

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011623\
 Data File : VN076264.D
 Acq On : 16 Jan 2023 12:06
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/17/2023
 Supervised By : Mahesh Dadoda 01/17/2023

Quant Time: Jan 17 03:28:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:09:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	334320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	533540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	482751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	243254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	185216	49.479	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.960%		
35) Dibromofluoromethane	8.171	113	163335	48.939	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.880%		
50) Toluene-d8	10.571	98	621427	50.417	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.840%		
62) 4-Bromofluorobenzene	12.847	95	209462	52.056	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	175749	52.385	ug/l	100
3) Chloromethane	2.371	50	174360	48.691	ug/l	100
4) Vinyl Chloride	2.530	62	215352	48.768	ug/l	100
5) Bromomethane	2.953	94	172179	48.340	ug/l	100
6) Chloroethane	3.124	64	152855	47.292	ug/l	100
7) Trichlorofluoromethane	3.512	101	292683	48.898	ug/l	100
8) Diethyl Ether	3.971	74	102475	51.808	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.389	101	166380	49.729	ug/l	100
10) Methyl Iodide	4.600	142	262342	50.701	ug/l	100
11) Tert butyl alcohol	5.530	59	125739	251.130	ug/l	100
12) 1,1-Dichloroethene	4.359	96	159397	51.282	ug/l	100
13) Acrolein	4.189	56	147125	245.707	ug/l	100
14) Allyl chloride	5.036	41	183513	50.331	ug/l	100
15) Acrylonitrile	5.730	53	360527	250.412	ug/l	100
16) Acetone	4.442	43	292325	236.196	ug/l	100
17) Carbon Disulfide	4.724	76	395842	50.596	ug/l	100
18) Methyl Acetate	5.036	43	196481	48.617	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	534043	51.618	ug/l	100
20) Methylene Chloride	5.289	84	173002	46.449	ug/l	100
21) trans-1,2-Dichloroethene	5.794	96	169025	49.183	ug/l	100
22) Diisopropyl ether	6.683	45	449978	50.654	ug/l	100
23) Vinyl Acetate	6.612	43	1523871	270.197	ug/l	100
24) 1,1-Dichloroethane	6.583	63	290237	48.699	ug/l	100
25) 2-Butanone	7.488	43	456534	253.425	ug/l	100
26) 2,2-Dichloropropane	7.500	77	257207	50.545	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	200405	49.477	ug/l	100
28) Bromochloromethane	7.824	49	120873	50.257	ug/l	100
29) Tetrahydrofuran	7.841	42	296147	261.700	ug/l	100
30) Chloroform	7.971	83	322667	48.664	ug/l	100
31) Cyclohexane	8.259	56	262943	45.726	ug/l	100
32) 1,1,1-Trichloroethane	8.171	97	295415	50.008	ug/l	100
36) 1,1-Dichloropropene	8.377	75	238088	50.317	ug/l	100
37) Ethyl Acetate	7.565	43	186551	49.680	ug/l	100
38) Carbon Tetrachloride	8.365	117	266407	50.548	ug/l	100
39) Methylcyclohexane	9.600	83	305209	53.326	ug/l	100
40) Benzene	8.612	78	711084	50.468	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	101944	52.695	ug/l	100
42) 1,2-Dichloroethane	8.677	62	239913	49.549	ug/l	100
43) Isopropyl Acetate	8.694	43	318943	39.187	ug/l	100
44) Trichloroethene	9.353	130	192795	48.717	ug/l	100
45) 1,2-Dichloropropane	9.624	63	168115	49.734	ug/l	100
46) Dibromomethane	9.712	93	127706	50.388	ug/l	100
47) Bromodichloromethane	9.888	83	252956	51.571	ug/l	100
48) Methyl methacrylate	9.682	41	150846	53.738	ug/l	100
49) 1,4-Dioxane	9.700	88	66877	1101.092	ug/l	100
51) 4-Methyl-2-Pentanone	10.447	43	949542	263.252	ug/l	100
52) Toluene	10.629	92	472098	50.747	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	260689	55.686	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	283382	53.228	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	176843	50.015	ug/l	100
56) Ethyl methacrylate	10.876	69	255967	55.405	ug/l	100
57) 1,3-Dichloropropane	11.165	76	296986	52.009	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	430143	277.362	ug/l	100
59) 2-Hexanone	11.194	43	694975	267.869	ug/l	100
60) Dibromochloromethane	11.359	129	203721	52.662	ug/l	100
61) 1,2-Dibromoethane	11.470	107	186523	52.087	ug/l	100
64) Tetrachloroethene	11.106	164	189737	44.496	ug/l	100
65) Chlorobenzene	11.894	112	498987	49.352	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	188538	50.139	ug/l	100
67) Ethyl Benzene	11.965	91	907487	52.204	ug/l	100
68) m/p-Xylenes	12.070	106	719578	104.797	ug/l	100
69) o-Xylene	12.400	106	356554	52.962	ug/l	100
70) Styrene	12.412	104	582214	54.638	ug/l	100
71) Bromoform	12.582	173	146734	53.853	ug/l #	100
73) Isopropylbenzene	12.694	105	925723	49.881	ug/l	100
74) N-amyl acetate	12.494	43	277388	52.987	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	257135	47.141	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	223276m	44.607	ug/l	
77) Bromobenzene	12.982	156	217521	46.980	ug/l	100
78) n-propylbenzene	13.035	91	1062200	51.778	ug/l	100
79) 2-Chlorotoluene	13.129	91	621318	48.624	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	787365	50.415	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	77684	53.135	ug/l	100
82) 4-Chlorotoluene	13.129	91	621318	48.624	ug/l	100
83) tert-Butylbenzene	13.441	119	693416	49.784	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	788992	51.735	ug/l	100
85) sec-Butylbenzene	13.617	105	989722	52.117	ug/l	100
86) p-Isopropyltoluene	13.729	119	838422	54.102	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	419320	49.404	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	413781	49.126	ug/l	100
89) n-Butylbenzene	14.059	91	684062	55.767	ug/l	100
90) Hexachloroethane	14.335	117	142991	52.409	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	417490	48.804	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	50421	55.502	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	212850	58.031	ug/l	100
94) Hexachlorobutadiene	15.506	225	115721	51.807	ug/l	100
95) Naphthalene	15.641	128	617257	60.498	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	202445	56.608	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

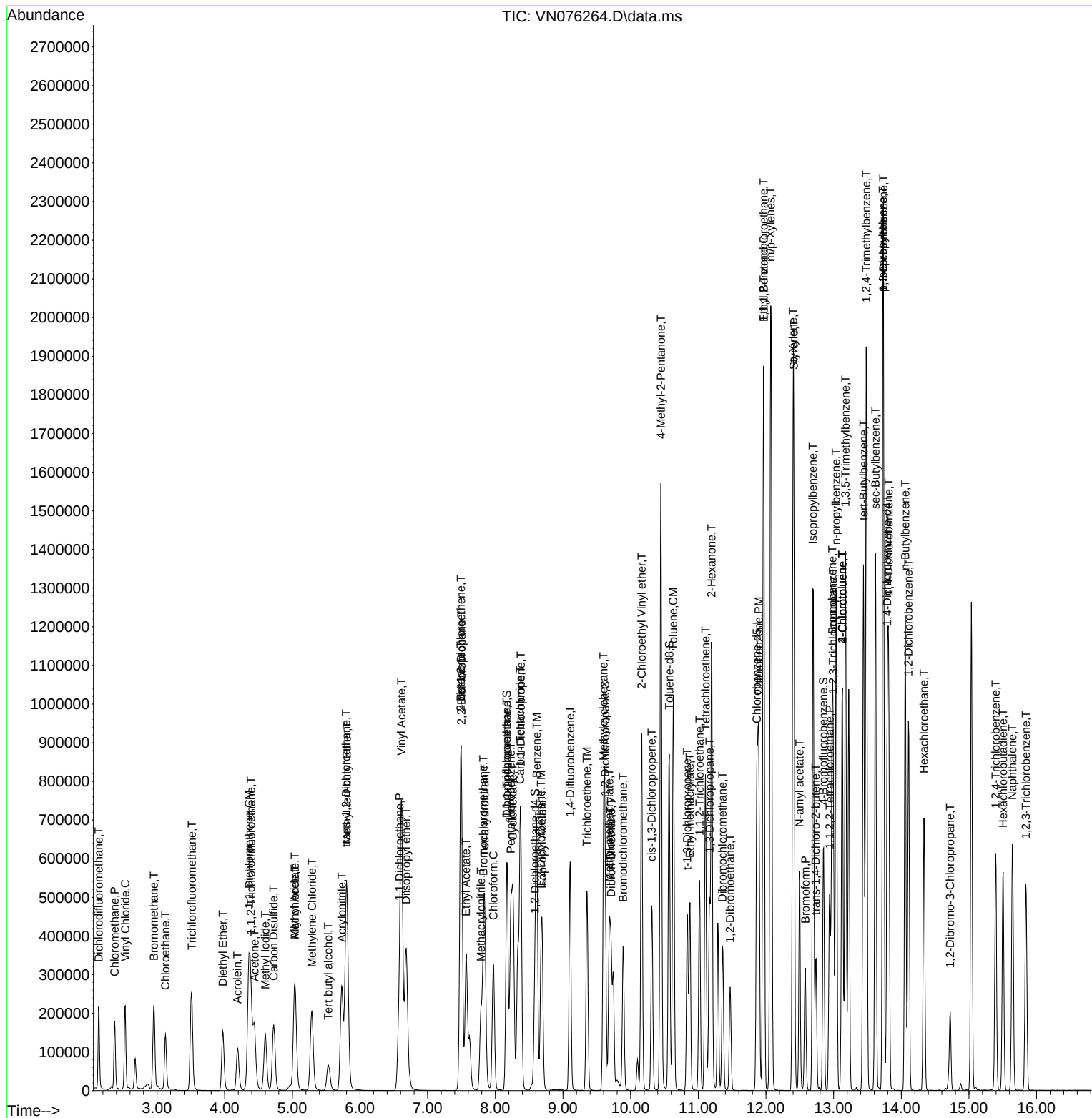
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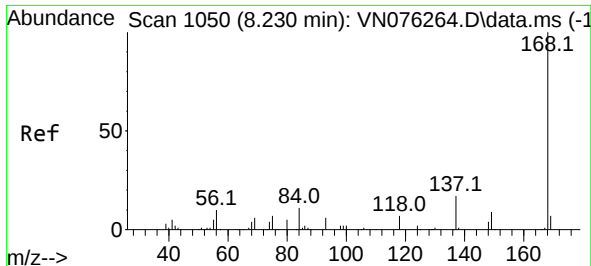
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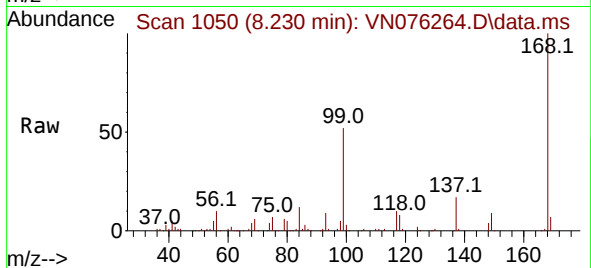
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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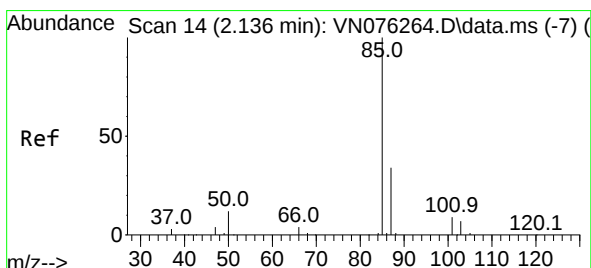
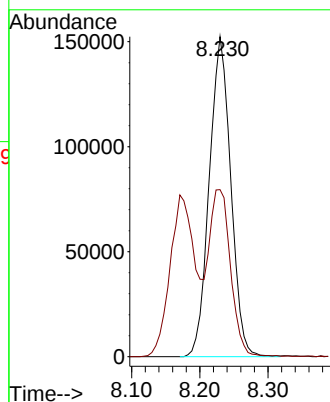
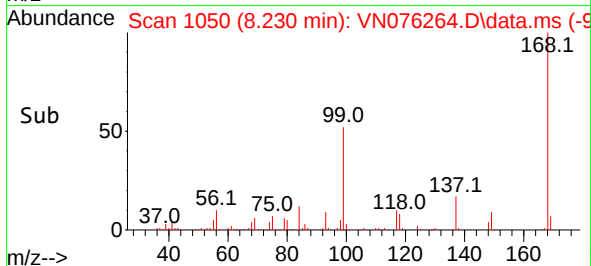
Instrument :
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VSTDICCC050



Tgt Ion:168 Resp: 334320
Ion Ratio Lower Upper
168 100
99 52.0 41.6 62.4

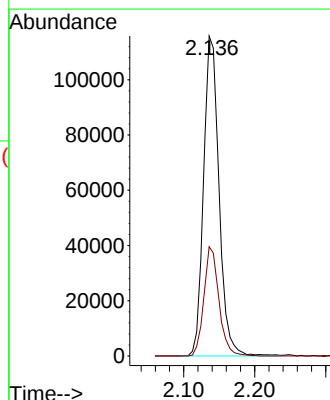
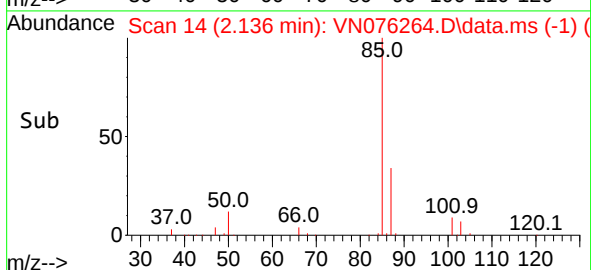
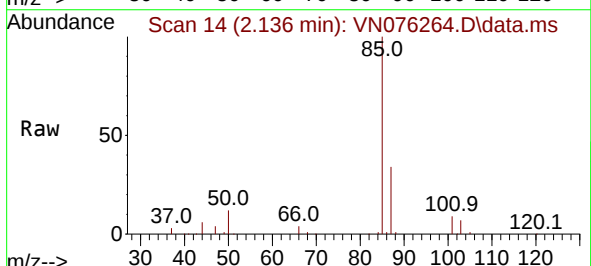
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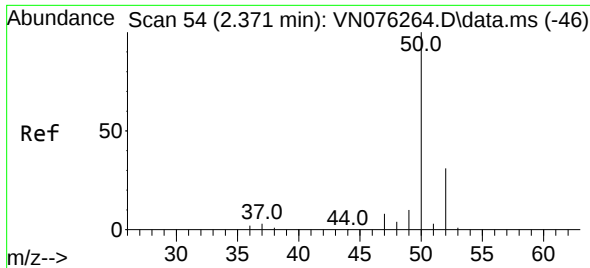
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#2
Dichlorodifluoromethane
Concen: 52.385 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

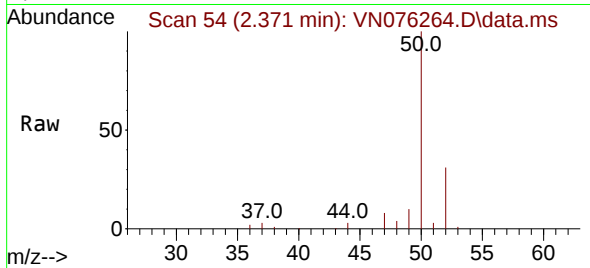
Tgt Ion: 85 Resp: 175749
Ion Ratio Lower Upper
85 100
87 34.1 17.1 51.2





#3
Chloromethane
Concen: 48.691 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

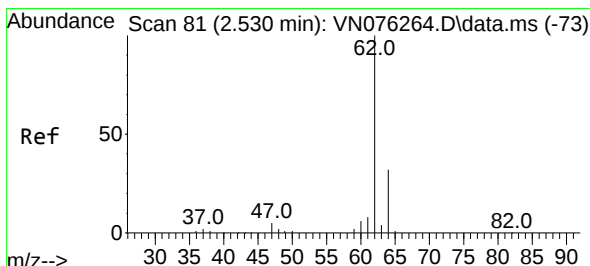
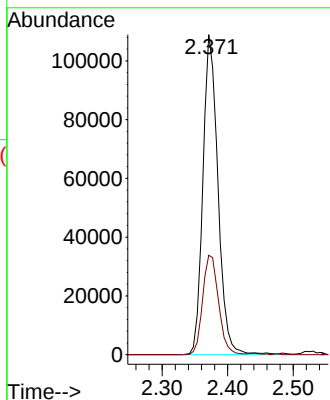
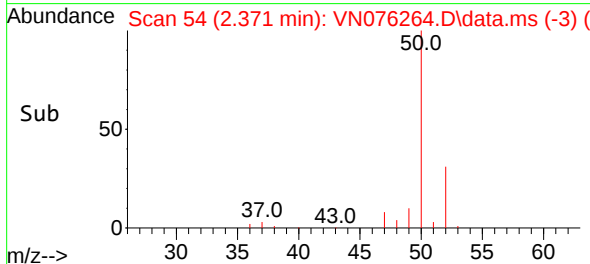
Instrument :
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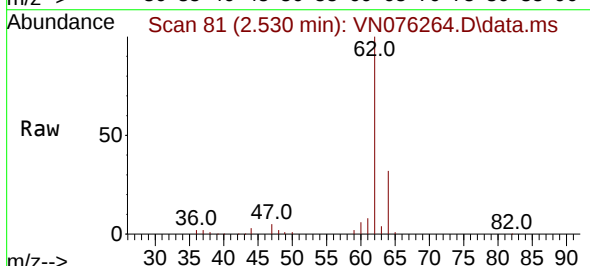
Tgt Ion: 50 Resp: 174360
Ion Ratio Lower Upper
50 100
52 31.0 24.8 37.2

Manual Integrations
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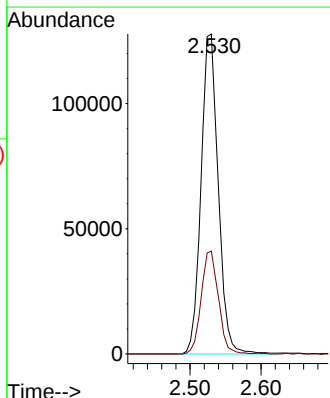
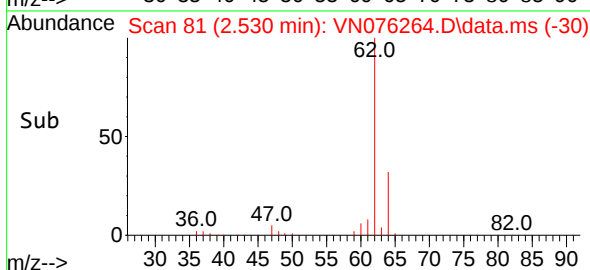
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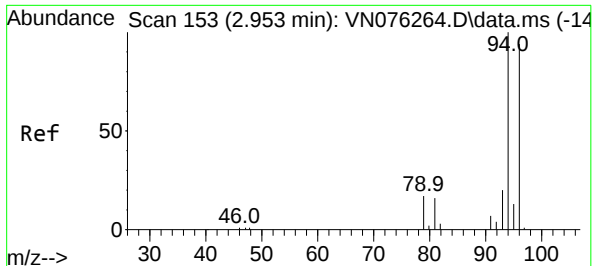


#4
Vinyl Chloride
Concen: 48.768 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06



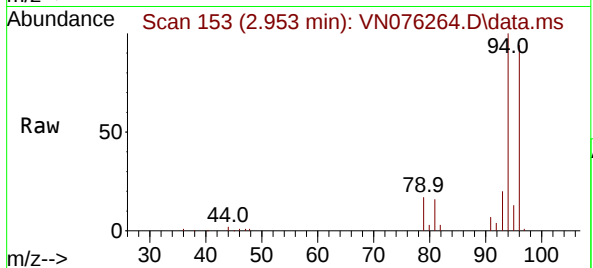
Tgt Ion: 62 Resp: 215352
Ion Ratio Lower Upper
62 100
64 32.2 25.8 38.6





#5
Bromomethane
Concen: 48.340 ug/l
RT: 2.953 min Scan# 153
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

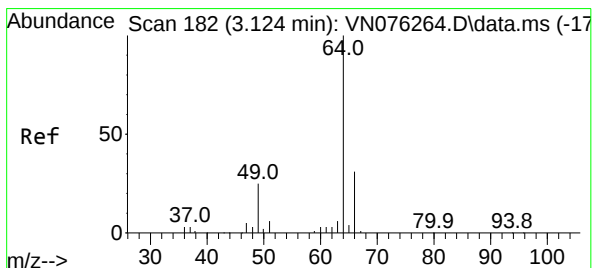
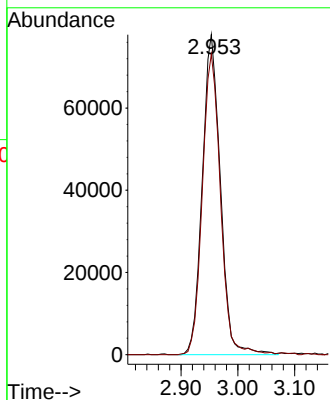
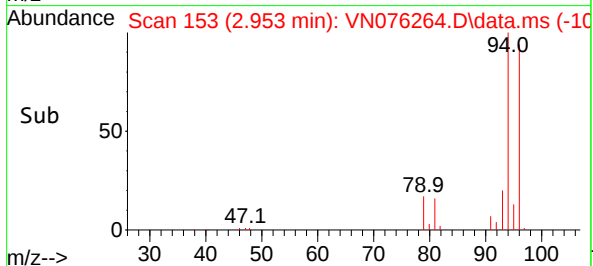
Instrument :
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Tgt Ion: 94 Resp: 172179
Ion Ratio Lower Upper
94 100
96 93.9 75.1 112.7

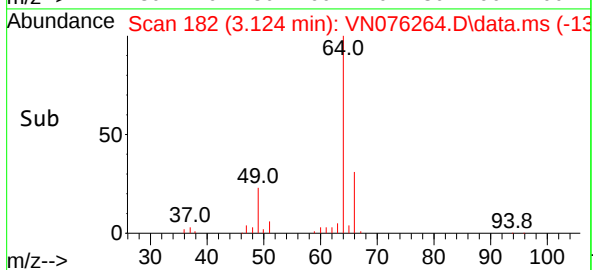
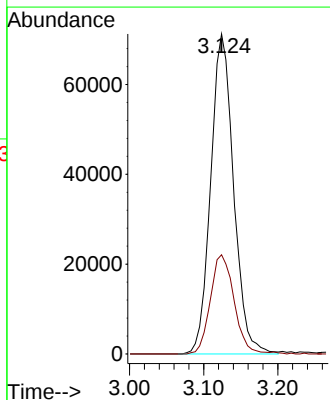
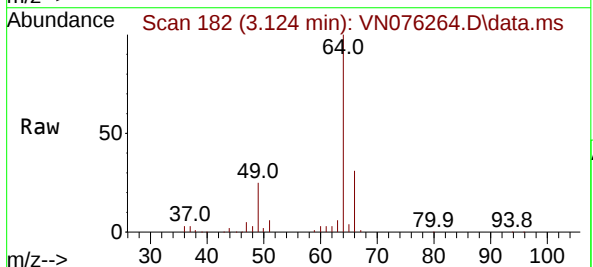
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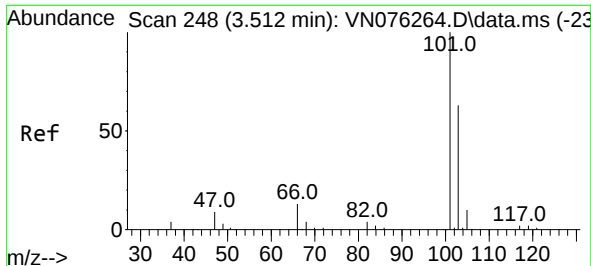
Reviewed By :John Carlone 01/17/2023
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#6
Chloroethane
Concen: 47.292 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

Tgt Ion: 64 Resp: 152855
Ion Ratio Lower Upper
64 100
66 31.0 24.8 37.2





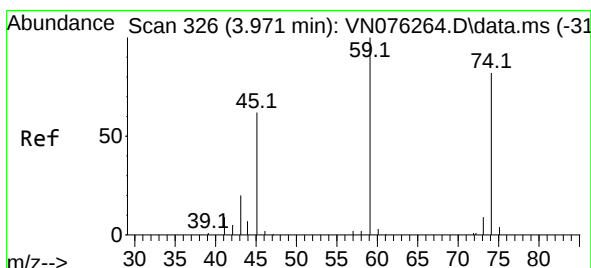
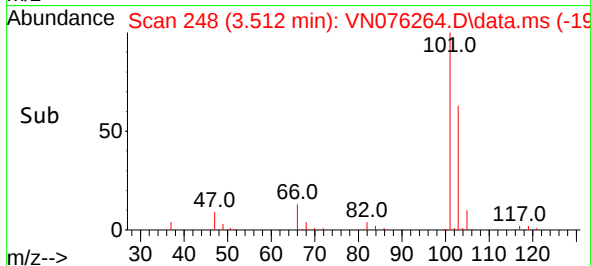
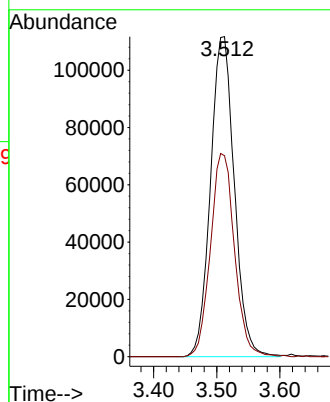
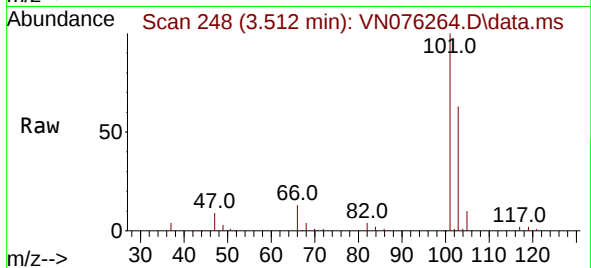
#7
Trichlorofluoromethane
Concen: 48.898 ug/l
RT: 3.512 min Scan# 248
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

Instrument :
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Tgt Ion:101 Resp: 29268
Ion Ratio Lower Upper
101 100
103 62.8 50.2 75.4

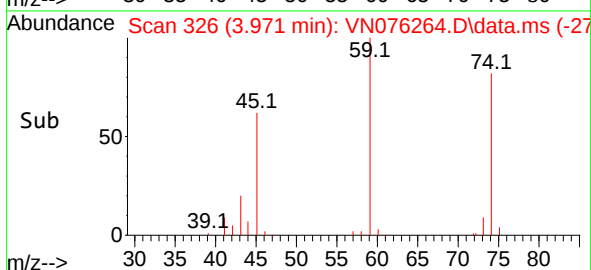
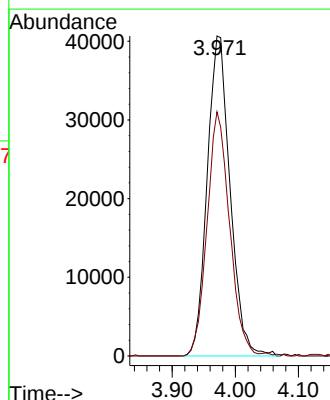
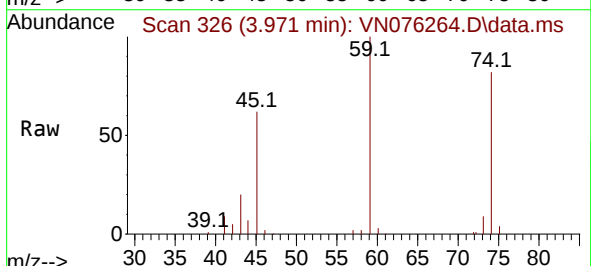
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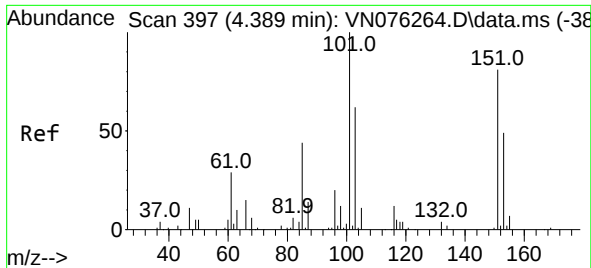
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#8
Diethyl Ether
Concen: 51.808 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

