

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122022\
 Data File : VN075887.D
 Acq On : 20 Dec 2022 10:14
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/21/2022
 Supervised By : Mahesh Dadoda 12/21/2022

Quant Time: Dec 21 01:26:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	369991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	583856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	520086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	260708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	196516	48.822	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.640%		
35) Dibromofluoromethane	8.171	113	179987	49.779	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.560%		
50) Toluene-d8	10.571	98	671229	49.651	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.300%		
62) 4-Bromofluorobenzene	12.853	95	235969	52.700	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	123296	46.933	ug/l	100
3) Chloromethane	2.377	50	138227	42.314	ug/l	99
4) Vinyl Chloride	2.530	62	168549	43.254	ug/l	98
5) Bromomethane	2.947	94	140747	42.500	ug/l	99
6) Chloroethane	3.124	64	125679	43.553	ug/l	96
7) Trichlorofluoromethane	3.506	101	280681	47.470	ug/l	98
8) Diethyl Ether	3.977	74	107890	49.958	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	169260	50.131	ug/l	99
10) Methyl Iodide	4.600	142	263131	48.022	ug/l	99
11) Tert butyl alcohol	5.536	59	124221	218.102	ug/l	99
12) 1,1-Dichloroethene	4.353	96	158389	48.301	ug/l	100
13) Acrolein	4.189	56	221168	316.743	ug/l	100
14) Allyl chloride	5.036	41	186304	48.601	ug/l	90
15) Acrylonitrile	5.730	53	366329	235.690	ug/l	99
16) Acetone	4.436	43	383726	276.549	ug/l	95
17) Carbon Disulfide	4.724	76	355768	44.810	ug/l	98
18) Methyl Acetate	5.036	43	187865	45.804	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	556920	51.573	ug/l	96
20) Methylene Chloride	5.289	84	181998	49.020	ug/l	96
21) trans-1,2-Dichloroethene	5.794	96	170802	47.561	ug/l	98
22) Diisopropyl ether	6.683	45	489440	52.559	ug/l	98
23) Vinyl Acetate	6.612	43	1599317	255.164	ug/l	99
24) 1,1-Dichloroethane	6.577	63	306475	49.348	ug/l	99
25) 2-Butanone	7.488	43	495746	255.168	ug/l	99
26) 2,2-Dichloropropane	7.500	77	271118	51.550	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	211867	49.328	ug/l	96
28) Bromochloromethane	7.818	49	118094	43.384	ug/l	100
29) Tetrahydrofuran	7.841	42	292839	240.522	ug/l	99
30) Chloroform	7.971	83	337306	48.239	ug/l	96
31) Cyclohexane	8.265	56	268004	46.490	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	312867	50.469	ug/l	98
36) 1,1-Dichloropropene	8.377	75	247345	51.497	ug/l	100
37) Ethyl Acetate	7.565	43	183547	47.574	ug/l	97
38) Carbon Tetrachloride	8.365	117	275776	51.300	ug/l	96
39) Methylcyclohexane	9.606	83	323475	55.823	ug/l	98
40) Benzene	8.612	78	741097	50.009	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	105866	52.790	ug/l	99
42) 1,2-Dichloroethane	8.671	62	246029	49.937	ug/l	100
43) Isopropyl Acetate	8.694	43	335590	52.731	ug/l	99
44) Trichloroethene	9.359	130	204077	48.882	ug/l	95
45) 1,2-Dichloropropane	9.624	63	179442	49.759	ug/l	99
46) Dibromomethane	9.712	93	131418	49.133	ug/l	98
47) Bromodichloromethane	9.888	83	269647	51.408	ug/l	98
48) Methyl methacrylate	9.682	41	154080	53.754	ug/l	99
49) 1,4-Dioxane	9.694	88	63402	899.721	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	980438	254.738	ug/l	99
52) Toluene	10.629	92	494571	51.243	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	277086	53.965	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	309677	54.932	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	192358	50.778	ug/l	98
56) Ethyl methacrylate	10.876	69	277089	55.067	ug/l	99
57) 1,3-Dichloropropane	11.165	76	309384	49.789	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	445420	278.033	ug/l	100
59) 2-Hexanone	11.200	43	742140	264.406	ug/l	100
60) Dibromochloromethane	11.359	129	217766	51.690	ug/l	99
61) 1,2-Dibromoethane	11.470	107	195097	50.891	ug/l	99
64) Tetrachloroethene	11.106	164	185786	50.765	ug/l	97
65) Chlorobenzene	11.894	112	534787	50.099	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	204412	51.699	ug/l	100
67) Ethyl Benzene	11.965	91	964600	53.541	ug/l	100
68) m/p-Xylenes	12.070	106	768430	107.763	ug/l	100
69) o-Xylene	12.400	106	378191	53.594	ug/l	99
70) Styrene	12.412	104	629150	56.074	ug/l	100
71) Bromoform	12.582	173	153923	53.500	ug/l #	100
73) Isopropylbenzene	12.700	105	999618	53.059	ug/l	100
74) N-amyl acetate	12.494	43	294557	53.294	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	268417	46.087	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	199397m	37.943	ug/l	
77) Bromobenzene	12.982	156	234349	49.151	ug/l	98
78) n-propylbenzene	13.035	91	1134506	54.598	ug/l	100
79) 2-Chlorotoluene	13.129	91	661190	50.974	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	838856	53.200	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	79004	54.113	ug/l	99
82) 4-Chlorotoluene	13.129	91	661190	50.974	ug/l	100
83) tert-Butylbenzene	13.441	119	748587	53.846	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	850224	54.353	ug/l	98
85) sec-Butylbenzene	13.617	105	1059047	55.192	ug/l	98
86) p-Isopropyltoluene	13.729	119	917098	57.439	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	448143	50.883	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	445704	49.538	ug/l	99
89) n-Butylbenzene	14.059	91	761296	58.856	ug/l	100
90) Hexachloroethane	14.335	117	154212	53.994	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	442835	51.046	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	47085	45.561	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	236296	55.018	ug/l	99
94) Hexachlorobutadiene	15.506	225	125126	53.399	ug/l	99
95) Naphthalene	15.641	128	677870	47.872	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	223984	55.798	ug/l	99

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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

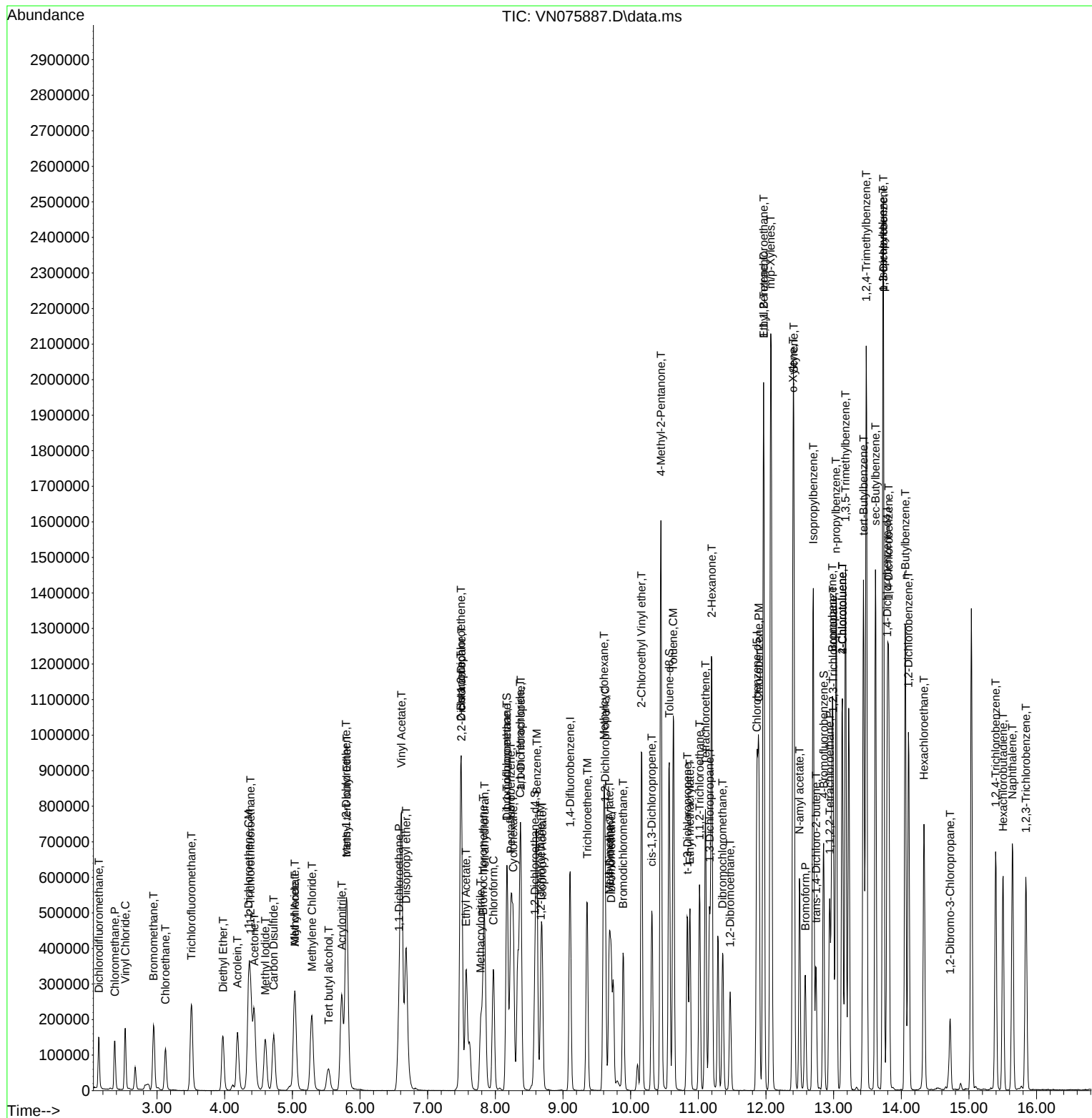
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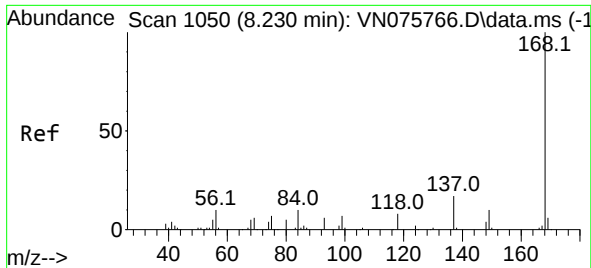
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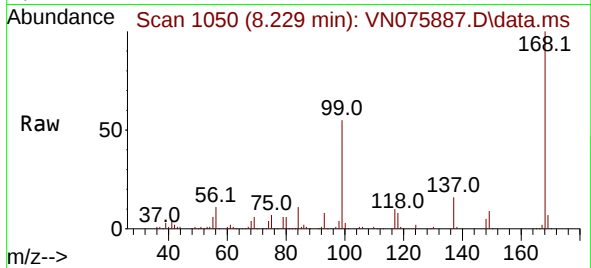
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN075887.D
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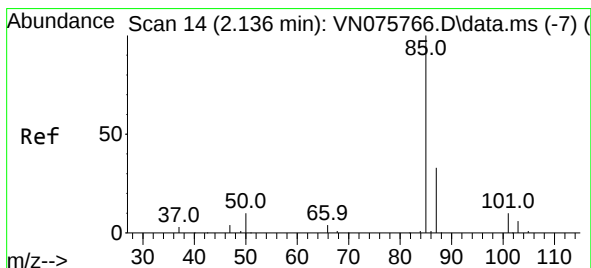
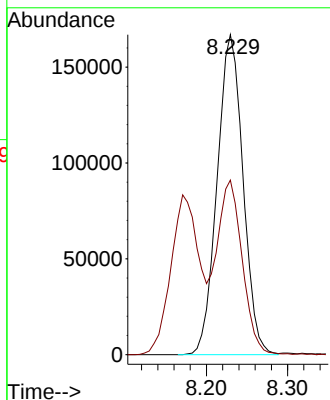
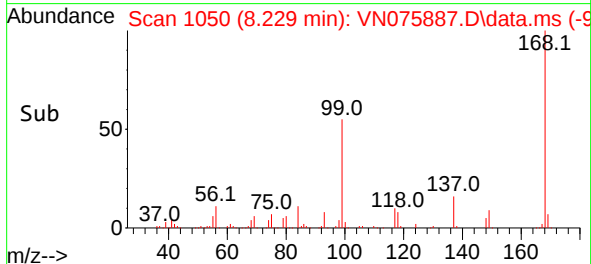
Instrument :
MSVOA_N
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Tgt Ion:168 Resp: 36999
Ion Ratio Lower Upper
168 100
99 54.3 44.2 66.4

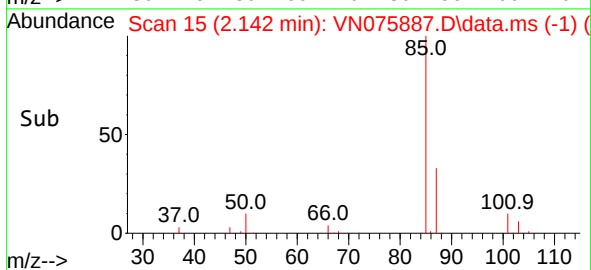
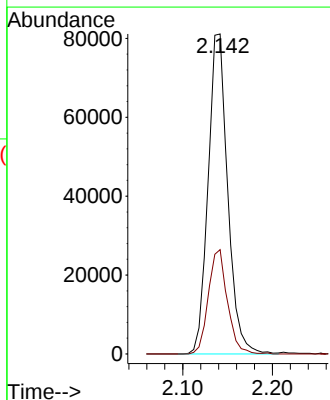
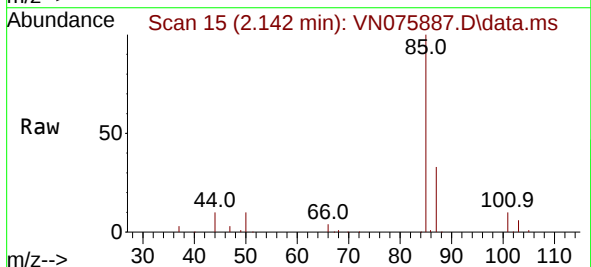
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#2
Dichlorodifluoromethane
Concen: 46.933 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

Tgt Ion: 85 Resp: 123296
Ion Ratio Lower Upper
85 100
87 32.6 16.3 48.9





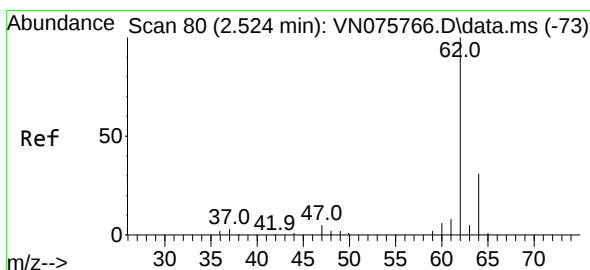
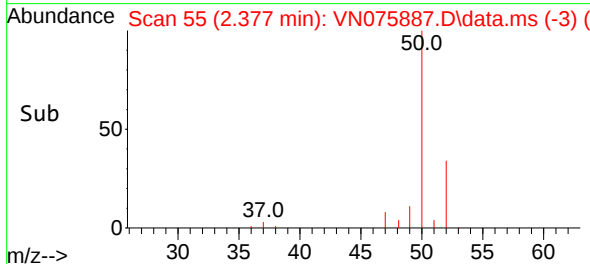
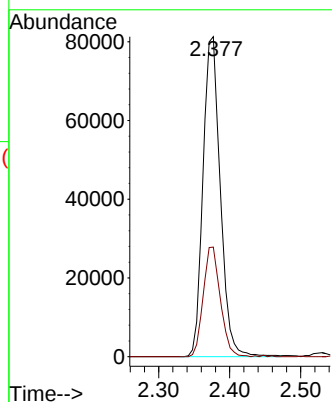
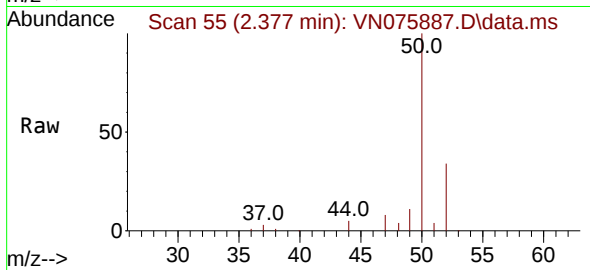
#3
Chloromethane
Concen: 42.314 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 13822
Ion Ratio Lower Upper
50 100
52 34.2 27.7 41.5

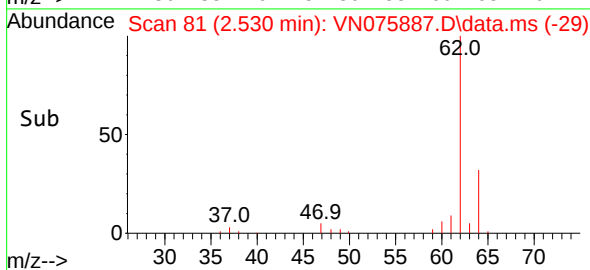
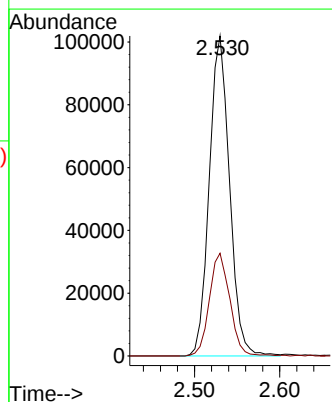
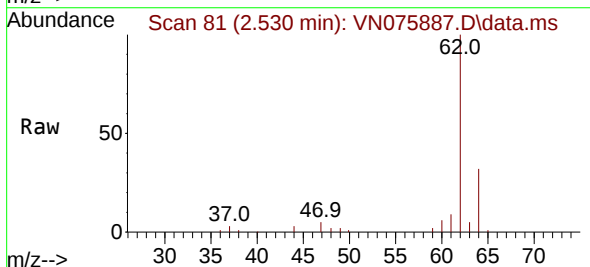
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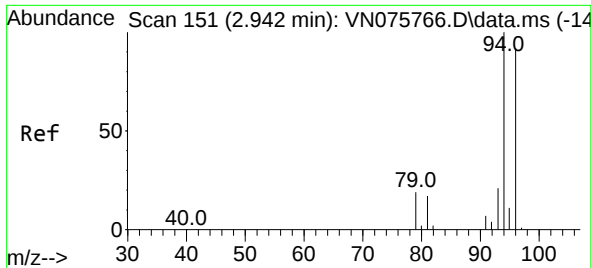
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#4
Vinyl Chloride
Concen: 43.254 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

Tgt Ion: 62 Resp: 168549
Ion Ratio Lower Upper
62 100
64 32.1 24.9 37.3





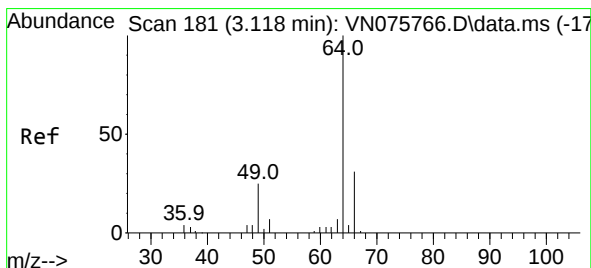
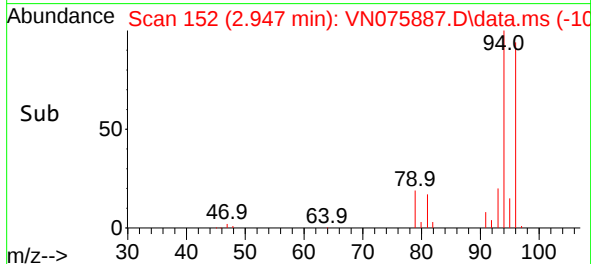
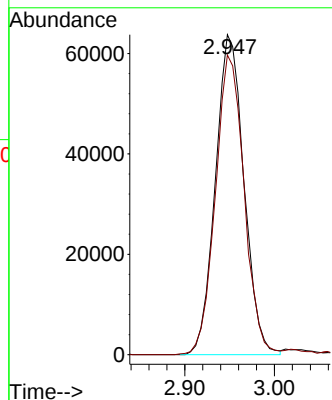
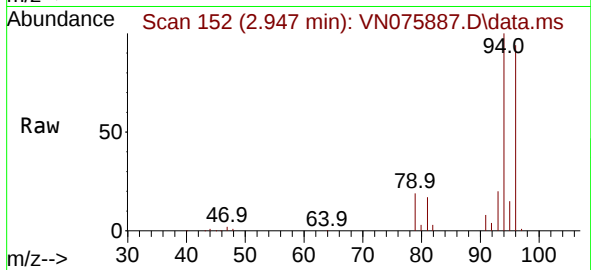
#5
Bromomethane
Concen: 42.500 ug/l
RT: 2.947 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 14074
Ion Ratio Lower Upper
94 100
96 93.4 73.8 110.6

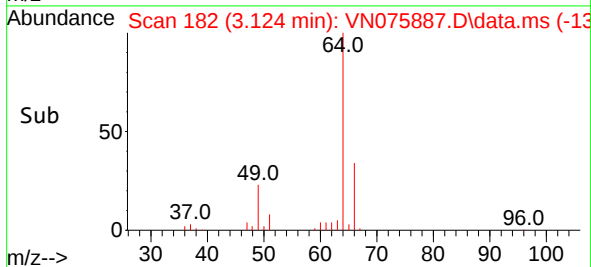
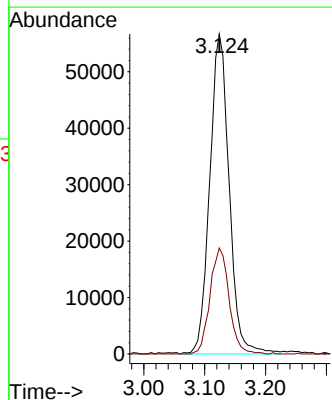
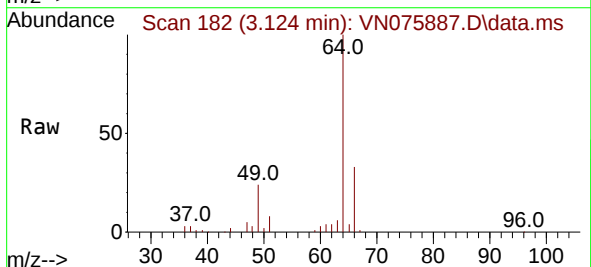
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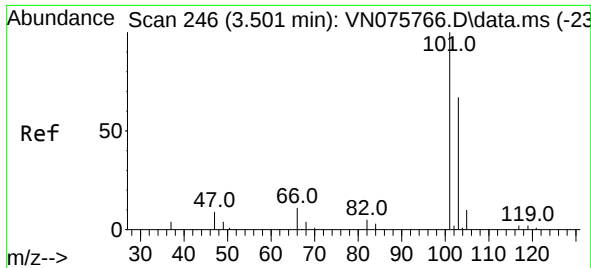
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#6
Chloroethane
Concen: 43.553 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

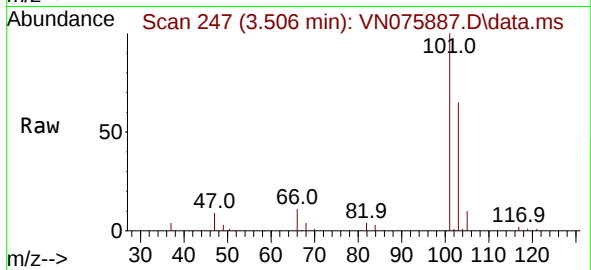
Tgt Ion: 64 Resp: 125679
Ion Ratio Lower Upper
64 100
66 33.1 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 47.470 ug/l
 RT: 3.506 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VN075887.D
 Acq: 20 Dec 2022 10:14