Tgt Ion: 74 Resp: 102475
Ion Ratio Lower Upper
74 100
45 75.5 37.8 113.3





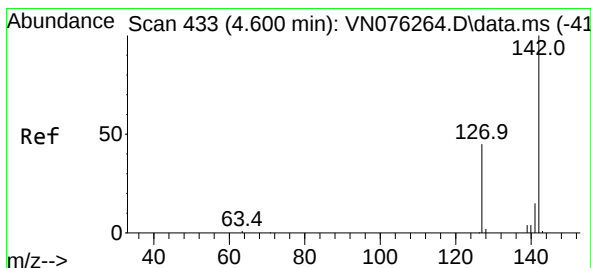
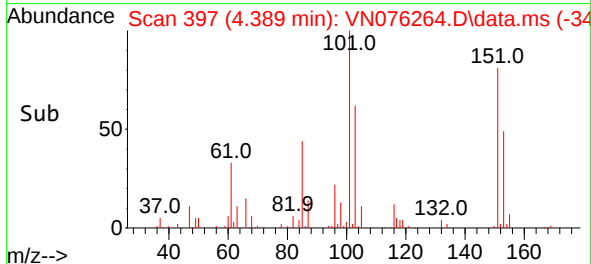
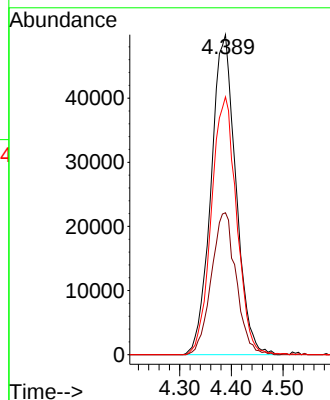
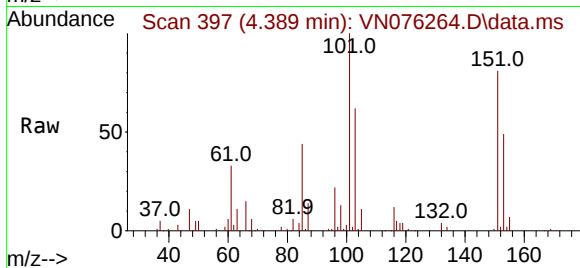
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.729 ug/l
RT: 4.389 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 166380
Ion Ratio Lower Upper
101 100
85 44.4 35.5 53.3
151 81.9 65.5 98.3

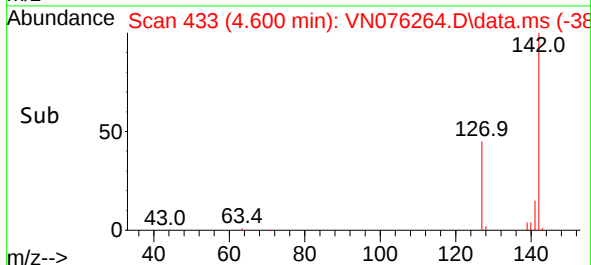
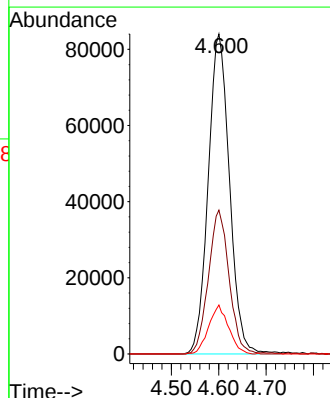
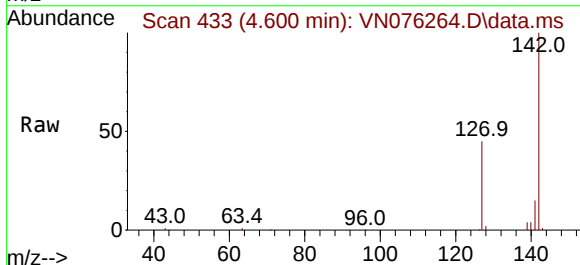
Manual Integrations
APPROVED

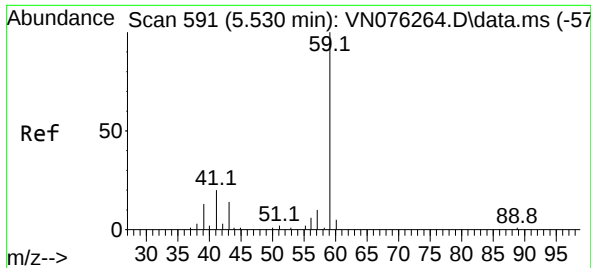
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#10
Methyl Iodide
Concen: 50.701 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

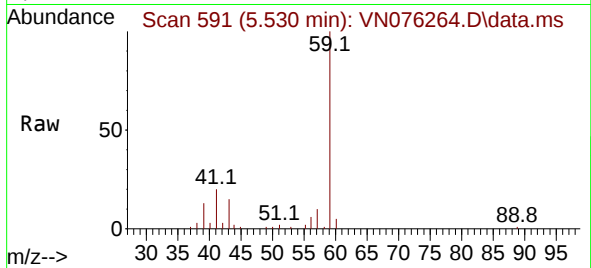
Tgt Ion:142 Resp: 262342
Ion Ratio Lower Upper
142 100
127 43.7 35.0 52.4
141 14.4 11.5 17.3





#11
Tert butyl alcohol
Concen: 251.130 ug/l
RT: 5.530 min Scan# 591
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

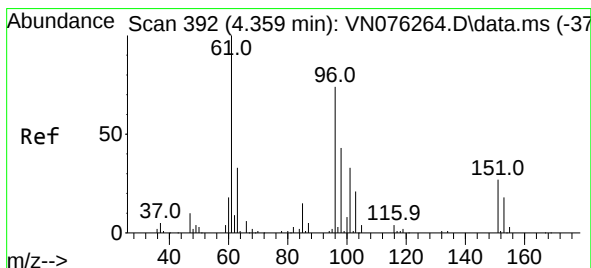
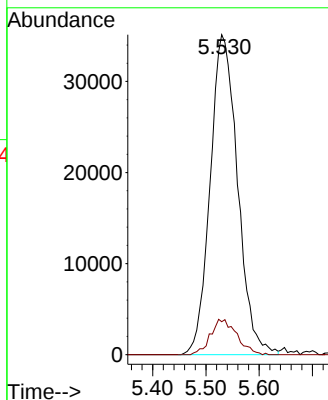
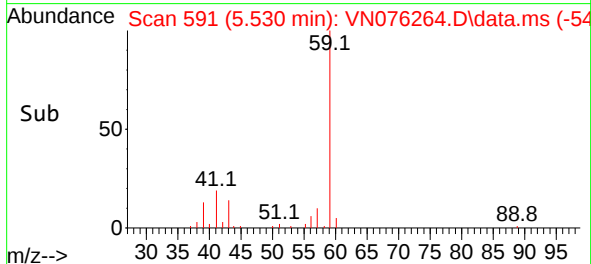
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



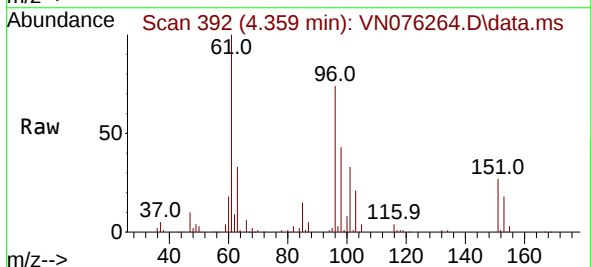
Tgt Ion: 59 Resp: 125739
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7

Manual Integrations
APPROVED

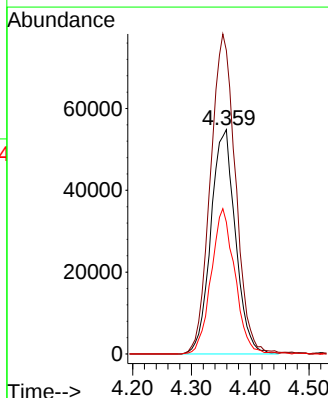
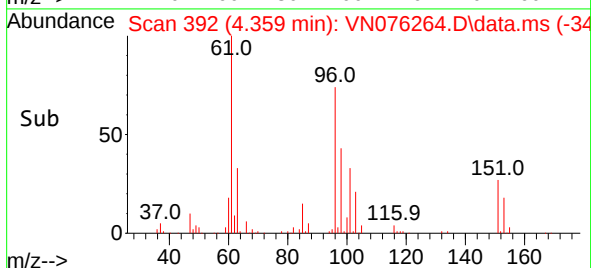
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

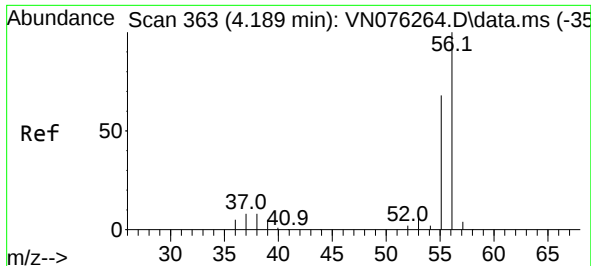


#12
1,1-Dichloroethene
Concen: 51.282 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06



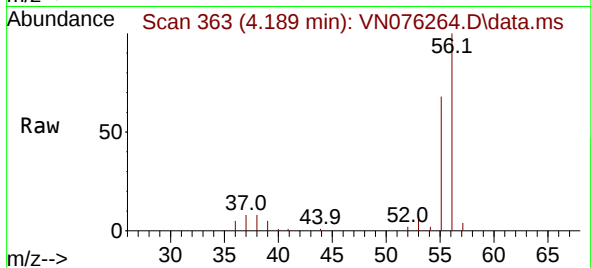
Tgt Ion: 96 Resp: 159397
Ion Ratio Lower Upper
96 100
61 135.3 108.2 162.4
98 58.8 47.0 70.6





#13
Acrolein
Concen: 245.707 ug/l
RT: 4.189 min Scan# 363
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

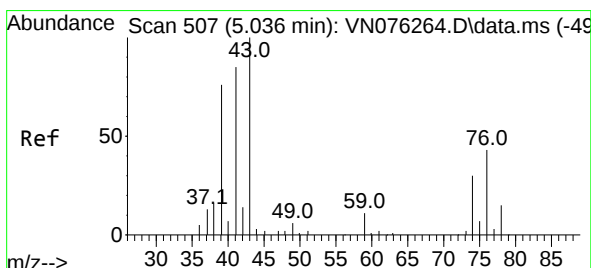
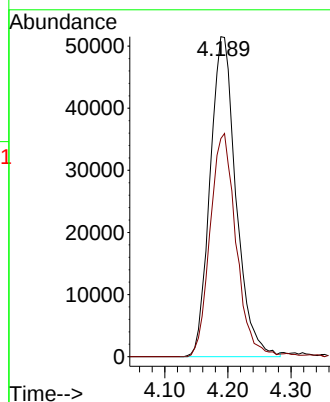
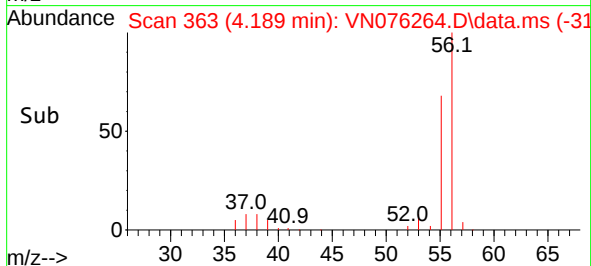
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



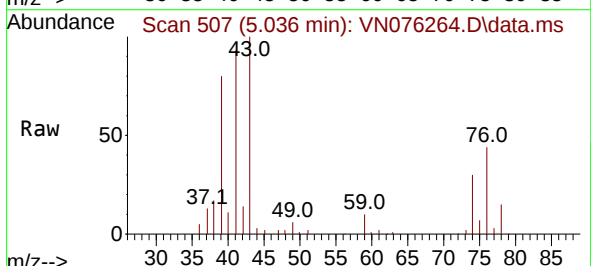
Tgt Ion: 56 Resp: 147125
Ion Ratio Lower Upper
56 100
55 69.7 55.8 83.6

Manual Integrations
APPROVED

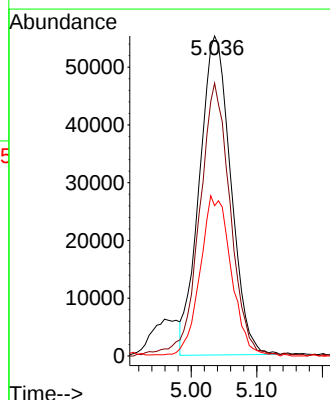
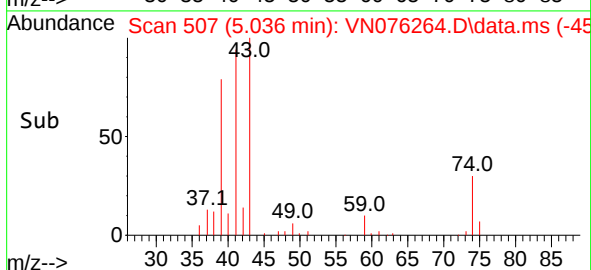
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

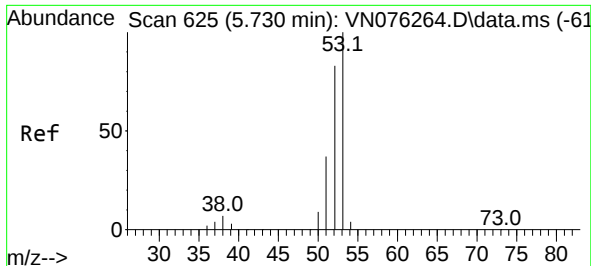


#14
Allyl chloride
Concen: 50.331 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06



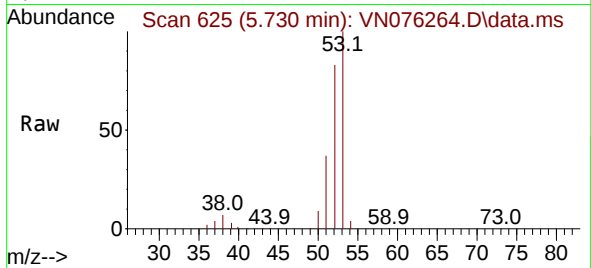
Tgt Ion: 41 Resp: 183513
Ion Ratio Lower Upper
41 100
39 84.2 67.4 101.0
76 49.8 39.8 59.8





#15
Acrylonitrile
Concen: 250.412 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

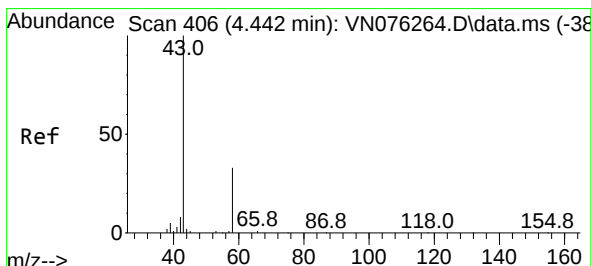
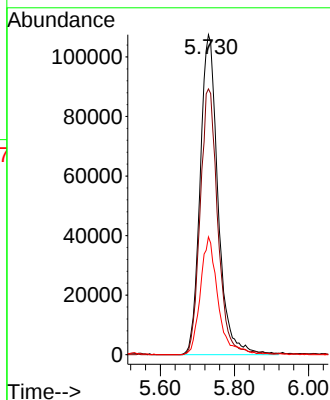
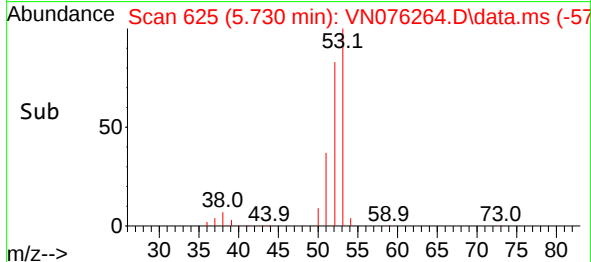
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 36052
Ion Ratio Lower Upper
53 100
52 80.9 64.7 97.1
51 36.5 29.2 43.8

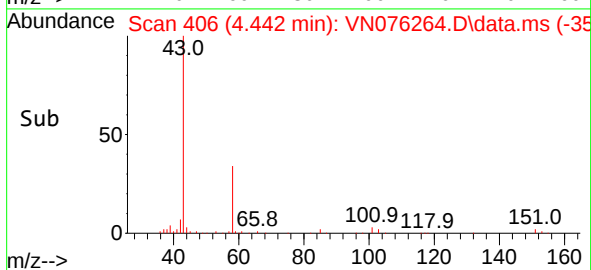
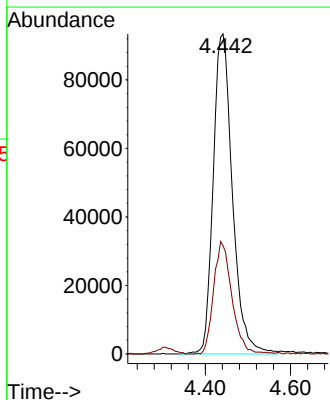
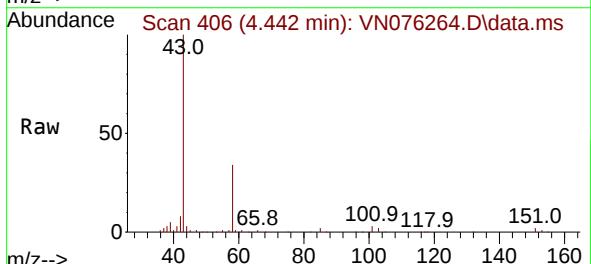
Manual Integrations
APPROVED

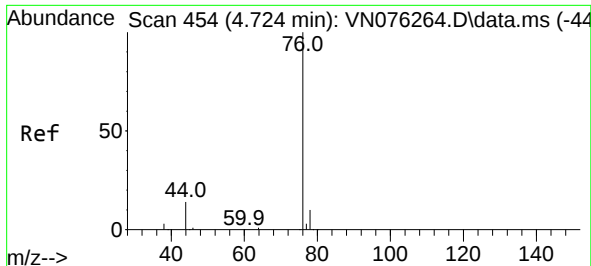
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#16
Acetone
Concen: 236.196 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

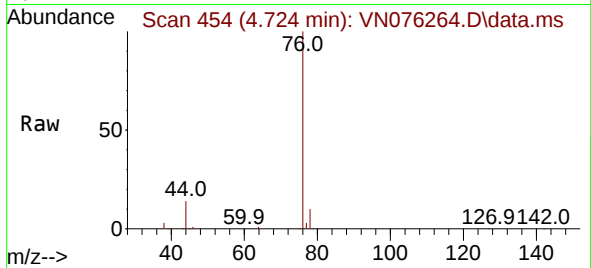
Tgt Ion: 43 Resp: 292325
Ion Ratio Lower Upper
43 100
58 33.4 26.7 40.1





#17
Carbon Disulfide
Concen: 50.596 ug/l
RT: 4.724 min Scan# 454
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

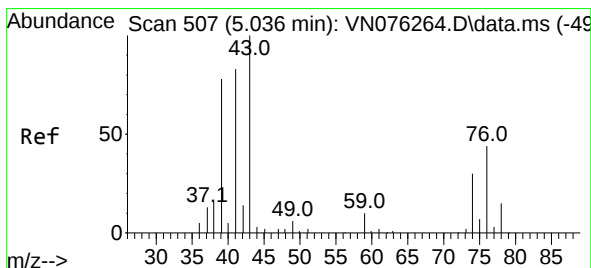
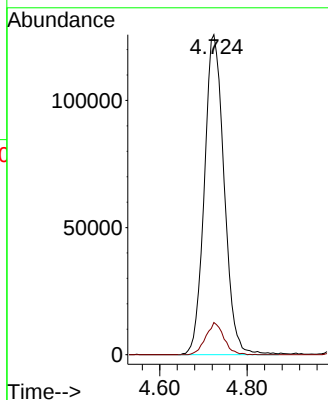
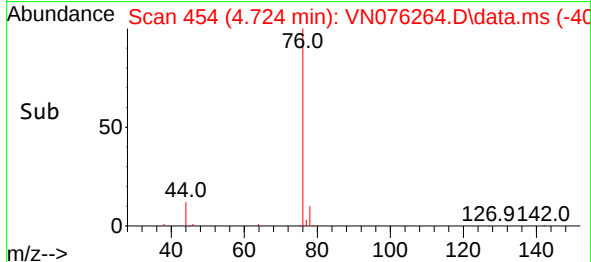
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



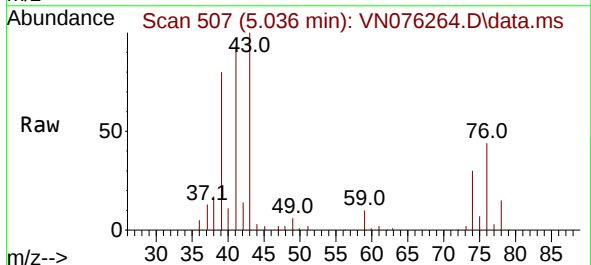
Tgt Ion: 76 Resp: 39584
Ion Ratio Lower Upper
76 100
78 10.0 8.0 12.0

Manual Integrations
APPROVED

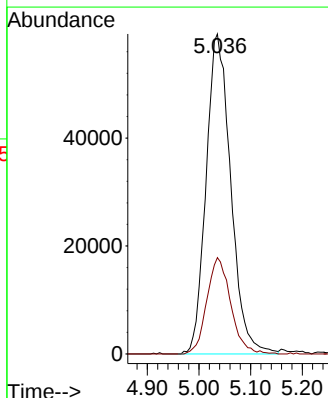
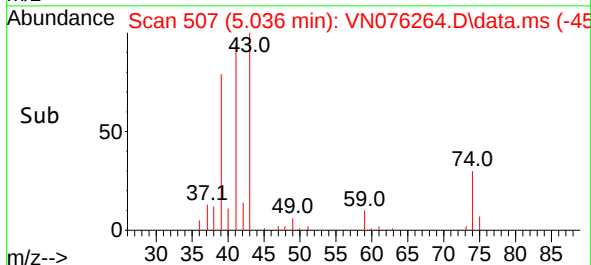
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

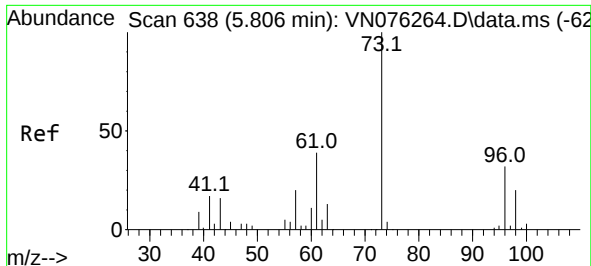


#18
Methyl Acetate
Concen: 48.617 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06



Tgt Ion: 43 Resp: 196481
Ion Ratio Lower Upper
43 100
74 29.1 23.3 34.9





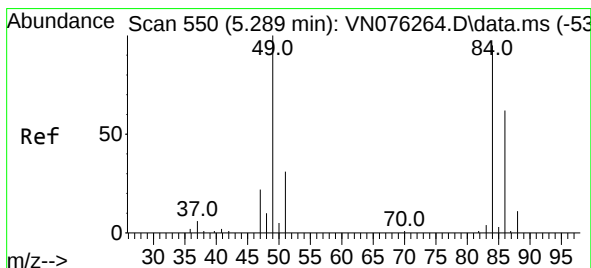
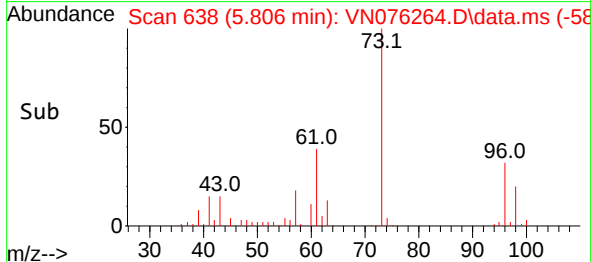
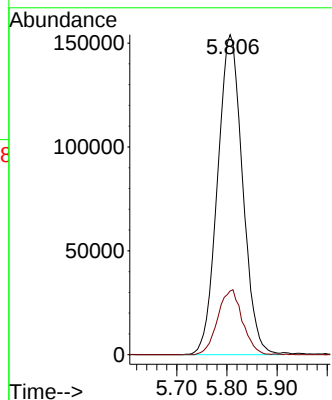
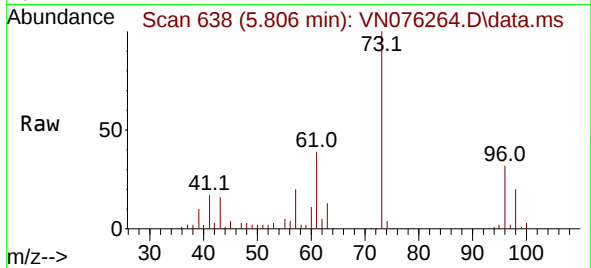
#19
Methyl tert-butyl Ether
Concen: 51.618 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 53404
Ion Ratio Lower Upper
73 100
57 19.9 15.9 23.9

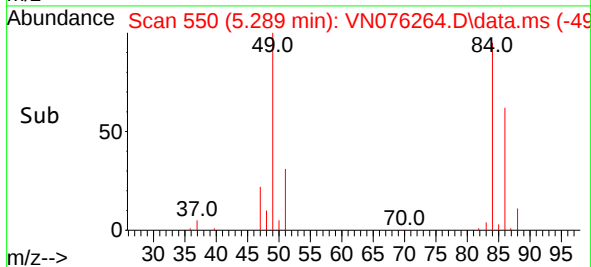
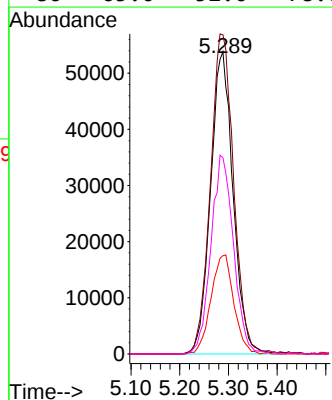
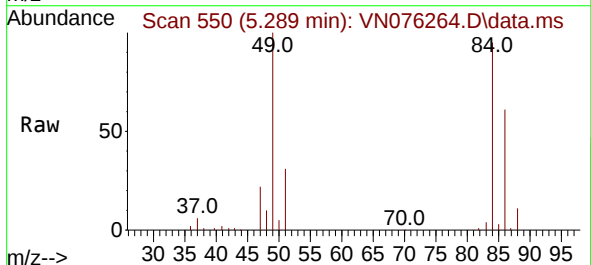
Manual Integrations
APPROVED

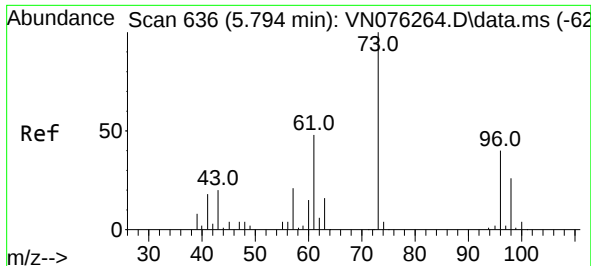
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#20
Methylene Chloride
Concen: 46.449 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

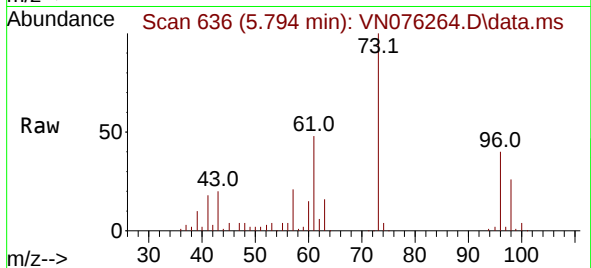
Tgt Ion: 84 Resp: 173002
Ion Ratio Lower Upper
84 100
49 105.6 84.5 126.7
51 32.5 26.0 39.0
86 65.0 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 49.183 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

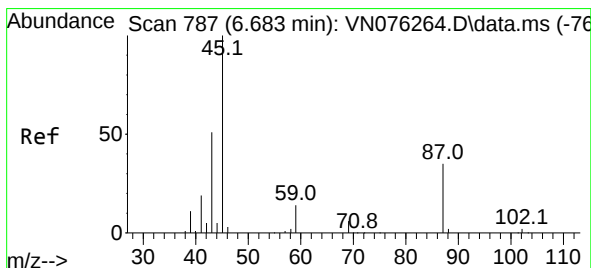
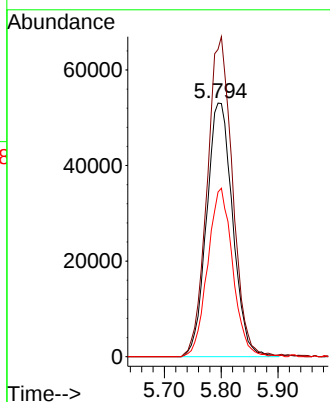
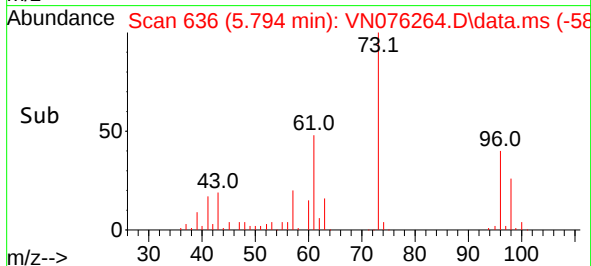
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



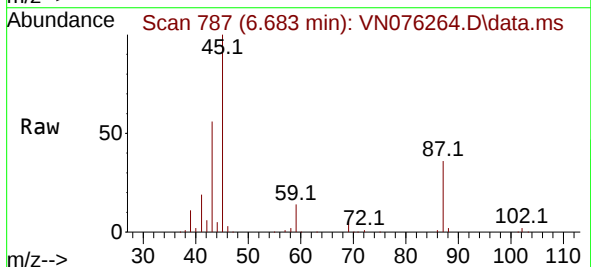
Tgt Ion: 96 Resp: 169025
Ion Ratio Lower Upper
96 100
61 121.2 97.0 145.4
98 64.9 51.9 77.9

Manual Integrations
APPROVED

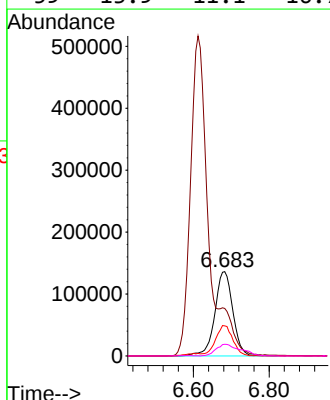
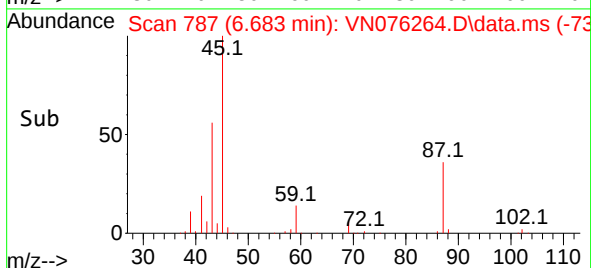
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

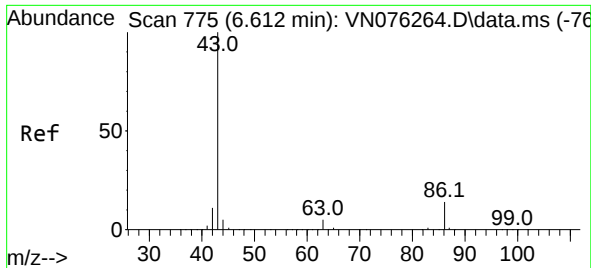


#22
Diisopropyl ether
Concen: 50.654 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06



Tgt Ion: 45 Resp: 449978
Ion Ratio Lower Upper
45 100
43 55.5 44.4 66.6
87 35.5 28.4 42.6
59 13.9 11.1 16.7





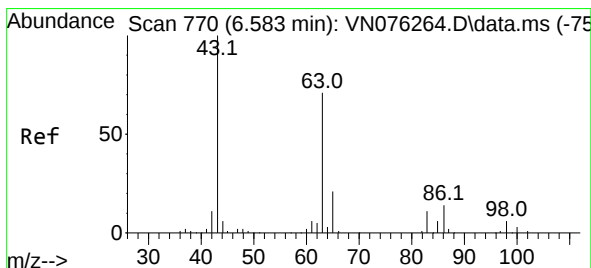
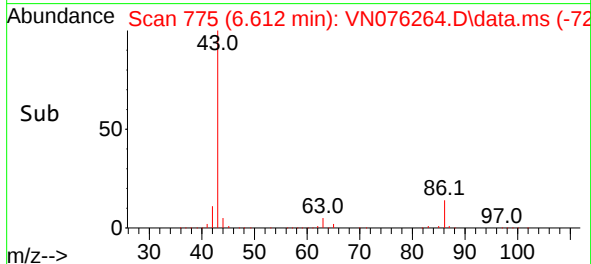
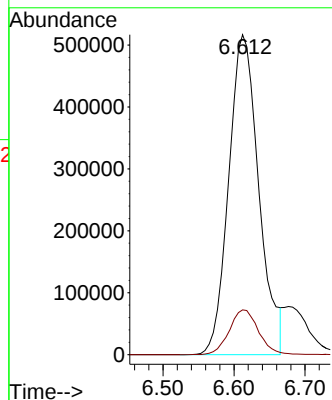
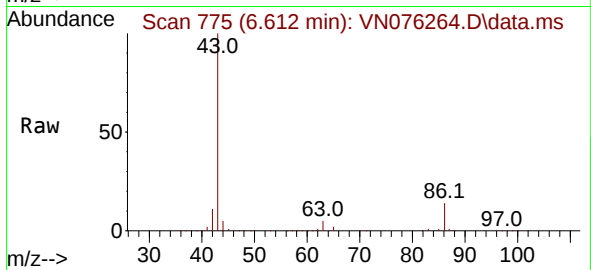
#23
 Vinyl Acetate
 Concen: 270.197 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN076264.D
 Acq: 16 Jan 2023 12:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 152387
 Ion Ratio Lower Upper
 43 100
 86 14.0 11.2 16.8

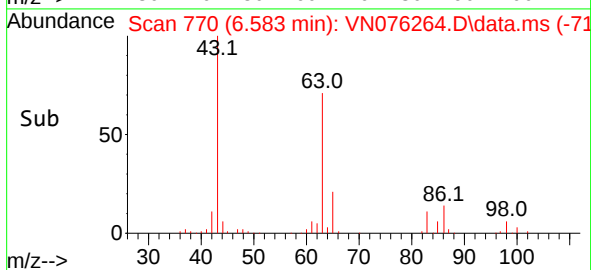
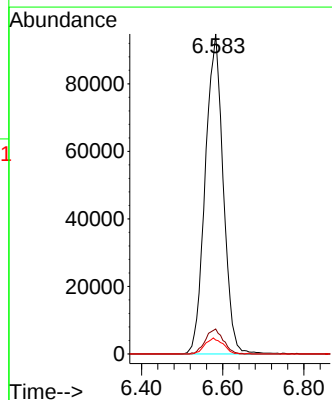
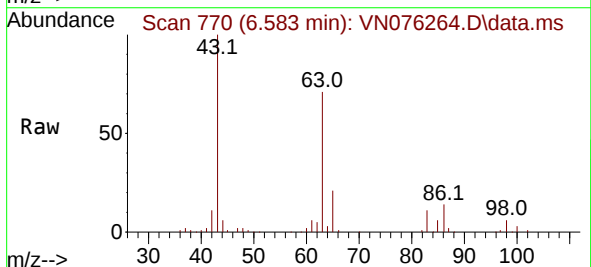
Manual Integrations
 APPROVED

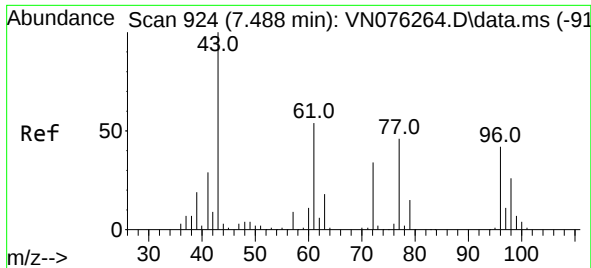
Reviewed By :John Carlone 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023



#24
 1,1-Dichloroethane
 Concen: 48.699 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VN076264.D
 Acq: 16 Jan 2023 12:06

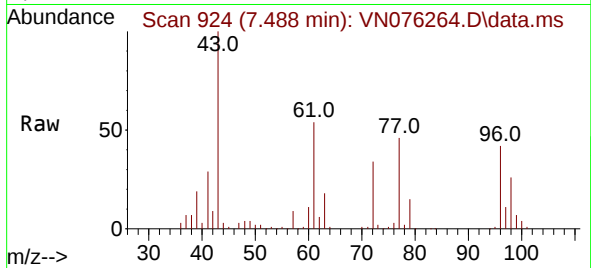
Tgt Ion: 63 Resp: 290237
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 4.4 2.2 6.6





#25
2-Butanone
Concen: 253.425 ug/l
RT: 7.488 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

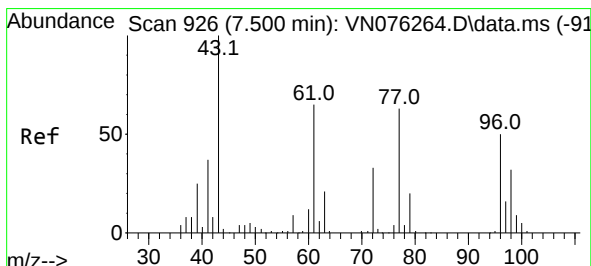
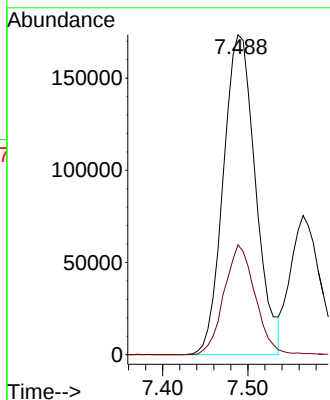
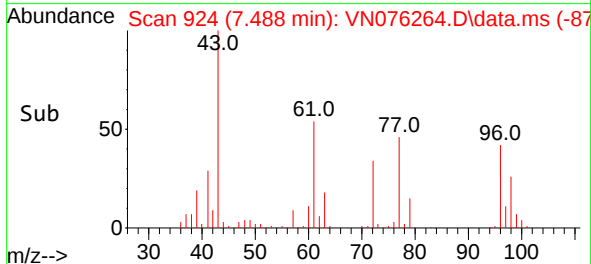
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



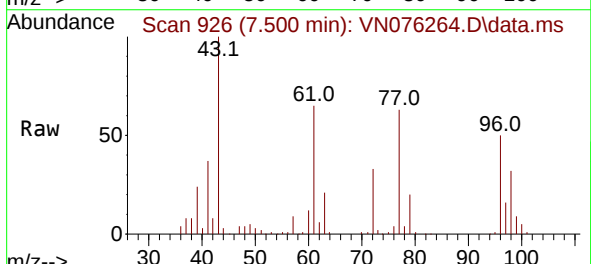
Tgt Ion: 43 Resp: 456534
Ion Ratio Lower Upper
43 100
72 34.3 27.4 41.2

Manual Integrations
APPROVED

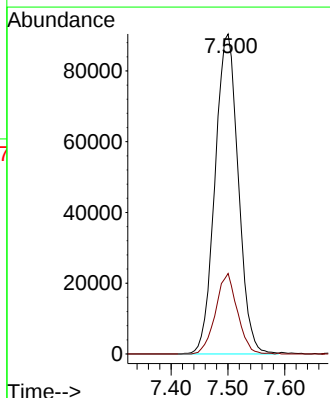
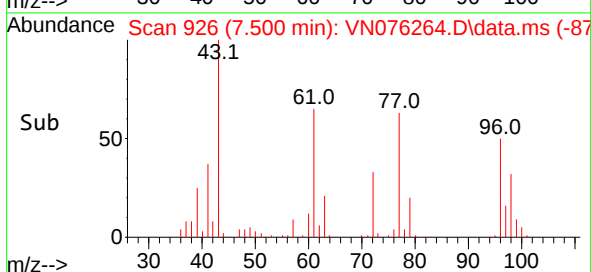
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

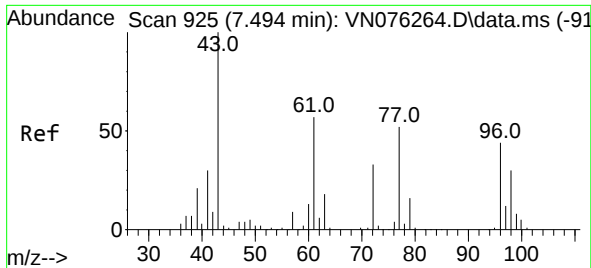


#26
2,2-Dichloropropane
Concen: 50.545 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06



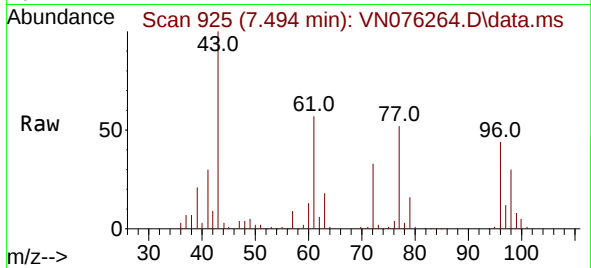
Tgt Ion: 77 Resp: 257207
Ion Ratio Lower Upper
77 100
97 23.6 11.8 35.4





#27
cis-1,2-Dichloroethene
Concen: 49.477 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

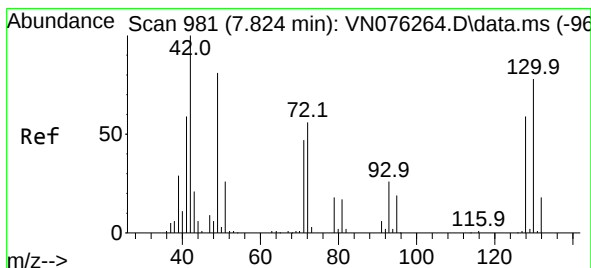
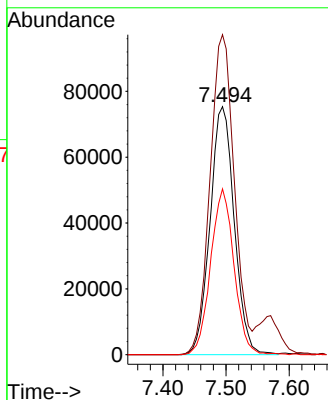
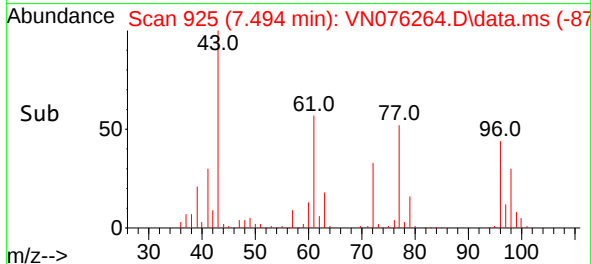
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 20040
Ion Ratio Lower Upper
96 100
61 129.8 0.0 259.6
98 64.7 0.0 129.4

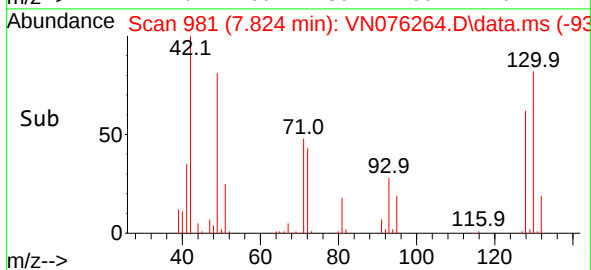
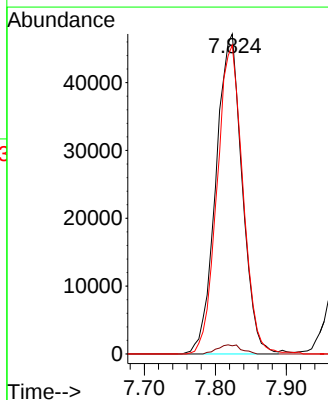
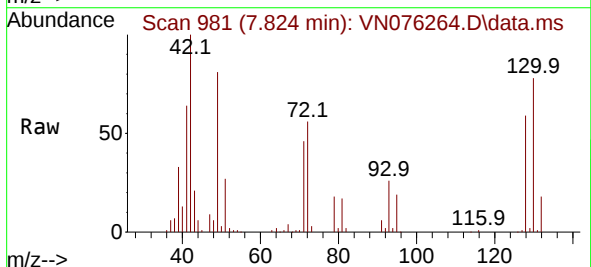
Manual Integrations
APPROVED

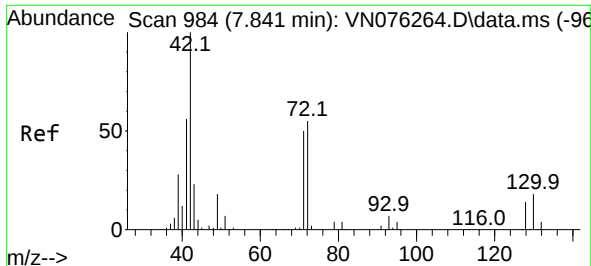
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#28
Bromochloromethane
Concen: 50.257 ug/l
RT: 7.824 min Scan# 981
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

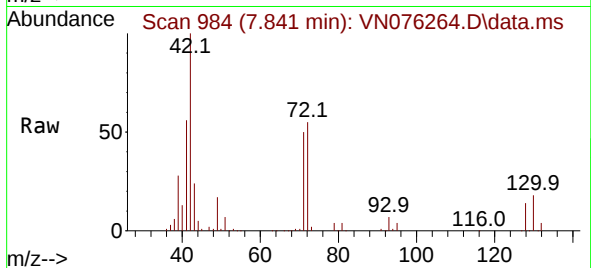
Tgt Ion: 49 Resp: 120873
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.2
130 95.0 76.0 114.0





#29
Tetrahydrofuran
Concen: 261.700 ug/l
RT: 7.841 min Scan# 984
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

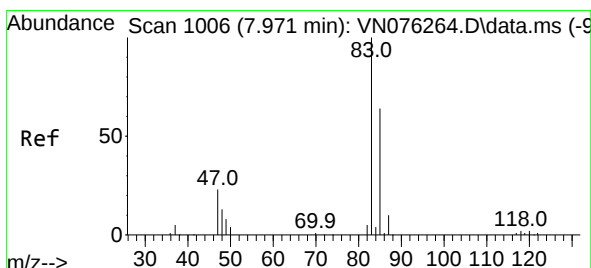
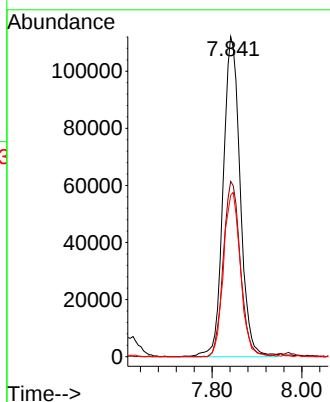
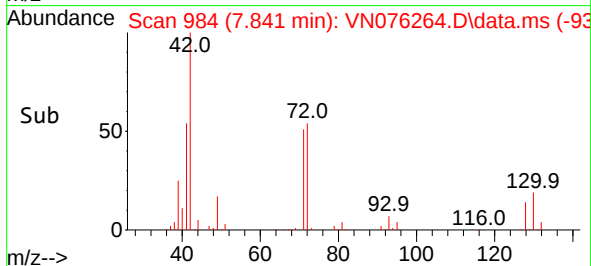
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



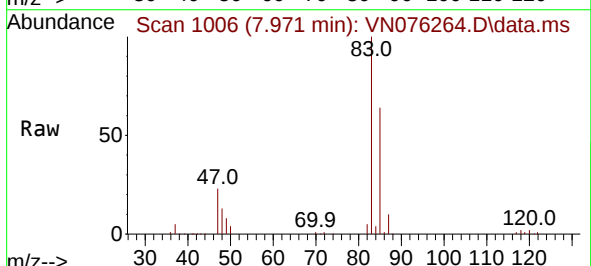
Tgt Ion: 42 Resp: 29614
Ion Ratio Lower Upper
42 100
72 55.0 44.0 66.0
71 51.4 41.1 61.7

Manual Integrations
APPROVED

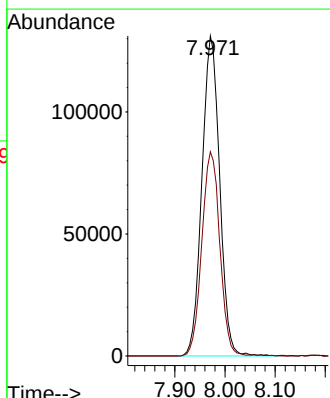
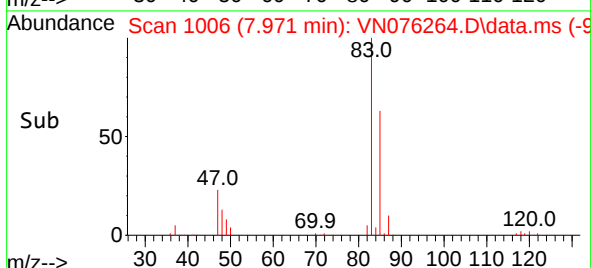
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

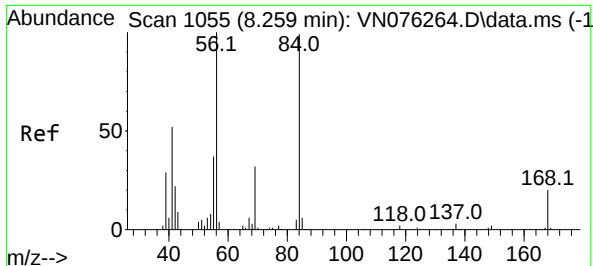


#30
Chloroform
Concen: 48.664 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06



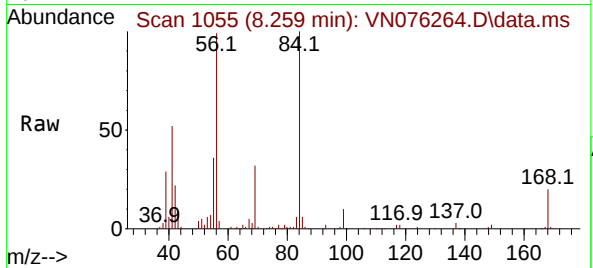
Tgt Ion: 83 Resp: 322667
Ion Ratio Lower Upper
83 100
85 63.8 51.0 76.6





#31
Cyclohexane
Concen: 45.726 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

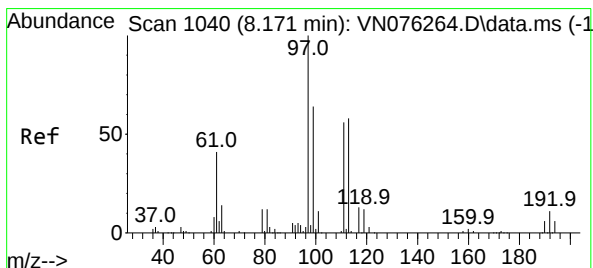
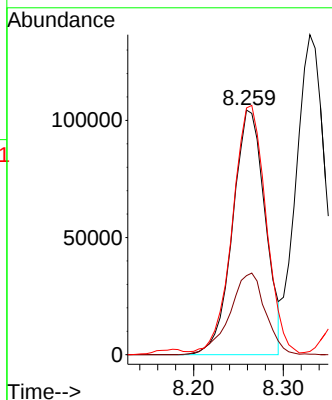
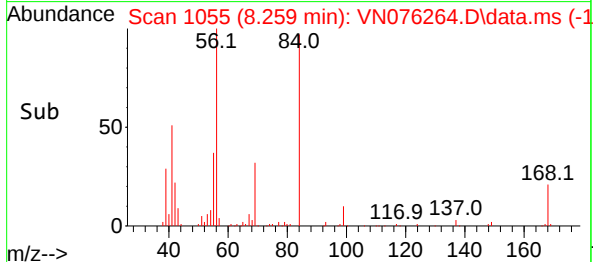
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



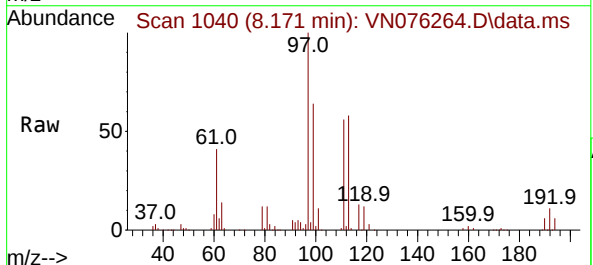
Tgt Ion: 56 Resp: 26294
Ion Ratio Lower Upper
56 100
69 32.3 25.8 38.8
84 98.7 79.0 118.4

Manual Integrations
APPROVED

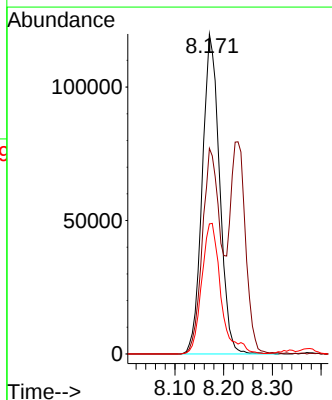
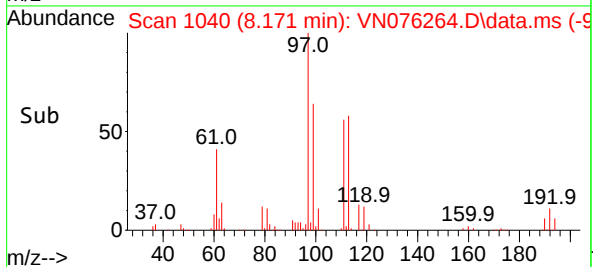
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

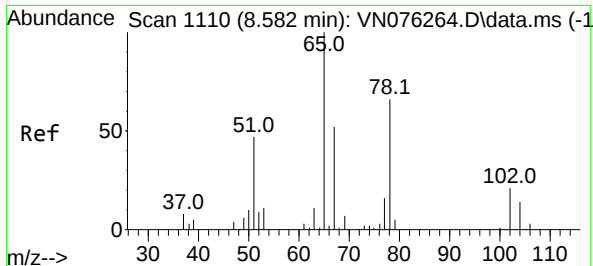


#32
1,1,1-Trichloroethane
Concen: 50.008 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06



Tgt Ion: 97 Resp: 295415
Ion Ratio Lower Upper
97 100
99 68.7 55.0 82.4
61 45.3 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 49.479 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076264.D

Acq: 16 Jan 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 185210

Ion Ratio Lower Upper

65 100

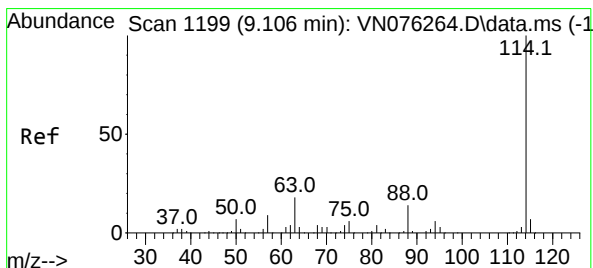
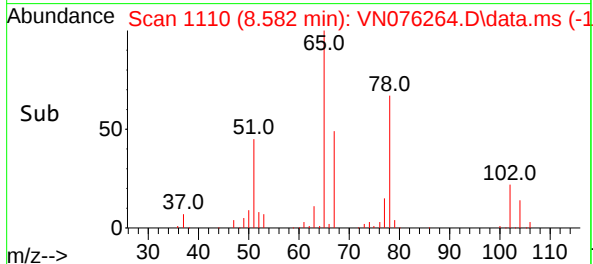
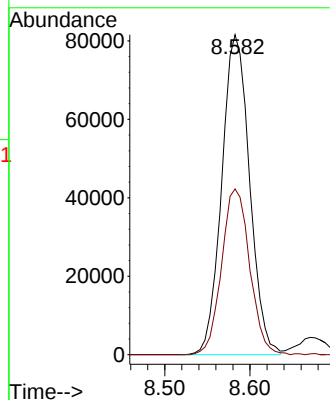
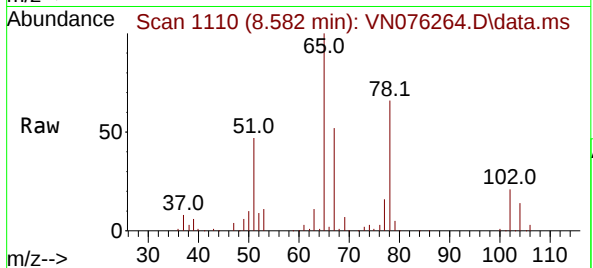
67 52.3 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076264.D