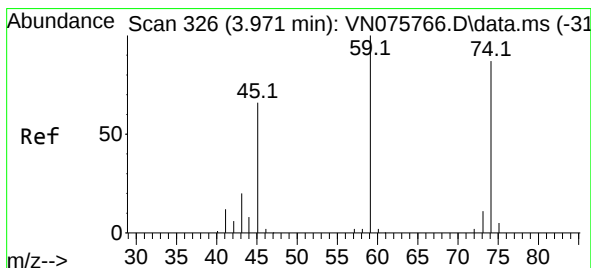
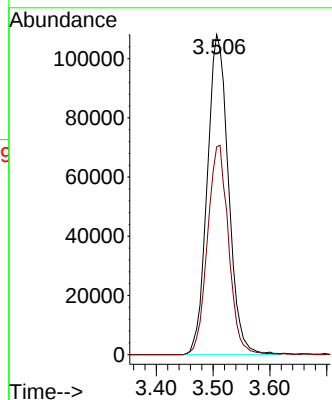
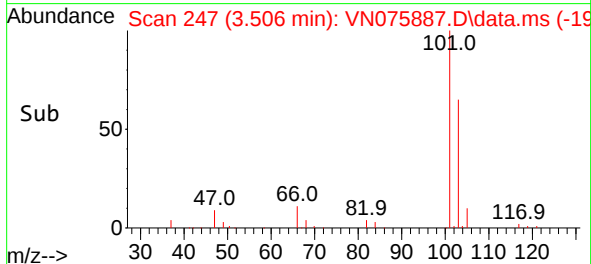
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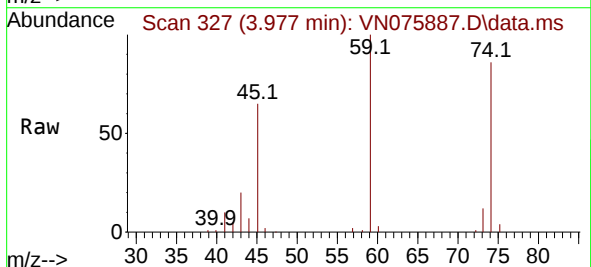
Tgt Ion:101 Resp: 28068
 Ion Ratio Lower Upper
 101 100
 103 65.0 53.4 80.2

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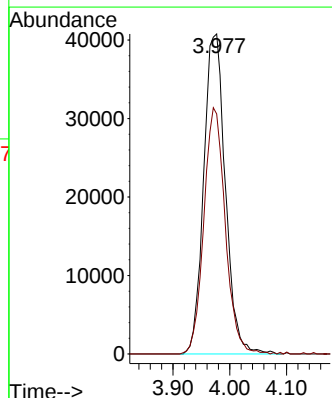
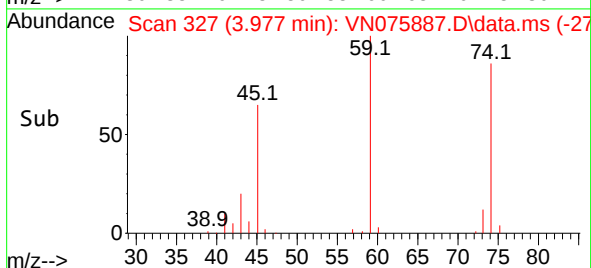
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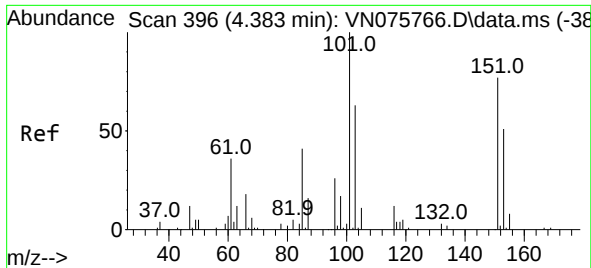


#8
 Diethyl Ether
 Concen: 49.958 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.006 min
 Lab File: VN075887.D
 Acq: 20 Dec 2022 10:14



Tgt Ion: 74 Resp: 107890
 Ion Ratio Lower Upper
 74 100
 45 76.1 37.8 113.4





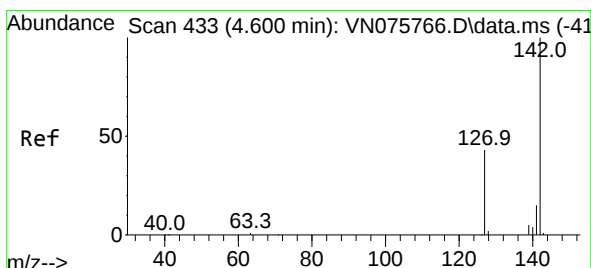
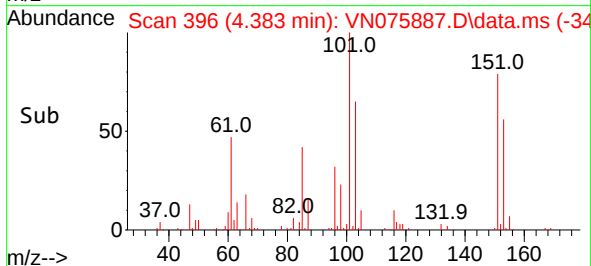
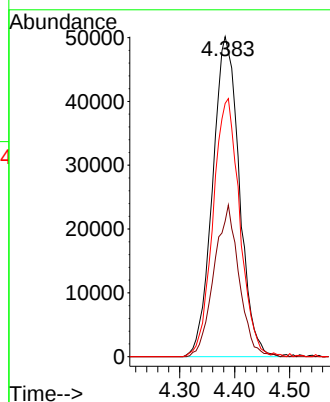
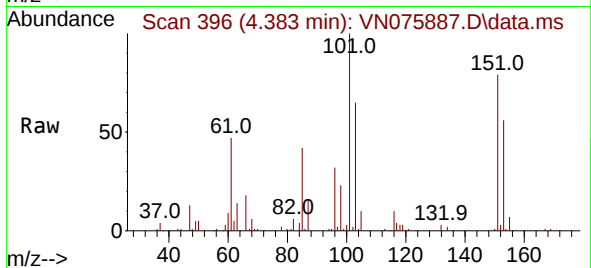
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.131 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 169260
Ion Ratio Lower Upper
101 100
85 44.5 35.3 52.9
151 80.8 65.6 98.4

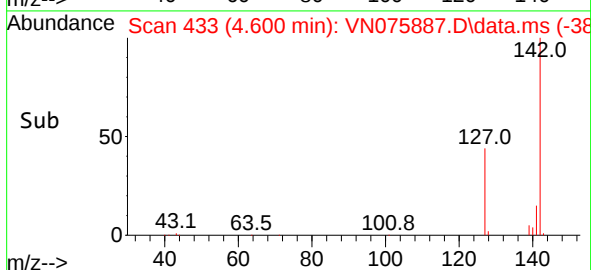
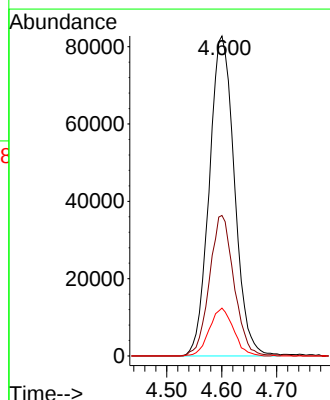
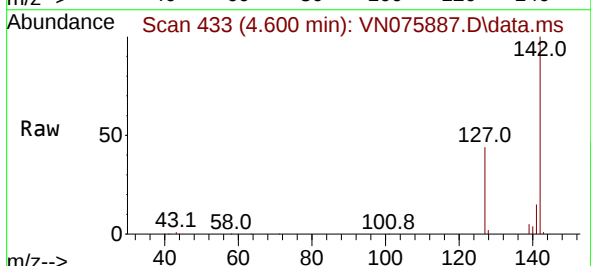
Manual Integrations
APPROVED

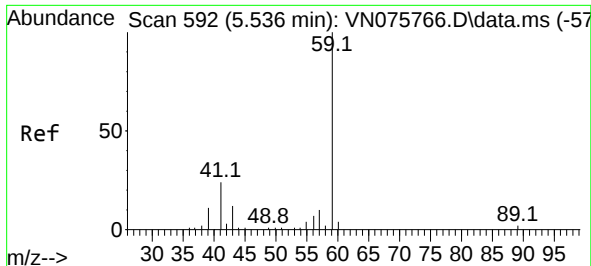
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#10
Methyl Iodide
Concen: 48.022 ug/l
RT: 4.600 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

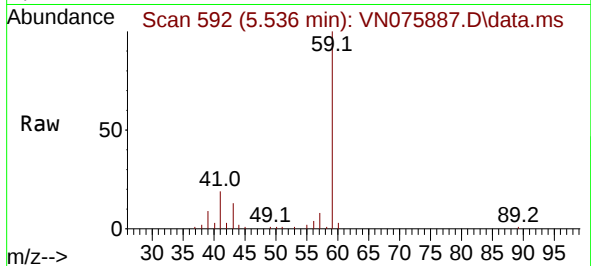
Tgt Ion:142 Resp: 263131
Ion Ratio Lower Upper
142 100
127 42.9 34.7 52.1
141 14.4 11.4 17.2





#11
Tert butyl alcohol
Concen: 218.102 ug/l
RT: 5.536 min Scan# 592
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

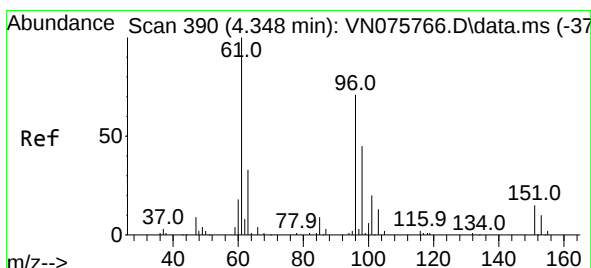
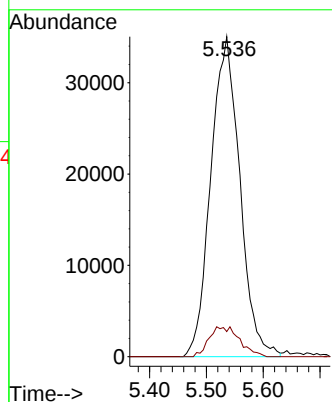
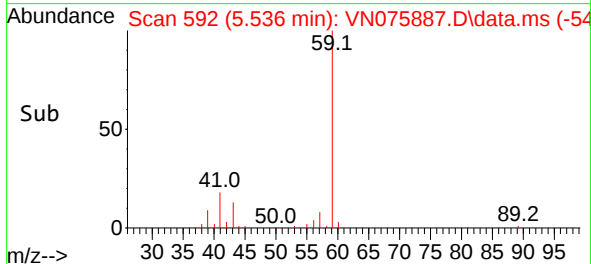
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



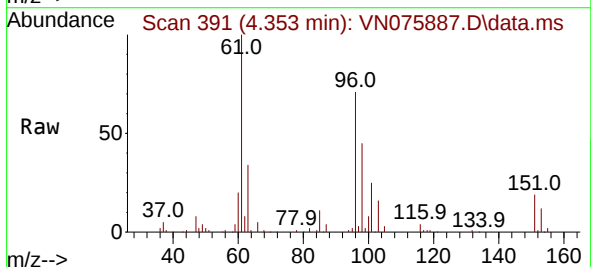
Tgt Ion: 59 Resp: 12422
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4

Manual Integrations
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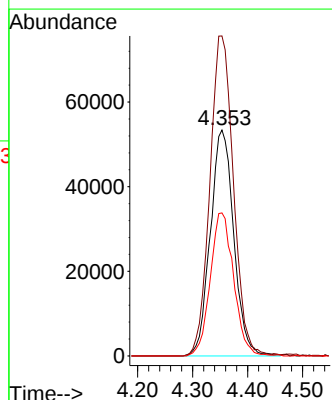
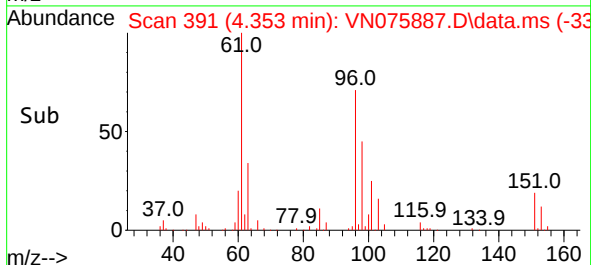
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#12
1,1-Dichloroethene
Concen: 48.301 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14



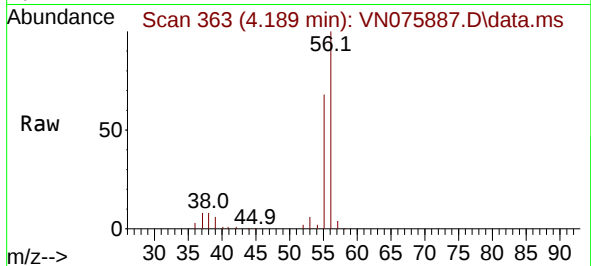
Tgt Ion: 96 Resp: 158389
Ion Ratio Lower Upper
96 100
61 141.6 113.3 169.9
98 63.3 50.9 76.3





#13
Acrolein
Concen: 316.743 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

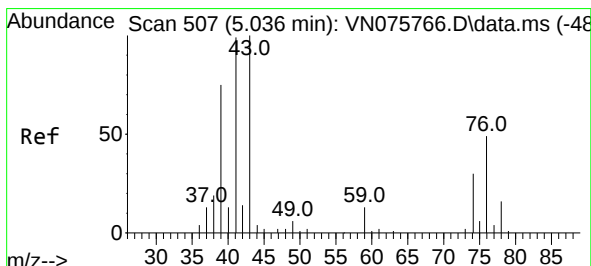
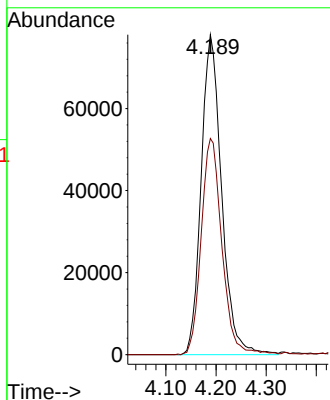
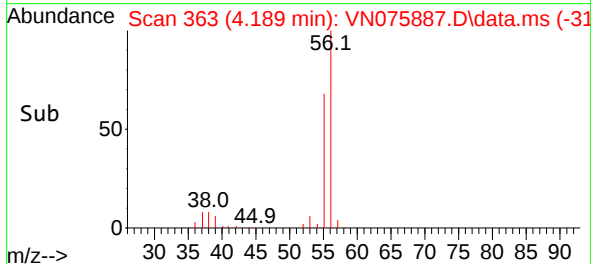
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



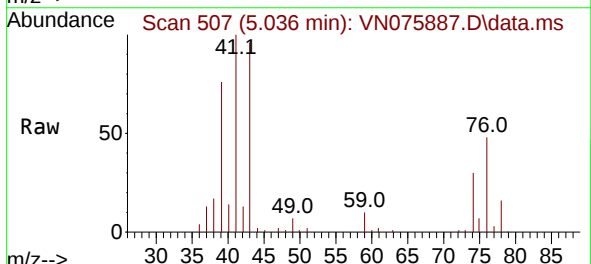
Tgt Ion: 56 Resp: 221168
Ion Ratio Lower Upper
56 100
55 68.2 54.8 82.2

Manual Integrations
APPROVED

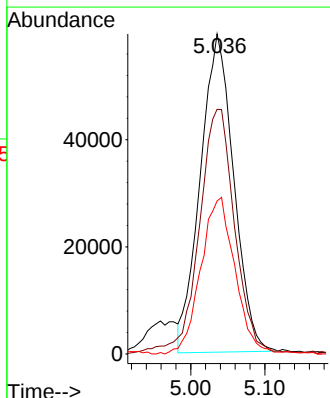
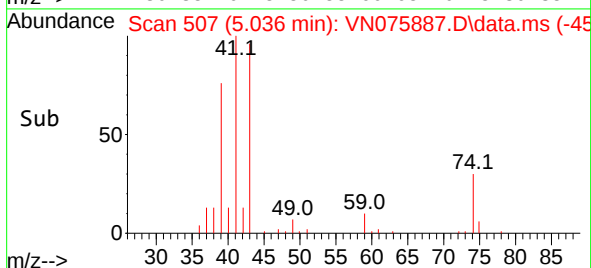
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

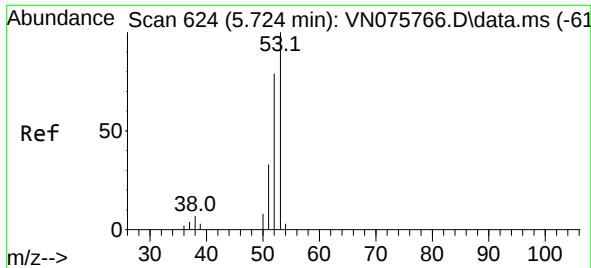


#14
Allyl chloride
Concen: 48.601 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14



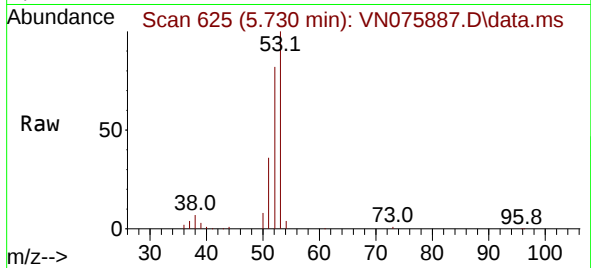
Tgt Ion: 41 Resp: 186304
Ion Ratio Lower Upper
41 100
39 82.2 58.3 87.5
76 50.3 35.8 53.6





#15
Acrylonitrile
Concen: 235.690 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

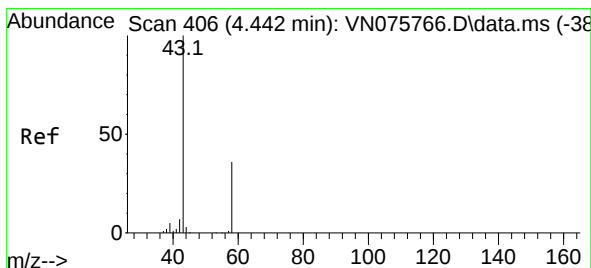
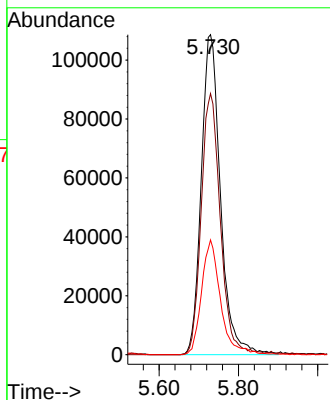
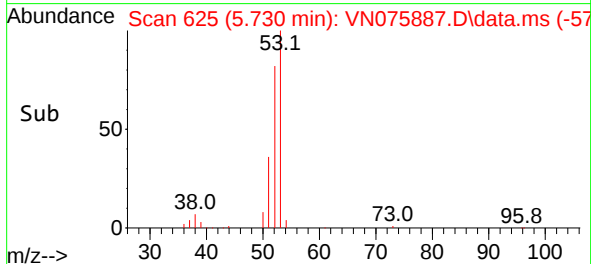
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 366329
Ion Ratio Lower Upper
53 100
52 81.1 65.4 98.0
51 35.4 28.9 43.3

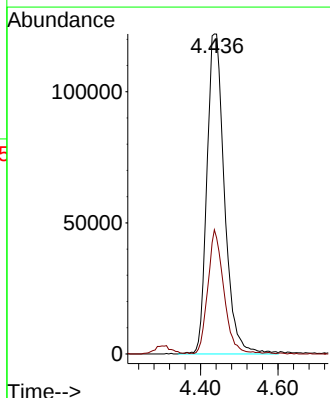
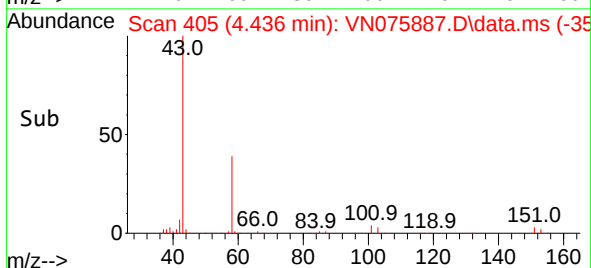
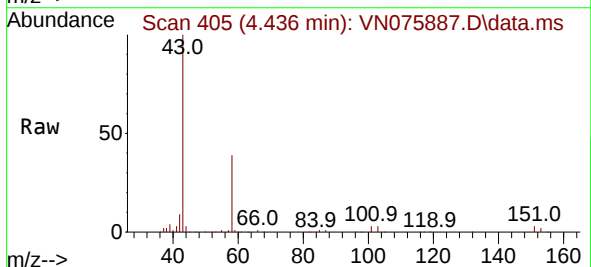
Manual Integrations
APPROVED

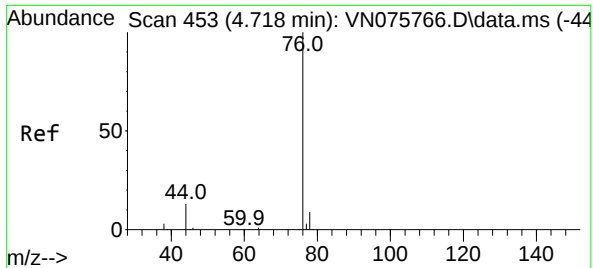
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#16
Acetone
Concen: 276.549 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

Tgt Ion: 43 Resp: 383726
Ion Ratio Lower Upper
43 100
58 38.5 28.6 43.0





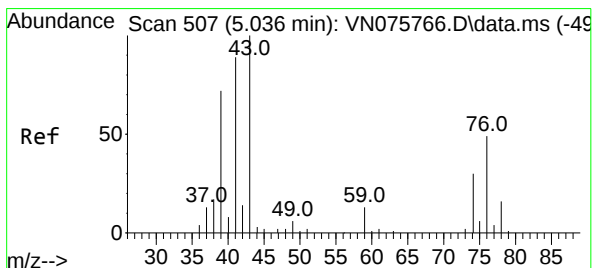
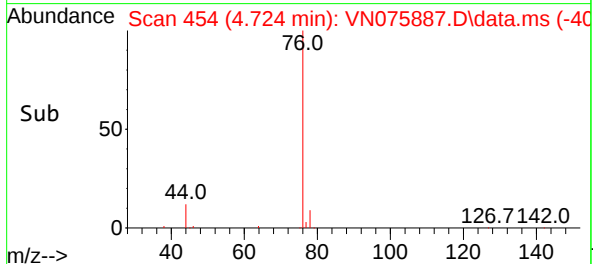
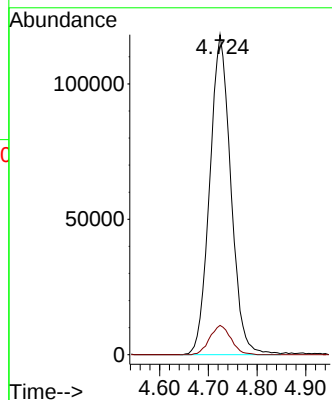
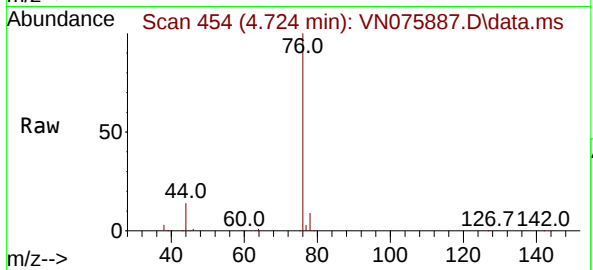
#17
Carbon Disulfide
Concen: 44.810 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 355768
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2