Acq: 16 Jan 2023 12:06

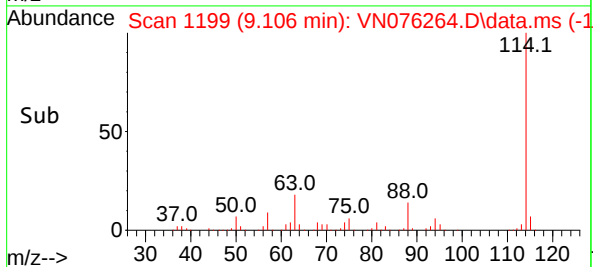
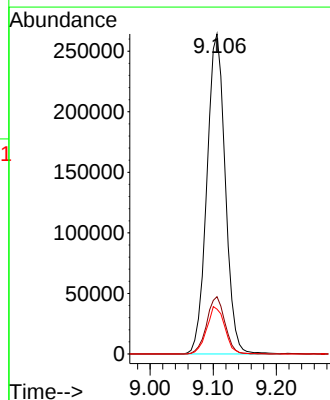
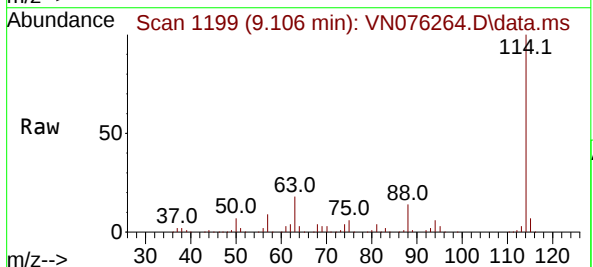
Tgt Ion:114 Resp: 533540

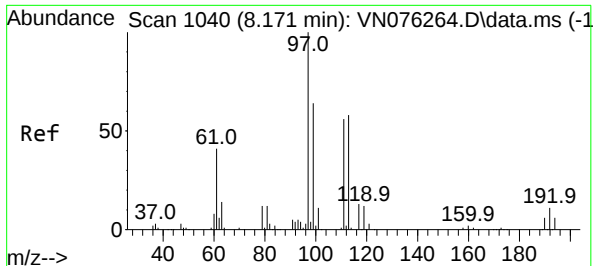
Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.8

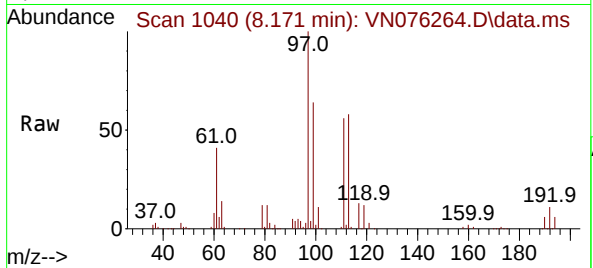
88 14.0 0.0 28.0





#35
Dibromofluoromethane
Concen: 48.939 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

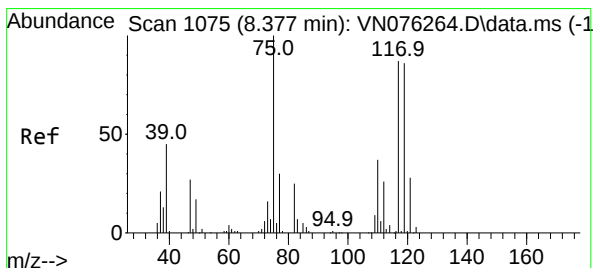
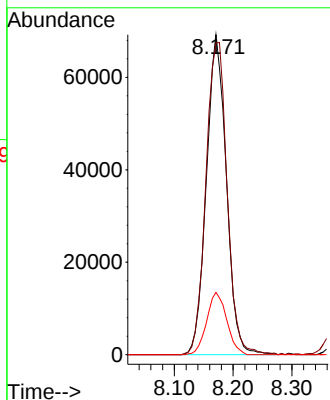
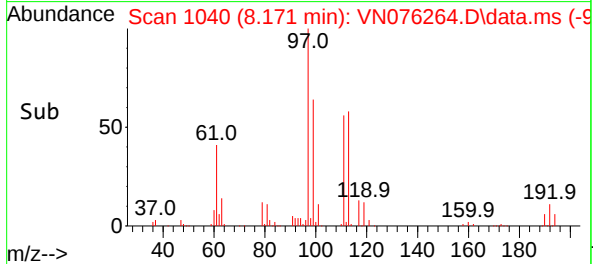
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:113 Resp: 16333
Ion Ratio Lower Upper
113 100
111 103.4 82.7 124.1
192 19.5 15.6 23.4

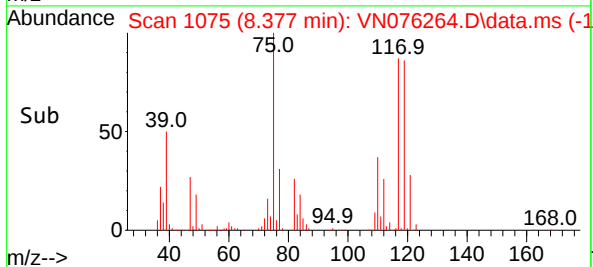
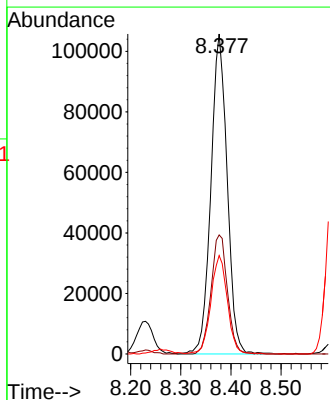
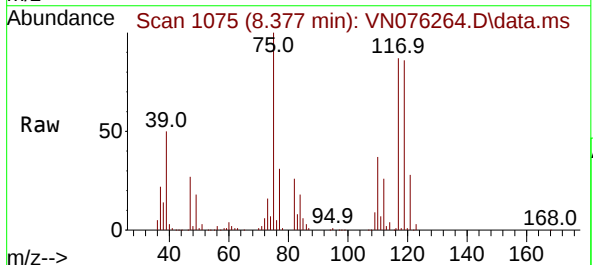
Manual Integrations
APPROVED

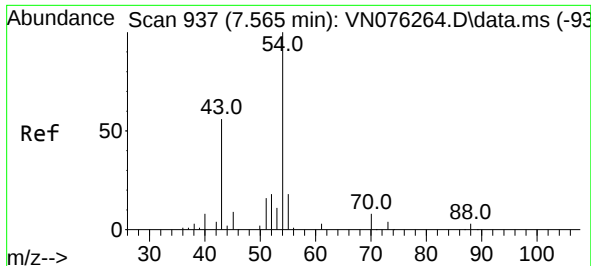
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#36
1,1-Dichloropropene
Concen: 50.317 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

Tgt Ion: 75 Resp: 238088
Ion Ratio Lower Upper
75 100
110 37.5 18.8 56.3
77 31.2 25.0 37.4





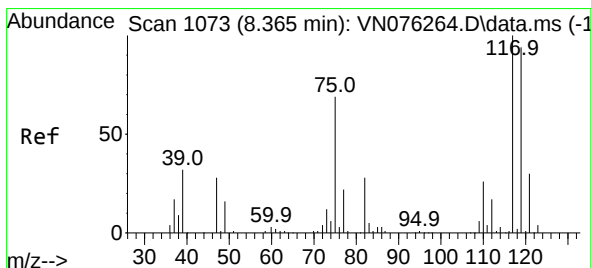
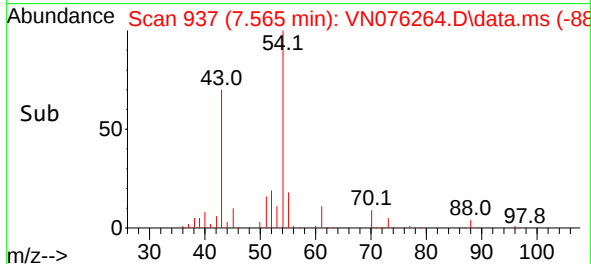
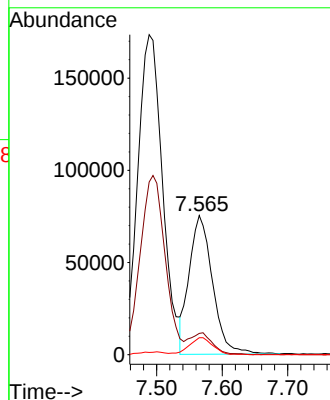
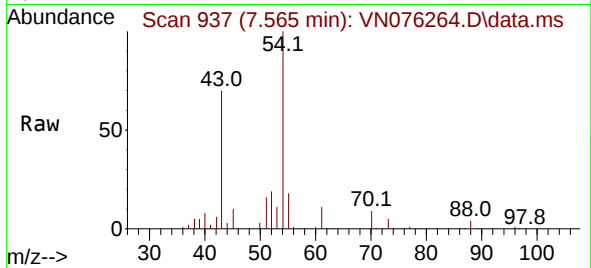
#37
Ethyl Acetate
Concen: 49.680 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 18655
Ion Ratio Lower Upper
43 100
61 13.9 11.1 16.7
70 12.5 10.0 15.0

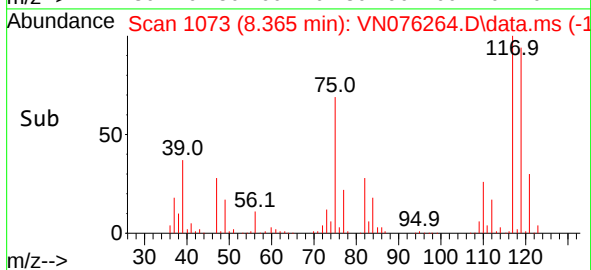
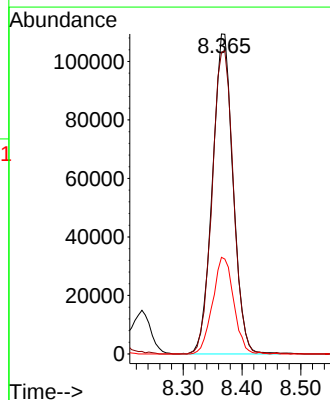
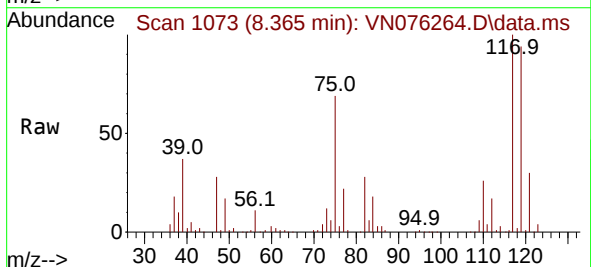
Manual Integrations
APPROVED

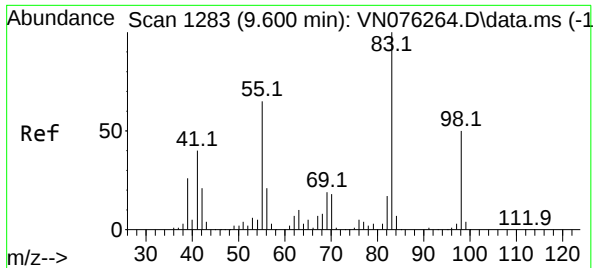
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#38
Carbon Tetrachloride
Concen: 50.548 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

Tgt Ion:117 Resp: 266407
Ion Ratio Lower Upper
117 100
119 94.2 75.4 113.0
121 30.2 24.2 36.2





#39

Methylcyclohexane

Concen: 53.326 ug/l

RT: 9.600 min Scan# 11283

Delta R.T. 0.000 min

Lab File: VN076264.D

Acq: 16 Jan 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 305209

Ion Ratio Lower Upper

83 100

55 64.6 51.7 77.5

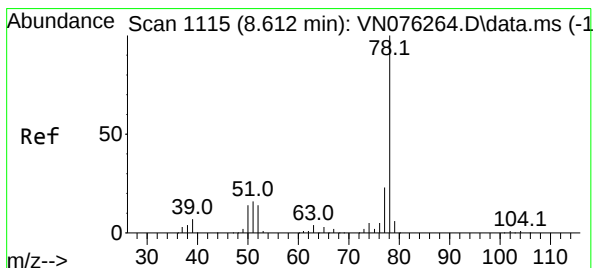
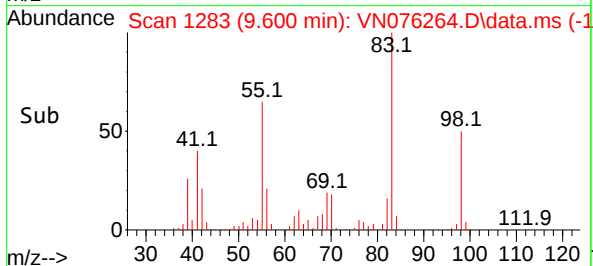
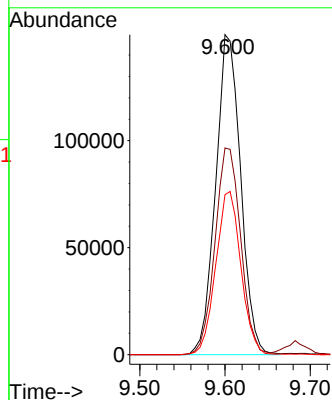
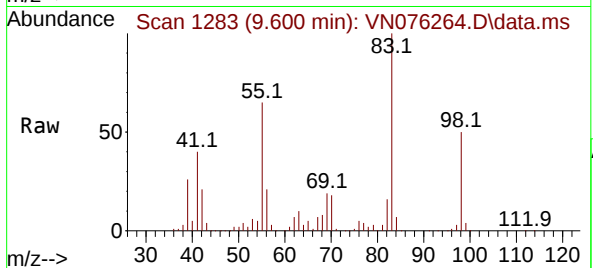
98 50.0 40.0 60.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#40

Benzene

Concen: 50.468 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN076264.D

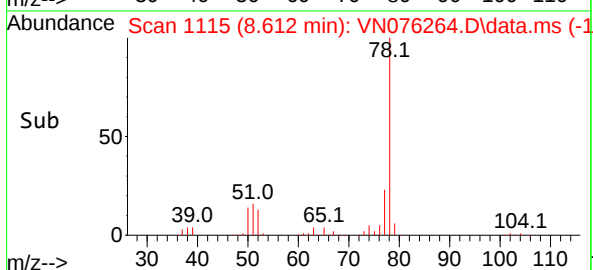
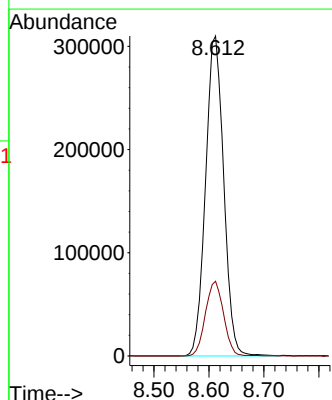
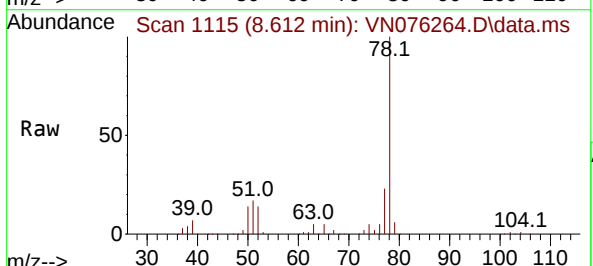
Acq: 16 Jan 2023 12:06

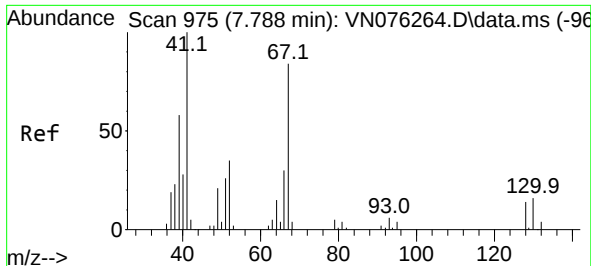
Tgt Ion: 78 Resp: 711084

Ion Ratio Lower Upper

78 100

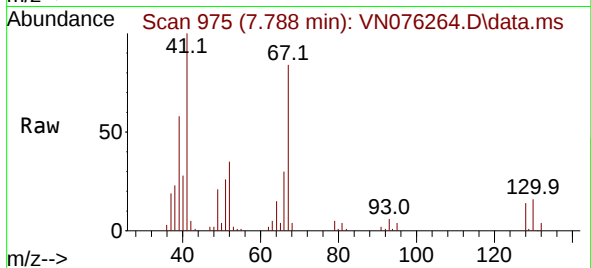
77 23.3 18.6 28.0





#41
Methacrylonitrile
Concen: 52.695 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

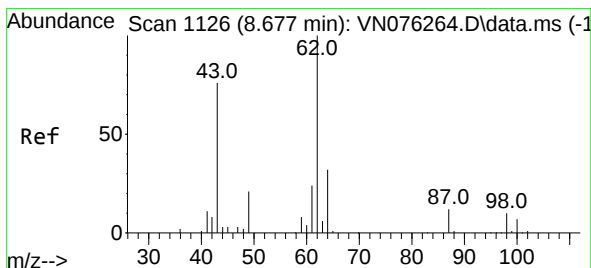
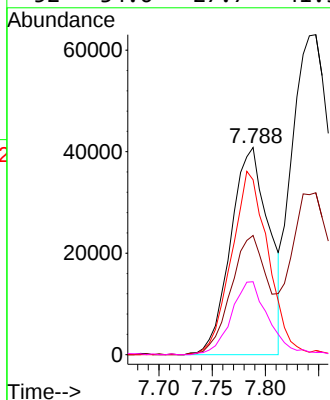
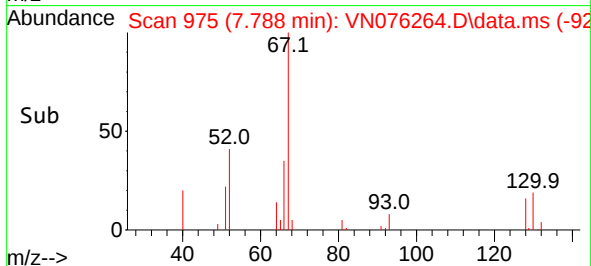
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 101944
Ion Ratio Lower Upper
41 100
39 53.0 42.4 63.6
67 86.0 68.8 103.2
52 34.6 27.7 41.5

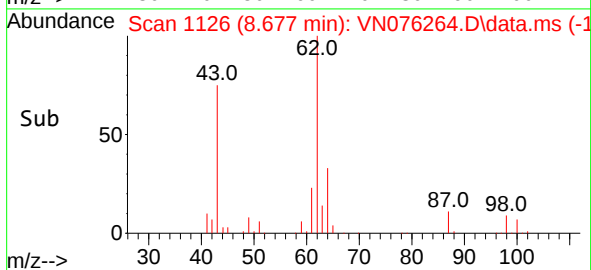
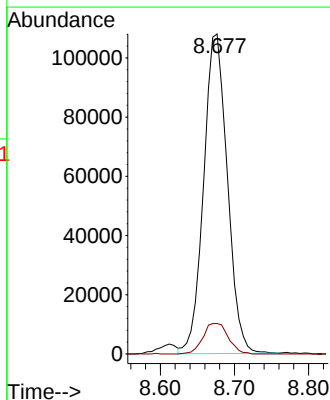
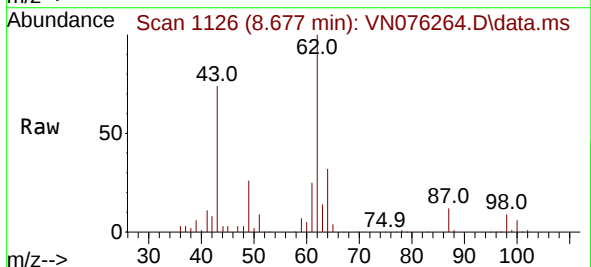
Manual Integrations
APPROVED

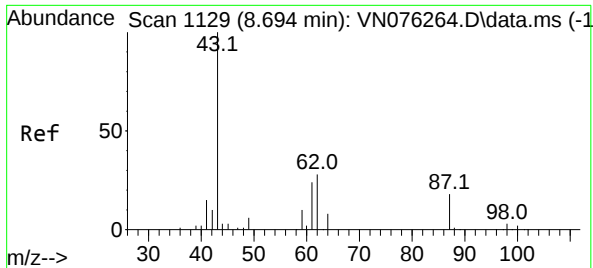
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#42
1,2-Dichloroethane
Concen: 49.549 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

Tgt Ion: 62 Resp: 239913
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.4





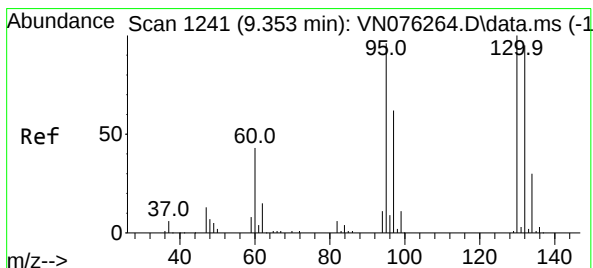
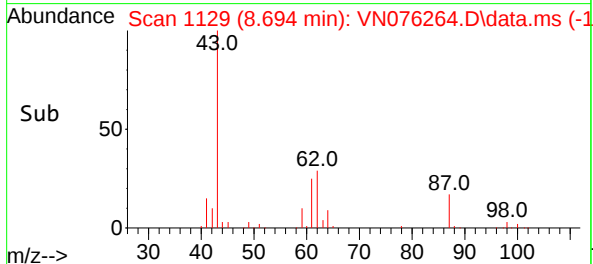
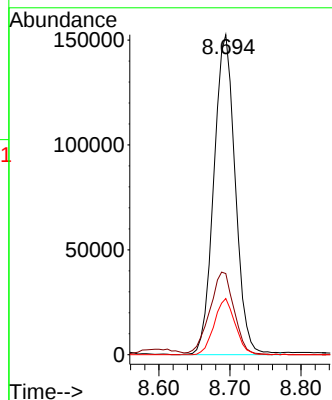
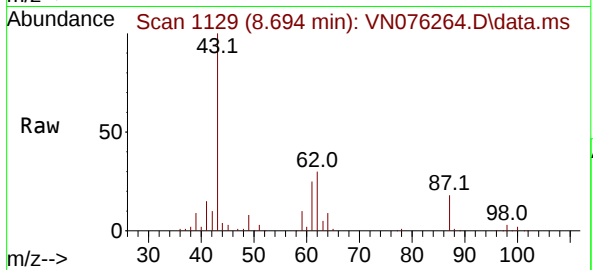
#43
Isopropyl Acetate
Concen: 39.187 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 31894
Ion Ratio Lower Upper
43 100
61 29.4 23.5 35.3
87 17.2 13.8 20.6

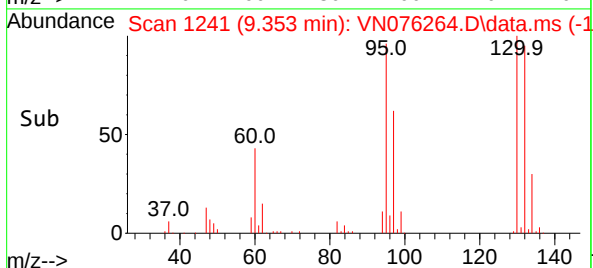
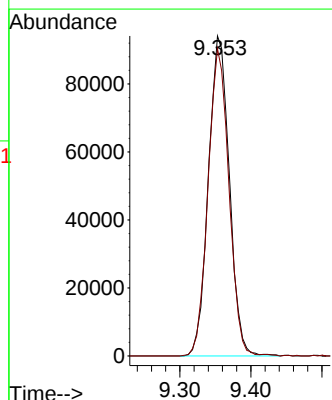
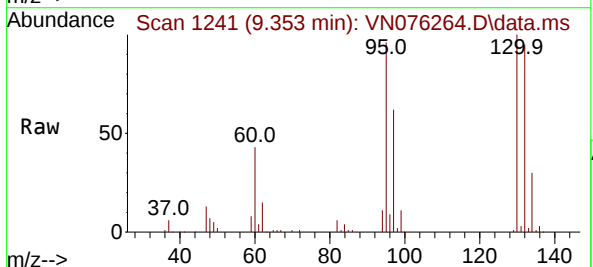
Manual Integrations
APPROVED

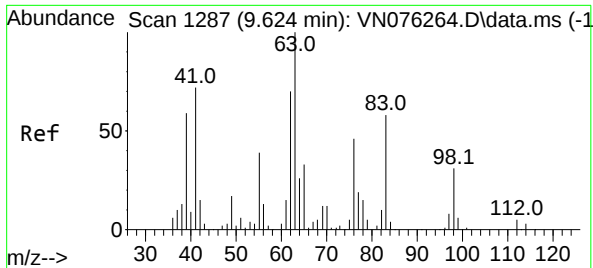
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#44
Trichloroethene
Concen: 48.717 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

Tgt Ion:130 Resp: 192795
Ion Ratio Lower Upper
130 100
95 96.0 0.0 192.0





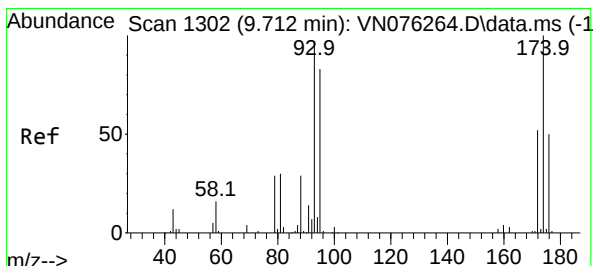
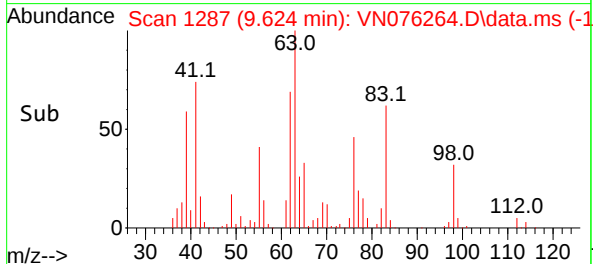
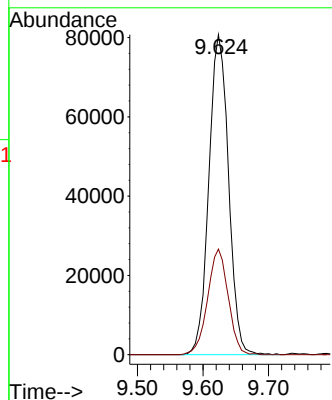
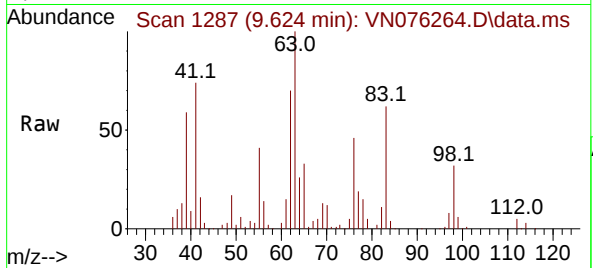
#45
1,2-Dichloropropane
Concen: 49.734 ug/l
RT: 9.624 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 63 Resp: 16811
Ion Ratio Lower Upper
63 100
65 33.0 26.4 39.6

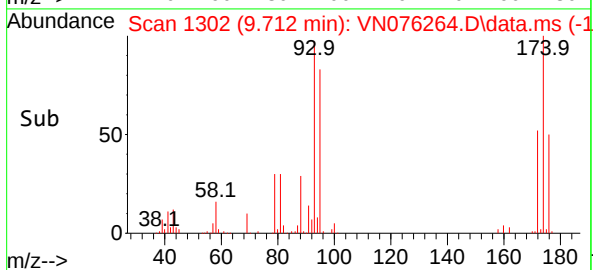
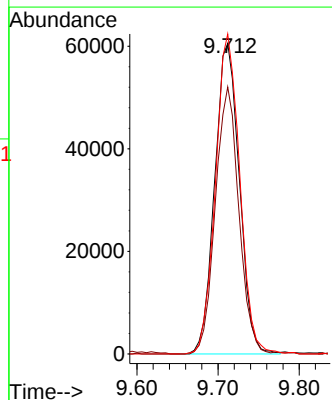
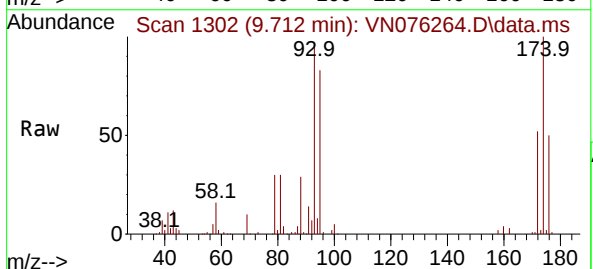
Manual Integrations
APPROVED

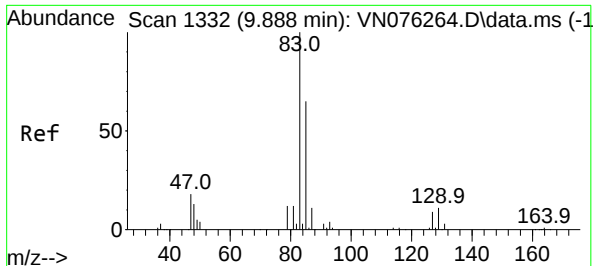
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#46
Dibromomethane
Concen: 50.388 ug/l
RT: 9.712 min Scan# 1302
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

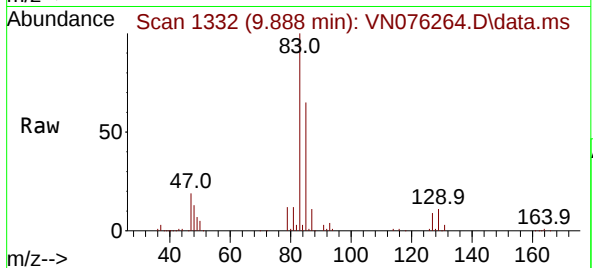
Tgt Ion: 93 Resp: 127706
Ion Ratio Lower Upper
93 100
95 82.5 66.0 99.0
174 101.6 81.3 121.9





#47
Bromodichloromethane
Concen: 51.571 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

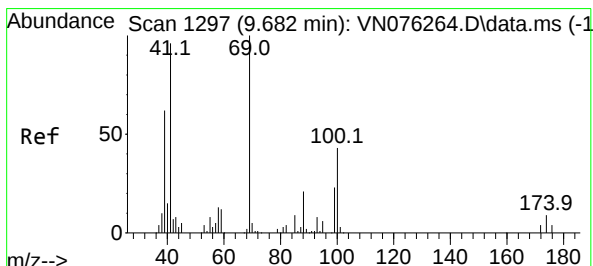
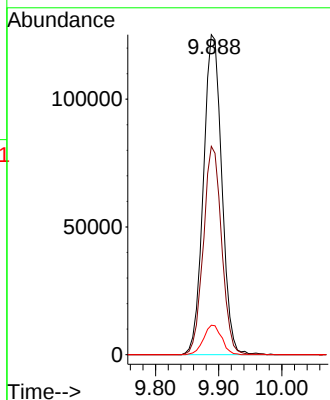
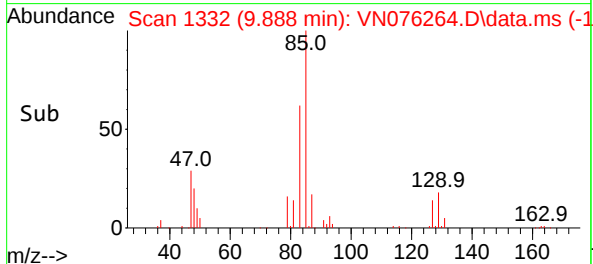
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



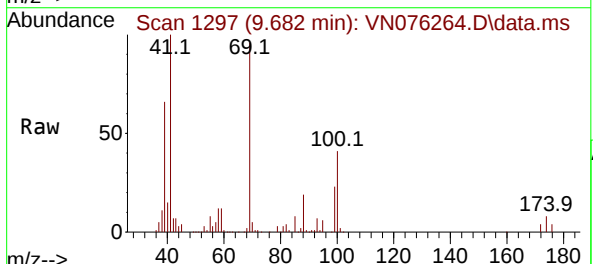
Tgt Ion: 83 Resp: 252950
Ion Ratio Lower Upper
83 100
85 65.1 52.1 78.1
127 9.2 7.4 11.0

Manual Integrations
APPROVED

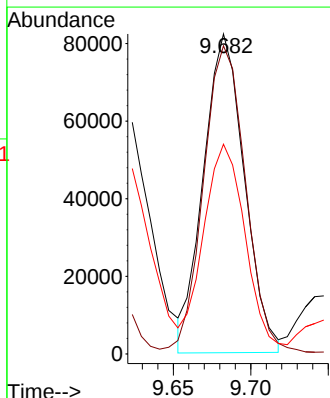
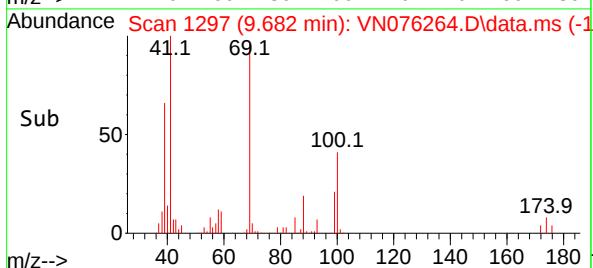
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

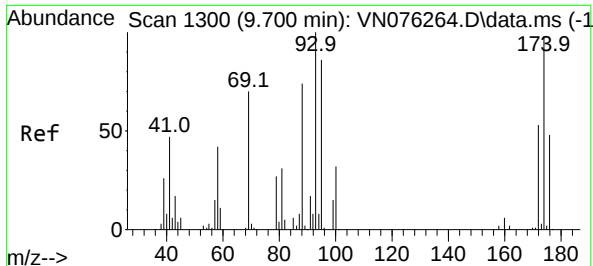


#48
Methyl methacrylate
Concen: 53.738 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06



Tgt Ion: 41 Resp: 150846
Ion Ratio Lower Upper
41 100
69 101.0 80.8 121.2
39 68.0 54.4 81.6





#49

1,4-Dioxane

Concen: 1101.092 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076264.D

Acq: 16 Jan 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 6687

Ion Ratio Lower Upper

88 100

43 22.6 18.1 27.1

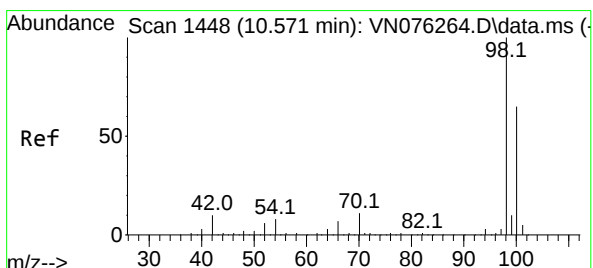
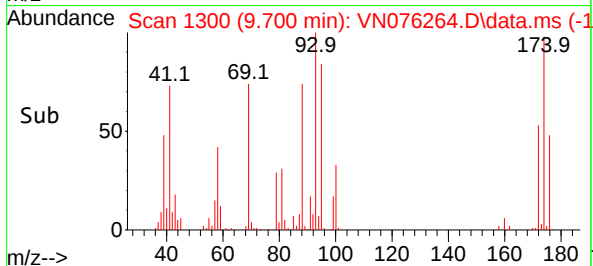
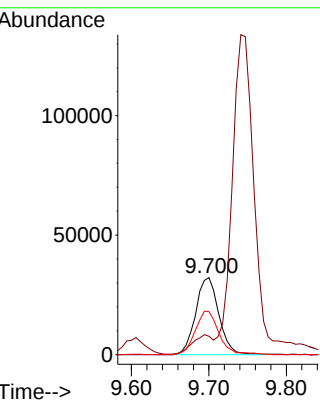
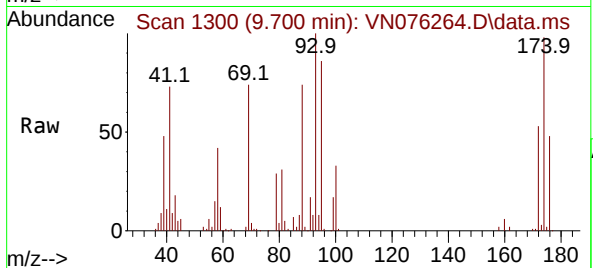
58 58.1 46.5 69.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#50

Toluene-d8

Concen: 50.417 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN076264.D

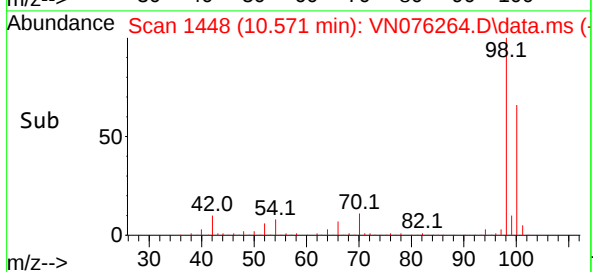
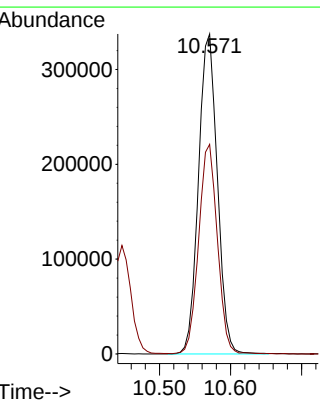
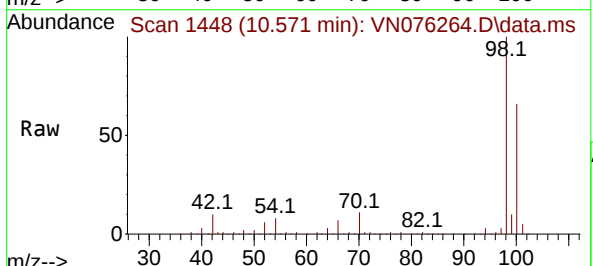
Acq: 16 Jan 2023 12:06

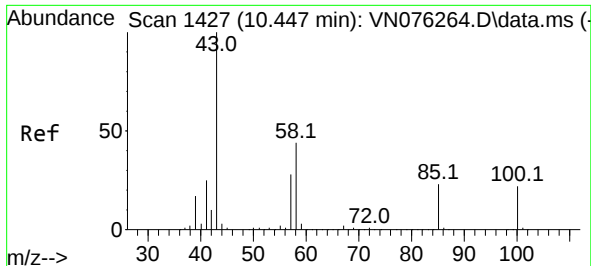
Tgt Ion: 98 Resp: 621427

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.4





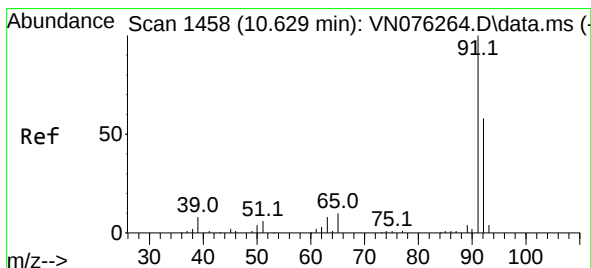
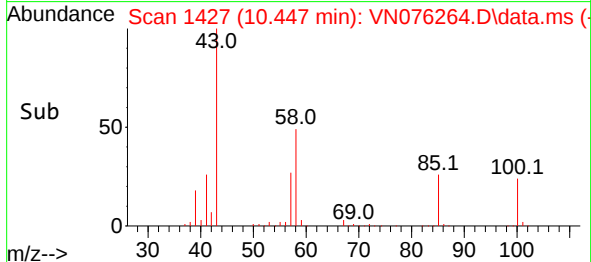
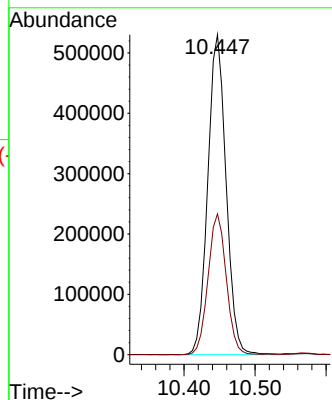
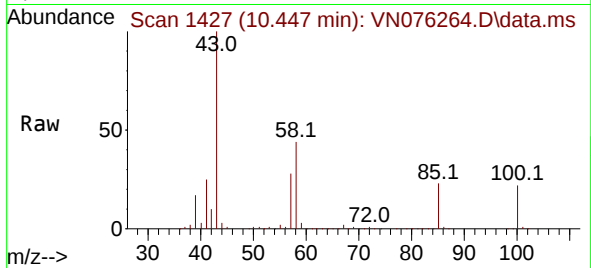
#51
4-Methyl-2-Pentanone
Concen: 263.252 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 94954
Ion Ratio Lower Upper
43 100
58 43.9 35.1 52.7

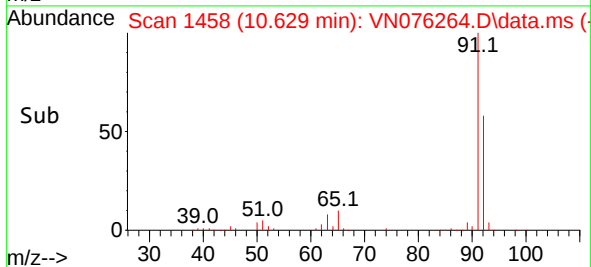
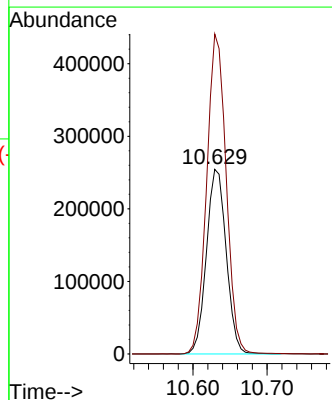
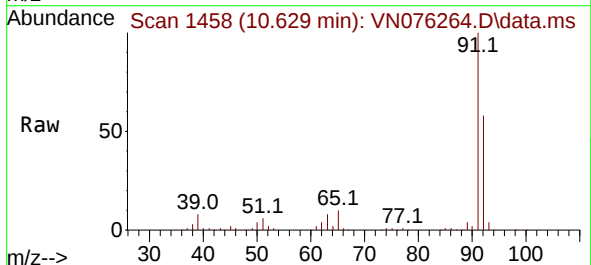
Manual Integrations
APPROVED

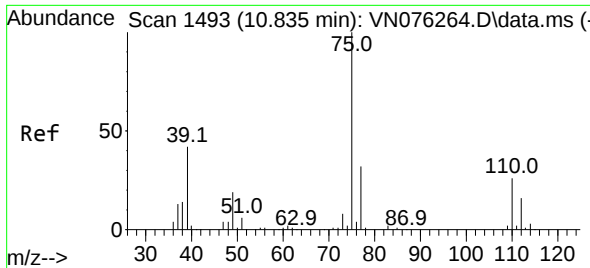
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#52
Toluene
Concen: 50.747 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

Tgt Ion: 92 Resp: 472098
Ion Ratio Lower Upper
92 100
91 170.8 136.6 205.0





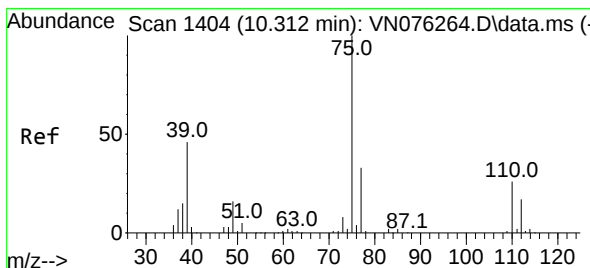
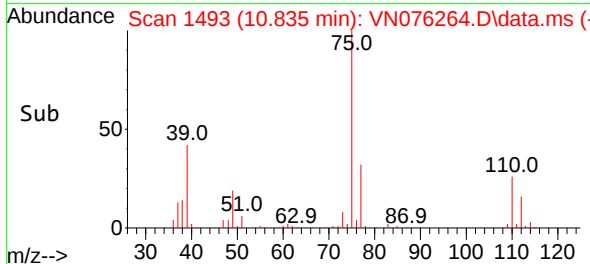
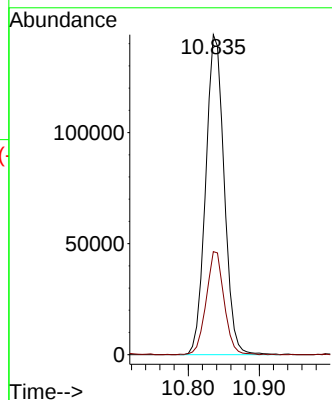
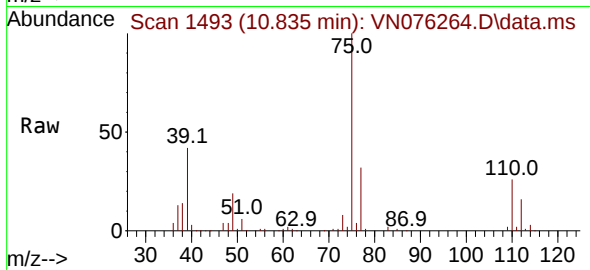
#53
t-1,3-Dichloropropene
Concen: 55.686 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 260689
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.6

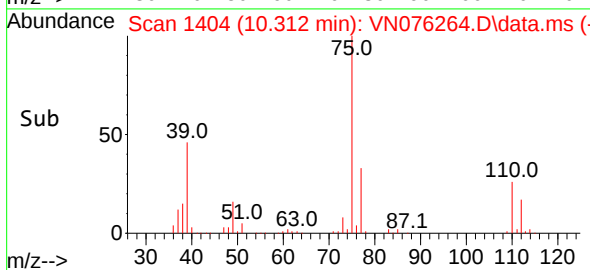
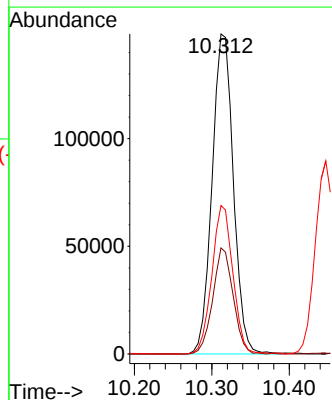
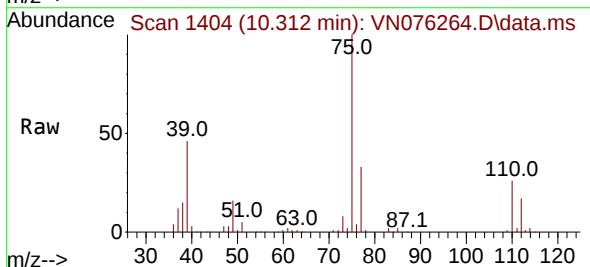
Manual Integrations
APPROVED

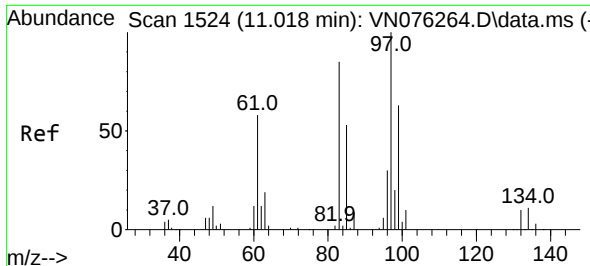
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#54
cis-1,3-Dichloropropene
Concen: 53.228 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

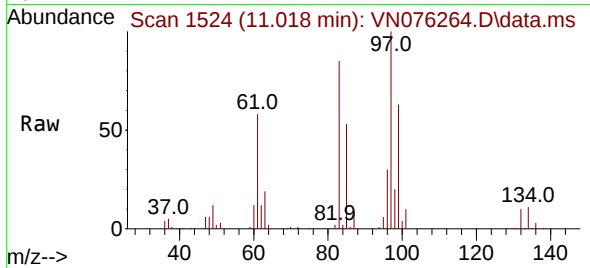
Tgt Ion: 75 Resp: 283382
Ion Ratio Lower Upper
75 100
77 33.1 26.5 39.7
39 46.4 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 50.015 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

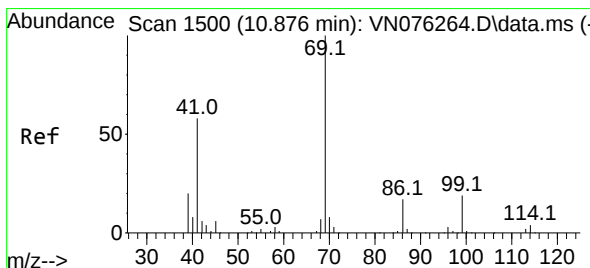
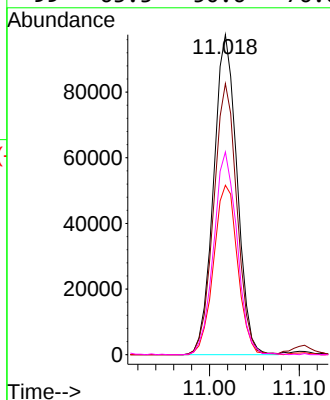
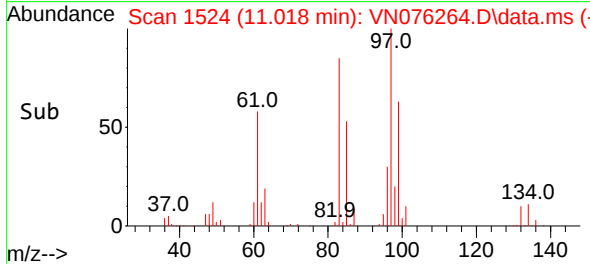
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 97 Resp: 17684
Ion Ratio Lower Upper
97 100
83 84.7 67.8 101.6
85 52.9 42.3 63.5
99 63.3 50.6 76.0

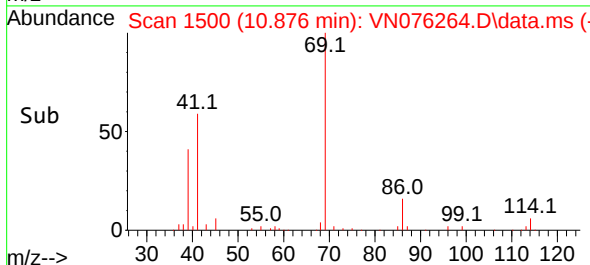
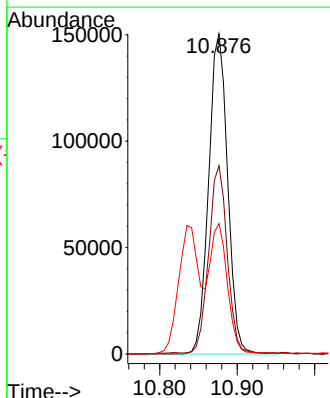
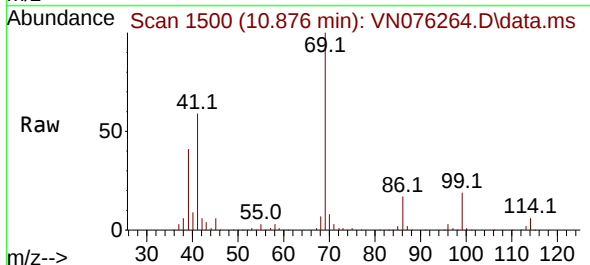
Manual Integrations
APPROVED

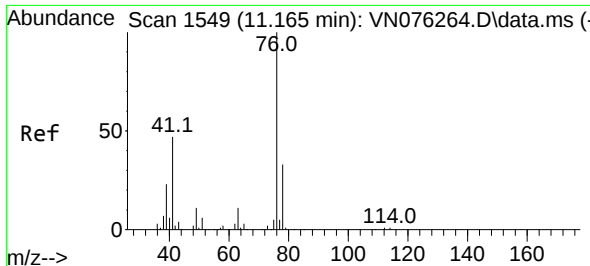
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#56
Ethyl methacrylate
Concen: 55.405 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

Tgt Ion: 69 Resp: 255967
Ion Ratio Lower Upper
69 100
41 56.6 45.3 67.9
39 36.6 29.3 43.9





#57

1,3-Dichloropropane

Concen: 52.009 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. 0.000 min

Lab File: VN076264.D

Acq: 16 Jan 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 296980

Ion Ratio Lower Upper

76 100

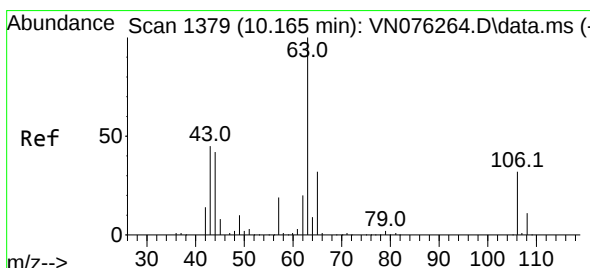
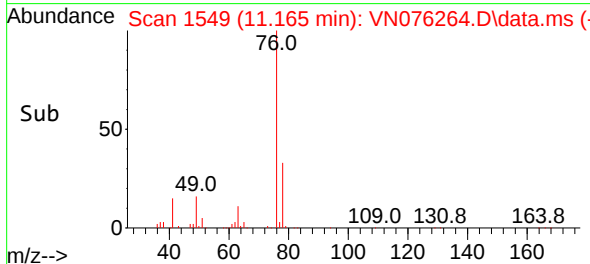
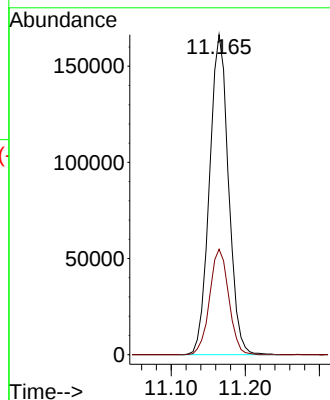
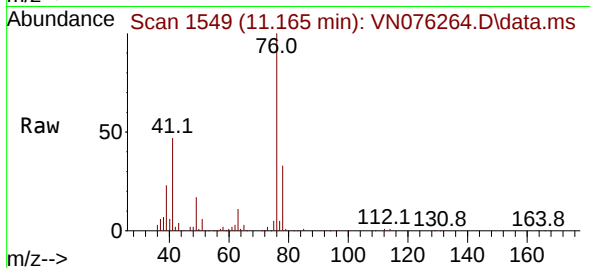
78 33.0 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#58

2-Chloroethyl Vinyl ether

Concen: 277.362 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN076264.D

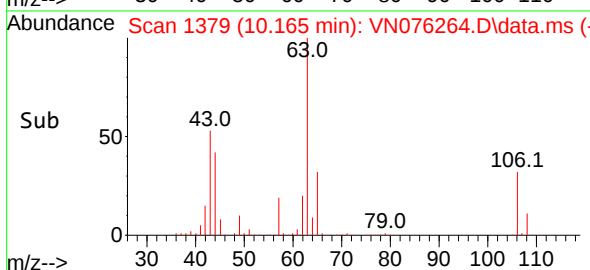
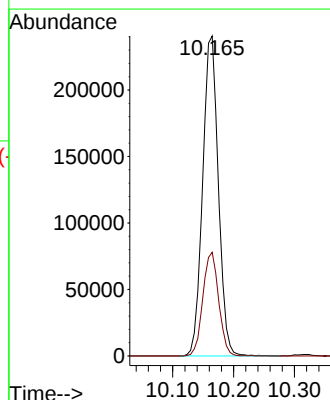
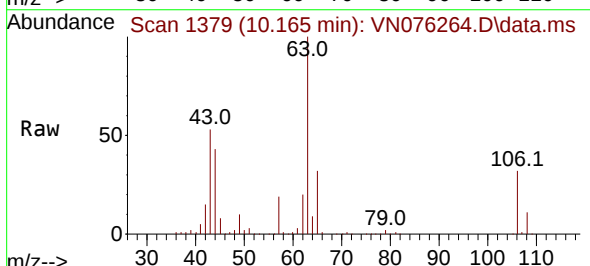
Acq: 16 Jan 2023 12:06