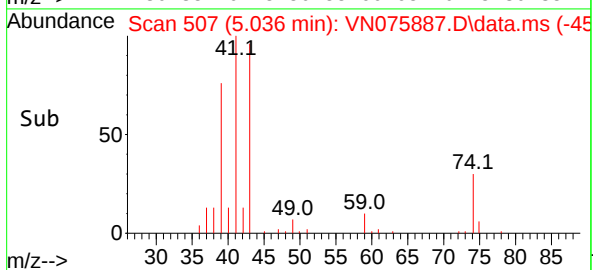
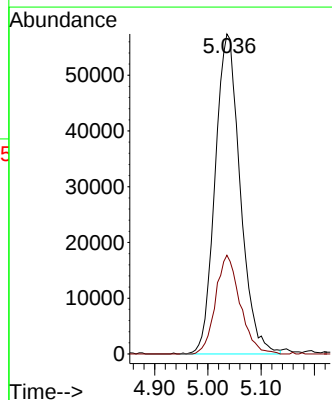
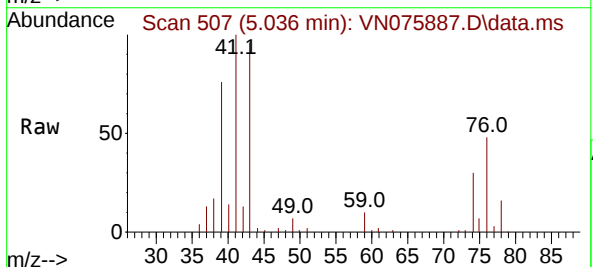
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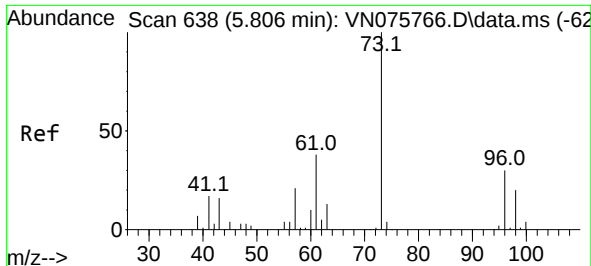
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#18
Methyl Acetate
Concen: 45.804 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

Tgt Ion: 43 Resp: 187865
Ion Ratio Lower Upper
43 100
74 30.2 23.6 35.4





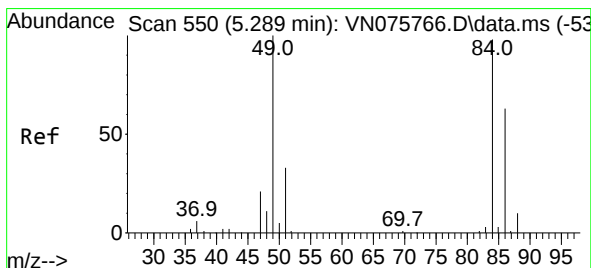
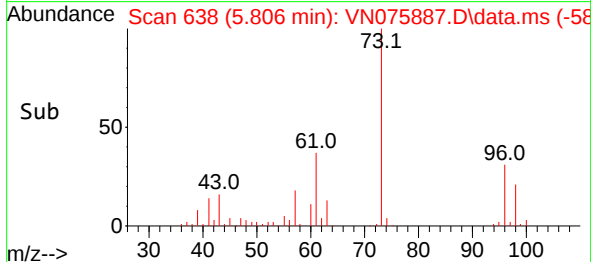
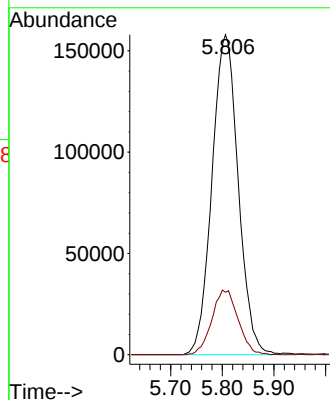
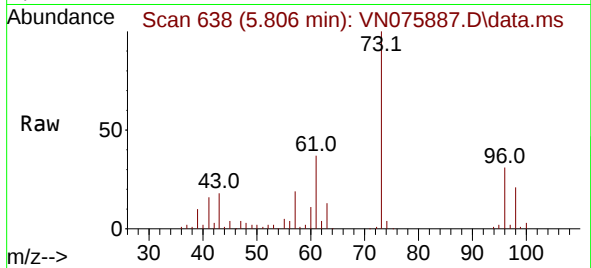
#19
Methyl tert-butyl Ether
Concen: 51.573 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 556920
Ion Ratio Lower Upper
73 100
57 19.5 17.1 25.7

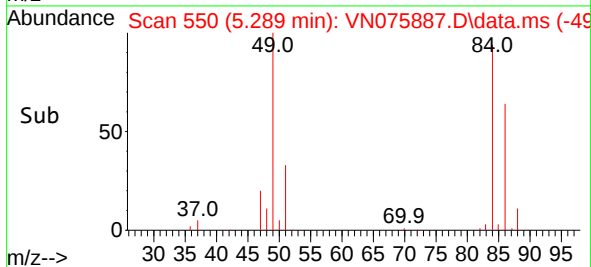
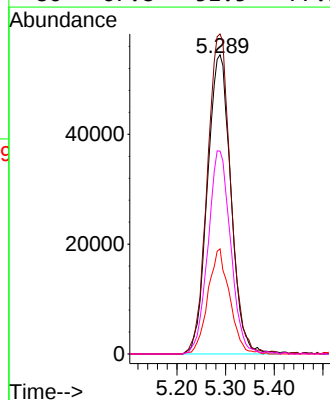
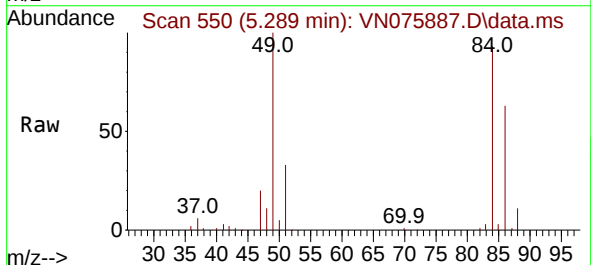
Manual Integrations
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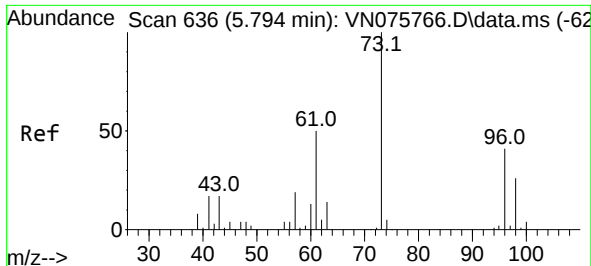
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#20
Methylene Chloride
Concen: 49.020 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

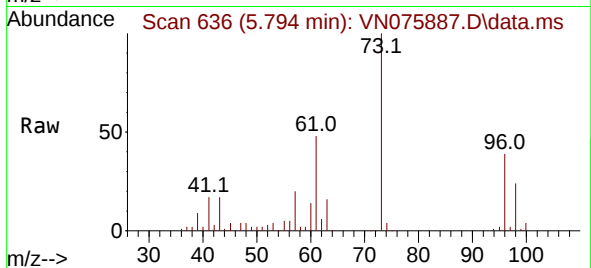
Tgt Ion: 84 Resp: 181998
Ion Ratio Lower Upper
84 100
49 107.0 81.8 122.6
51 35.2 26.7 40.1
86 67.8 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 47.561 ug/l
RT: 5.794 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

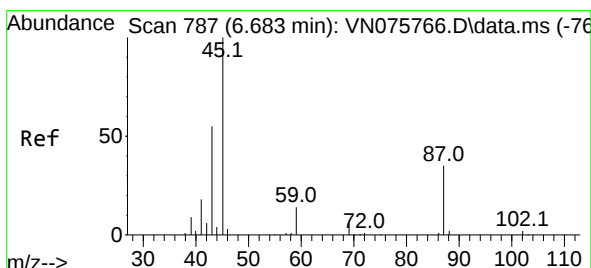
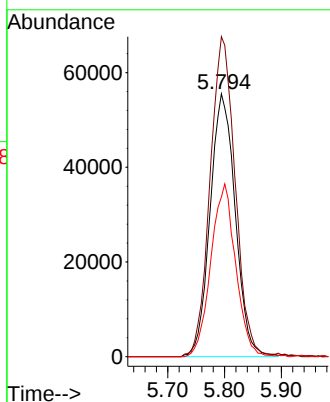
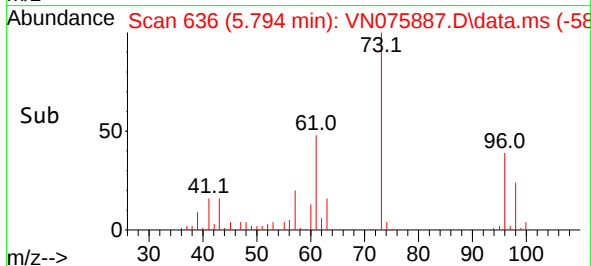
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



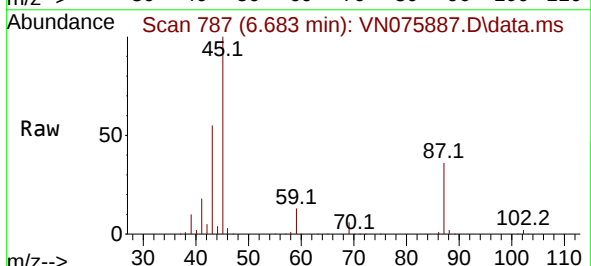
Tgt Ion: 96 Resp: 170802
Ion Ratio Lower Upper
96 100
61 121.8 98.1 147.1
98 60.8 51.4 77.2

Manual Integrations
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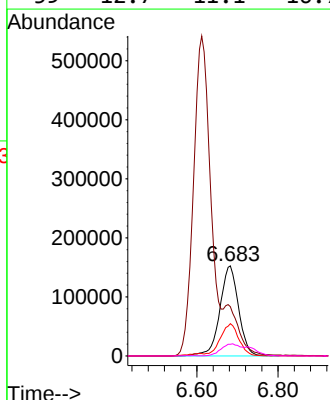
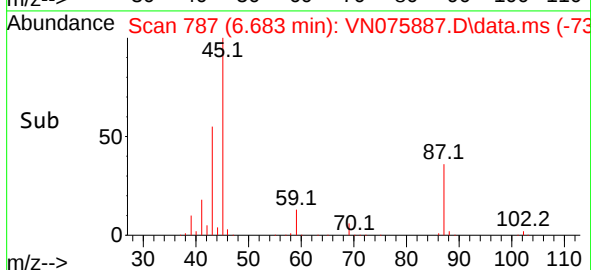
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

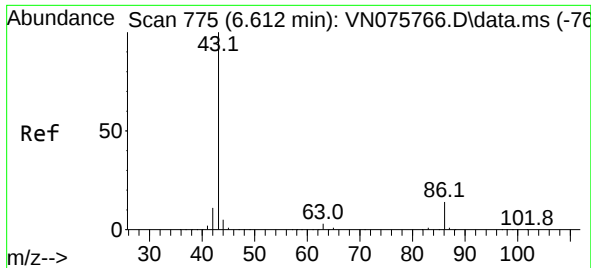


#22
Diisopropyl ether
Concen: 52.559 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14



Tgt Ion: 45 Resp: 489440
Ion Ratio Lower Upper
45 100
43 53.7 44.2 66.4
87 35.8 28.3 42.5
59 12.7 11.1 16.7





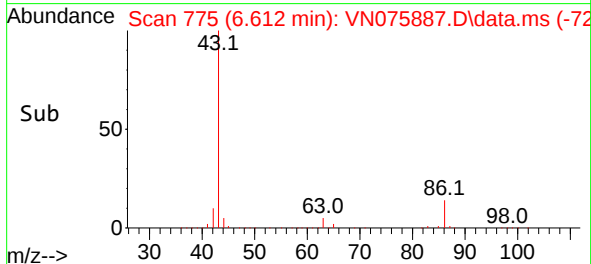
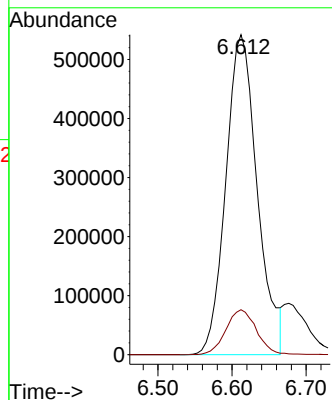
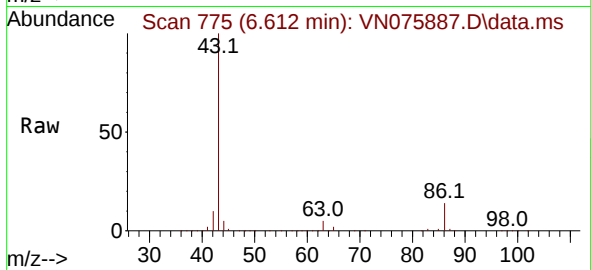
#23
 Vinyl Acetate
 Concen: 255.164 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN075887.D
 Acq: 20 Dec 2022 10:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 159931
 Ion Ratio Lower Upper
 43 100
 86 14.1 11.4 17.2

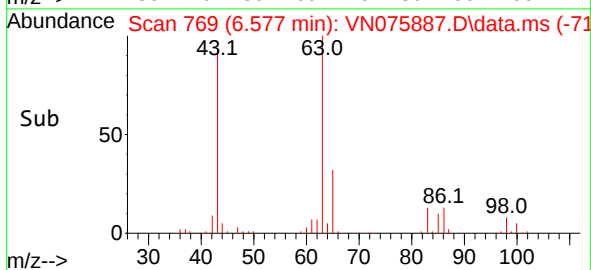
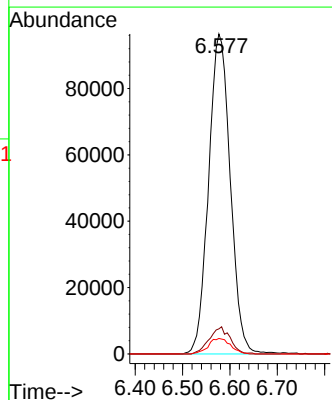
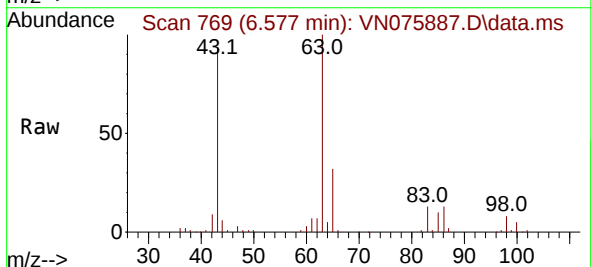
Manual Integrations
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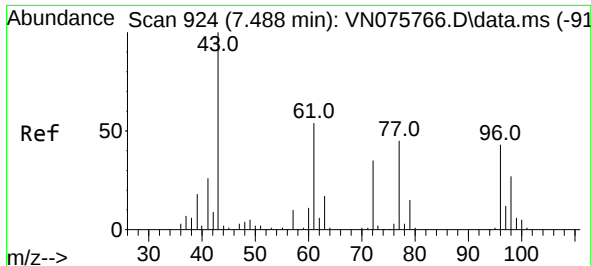
Reviewed By :John Carlone 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022



#24
 1,1-Dichloroethane
 Concen: 49.348 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075887.D
 Acq: 20 Dec 2022 10:14

Tgt Ion: 63 Resp: 306475
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.9 11.5
 100 4.9 2.5 7.6





#25

2-Butanone

Concen: 255.168 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075887.D

Acq: 20 Dec 2022 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 495740

Ion Ratio Lower Upper

43 100

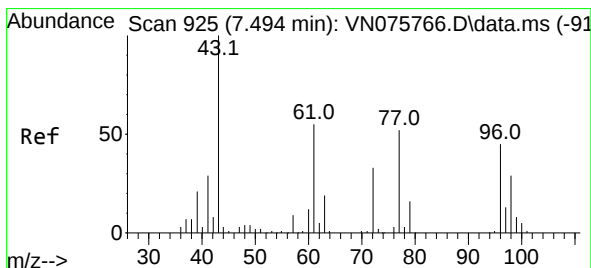
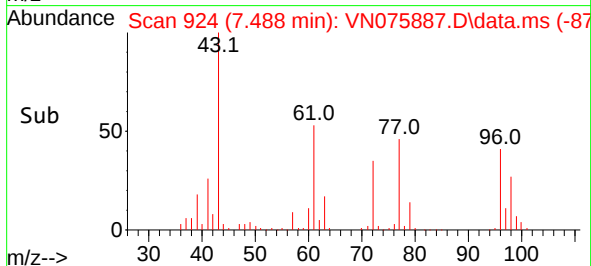
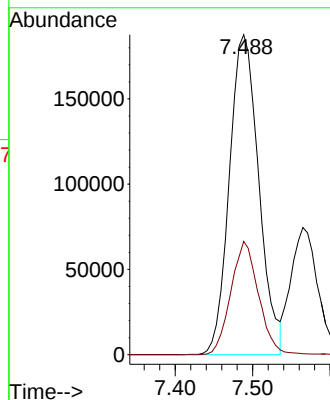
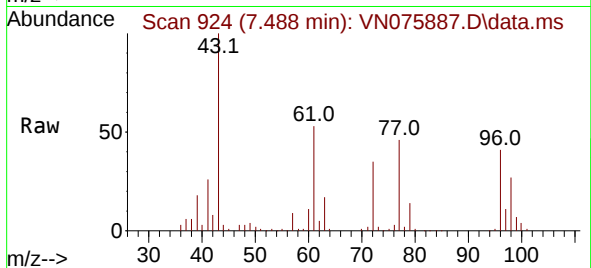
72 35.4 28.0 42.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#26

2,2-Dichloropropane

Concen: 51.550 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN075887.D

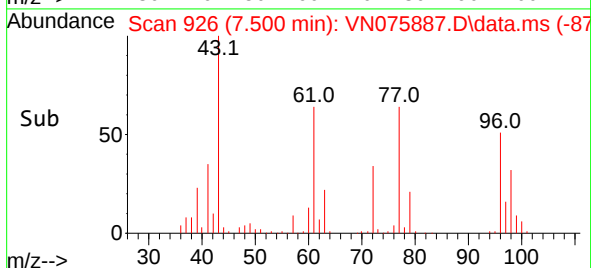
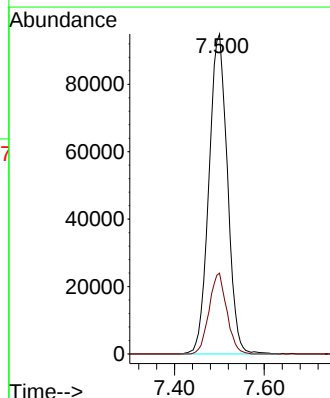
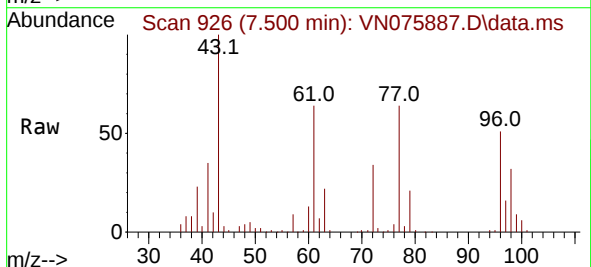
Acq: 20 Dec 2022 10:14

Tgt Ion: 77 Resp: 271118

Ion Ratio Lower Upper

77 100

97 24.2 12.7 38.0





#27

cis-1,2-Dichloroethene

Concen: 49.328 ug/l

RT: 7.494 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075887.D

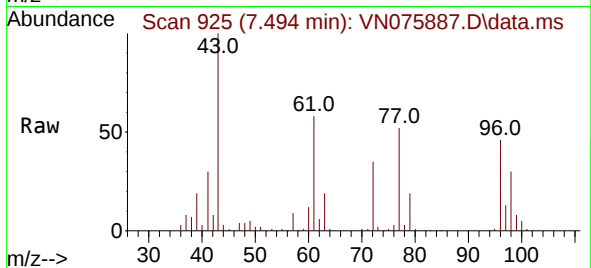
Acq: 20 Dec 2022 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 96 Resp: 21186

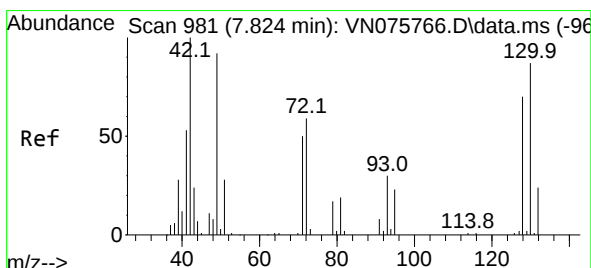
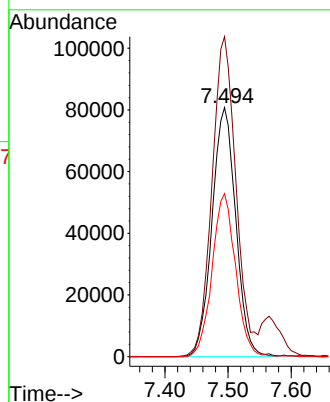
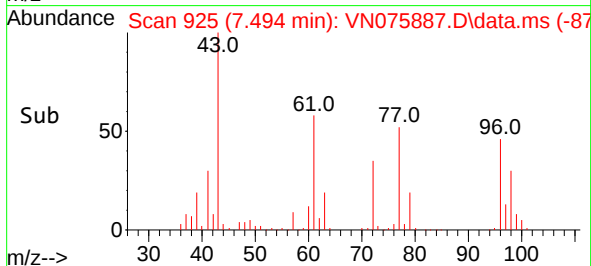
Ion	Ratio	Lower	Upper
96	100		
61	129.8	0.0	247.8
98	64.4	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#28

Bromochloromethane

Concen: 43.384 ug/l

RT: 7.818 min Scan# 980

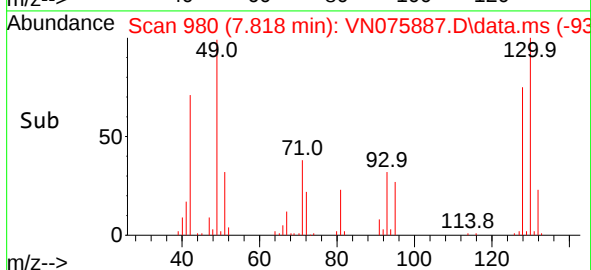
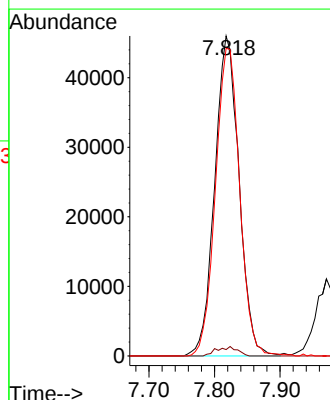
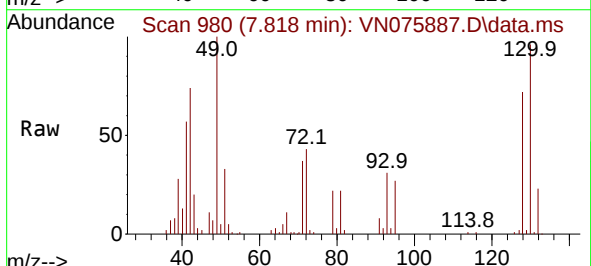
Delta R.T. -0.006 min

Lab File: VN075887.D

Acq: 20 Dec 2022 10:14

Tgt Ion: 49 Resp: 118094

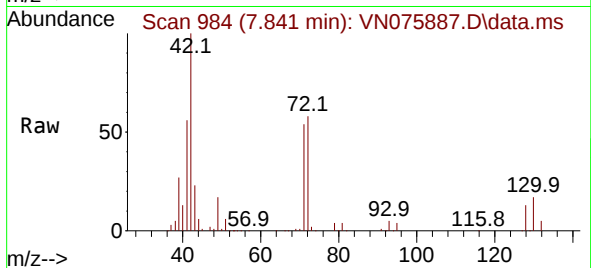
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	96.0	77.0	115.4





#29
Tetrahydrofuran
Concen: 240.522 ug/l
RT: 7.841 min Scan# 984
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

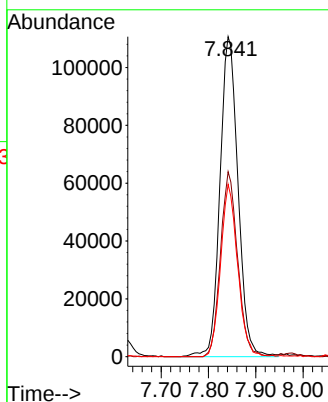
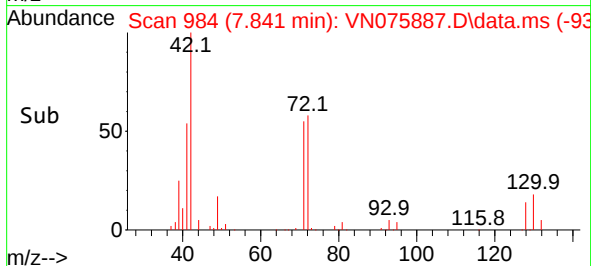
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