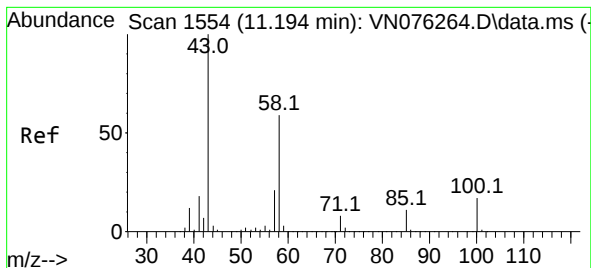
Tgt Ion: 63 Resp: 430143

Ion Ratio Lower Upper

63 100

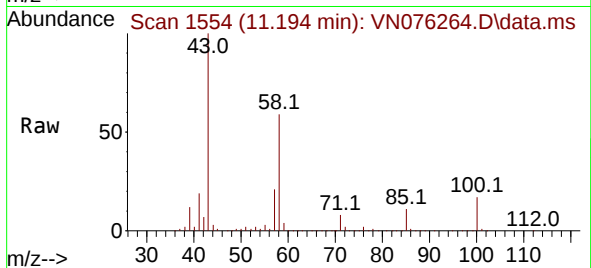
106 32.7 26.2 39.2





#59
2-Hexanone
Concen: 267.869 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

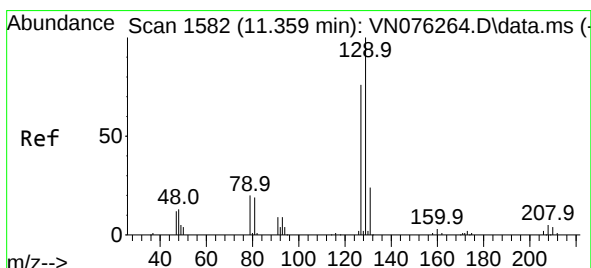
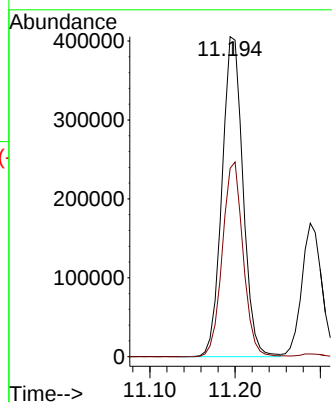
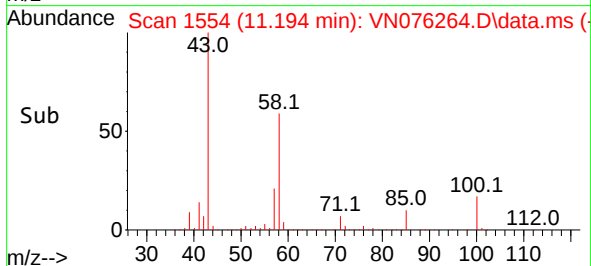
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 694975
Ion Ratio Lower Upper
43 100
58 60.2 30.1 90.3

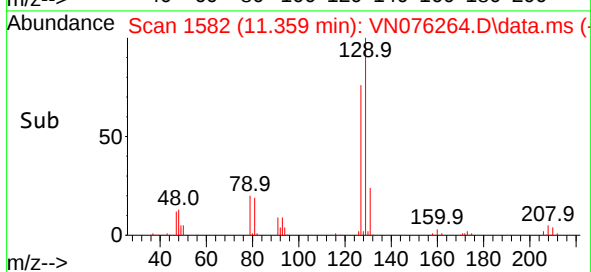
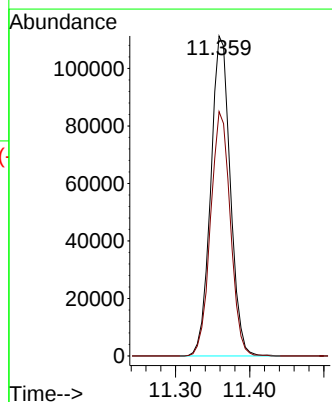
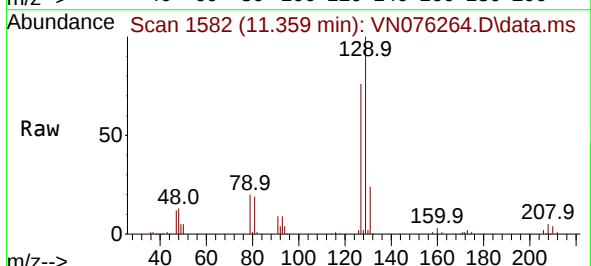
Manual Integrations
APPROVED

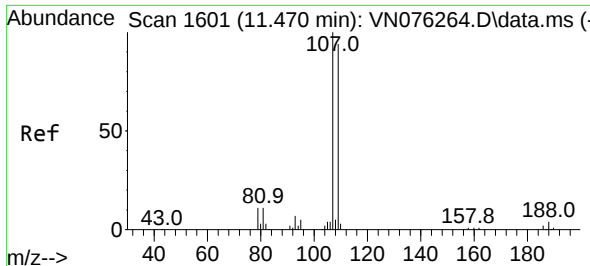
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#60
Dibromochloromethane
Concen: 52.662 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

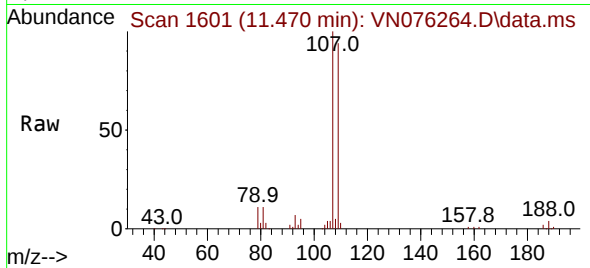
Tgt Ion:129 Resp: 203721
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1





#61
1,2-Dibromoethane
Concen: 52.087 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

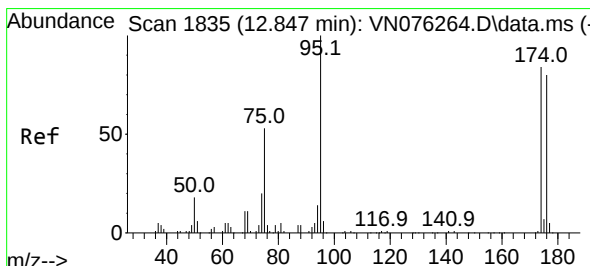
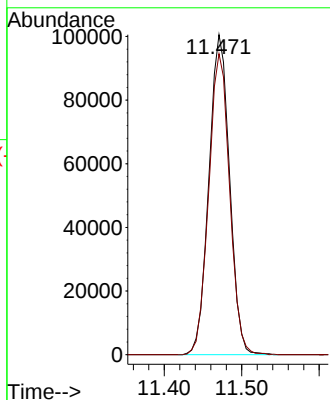
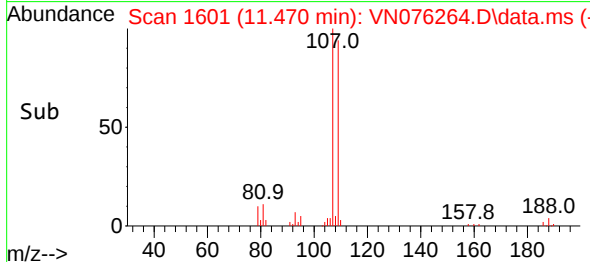
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:107 Resp: 186523
Ion Ratio Lower Upper
107 100
109 95.0 76.0 114.0

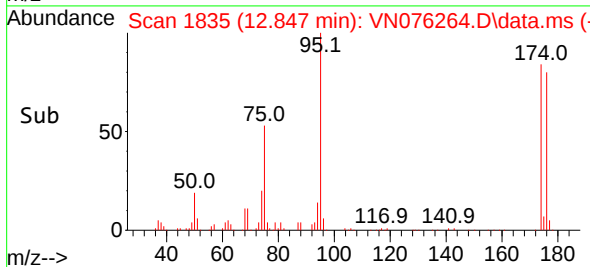
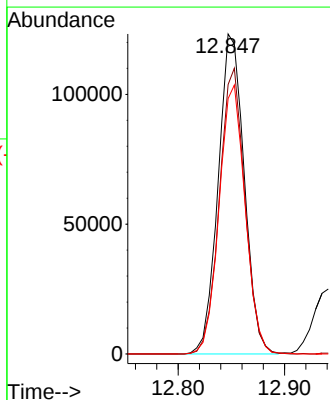
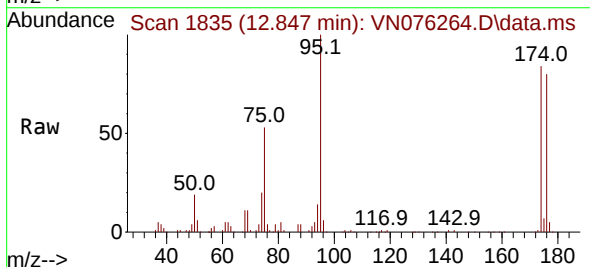
Manual Integrations
APPROVED

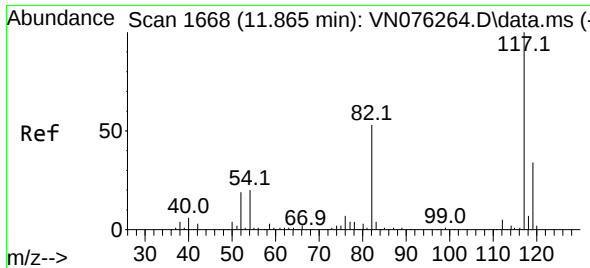
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#62
4-Bromofluorobenzene
Concen: 52.056 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

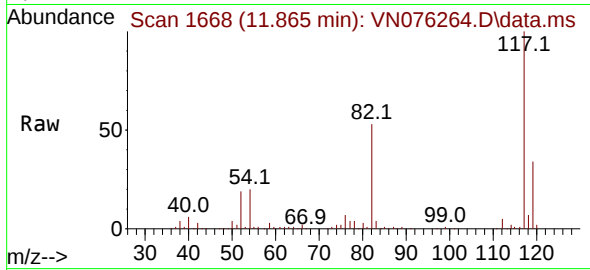
Tgt Ion: 95 Resp: 209462
Ion Ratio Lower Upper
95 100
174 87.3 0.0 174.6
176 83.9 0.0 167.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

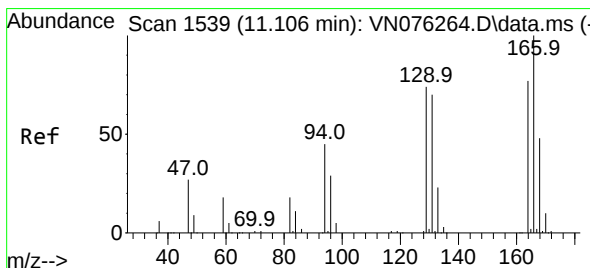
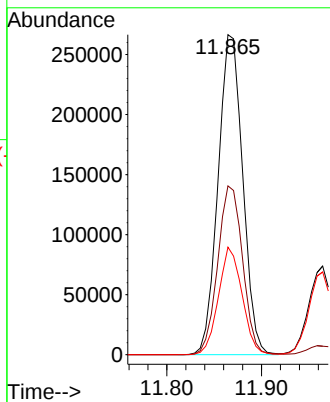
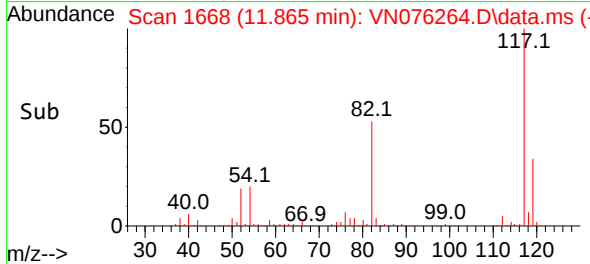
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



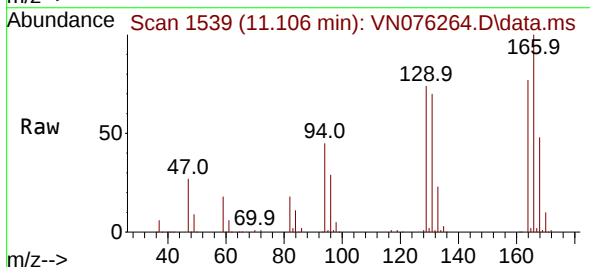
Tgt Ion:117 Resp: 48275
Ion Ratio Lower Upper
117 100
82 52.7 42.2 63.2
119 33.6 26.9 40.3

Manual Integrations
APPROVED

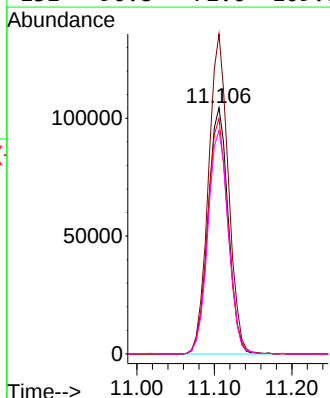
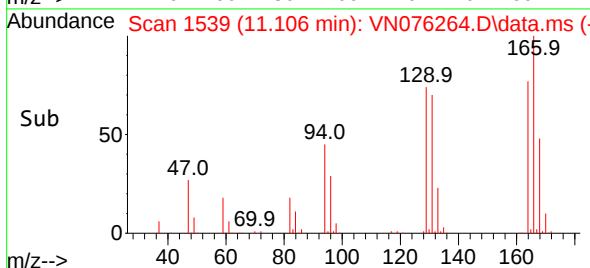
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

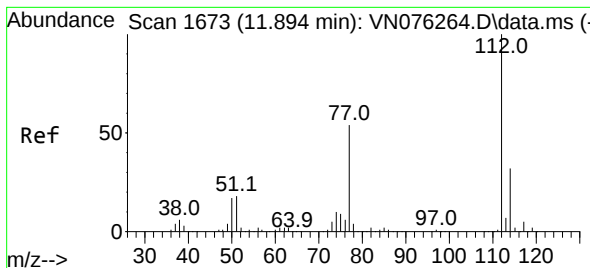


#64
Tetrachloroethene
Concen: 44.496 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06



Tgt Ion:164 Resp: 189737
Ion Ratio Lower Upper
164 100
166 130.0 104.0 156.0
129 95.7 76.6 114.8
131 90.8 72.6 109.0





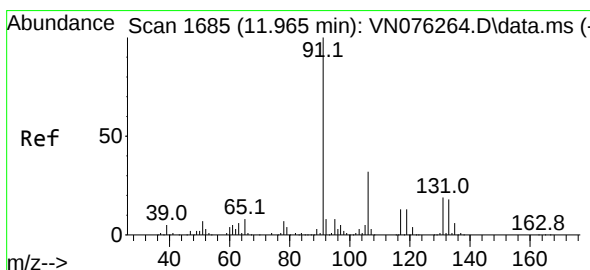
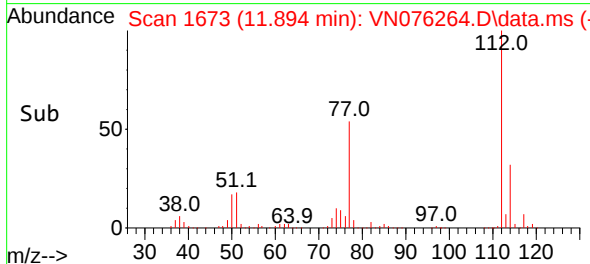
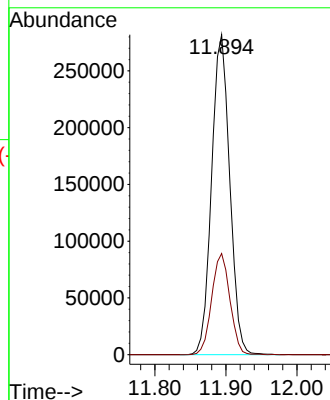
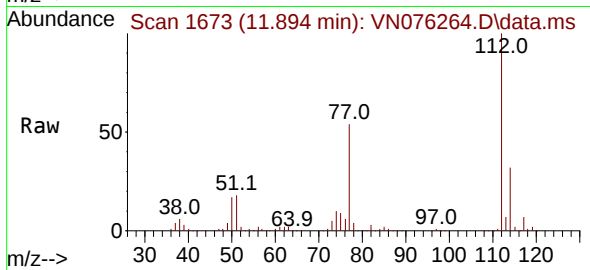
#65
Chlorobenzene
Concen: 49.352 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 49898
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9

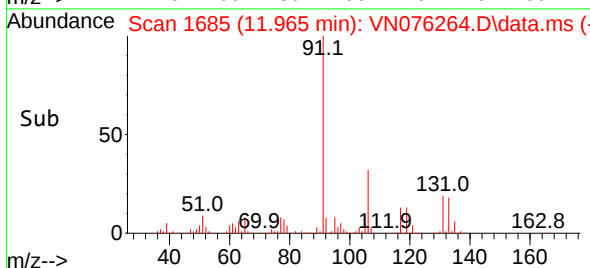
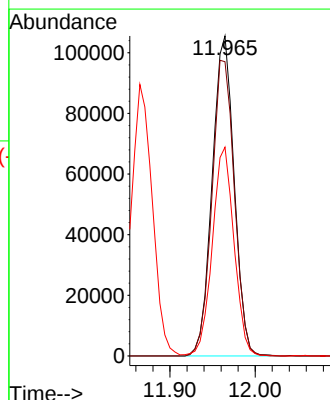
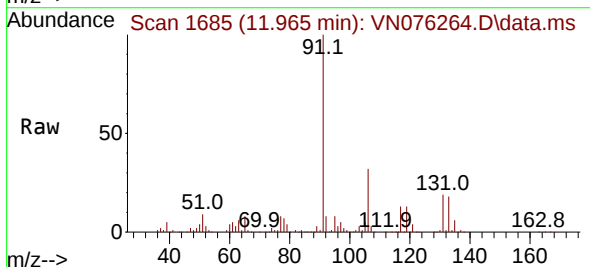
Manual Integrations
APPROVED

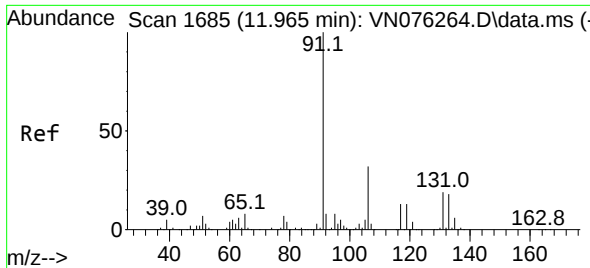
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 50.139 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

Tgt Ion:131 Resp: 188538
Ion Ratio Lower Upper
131 100
133 94.8 47.4 142.2
119 64.5 32.3 96.8





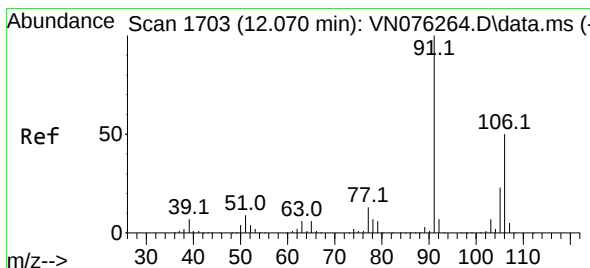
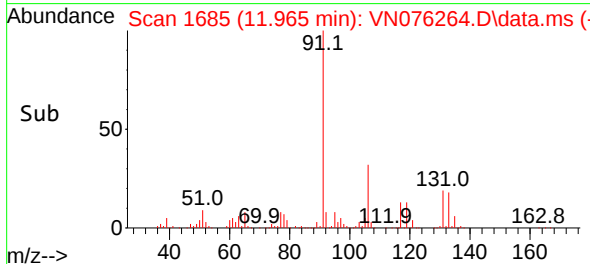
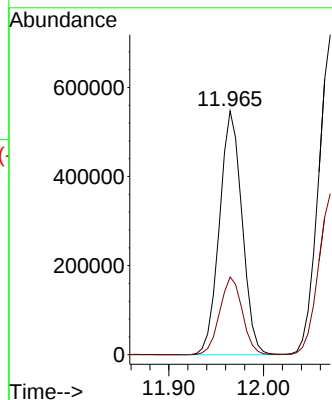
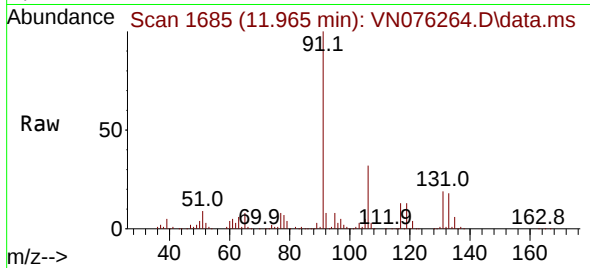
#67
Ethyl Benzene
Concen: 52.204 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 90748
Ion Ratio Lower Upper
91 100
106 31.9 25.5 38.3

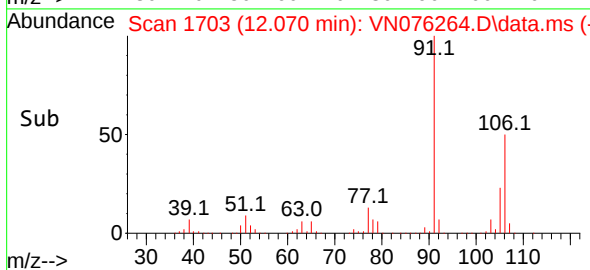
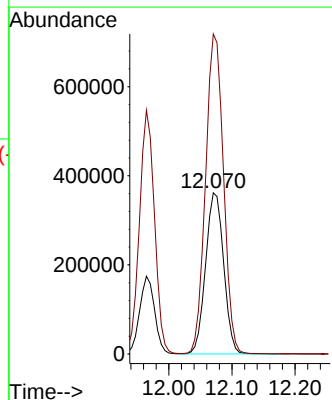
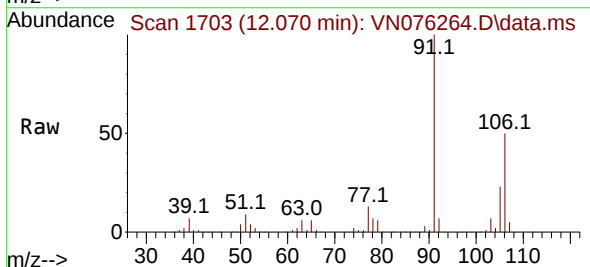
Manual Integrations
APPROVED

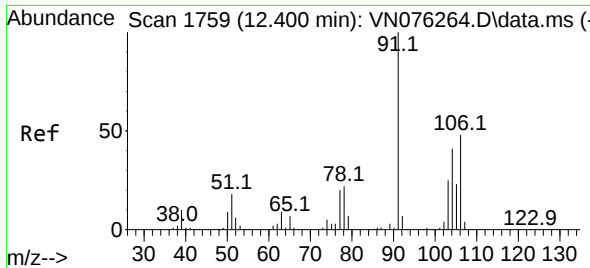
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#68
m/p-Xylenes
Concen: 104.797 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

Tgt Ion:106 Resp: 719578
Ion Ratio Lower Upper
106 100
91 196.9 157.5 236.3





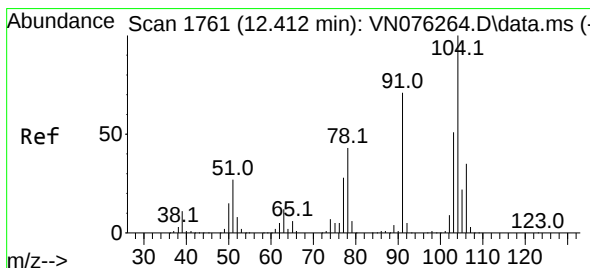
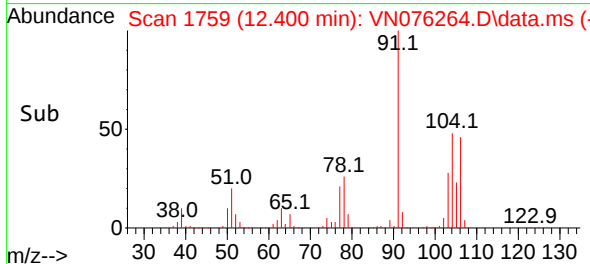
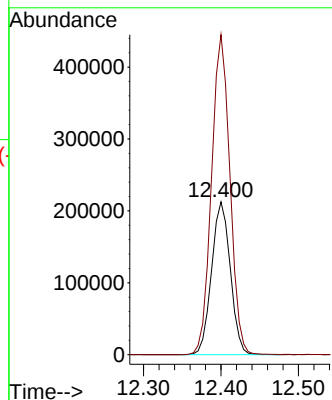
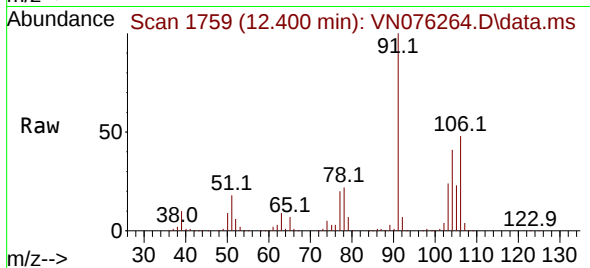
#69
o-Xylene
Concen: 52.962 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 356554
Ion Ratio Lower Upper
106 100
91 206.3 103.2 309.4

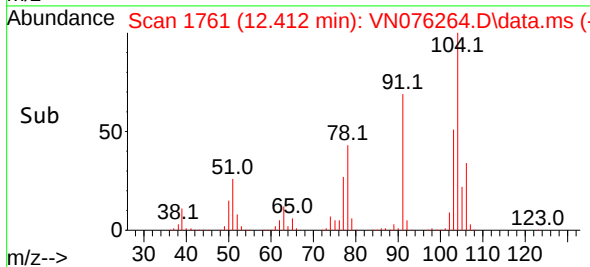
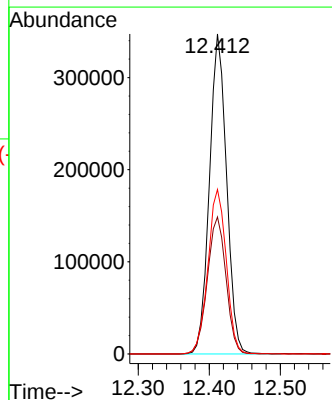
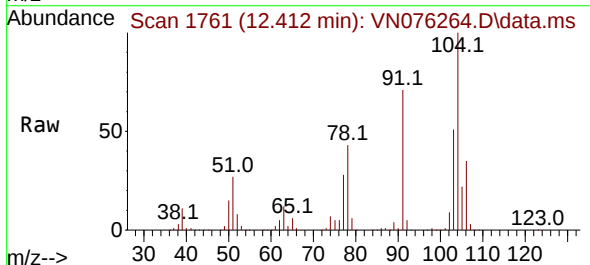
Manual Integrations
APPROVED

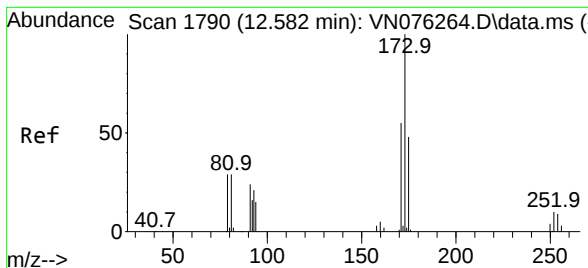
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#70
Styrene
Concen: 54.638 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

Tgt Ion:104 Resp: 582214
Ion Ratio Lower Upper
104 100
78 46.7 37.4 56.0
103 55.2 44.2 66.2





#71

Bromoform

Concen: 53.853 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VN076264.D

Acq: 16 Jan 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:173 Resp: 146734

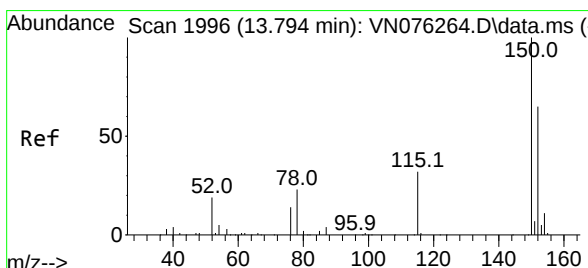
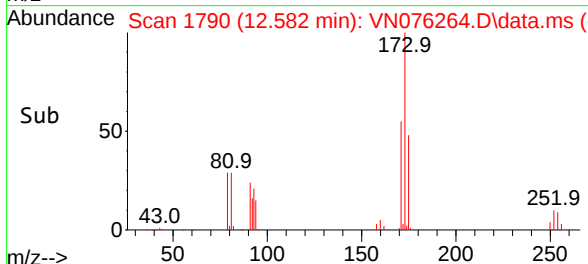
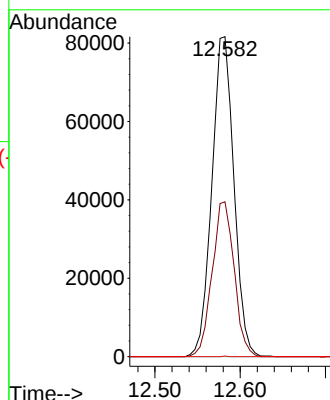
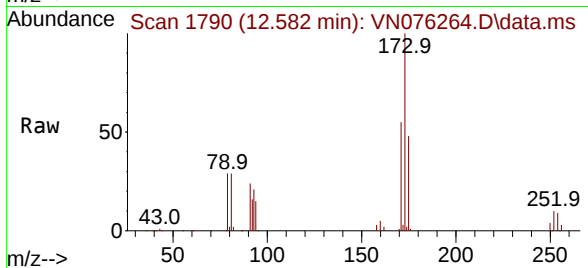
Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

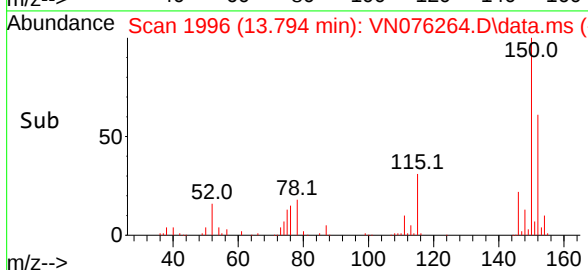
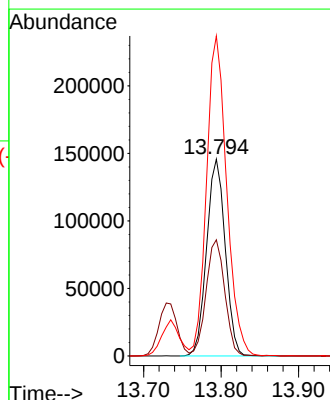
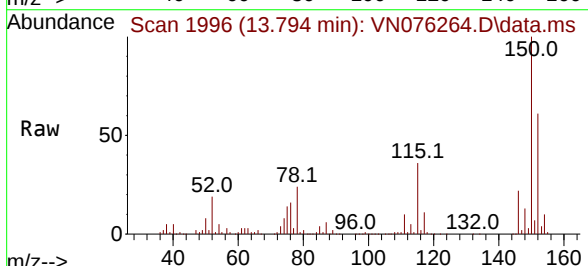
Delta R.T. 0.000 min

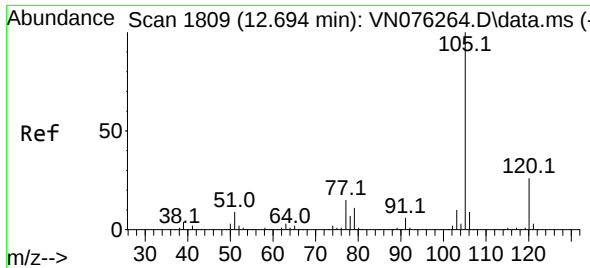
Lab File: VN076264.D

Acq: 16 Jan 2023 12:06

Tgt Ion:152 Resp: 243254

Ion	Ratio	Lower	Upper
152	100		
115	59.3	29.6	88.9
150	175.7	0.0	351.4





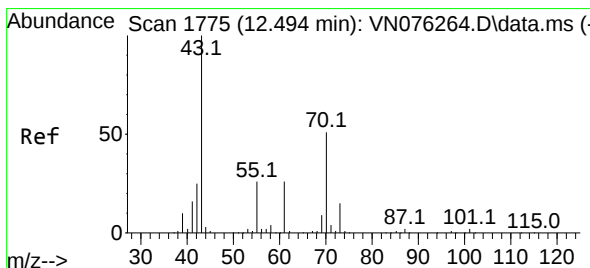
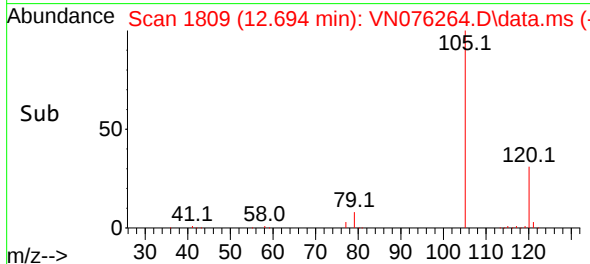
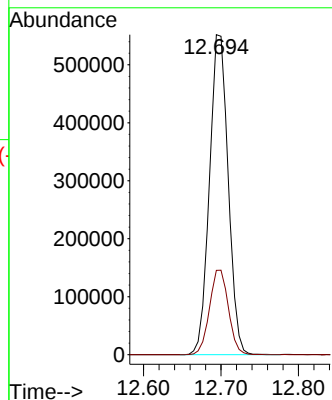
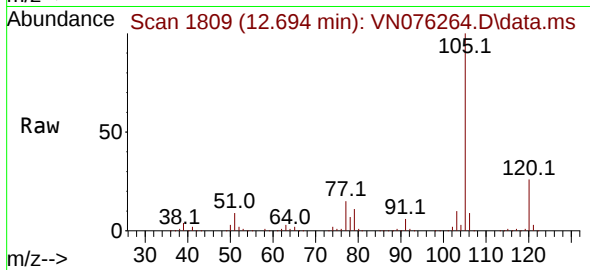
#73
Isopropylbenzene
Concen: 49.881 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 92572
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1

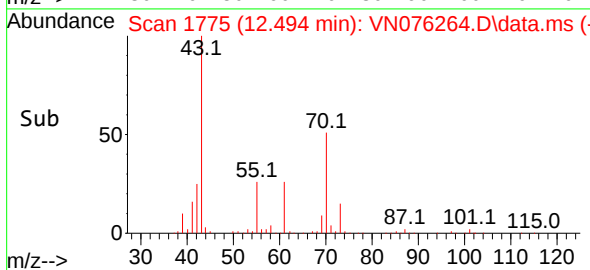
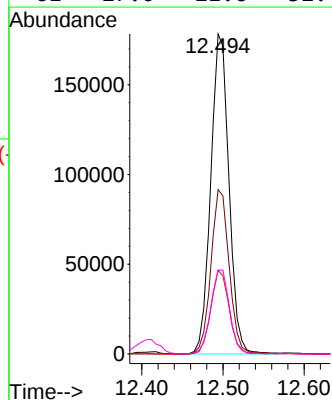
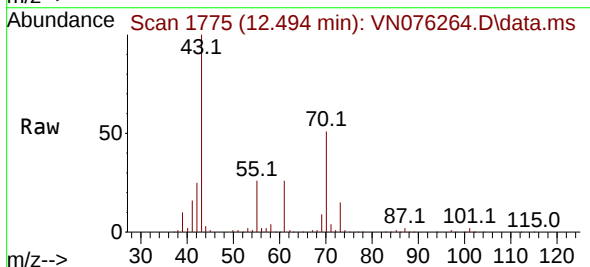
Manual Integrations
APPROVED

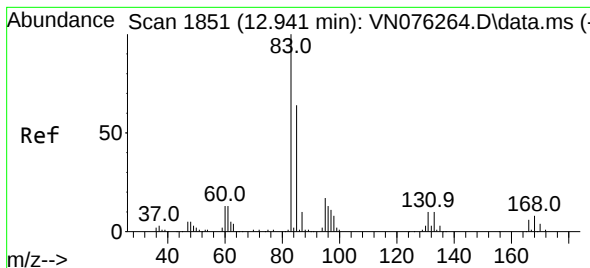
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#74
N-ethyl acetate
Concen: 52.987 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

Tgt Ion: 43 Resp: 277388
Ion Ratio Lower Upper
43 100
70 51.5 41.2 61.8
55 26.3 21.0 31.6
61 27.0 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.141 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VN076264.D

Acq: 16 Jan 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 25713

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

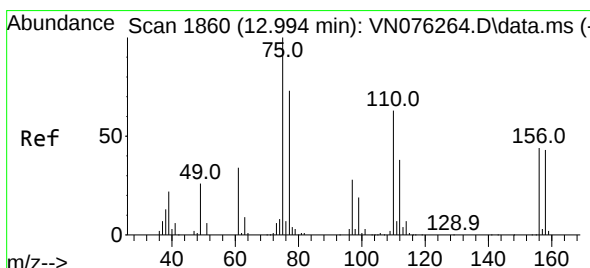
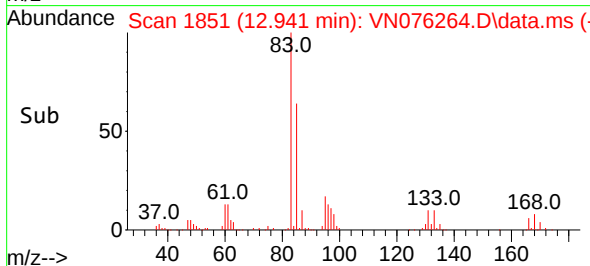
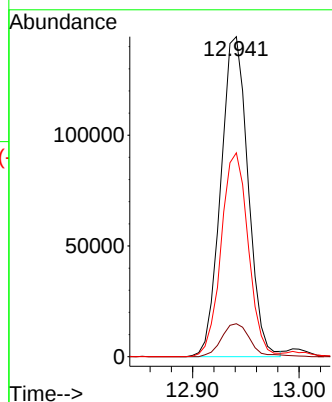
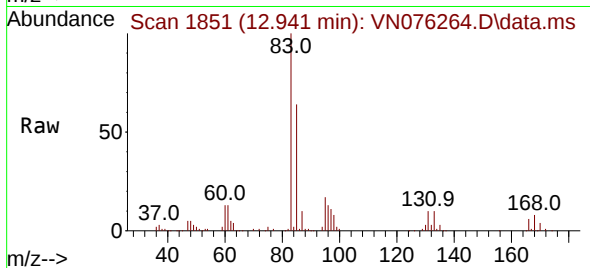
85 63.4 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#76

1,2,3-Trichloropropane

Concen: 44.607 ug/l m

RT: 12.994 min Scan# 1860

Delta R.T. 0.000 min

Lab File: VN076264.D

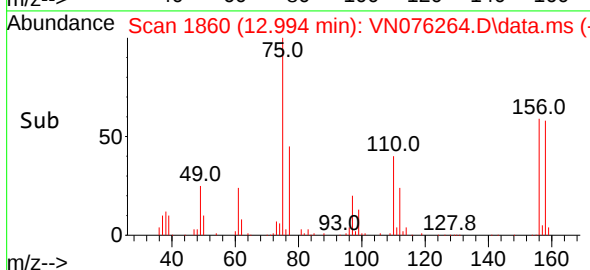
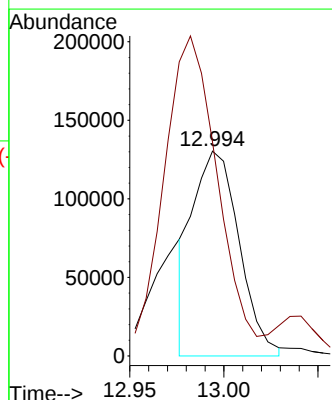
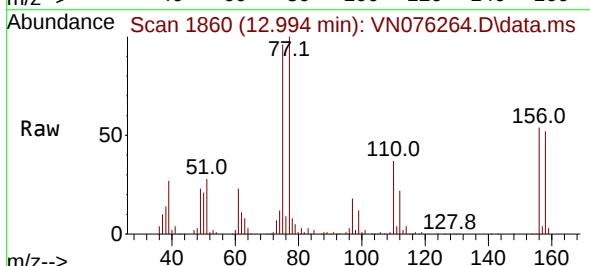
Acq: 16 Jan 2023 12:06

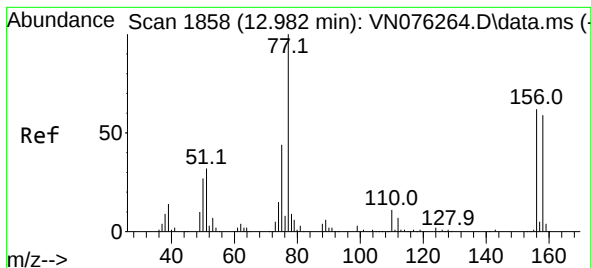
Tgt Ion: 75 Resp: 223276

Ion Ratio Lower Upper

75 100

77 182.0 75.2 225.6





#77

Bromobenzene

Concen: 46.980 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN076264.D

Acq: 16 Jan 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

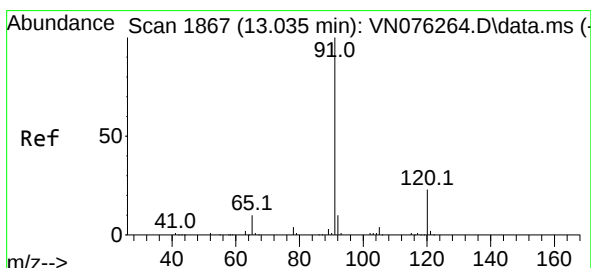
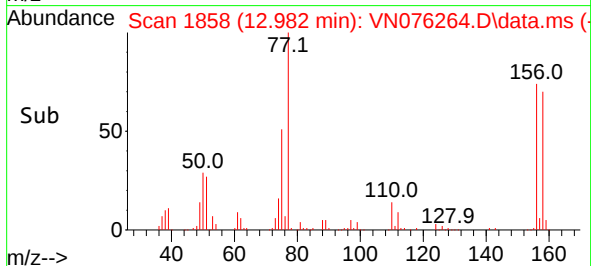
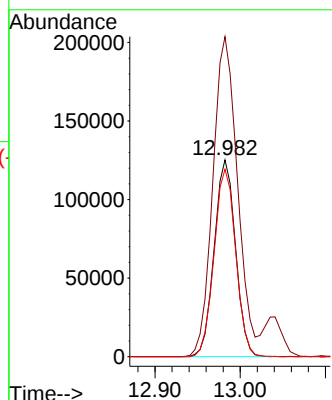
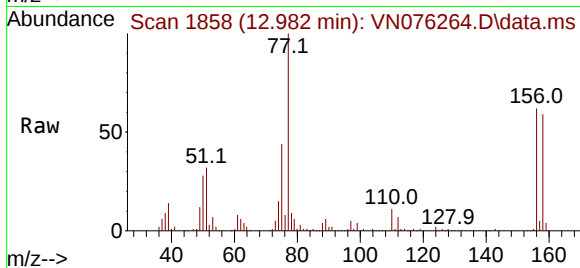
Tgt Ion:	156	Resp:	21752
Ion Ratio	Lower	Upper	
156	100		
77	186.8	93.4	280.2
158	96.8	48.4	145.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#78

n-propylbenzene

Concen: 51.778 ug/l

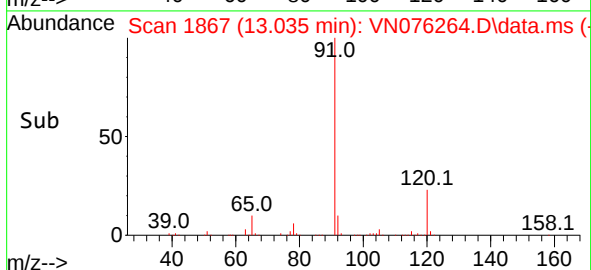
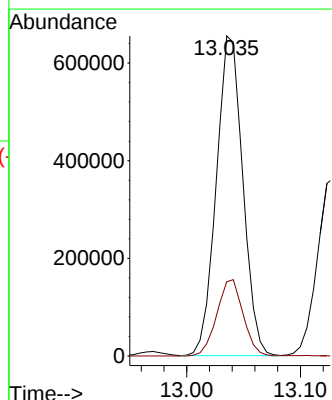
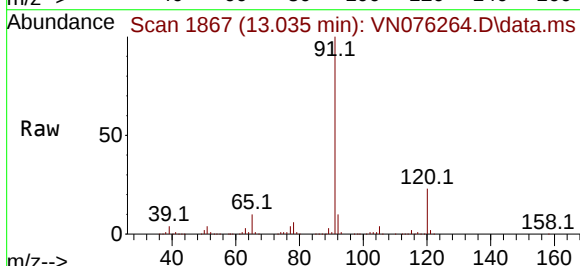
RT: 13.035 min Scan# 1867

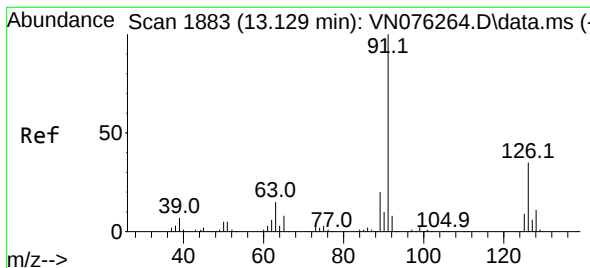
Delta R.T. 0.000 min

Lab File: VN076264.D

Acq: 16 Jan 2023 12:06

Tgt Ion:	91	Resp:	1062200
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.9	35.5





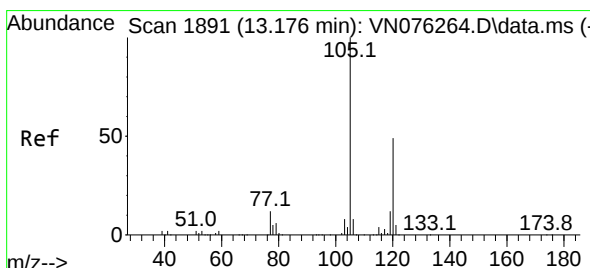
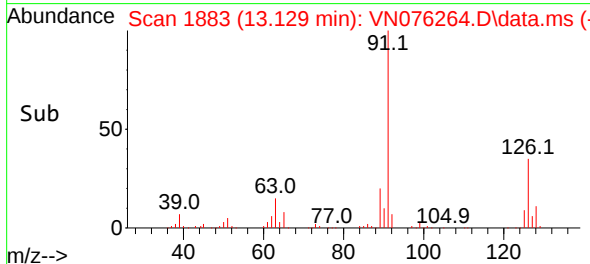
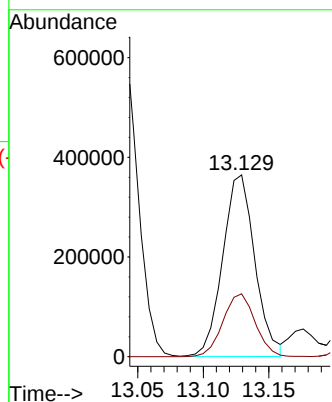
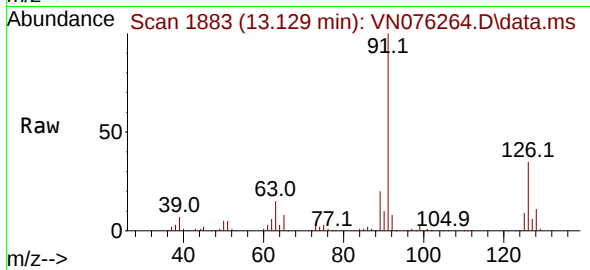
#79
2-Chlorotoluene
Concen: 48.624 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 621318
Ion Ratio Lower Upper
91 100
126 34.8 17.4 52.2

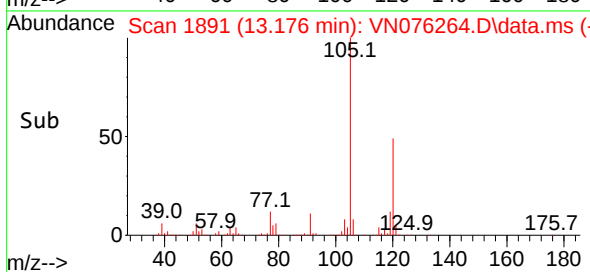
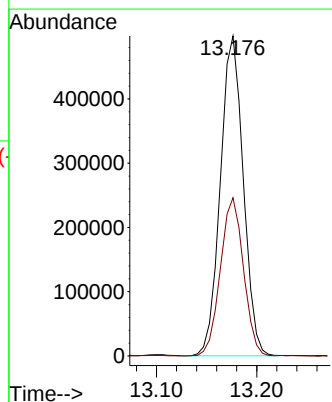
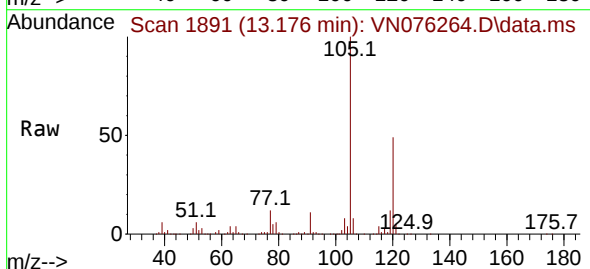
Manual Integrations
APPROVED

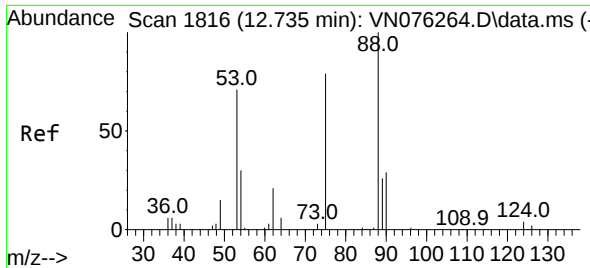
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#80
1,3,5-Trimethylbenzene
Concen: 50.415 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

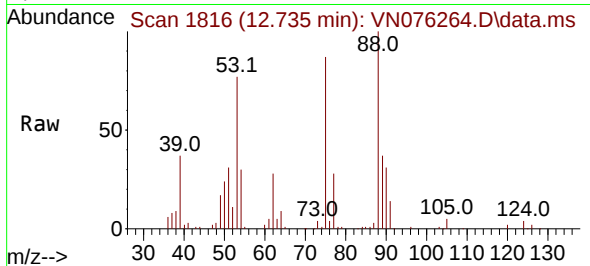
Tgt Ion:105 Resp: 787365
Ion Ratio Lower Upper
105 100
120 50.0 25.0 75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 53.135 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

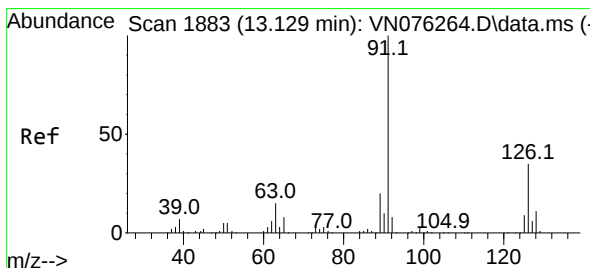
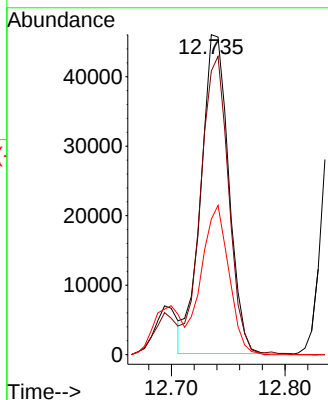
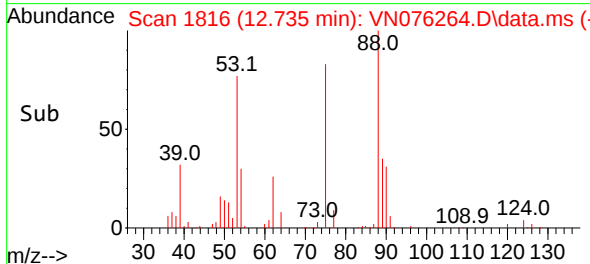
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



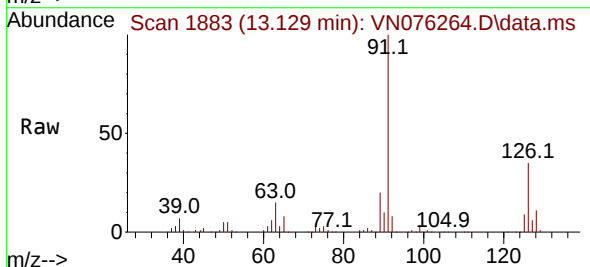
Tgt Ion: 75 Resp: 77684
Ion Ratio Lower Upper
75 100
53 94.8 75.8 113.8
89 46.3 37.0 55.6

Manual Integrations
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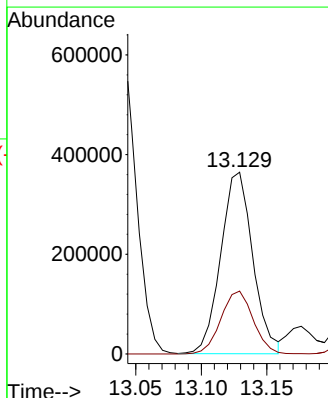
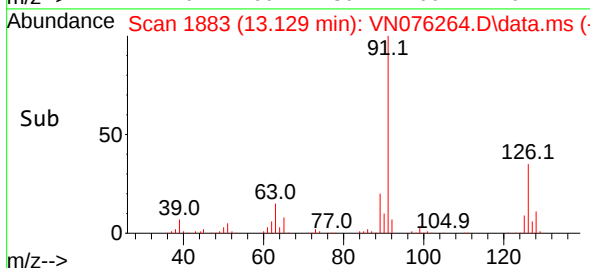
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

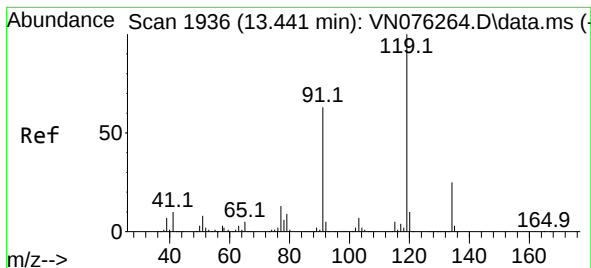


#82
4-Chlorotoluene
Concen: 48.624 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06



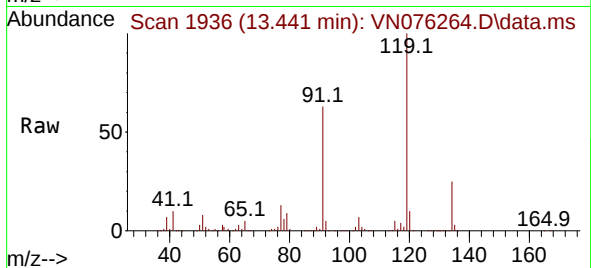
Tgt Ion: 91 Resp: 621318
Ion Ratio Lower Upper
91 100
126 34.8 17.4 52.2





#83
tert-Butylbenzene
Concen: 49.784 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

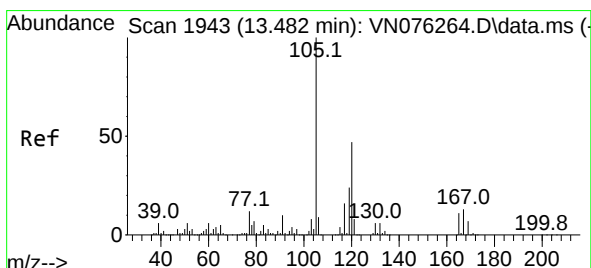
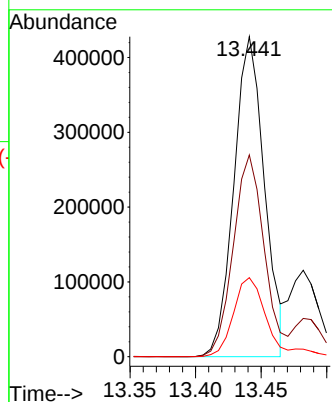
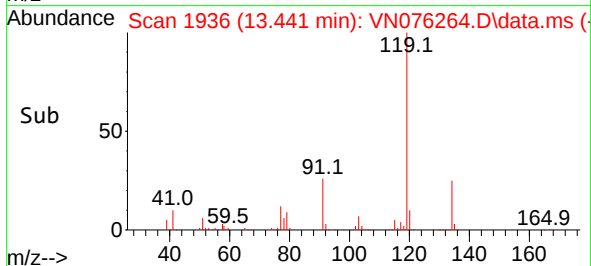
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:119 Resp: 693410
Ion Ratio Lower Upper
119 100
91 64.4 32.2 96.6
134 27.2 13.6 40.8