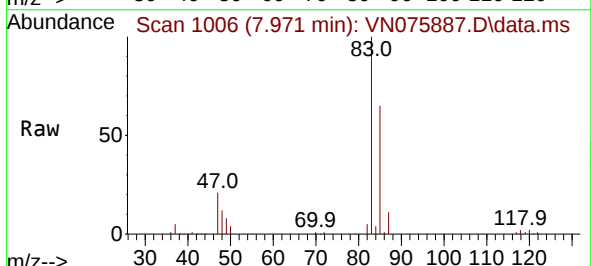
Tgt Ion: 42 Resp: 292839
Ion Ratio Lower Upper
42 100
72 55.1 44.5 66.7
71 50.9 41.0 61.6

Manual Integrations
APPROVED

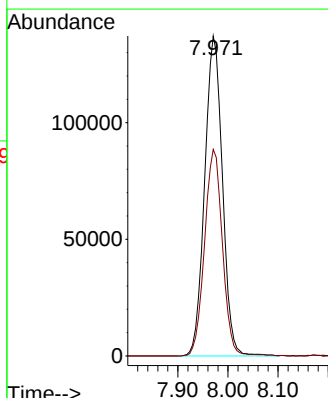
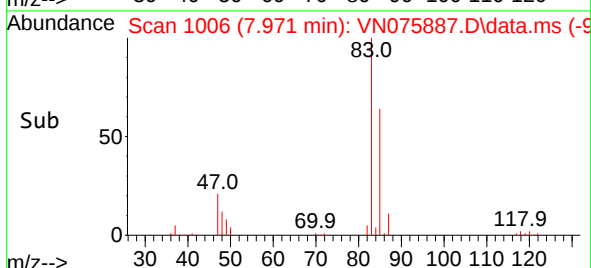
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

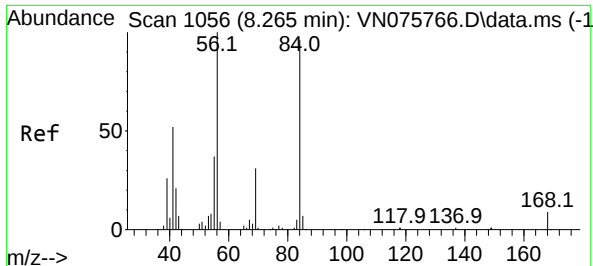


#30
Chloroform
Concen: 48.239 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14



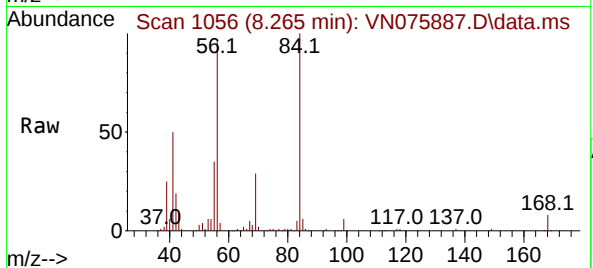
Tgt Ion: 83 Resp: 337306
Ion Ratio Lower Upper
83 100
85 64.6 49.1 73.7





#31
Cyclohexane
Concen: 46.490 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

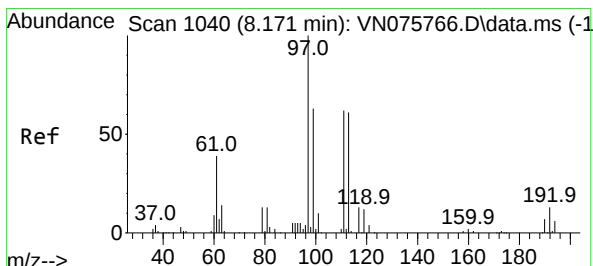
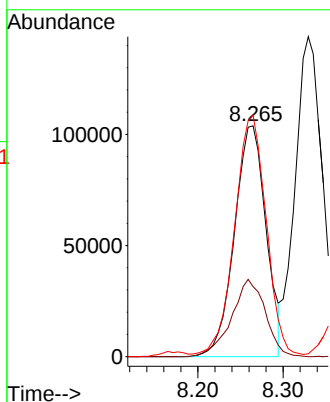
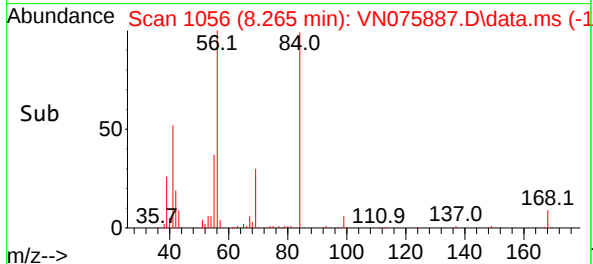
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



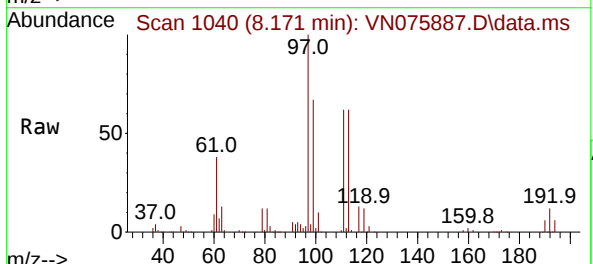
Tgt Ion: 56 Resp: 268004
Ion Ratio Lower Upper
56 100
69 30.4 24.7 37.1
84 102.5 76.5 114.7

Manual Integrations
APPROVED

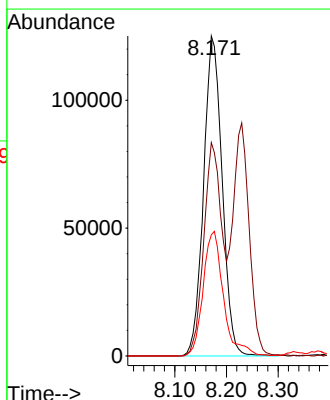
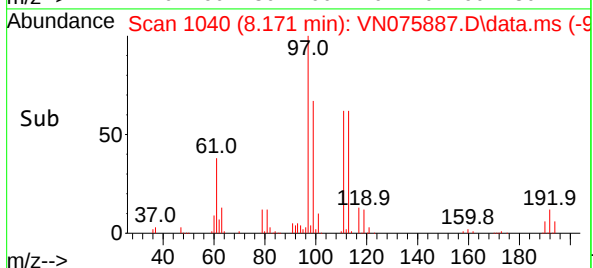
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

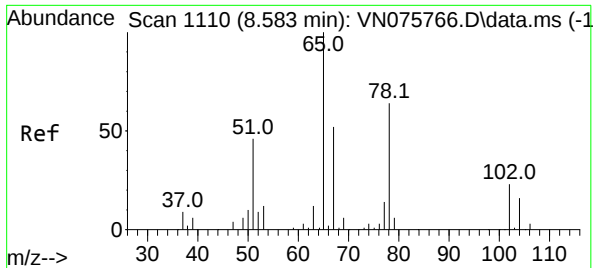


#32
1,1,1-Trichloroethane
Concen: 50.469 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14



Tgt Ion: 97 Resp: 312867
Ion Ratio Lower Upper
97 100
99 64.8 50.2 75.2
61 42.6 34.5 51.7





#33
1,2-Dichloroethane-d4
Concen: 48.822 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

Instrument :

MSVOA_N

ClientSampleId :

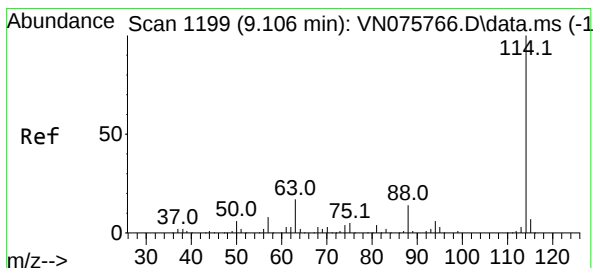
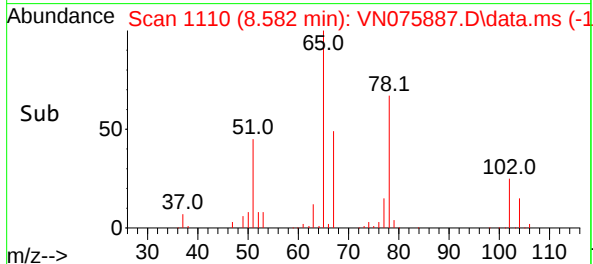
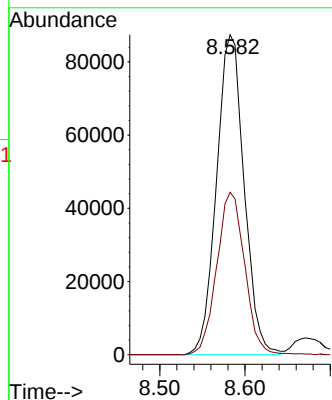
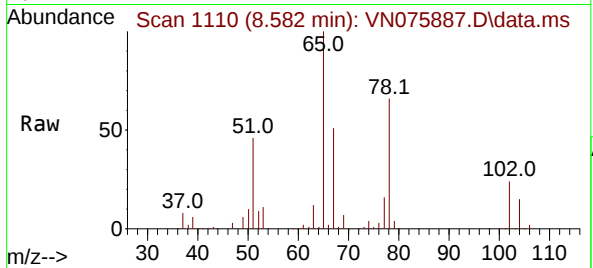
VSTDCCC050

Tgt Ion: 65 Resp: 196510
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.4

Manual Integrations

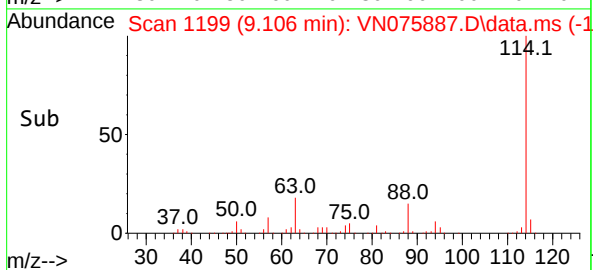
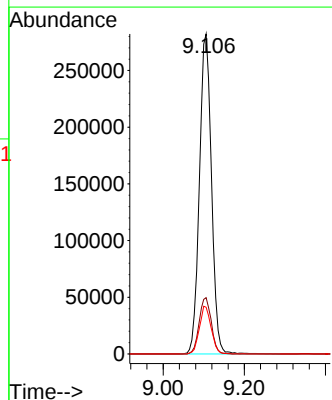
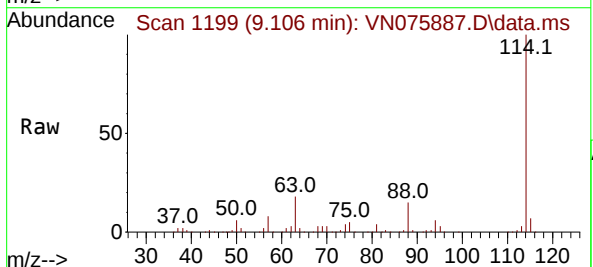
APPROVED

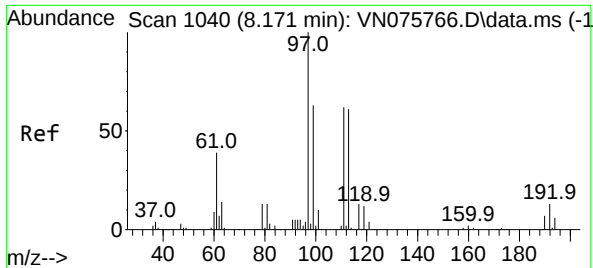
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

Tgt Ion:114 Resp: 583856
Ion Ratio Lower Upper
114 100
63 17.6 0.0 34.4
88 14.6 0.0 28.8





#35

Dibromofluoromethane

Concen: 49.779 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075887.D

Acq: 20 Dec 2022 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

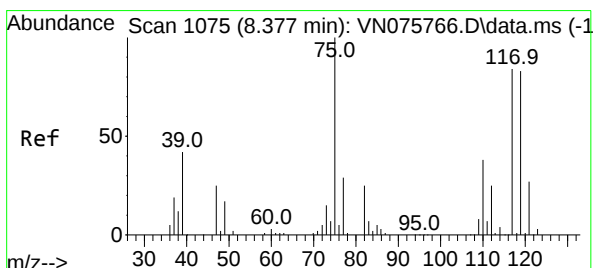
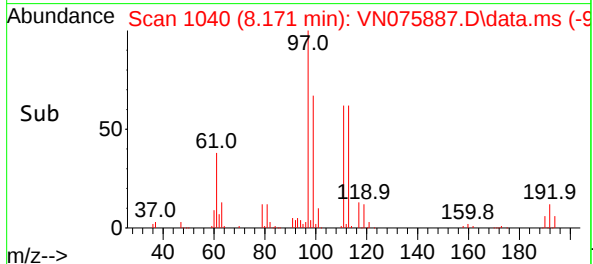
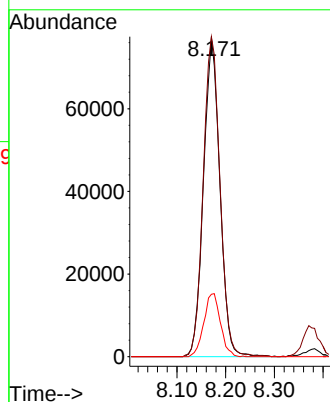
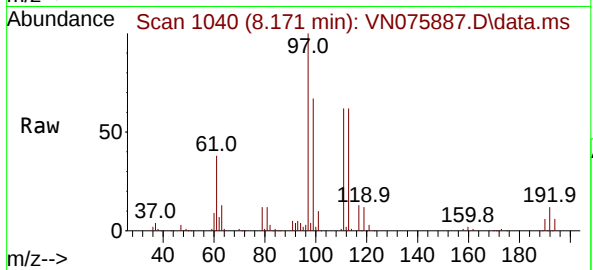
Tgt Ion:	113	Resp:	17998
Ion Ratio	Lower	Upper	
113	100		
111	102.6	83.4	125.2
192	20.0	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#36

1,1-Dichloropropene

Concen: 51.497 ug/l

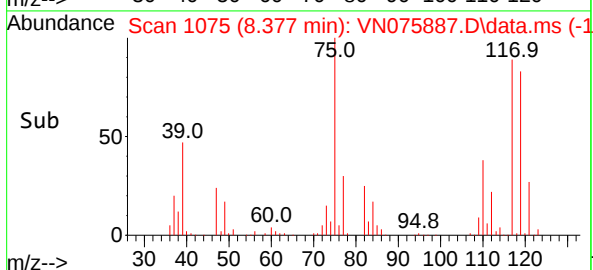
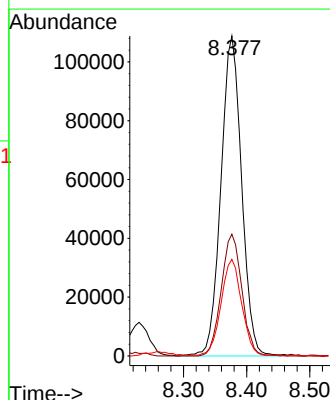
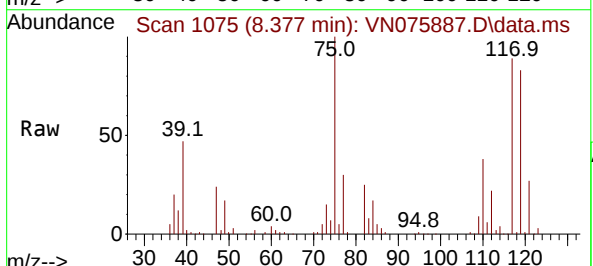
RT: 8.377 min Scan# 1075

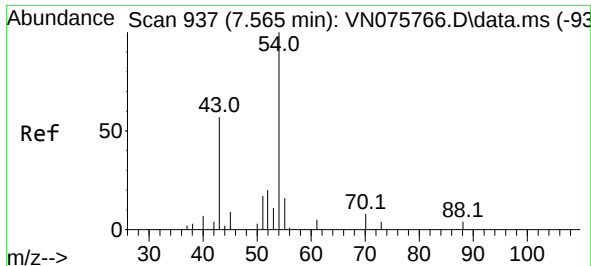
Delta R.T. -0.000 min

Lab File: VN075887.D

Acq: 20 Dec 2022 10:14

Tgt Ion:	75	Resp:	247345
Ion Ratio	Lower	Upper	
75	100		
110	37.9	18.8	56.4
77	30.4	24.1	36.1





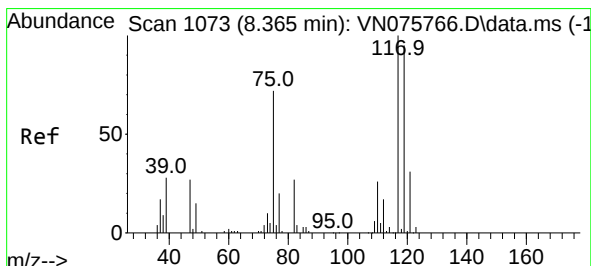
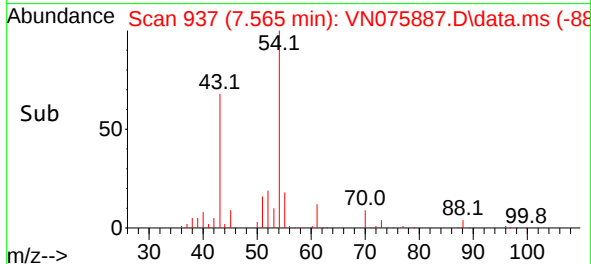
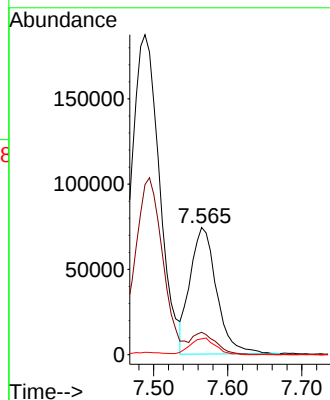
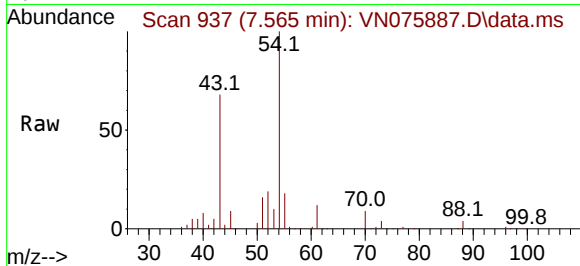
#37
Ethyl Acetate
Concen: 47.574 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 18354
Ion Ratio Lower Upper
43 100
61 14.9 13.0 19.4
70 12.6 9.4 14.0

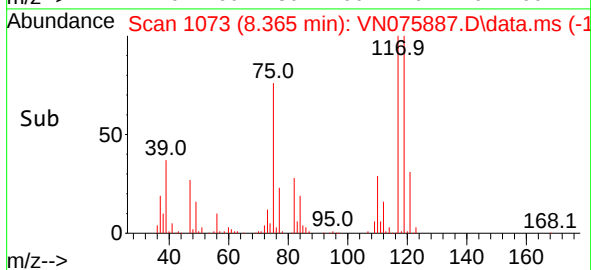
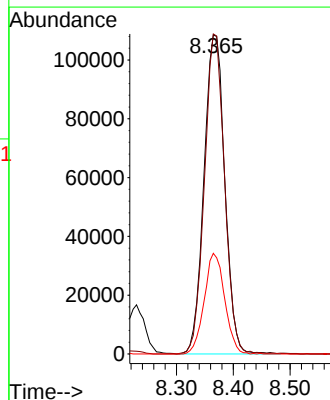
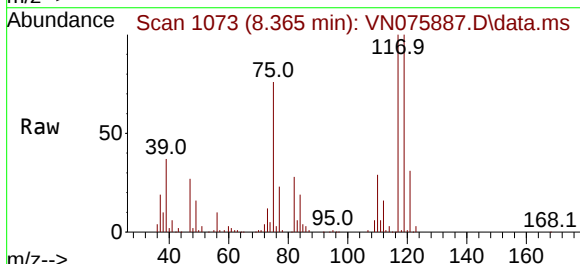
Manual Integrations
APPROVED

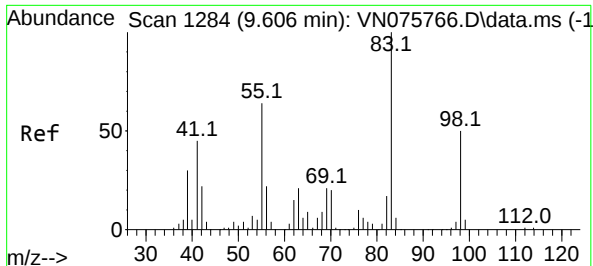
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#38
Carbon Tetrachloride
Concen: 51.300 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

Tgt Ion:117 Resp: 275776
Ion Ratio Lower Upper
117 100
119 100.1 76.1 114.1
121 31.5 24.5 36.7





#39

Methylcyclohexane

Concen: 55.823 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. -0.000 min

Lab File: VN075887.D

Acq: 20 Dec 2022 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 32347

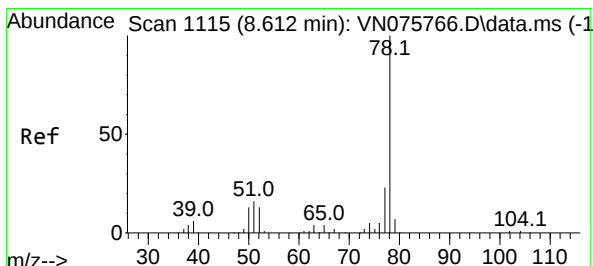
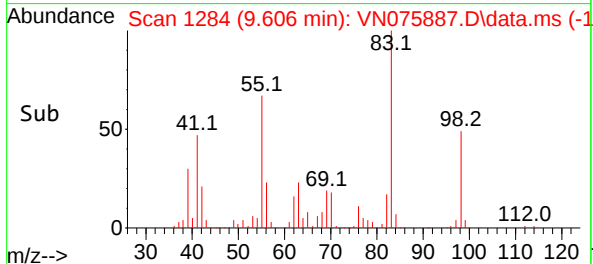
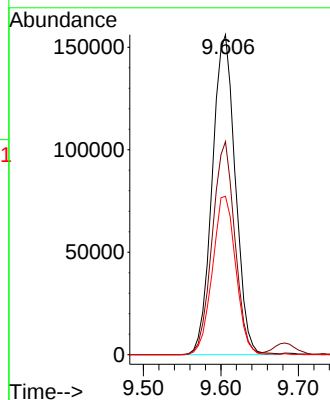
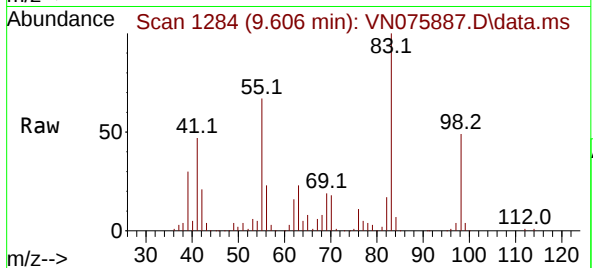
Ion	Ratio	Lower	Upper
83	100		
55	66.6	51.4	77.0
98	49.5	39.8	59.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#40

Benzene

Concen: 50.009 ug/l

RT: 8.612 min Scan# 1115

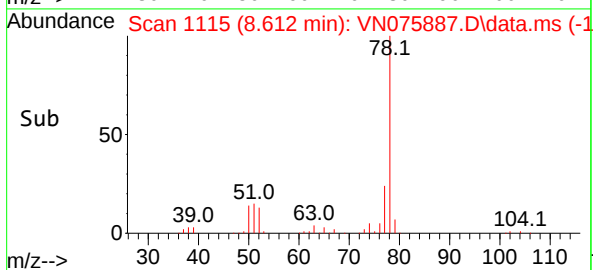
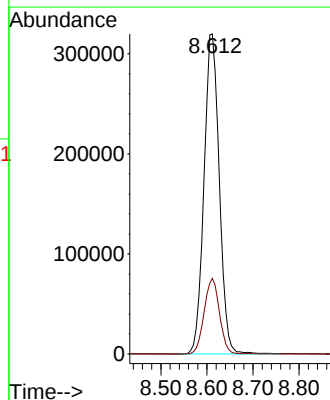
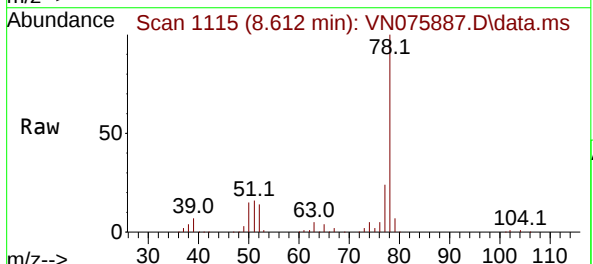
Delta R.T. -0.000 min