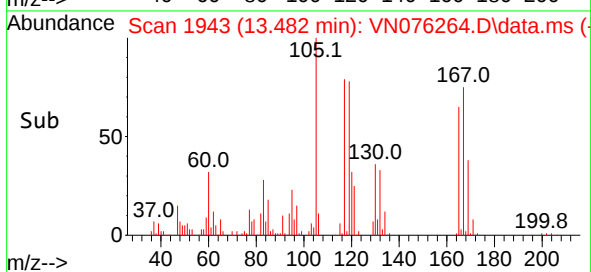
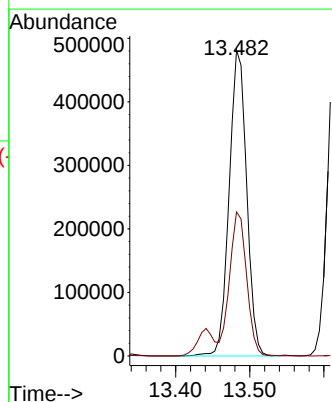
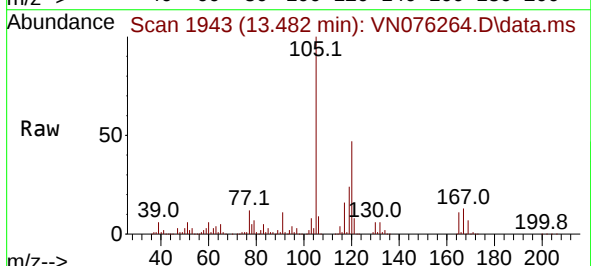
Manual Integrations
APPROVED

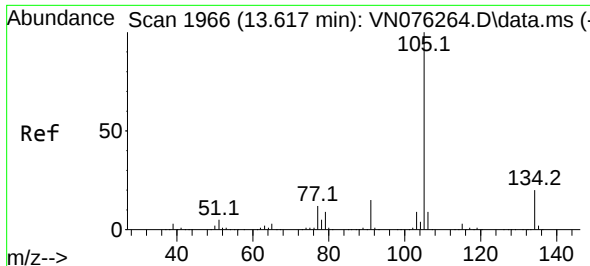
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#84
1,2,4-Trimethylbenzene
Concen: 51.735 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

Tgt Ion:105 Resp: 788992
Ion Ratio Lower Upper
105 100
120 45.7 22.9 68.5





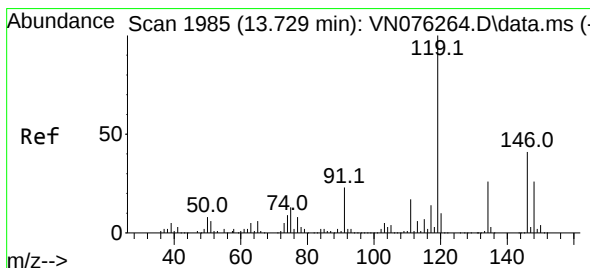
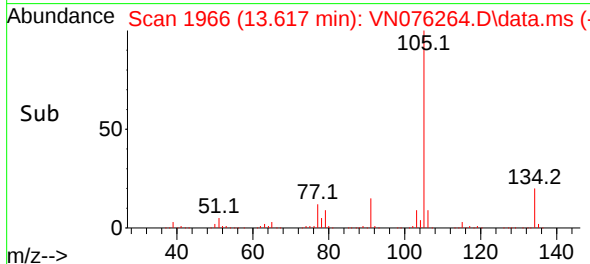
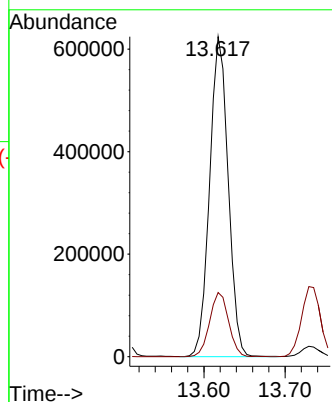
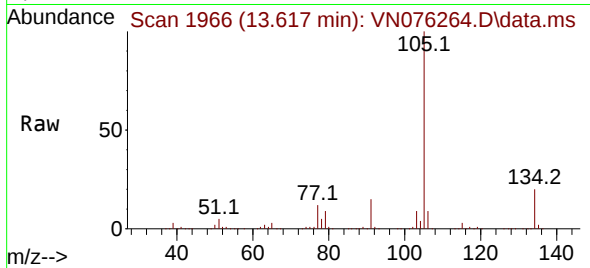
#85
 sec-Butylbenzene
 Concen: 52.117 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076264.D
 Acq: 16 Jan 2023 12:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 989722
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.8

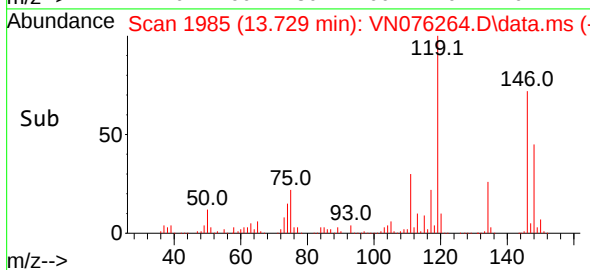
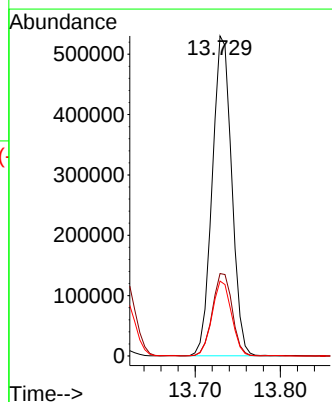
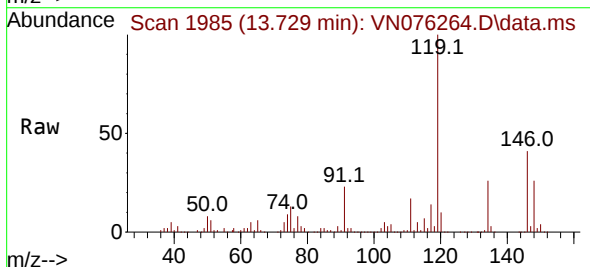
Manual Integrations
 APPROVED

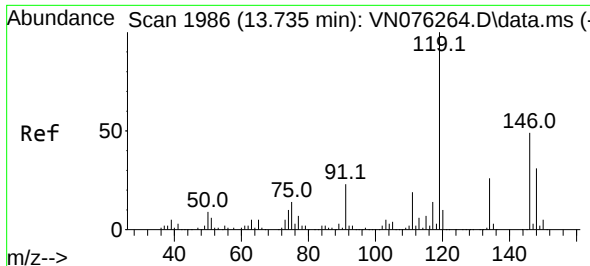
Reviewed By :John Carlone 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023



#86
 p-Isopropyltoluene
 Concen: 54.102 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076264.D
 Acq: 16 Jan 2023 12:06

Tgt Ion:119 Resp: 838422
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.6
 91 23.5 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 49.404 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN076264.D

Acq: 16 Jan 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 419320

Ion Ratio Lower Upper

146 100

111 39.8 19.9 59.7

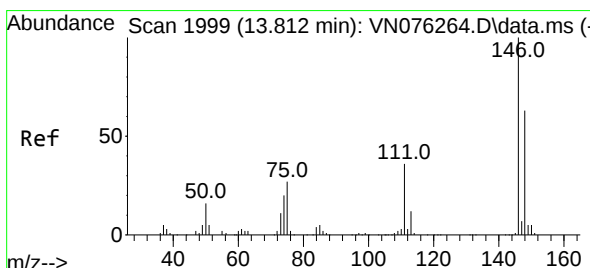
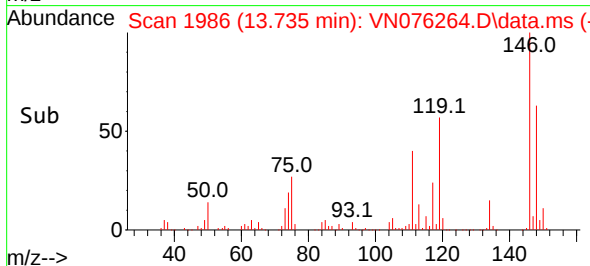
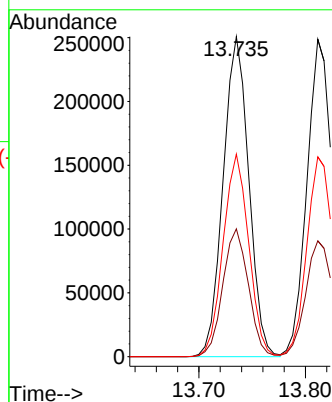
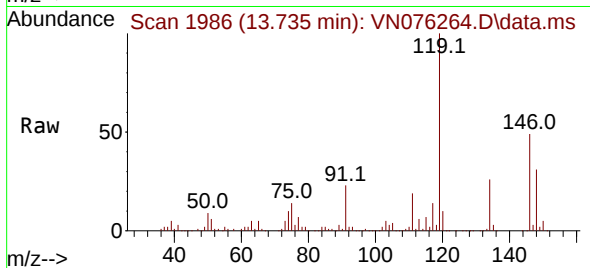
148 63.2 31.6 94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#88

1,4-Dichlorobenzene

Concen: 49.126 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN076264.D

Acq: 16 Jan 2023 12:06

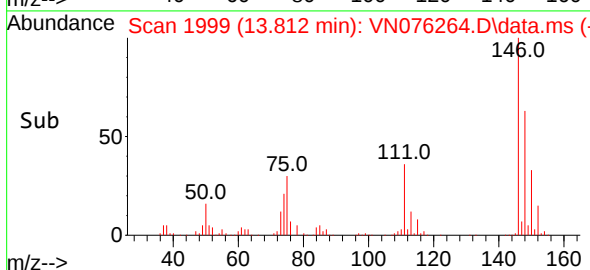
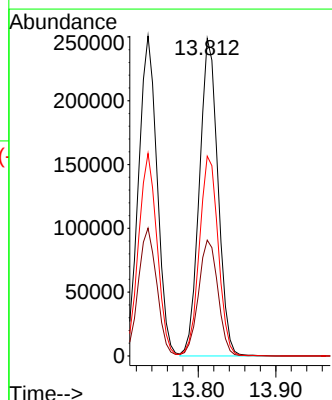
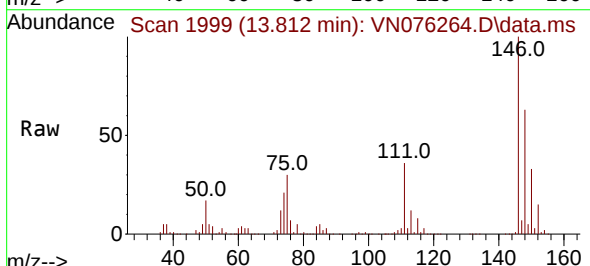
Tgt Ion:146 Resp: 413781

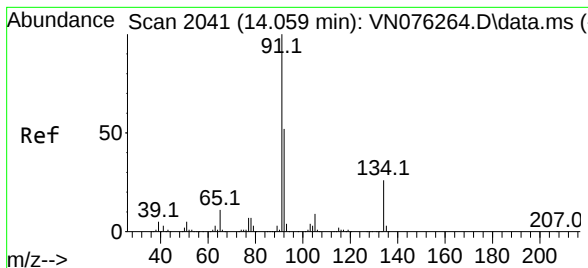
Ion Ratio Lower Upper

146 100

111 38.3 19.1 57.5

148 63.9 31.9 95.9





#89

n-Butylbenzene

Concen: 55.767 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VN076264.D

Acq: 16 Jan 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

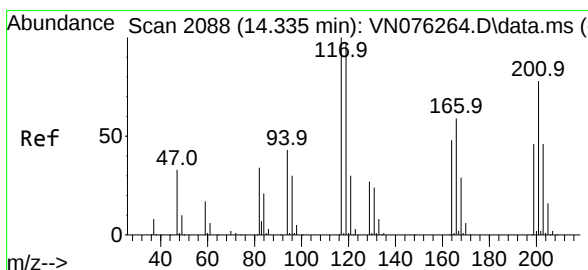
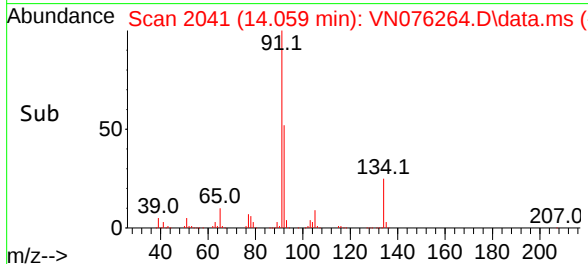
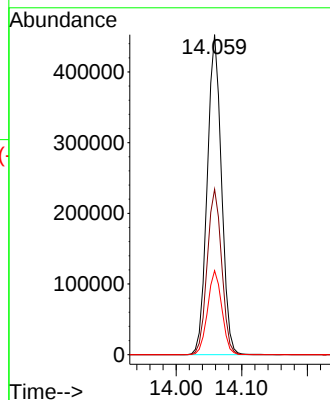
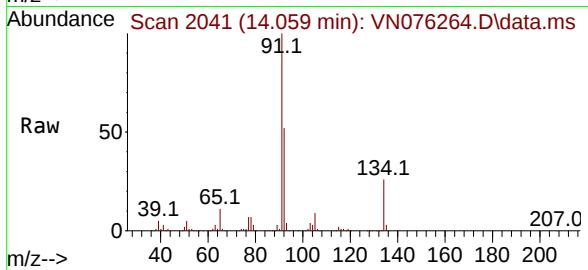
Tgt Ion:	91	Resp:	68406
Ion Ratio	Lower	Upper	
91	100		
92	52.6	26.3	78.9
134	26.3	13.2	39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#90

Hexachloroethane

Concen: 52.409 ug/l

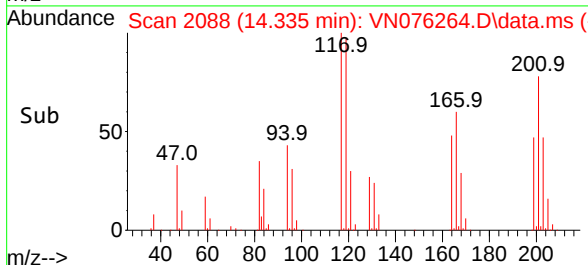
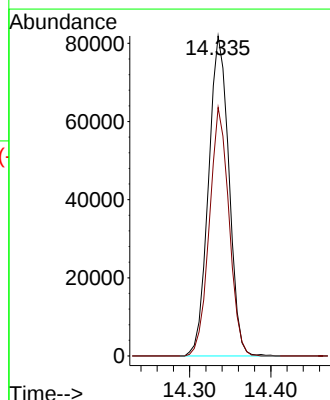
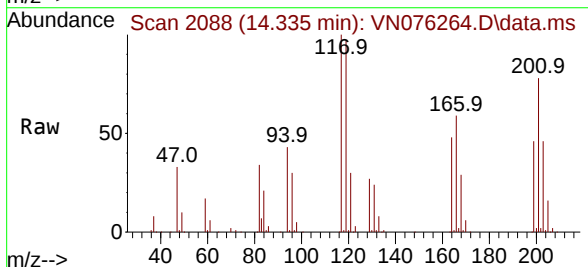
RT: 14.335 min Scan# 2088

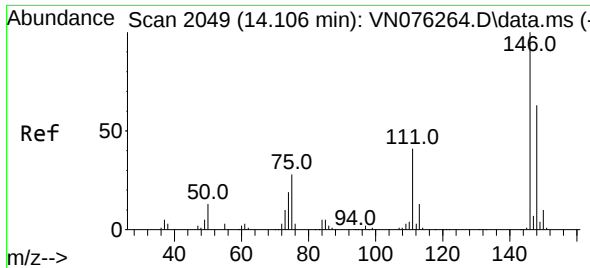
Delta R.T. 0.000 min

Lab File: VN076264.D

Acq: 16 Jan 2023 12:06

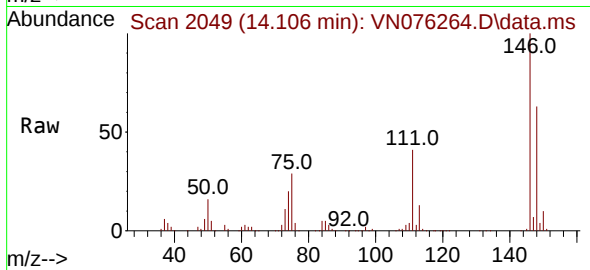
Tgt Ion:	117	Resp:	142991
Ion Ratio	Lower	Upper	
117	100		
201	74.6	37.3	111.9





#91
1,2-Dichlorobenzene
Concen: 48.804 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

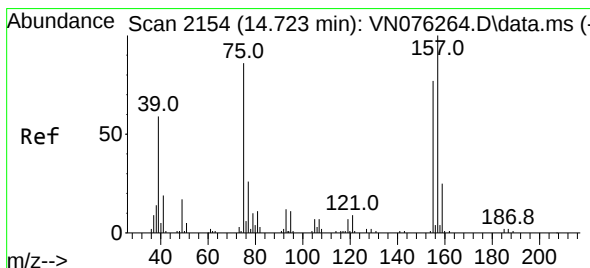
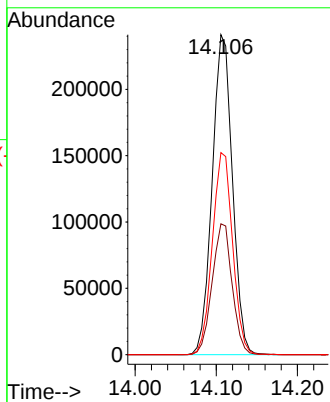
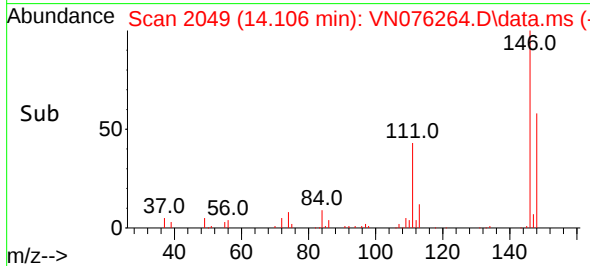
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:146 Resp: 417490
Ion Ratio Lower Upper
146 100
111 40.5 20.3 60.8
148 63.6 31.8 95.4

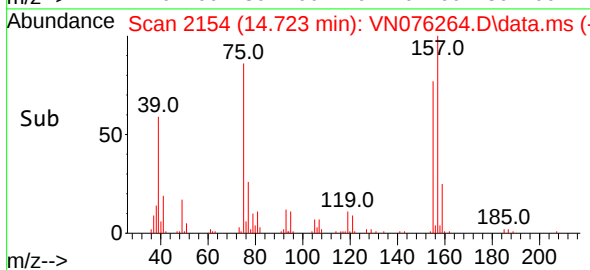
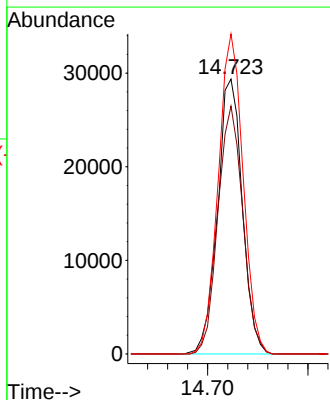
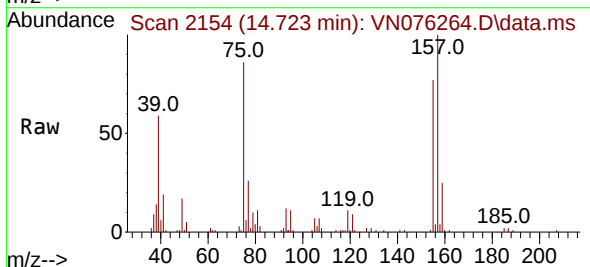
Manual Integrations
APPROVED

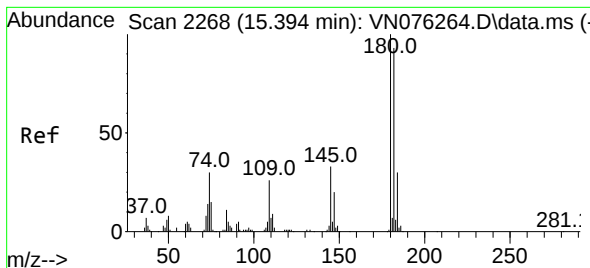
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.502 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076264.D
Acq: 16 Jan 2023 12:06

Tgt Ion: 75 Resp: 50421
Ion Ratio Lower Upper
75 100
155 90.0 45.0 135.0
157 116.6 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 58.031 ug/l

RT: 15.394 min Scan# 212850

Delta R.T. 0.000 min

Lab File: VN076264.D

Acq: 16 Jan 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:180 Resp: 212850

Ion Ratio Lower Upper

180 100

182 94.1 47.0 141.2

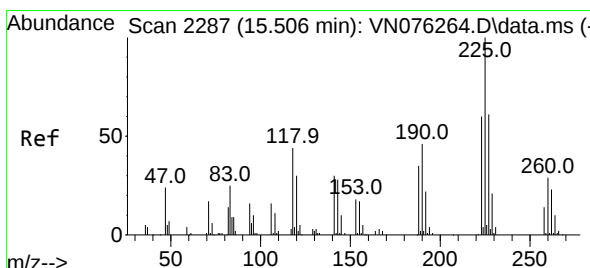
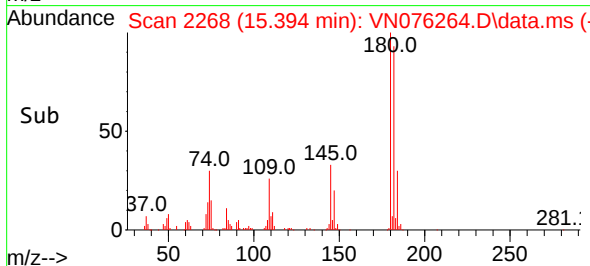
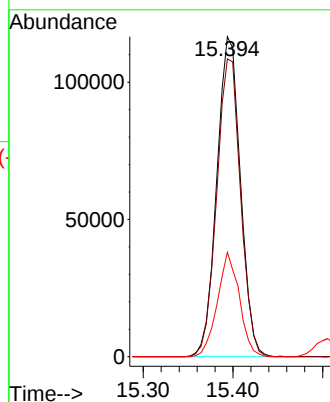
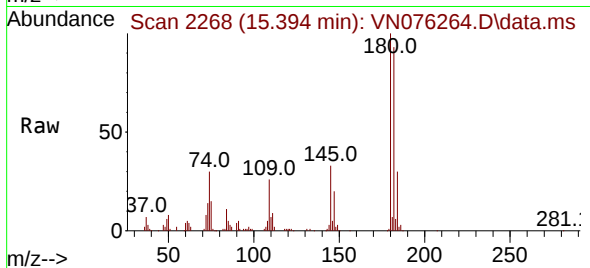
145 30.3 15.2 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#94

Hexachlorobutadiene

Concen: 51.807 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. 0.000 min

Lab File: VN076264.D

Acq: 16 Jan 2023 12:06

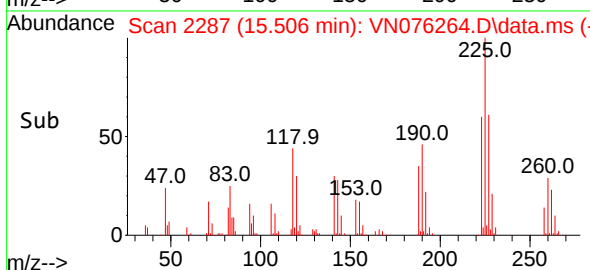
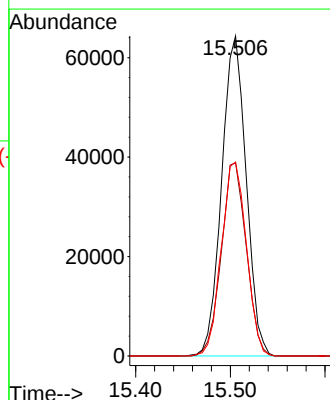
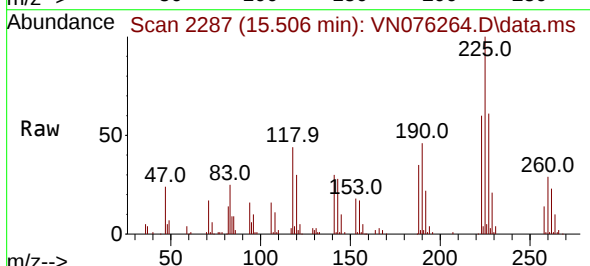
Tgt Ion:225 Resp: 115721

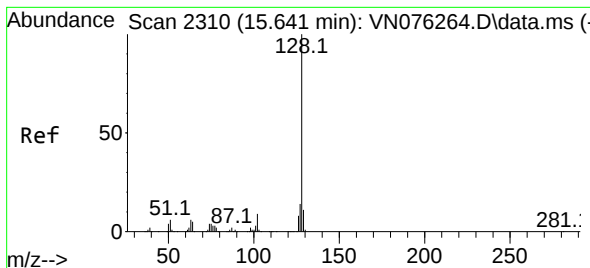
Ion Ratio Lower Upper

225 100

223 61.5 30.8 92.3

227 61.9 30.9 92.8





#95

Naphthalene

Concen: 60.498 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. 0.000 min

Lab File: VN076264.D

Acq: 16 Jan 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

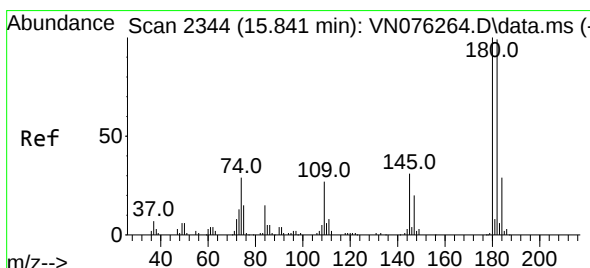
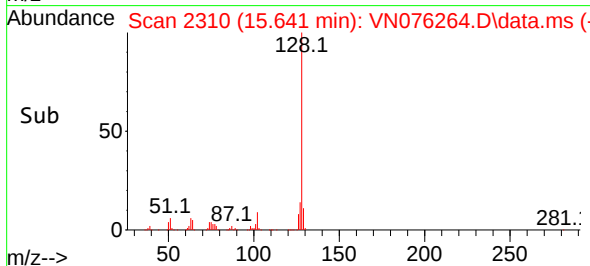
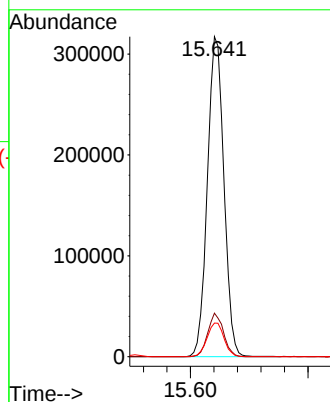
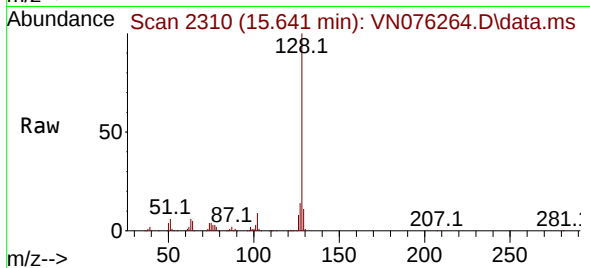
Tgt Ion:	128	Resp:	61725
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.3	15.5
129	10.8	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#96

1,2,3-Trichlorobenzene

Concen: 56.608 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. 0.000 min

Lab File: VN076264.D

Acq: 16 Jan 2023 12:06

Tgt Ion:	180	Resp:	202445
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.5	142.5
145	31.7	15.9	47.6