Lab File: VN075887.D

Acq: 20 Dec 2022 10:14

Tgt Ion: 78 Resp: 741097

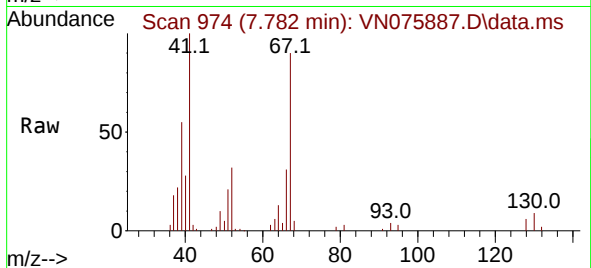
Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.5	27.7





#41
Methacrylonitrile
Concen: 52.790 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

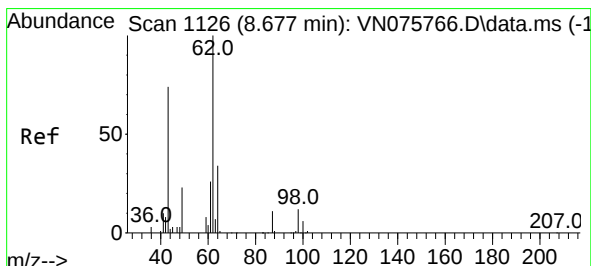
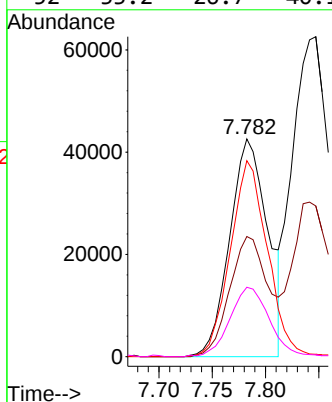
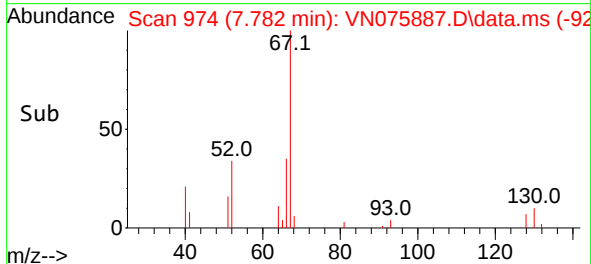
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



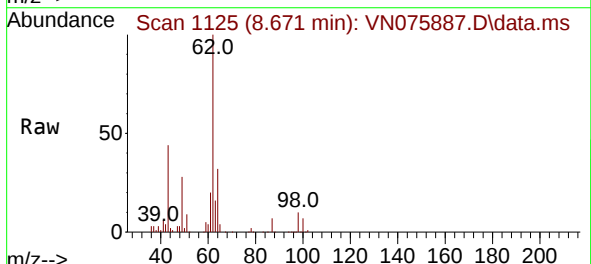
Tgt Ion: 41 Resp: 105860
Ion Ratio Lower Upper
41 100
39 55.9 43.1 64.7
67 88.0 70.7 106.1
52 33.2 26.7 40.1

Manual Integrations
APPROVED

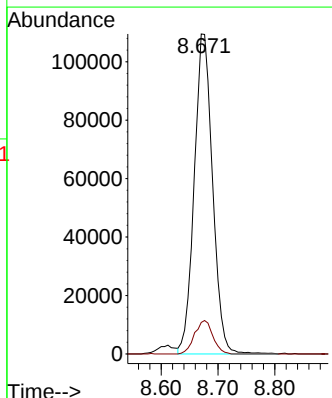
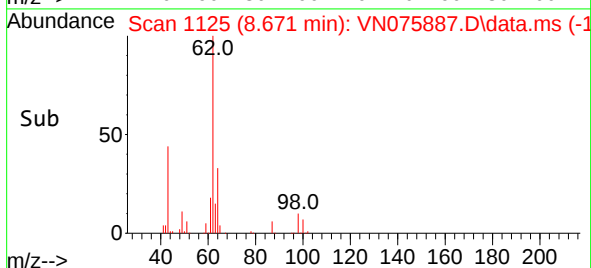
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

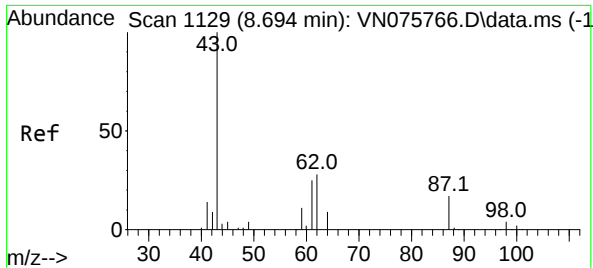


#42
1,2-Dichloroethane
Concen: 49.937 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14



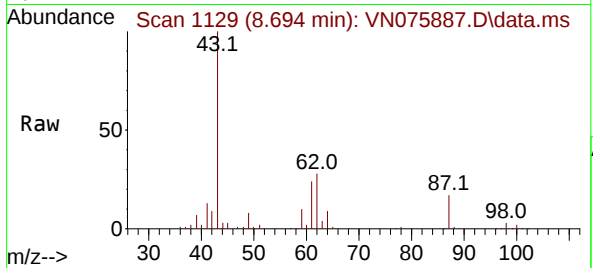
Tgt Ion: 62 Resp: 246029
Ion Ratio Lower Upper
62 100
98 10.4 0.0 20.8





#43
Isopropyl Acetate
Concen: 52.731 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

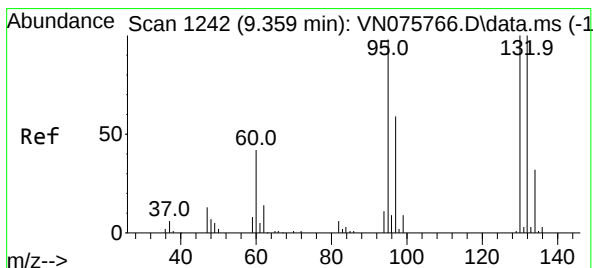
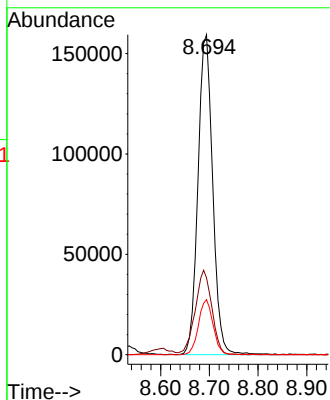
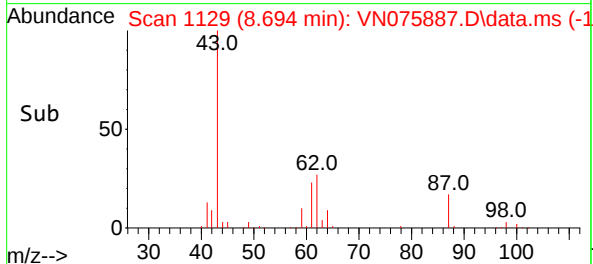
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



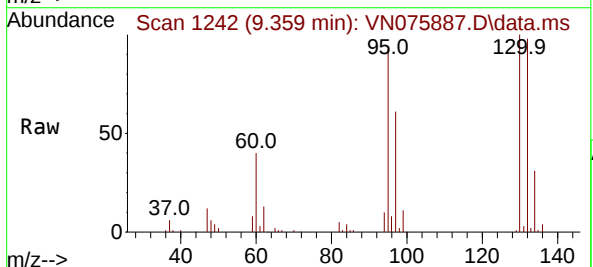
Tgt Ion: 43 Resp: 335590
Ion Ratio Lower Upper
43 100
61 29.8 24.2 36.4
87 17.0 13.3 19.9

Manual Integrations
APPROVED

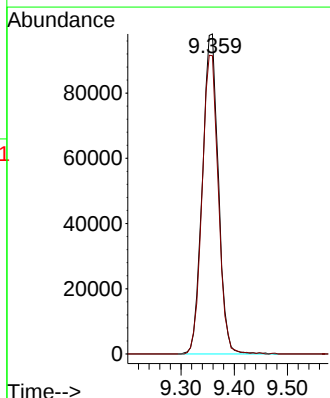
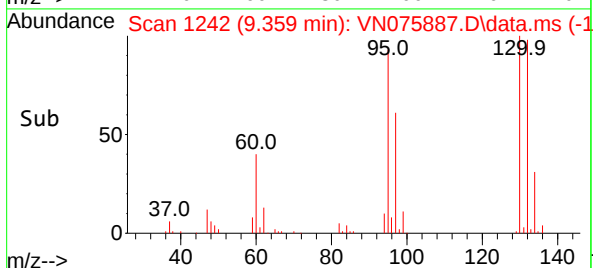
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

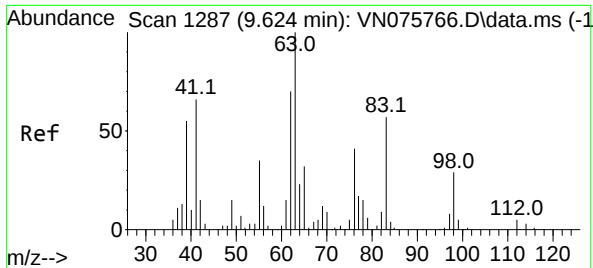


#44
Trichloroethene
Concen: 48.882 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14



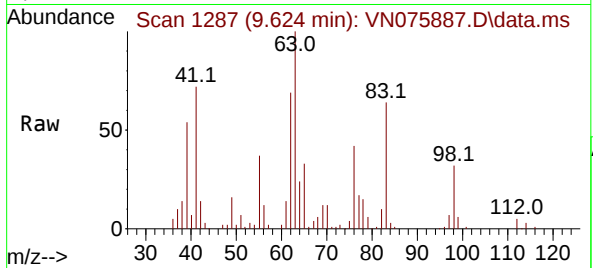
Tgt Ion:130 Resp: 204077
Ion Ratio Lower Upper
130 100
95 93.2 0.0 195.4





#45
1,2-Dichloropropane
Concen: 49.759 ug/l
RT: 9.624 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

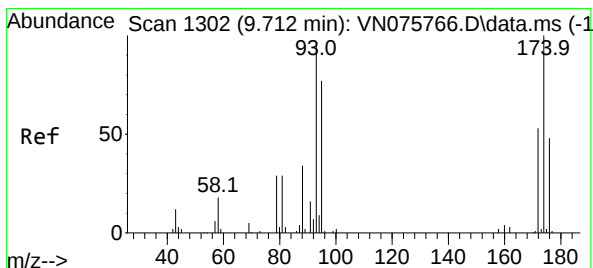
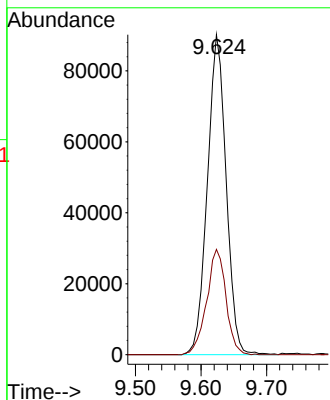
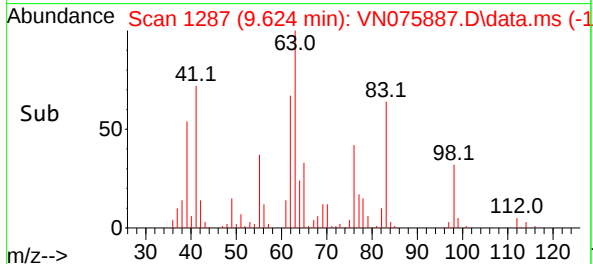
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



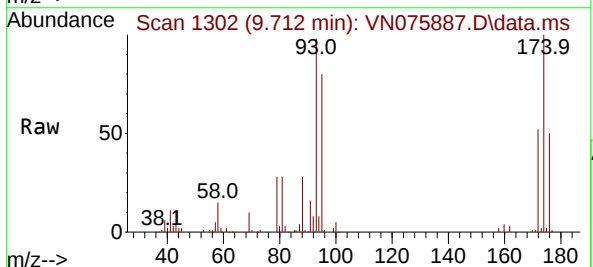
Tgt Ion: 63 Resp: 17944
Ion Ratio Lower Upper
63 100
65 32.9 25.7 38.5

Manual Integrations
APPROVED

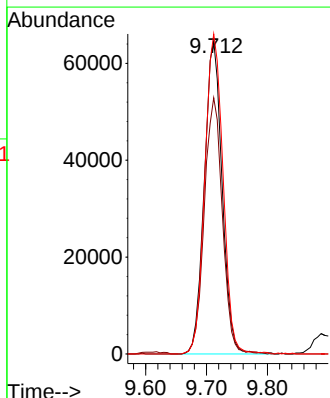
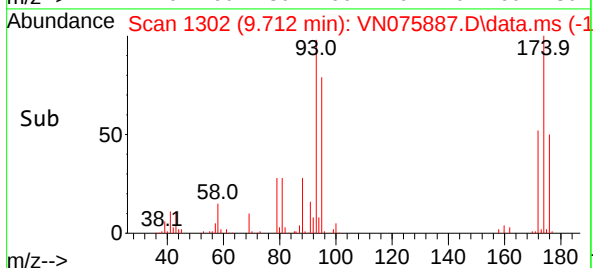
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

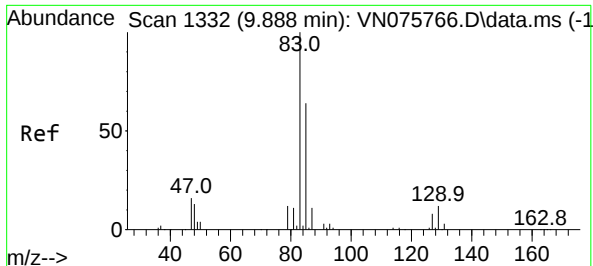


#46
Dibromomethane
Concen: 49.133 ug/l
RT: 9.712 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14



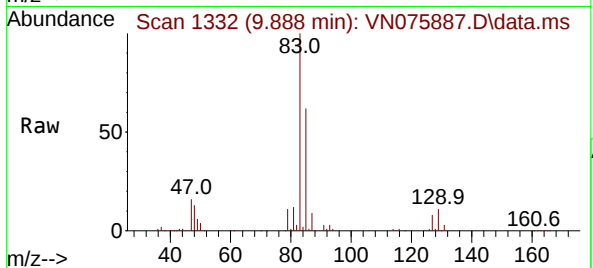
Tgt Ion: 93 Resp: 131418
Ion Ratio Lower Upper
93 100
95 83.3 65.2 97.8
174 104.7 82.4 123.6





#47
Bromodichloromethane
Concen: 51.408 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

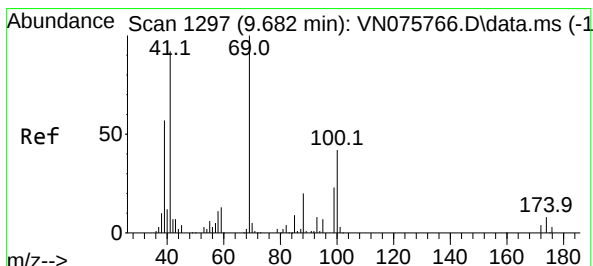
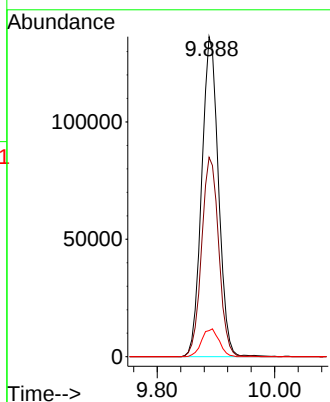
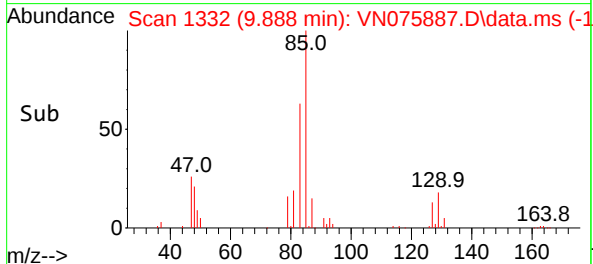
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



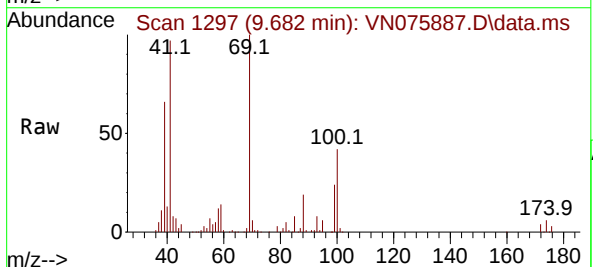
Tgt Ion: 83 Resp: 26964
Ion Ratio Lower Upper
83 100
85 62.3 51.5 77.3
127 8.2 6.6 10.0

Manual Integrations
APPROVED

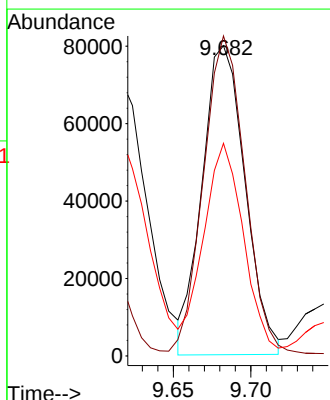
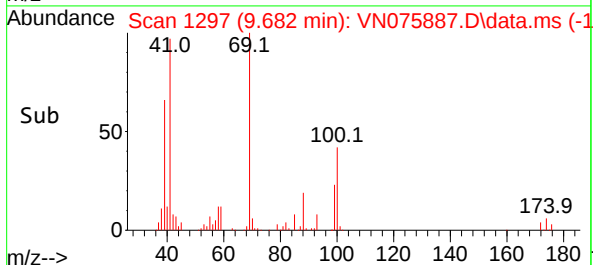
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#48
Methyl methacrylate
Concen: 53.754 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14



Tgt Ion: 41 Resp: 154080
Ion Ratio Lower Upper
41 100
69 101.3 81.9 122.9
39 64.9 51.6 77.4





#49

1,4-Dioxane

Concen: 899.721 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN075887.D

Acq: 20 Dec 2022 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 63402

Ion Ratio Lower Upper

88 100

43 22.5 17.1 25.7

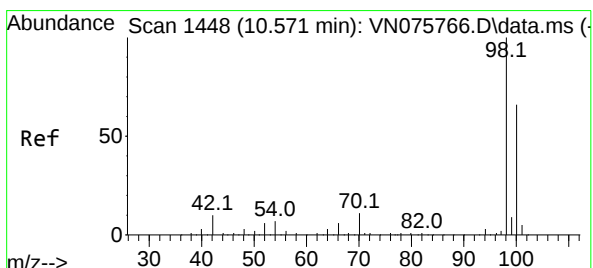
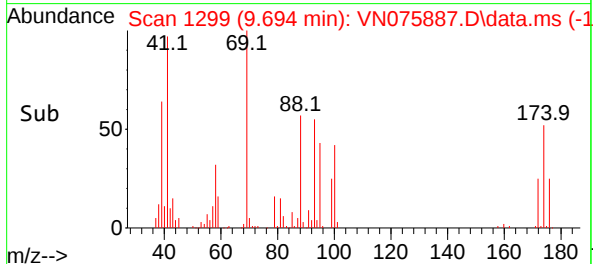
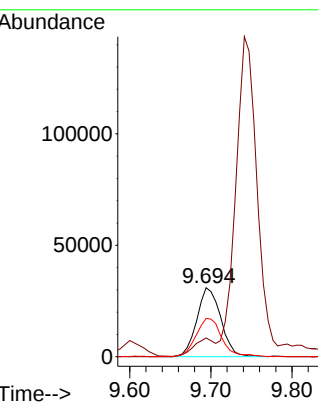
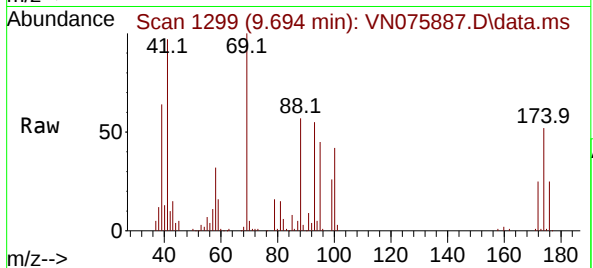
58 59.7 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#50

Toluene-d8

Concen: 49.651 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075887.D

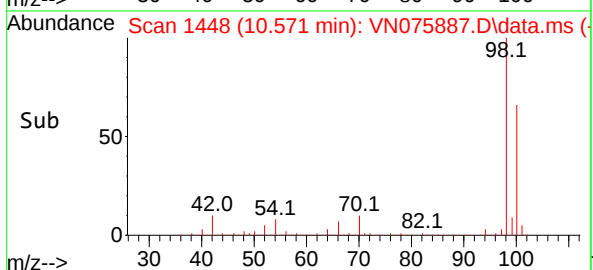
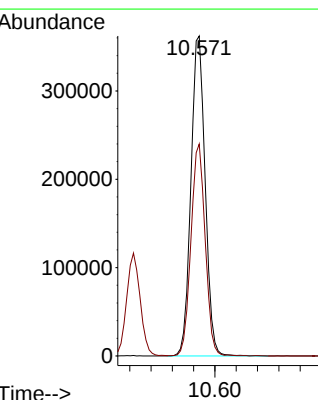
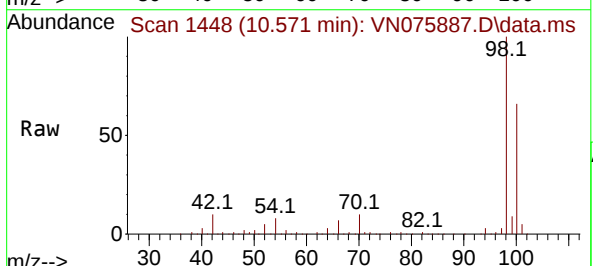
Acq: 20 Dec 2022 10:14

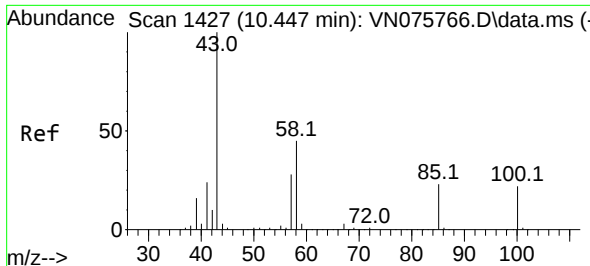
Tgt Ion: 98 Resp: 671229

Ion Ratio Lower Upper

98 100

100 66.4 52.1 78.1





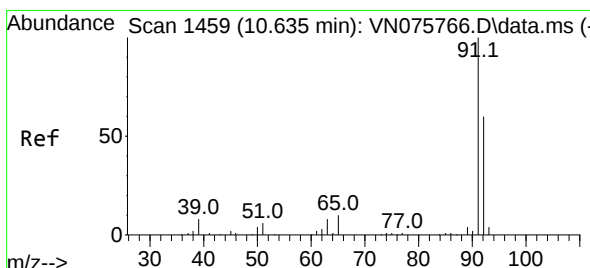
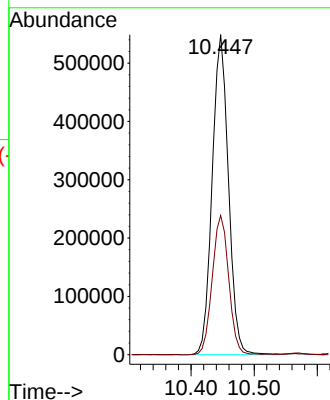
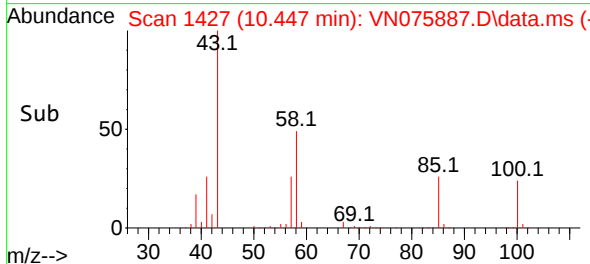
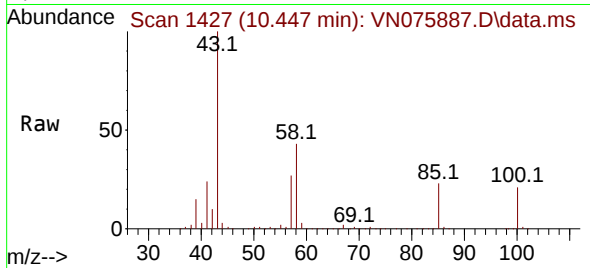
#51
4-Methyl-2-Pentanone
Concen: 254.738 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 980438
Ion Ratio Lower Upper
43 100
58 43.9 35.5 53.3

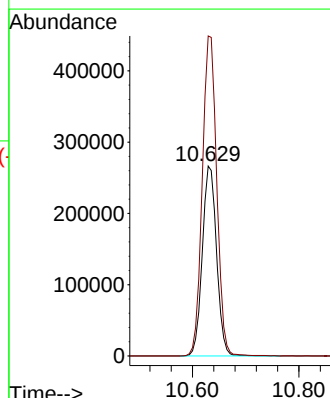
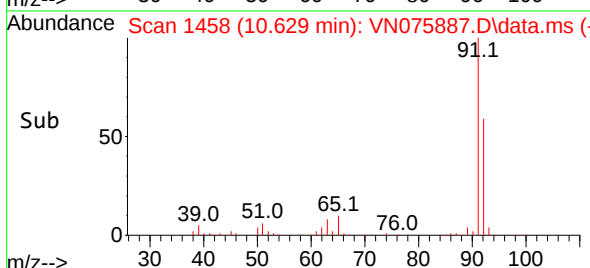
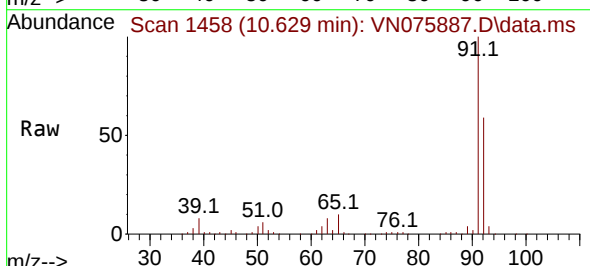
Manual Integrations
APPROVED

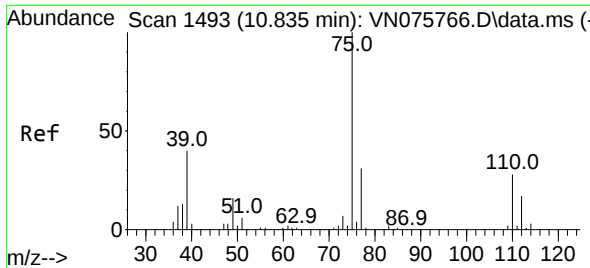
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#52
Toluene
Concen: 51.243 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

Tgt Ion: 92 Resp: 494571
Ion Ratio Lower Upper
92 100
91 171.1 137.3 205.9





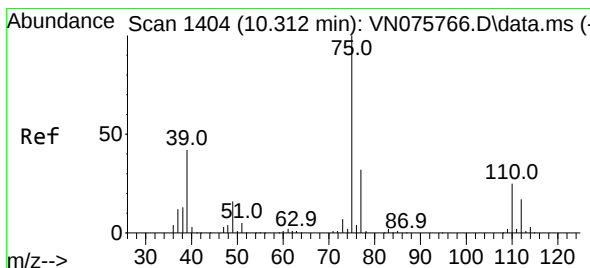
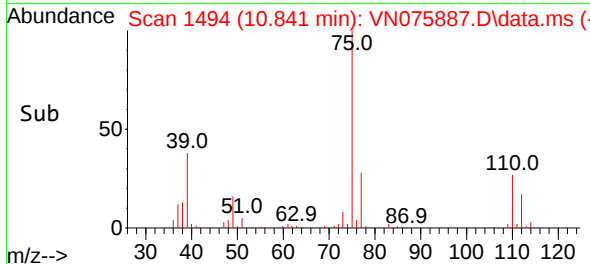
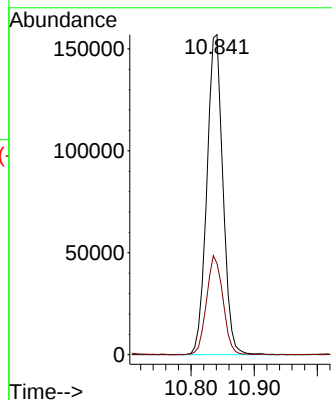
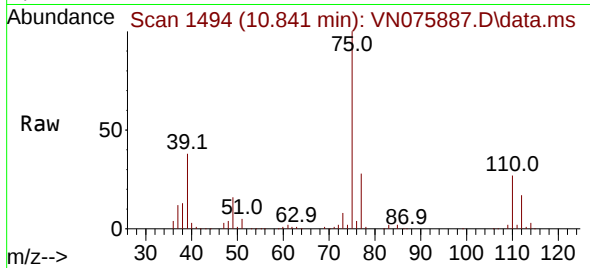
#53
 t-1,3-Dichloropropene
 Concen: 53.965 ug/l
 RT: 10.841 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: VN075887.D
 Acq: 20 Dec 2022 10:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 277086
 Ion Ratio Lower Upper
 75 100
 77 28.4 24.9 37.3

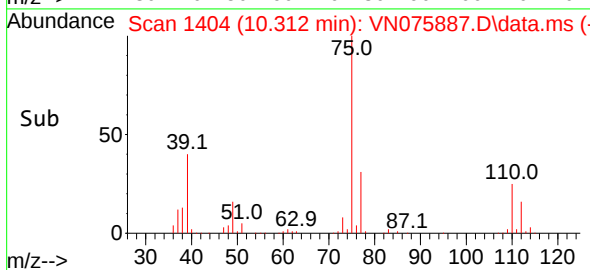
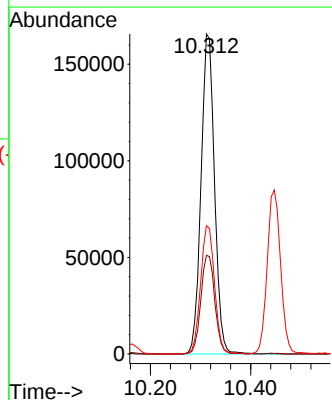
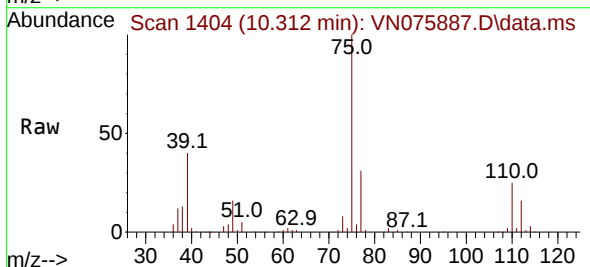
Manual Integrations
 APPROVED

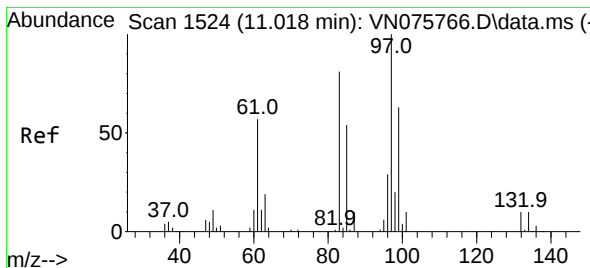
Reviewed By :John Carlone 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022



#54
 cis-1,3-Dichloropropene
 Concen: 54.932 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.000 min
 Lab File: VN075887.D
 Acq: 20 Dec 2022 10:14

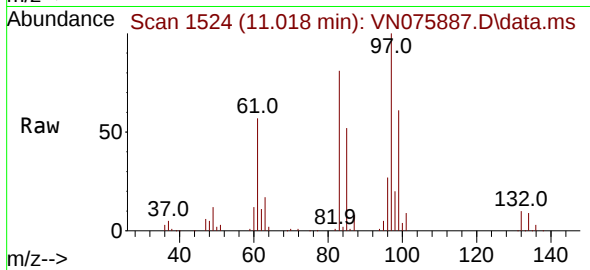
Tgt Ion: 75 Resp: 309677
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.8 38.8
 39 40.0 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 50.778 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

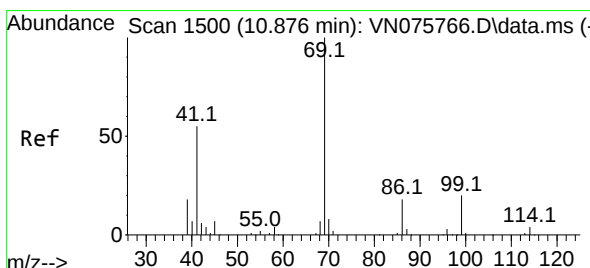
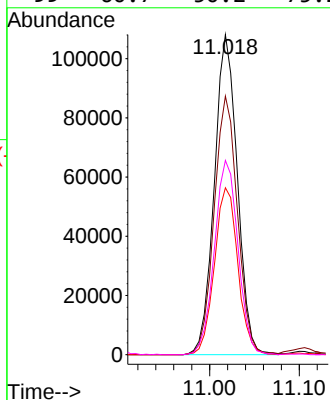
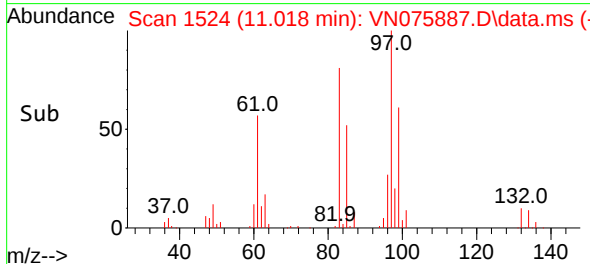
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



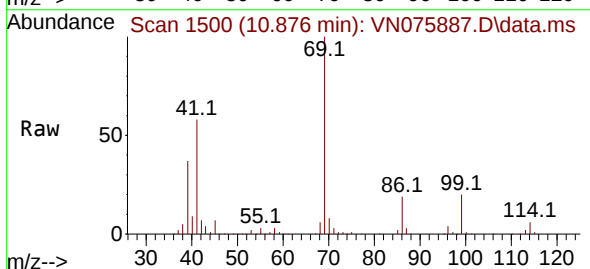
Tgt Ion: 97 Resp: 192358
Ion Ratio Lower Upper
97 100
83 80.8 65.0 97.4
85 52.2 43.0 64.6
99 60.7 50.2 75.2

Manual Integrations
APPROVED

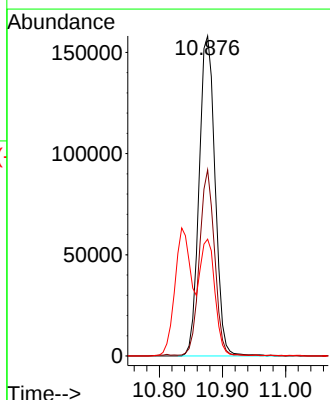
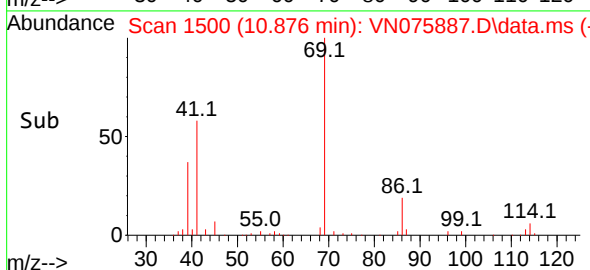
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

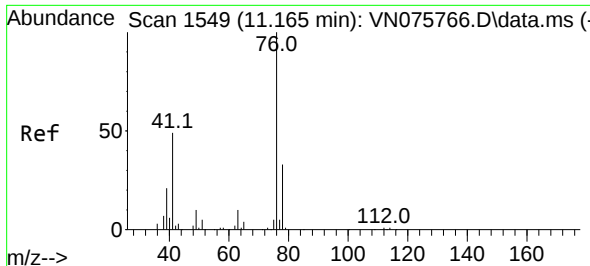


#56
Ethyl methacrylate
Concen: 55.067 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14



Tgt Ion: 69 Resp: 277089
Ion Ratio Lower Upper
69 100
41 54.7 44.2 66.4
39 33.2 26.4 39.6





#57

1,3-Dichloropropane

Concen: 49.789 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075887.D

Acq: 20 Dec 2022 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 309384

Ion Ratio Lower Upper

76 100

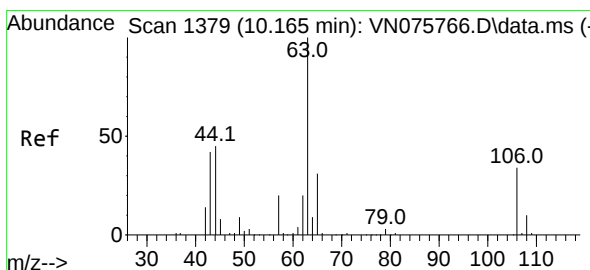
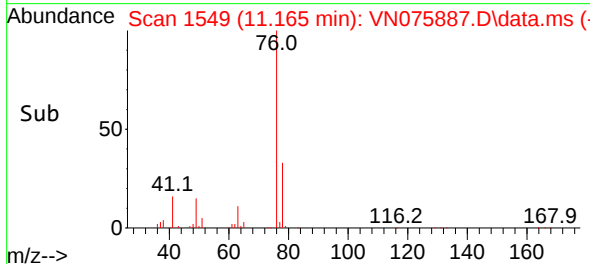
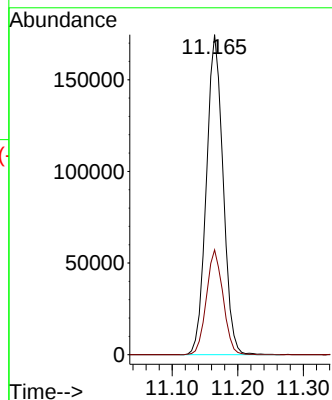
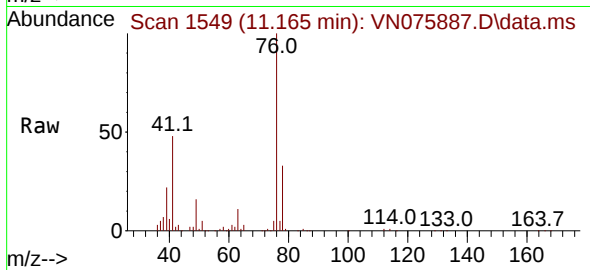
78 32.6 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 278.033 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.006 min

Lab File: VN075887.D

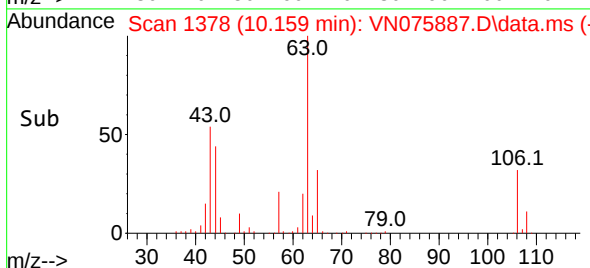
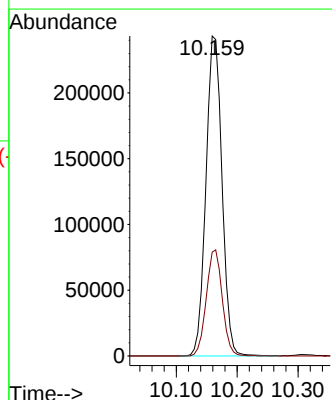
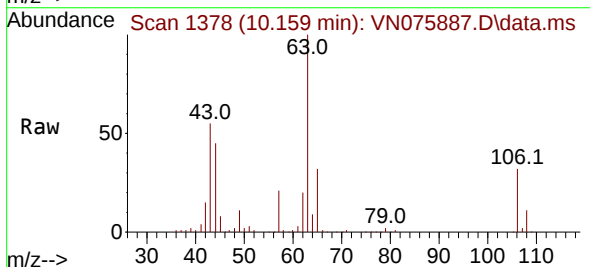
Acq: 20 Dec 2022 10:14

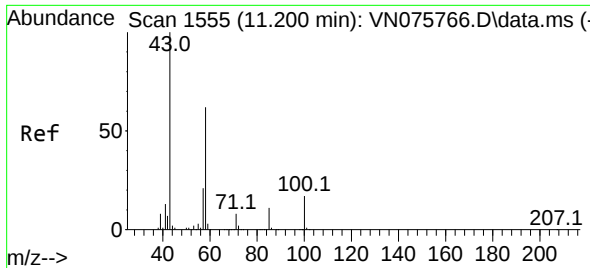
Tgt Ion: 63 Resp: 445420

Ion Ratio Lower Upper

63 100

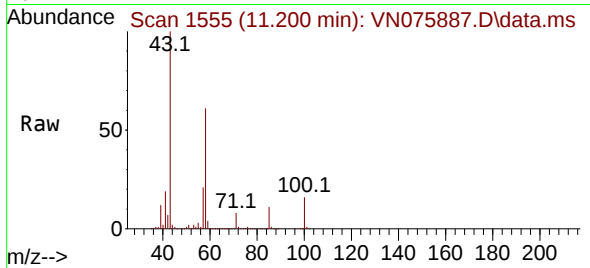
106 32.9 26.4 39.6





#59
2-Hexanone
Concen: 264.406 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

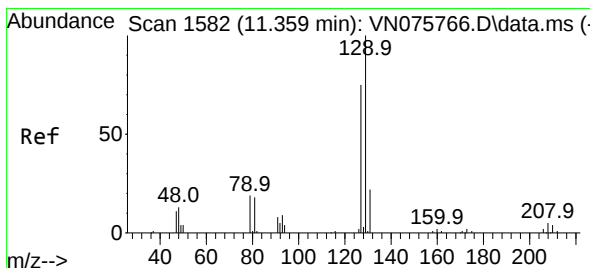
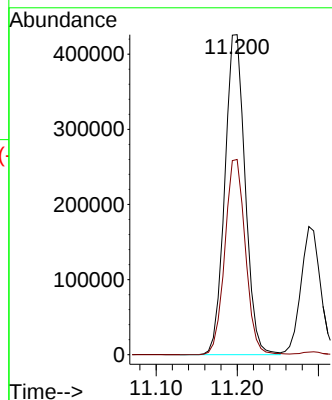
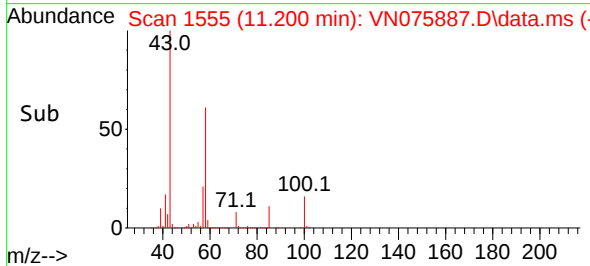
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 742140
Ion Ratio Lower Upper
43 100
58 61.6 30.6 92.0

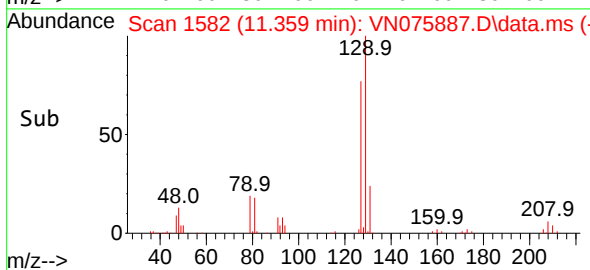
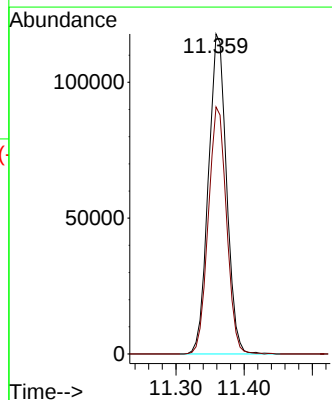
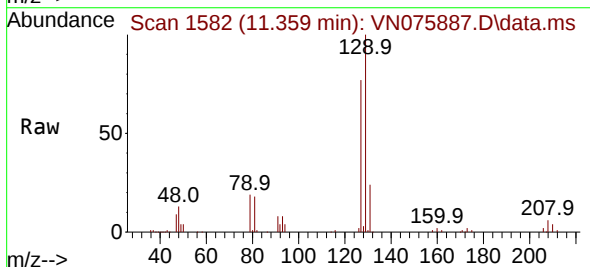
Manual Integrations
APPROVED

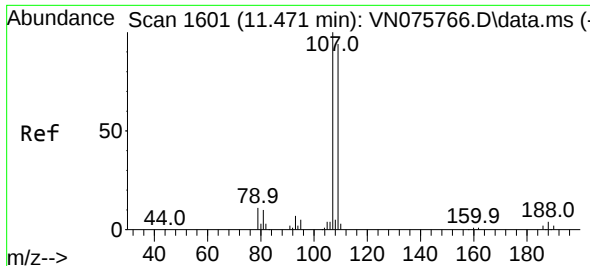
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#60
Dibromochloromethane
Concen: 51.690 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

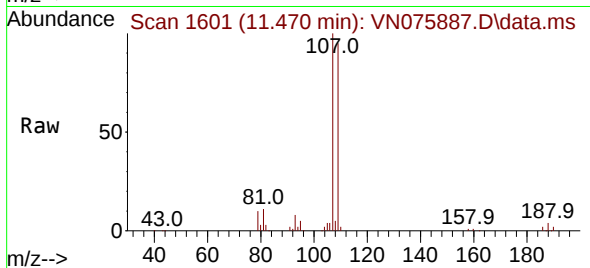
Tgt Ion:129 Resp: 217766
Ion Ratio Lower Upper
129 100
127 77.5 38.3 114.9





#61
1,2-Dibromoethane
Concen: 50.891 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

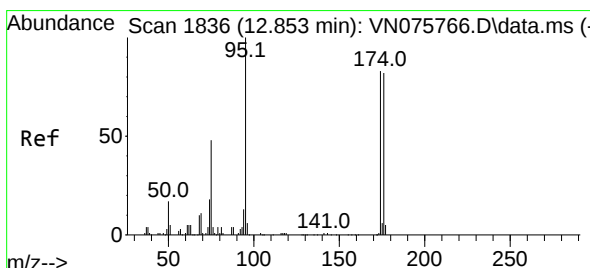
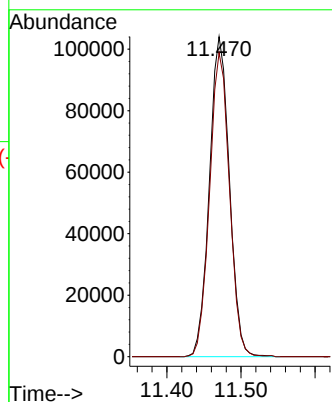
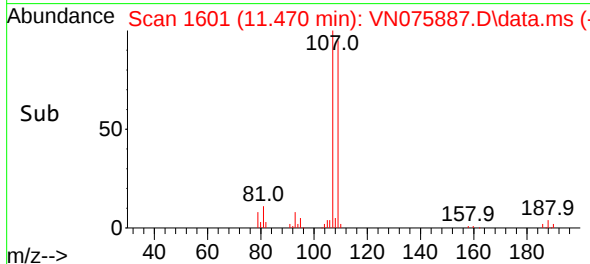
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



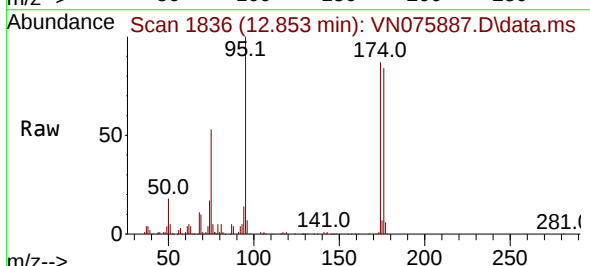
Tgt Ion:107 Resp: 195097
Ion Ratio Lower Upper
107 100
109 94.3 74.8 112.2

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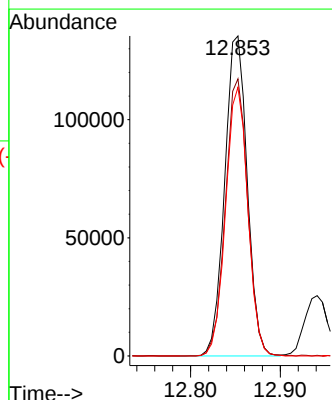
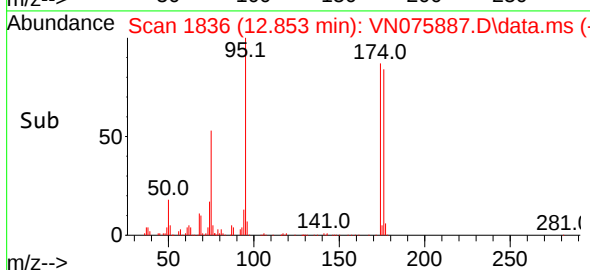
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

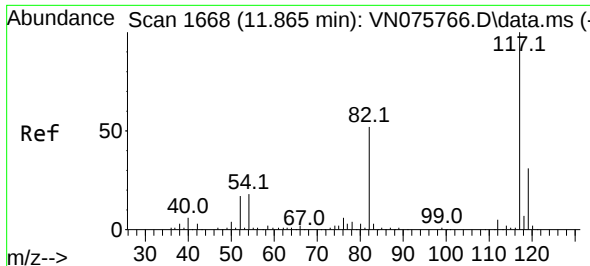


#62
4-Bromofluorobenzene
Concen: 52.700 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14



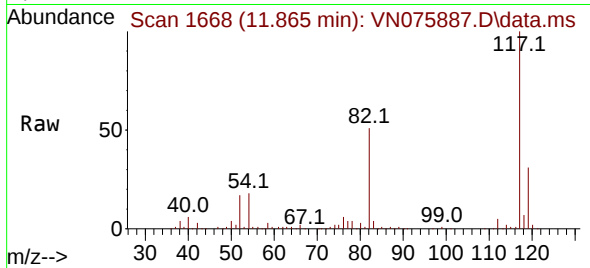
Tgt Ion: 95 Resp: 235969
Ion Ratio Lower Upper
95 100
174 85.9 0.0 171.6
176 82.7 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

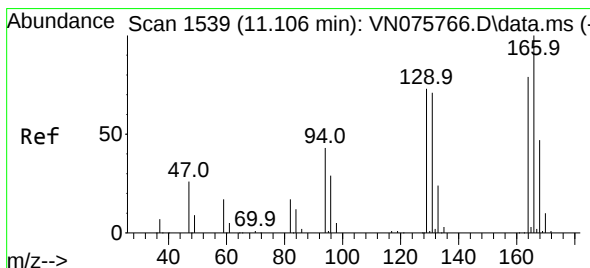
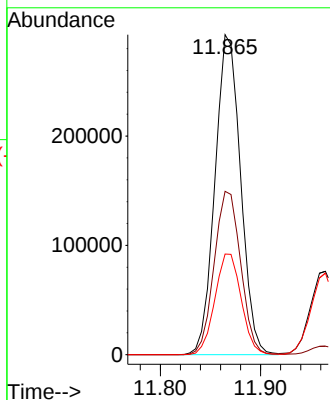
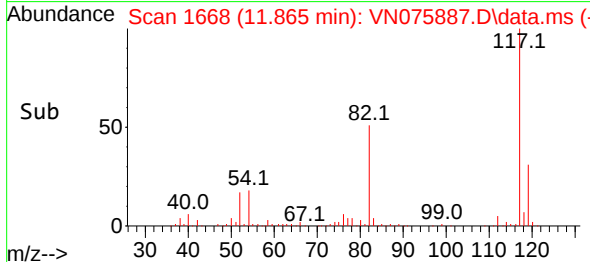
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



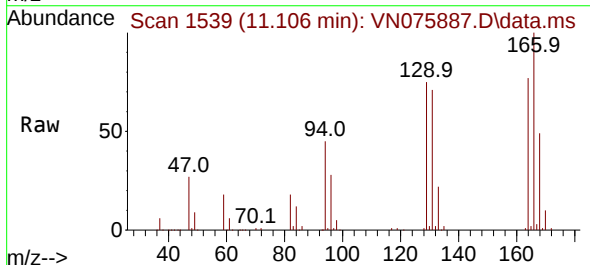
Tgt Ion:117 Resp: 52086
Ion Ratio Lower Upper
117 100
82 51.0 41.3 61.9
119 31.4 24.6 37.0

Manual Integrations
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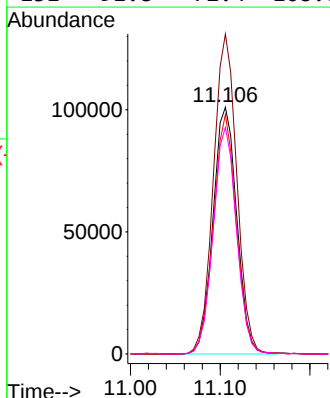
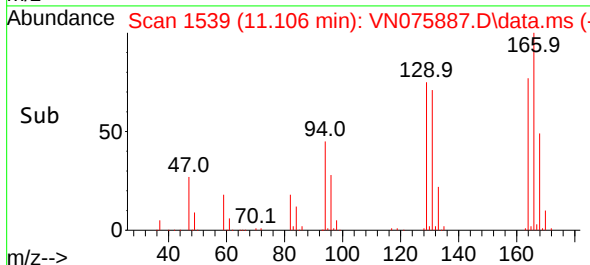
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

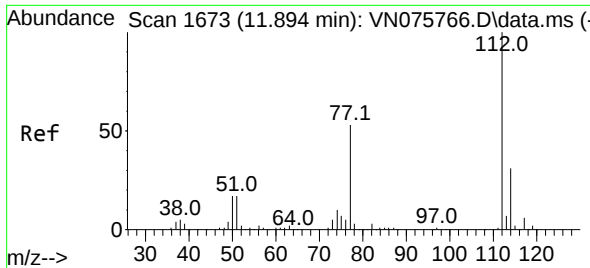


#64
Tetrachloroethene
Concen: 50.765 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14



Tgt Ion:164 Resp: 185786
Ion Ratio Lower Upper
164 100
166 129.7 101.9 152.9
129 97.1 74.2 111.2
131 91.8 72.4 108.6





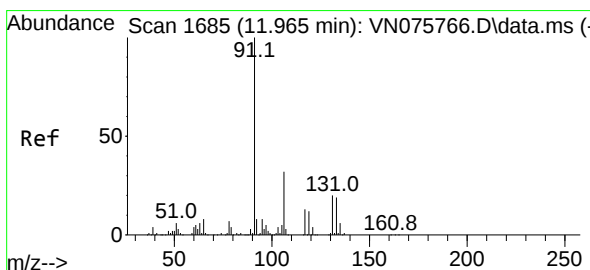
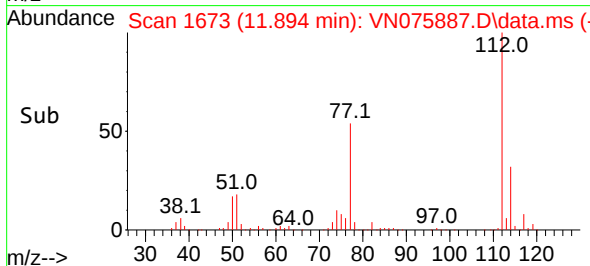
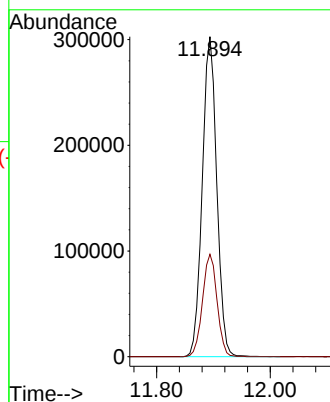
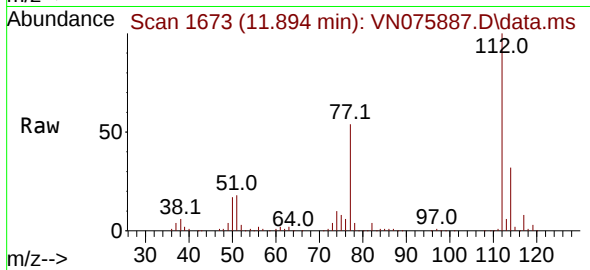
#65
Chlorobenzene
Concen: 50.099 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 53478
Ion Ratio Lower Upper
112 100
114 32.0 24.7 37.1

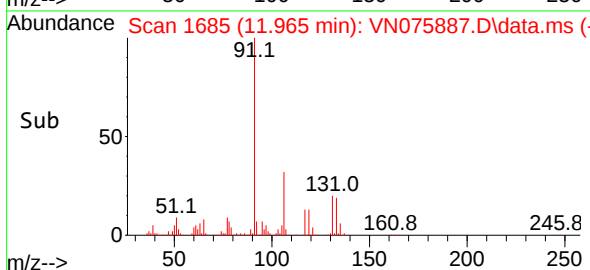
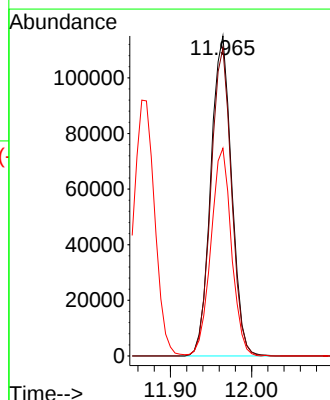
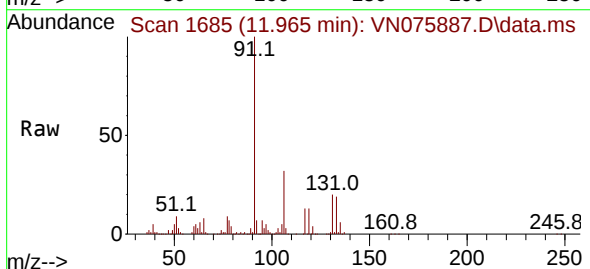
Manual Integrations
APPROVED

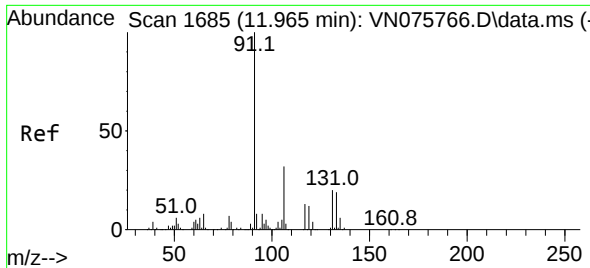
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 51.699 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

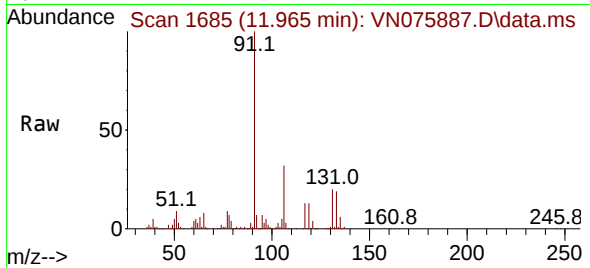
Tgt Ion:131 Resp: 204412
Ion Ratio Lower Upper
131 100
133 95.2 47.5 142.5
119 64.3 31.9 95.7





#67
Ethyl Benzene
Concen: 53.541 ug/l
RT: 11.965 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

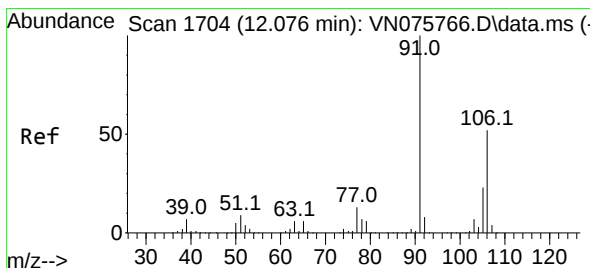
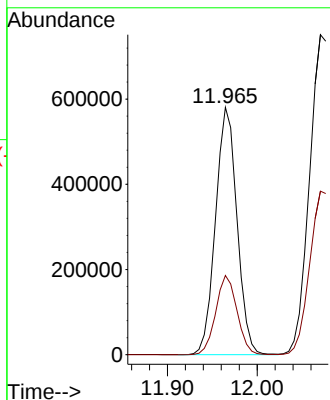
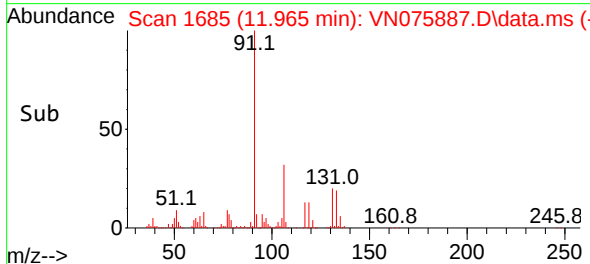
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



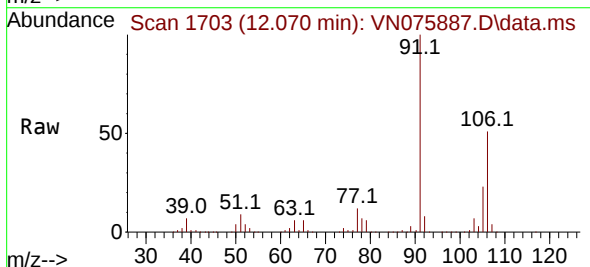
Tgt Ion: 91 Resp: 964600
Ion Ratio Lower Upper
91 100
106 32.0 25.7 38.5

Manual Integrations
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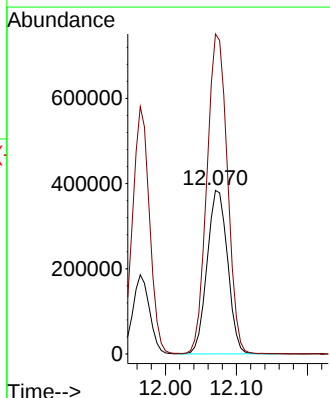
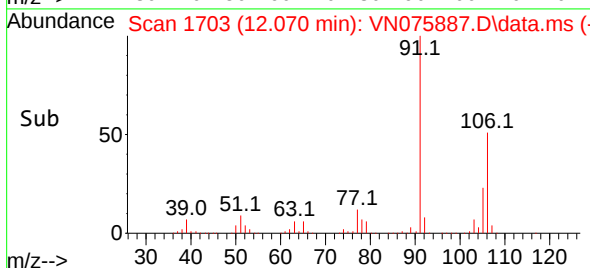
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

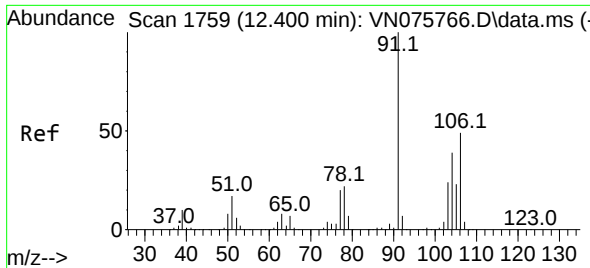


#68
m/p-Xylenes
Concen: 107.763 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14



Tgt Ion:106 Resp: 768430
Ion Ratio Lower Upper
106 100
91 195.9 156.6 235.0





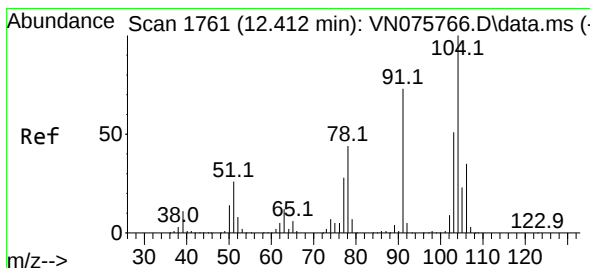
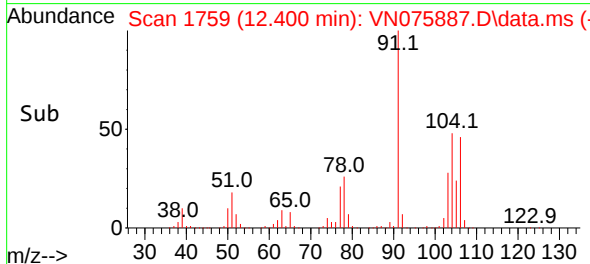
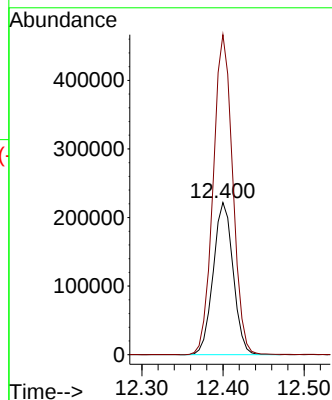
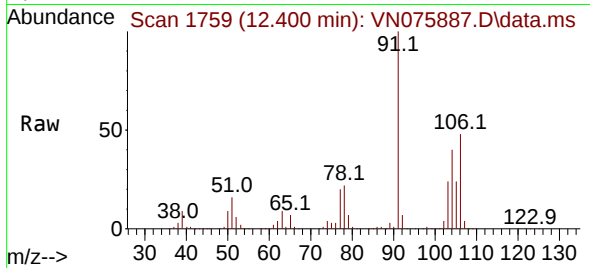
#69
o-Xylene
Concen: 53.594 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 37819
Ion Ratio Lower Upper
106 100
91 206.7 103.8 311.6

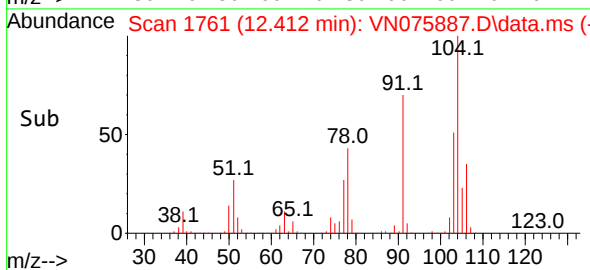
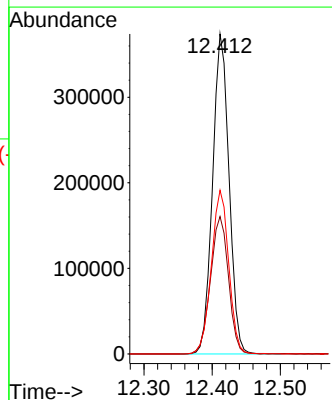
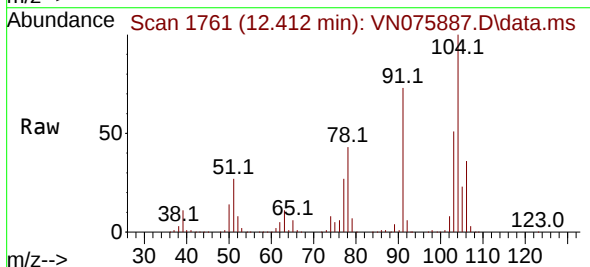
Manual Integrations
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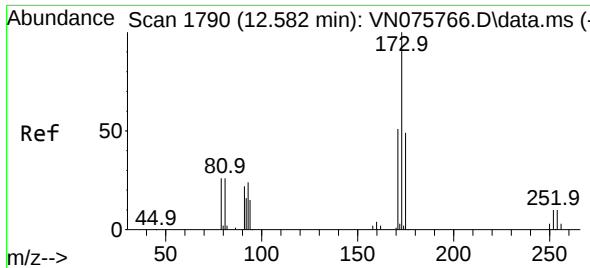
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#70
Styrene
Concen: 56.074 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

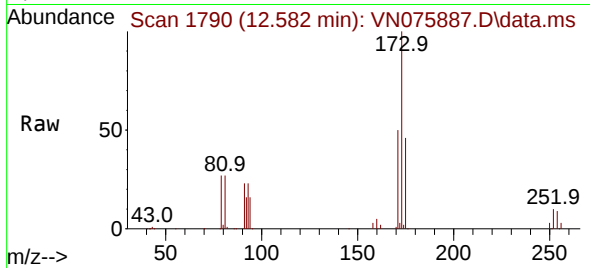
Tgt Ion:104 Resp: 629150
Ion Ratio Lower Upper
104 100
78 46.8 37.5 56.3
103 54.0 43.5 65.3





#71
Bromoform
Concen: 53.500 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

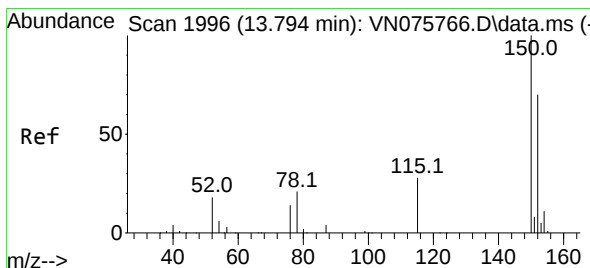
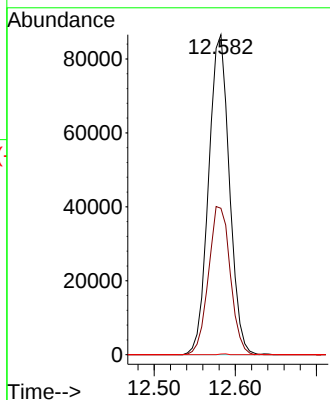
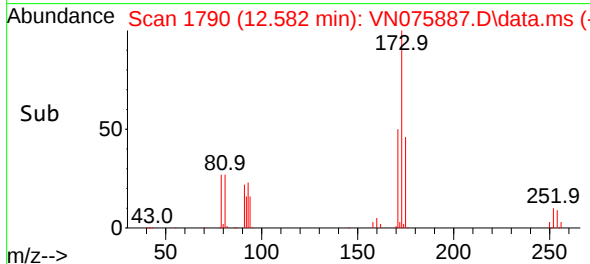
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



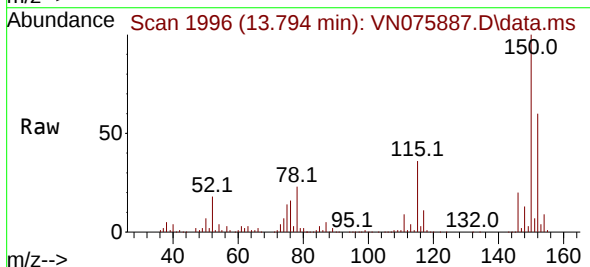
Tgt Ion:173 Resp: 153923
Ion Ratio Lower Upper
173 100
175 48.5 24.3 72.8
254 0.1 0.0 0.0

Manual Integrations
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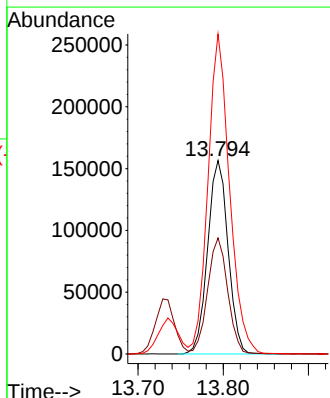
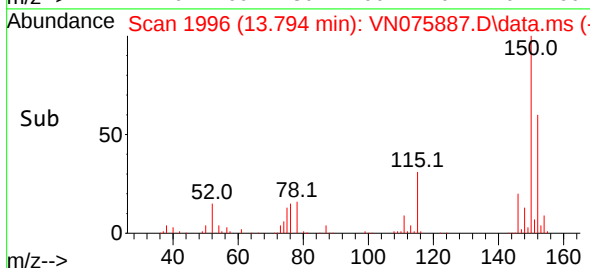
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

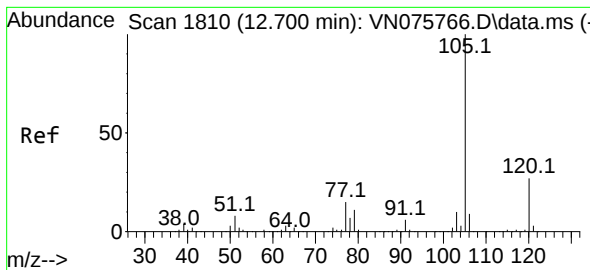


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14



Tgt Ion:152 Resp: 260708
Ion Ratio Lower Upper
152 100
115 58.8 29.1 87.4
150 174.8 0.0 347.0





#73

Isopropylbenzene

Concen: 53.059 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VN075887.D

Acq: 20 Dec 2022 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 999618

Ion Ratio Lower Upper

105 100

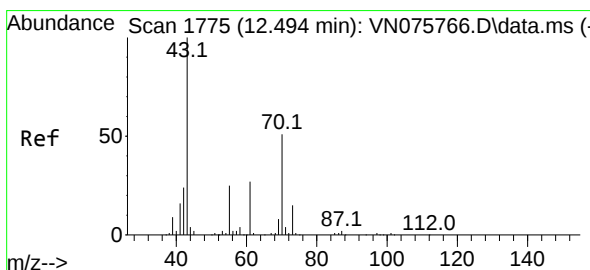
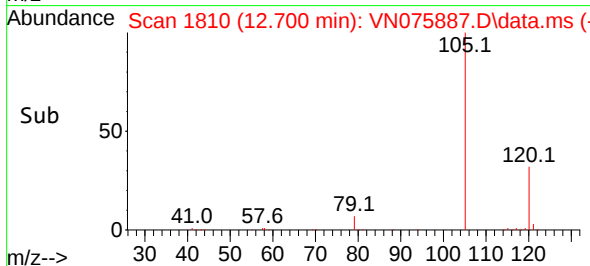
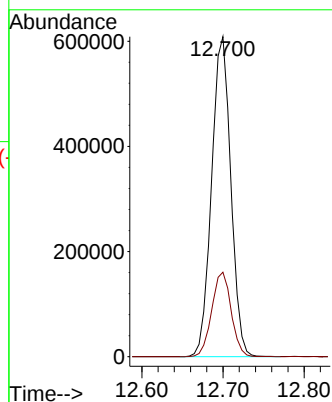
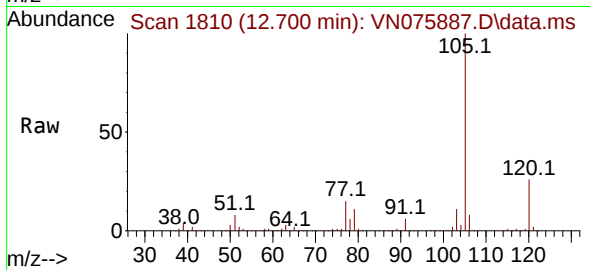
120 26.7 13.4 40.2

Manual Integrations

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Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#74

N-ethyl acetate

Concen: 53.294 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN075887.D

Acq: 20 Dec 2022 10:14

Tgt Ion: 43 Resp: 294557

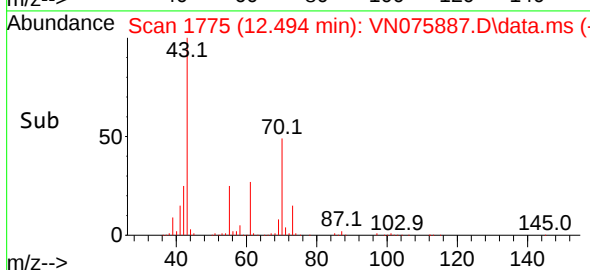
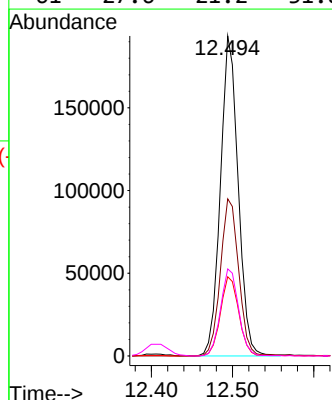
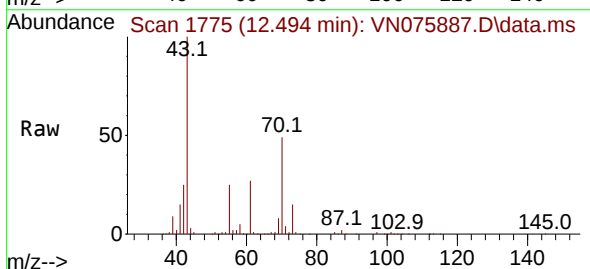
Ion Ratio Lower Upper

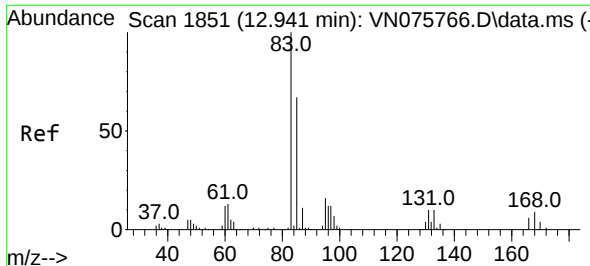
43 100

70 50.8 41.4 62.0

55 25.7 21.3 31.9

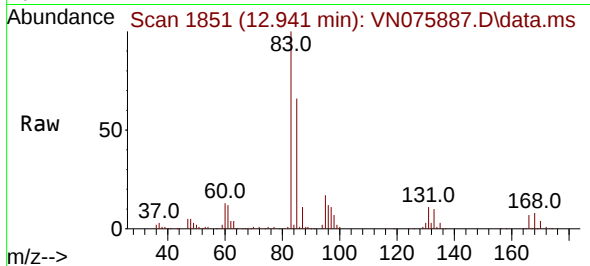
61 27.6 21.2 31.8





#75
1,1,2,2-Tetrachloroethane
Concen: 46.087 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

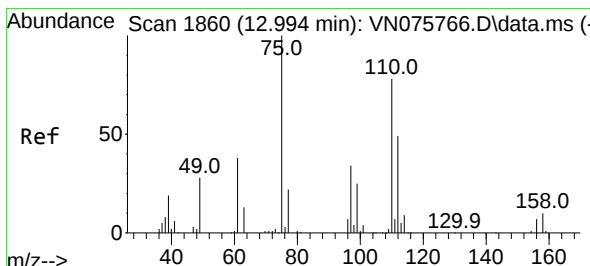
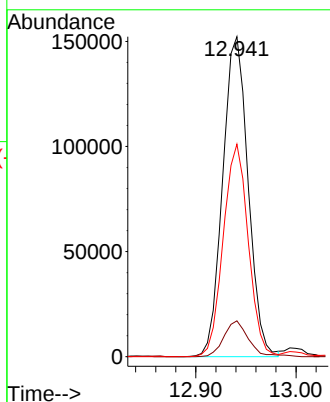
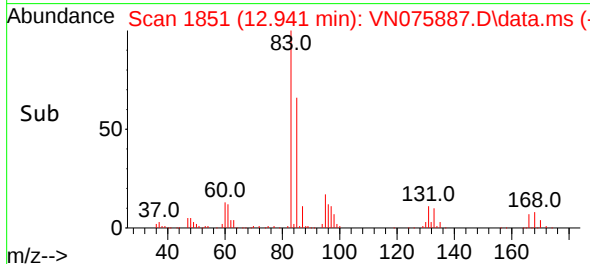
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 26841
Ion Ratio Lower Upper
83 100
131 10.9 5.6 16.8
85 65.2 32.6 98.0

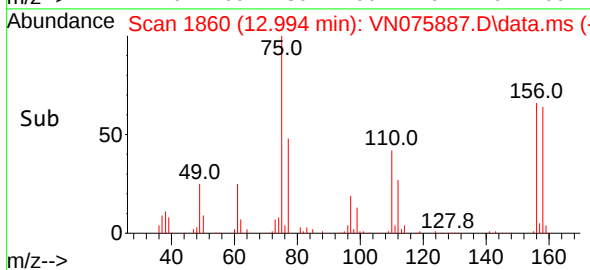
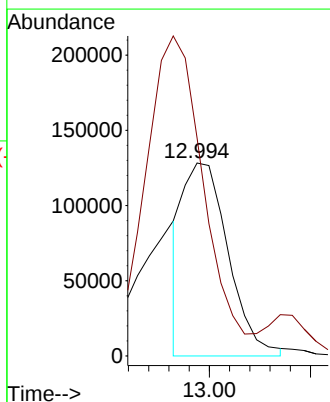
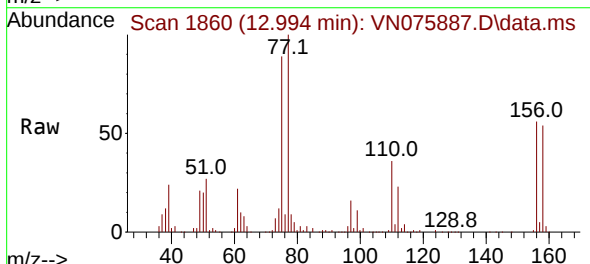
Manual Integrations
APPROVED

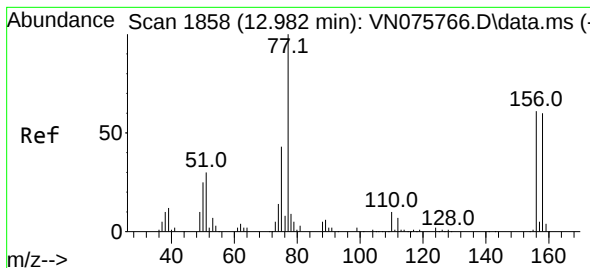
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#76
1,2,3-Trichloropropane
Concen: 37.943 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

Tgt Ion: 75 Resp: 199397
Ion Ratio Lower Upper
75 100
77 216.3 82.6 247.8





#77

Bromobenzene

Concen: 49.151 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VN075887.D

Acq: 20 Dec 2022 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

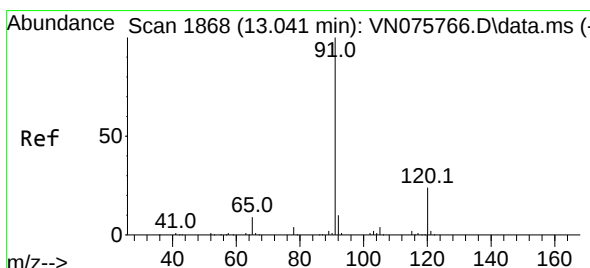
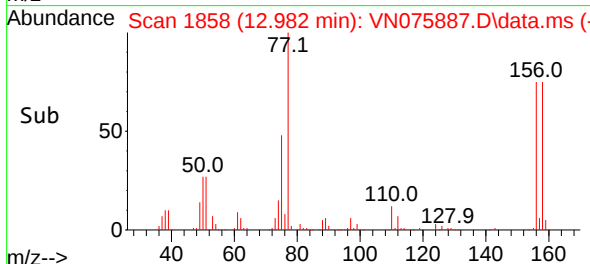
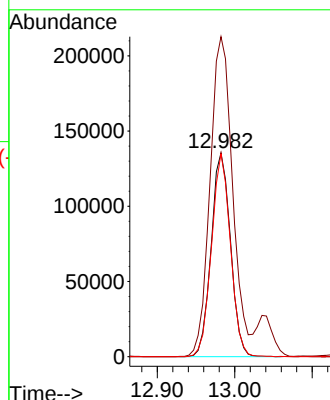
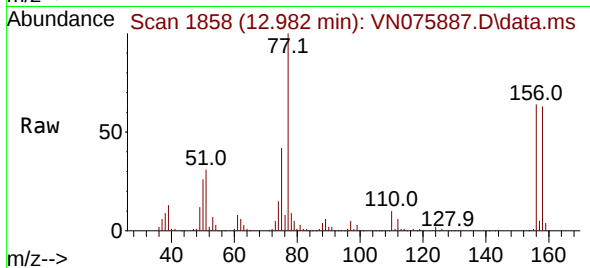
Tgt Ion:156 Resp: 234349
 Ion Ratio Lower Upper
 156 100
 77 184.0 93.8 281.3
 158 97.6 48.9 146.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#78

n-propylbenzene

Concen: 54.598 ug/l

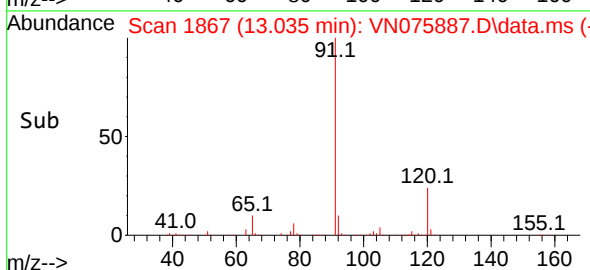
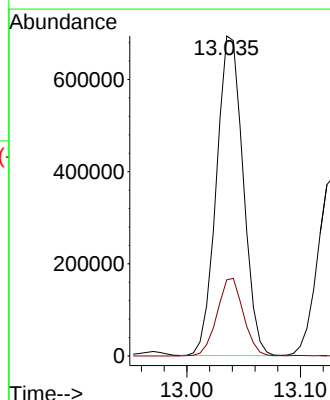
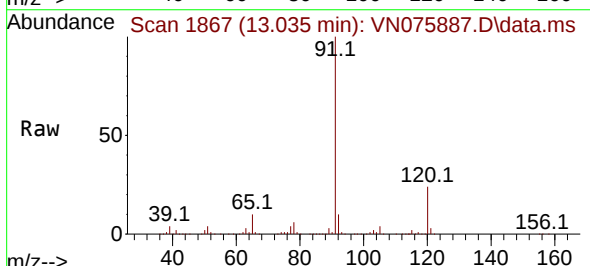
RT: 13.035 min Scan# 1867

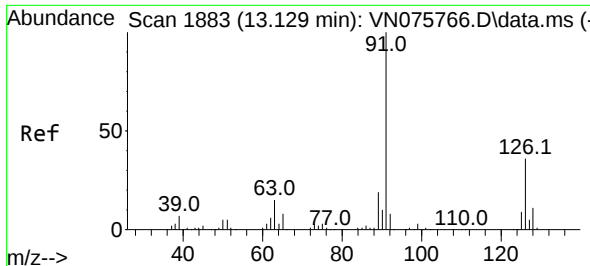
Delta R.T. -0.006 min

Lab File: VN075887.D

Acq: 20 Dec 2022 10:14

Tgt Ion: 91 Resp: 1134506
 Ion Ratio Lower Upper
 91 100
 120 23.9 12.0 36.1





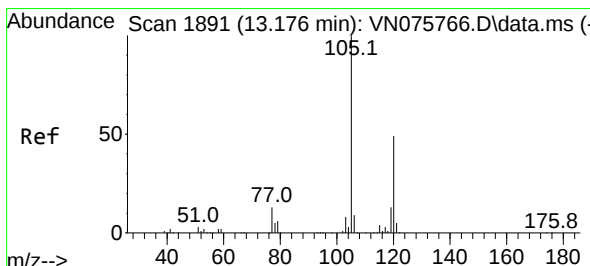
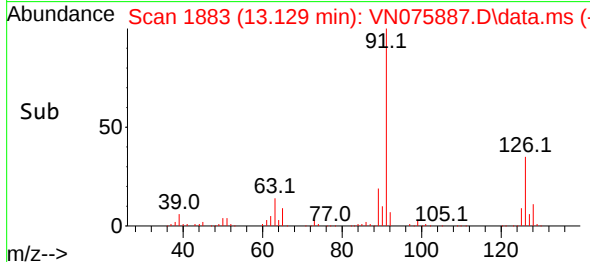
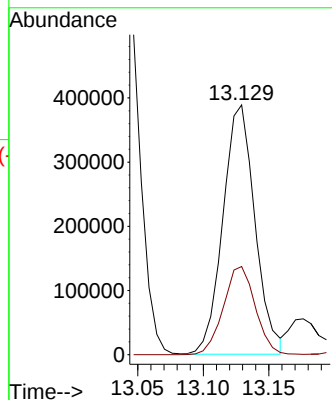
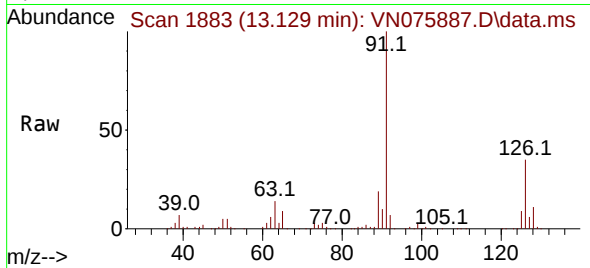
#79
2-Chlorotoluene
Concen: 50.974 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 661190
Ion Ratio Lower Upper
91 100
126 35.2 17.5 52.5

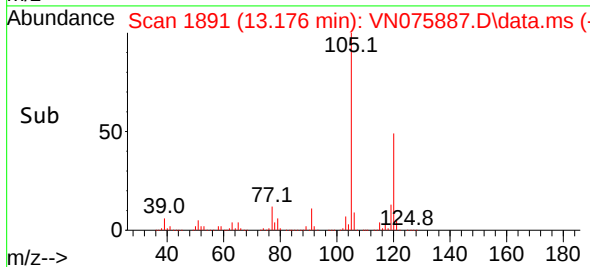
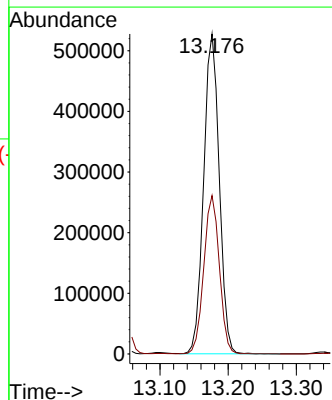
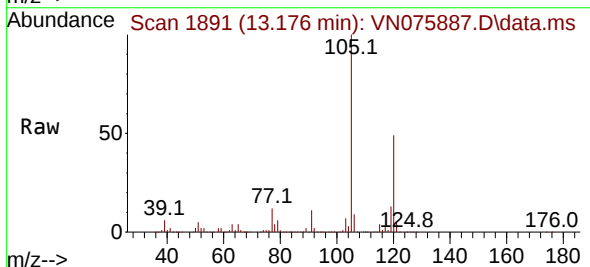
Manual Integrations
APPROVED

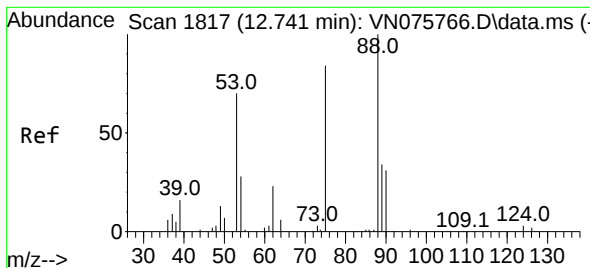
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 53.200 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

Tgt Ion:105 Resp: 838856
Ion Ratio Lower Upper
105 100
120 49.3 24.7 74.1





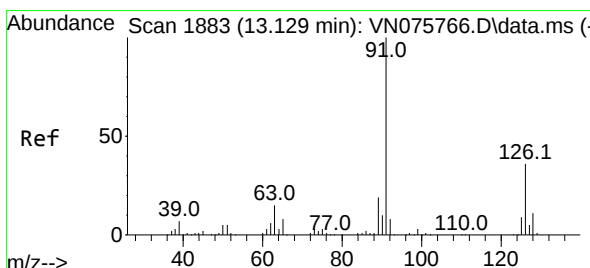
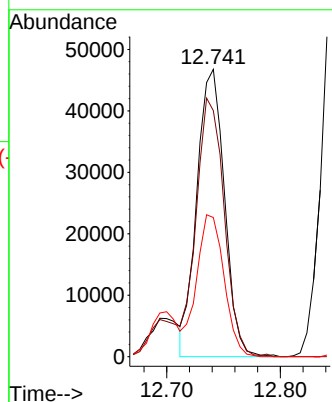
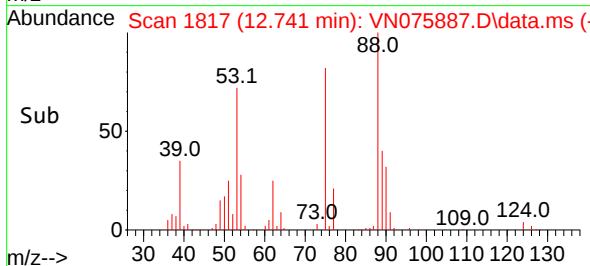
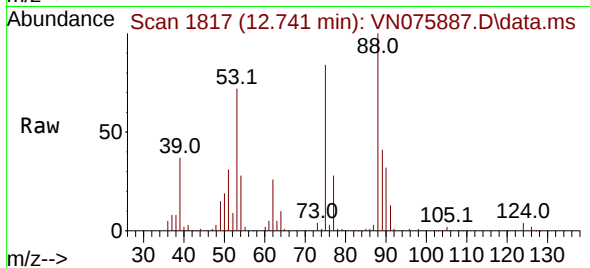
#81
trans-1,4-Dichloro-2-butene
Concen: 54.113 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 79004
Ion Ratio Lower Upper
75 100
53 91.1 73.8 110.6
89 49.5 39.5 59.3

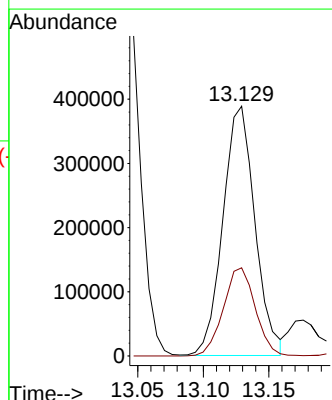
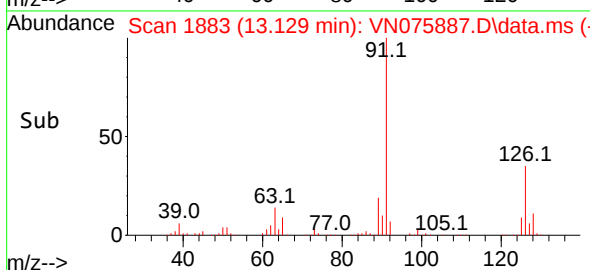
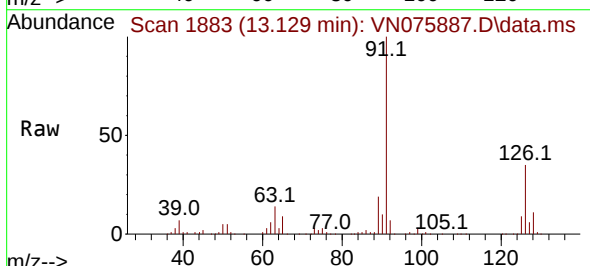
Manual Integrations
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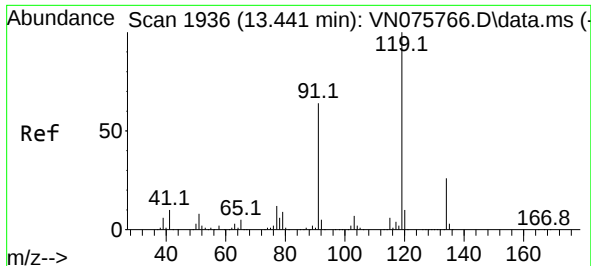
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#82
4-Chlorotoluene
Concen: 50.974 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

Tgt Ion: 91 Resp: 661190
Ion Ratio Lower Upper
91 100
126 35.2 17.5 52.5





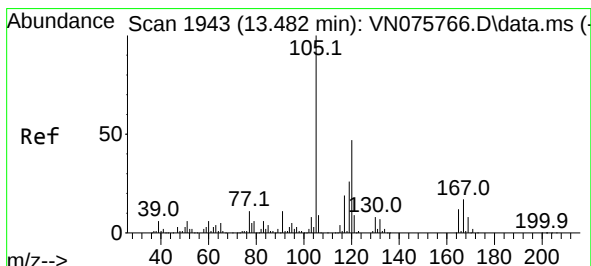
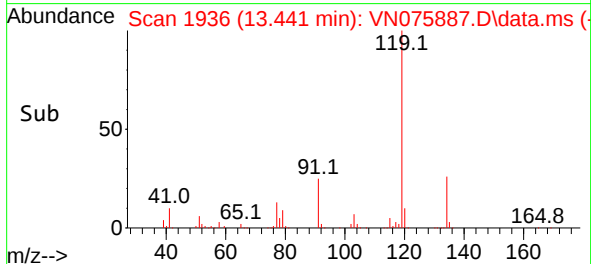
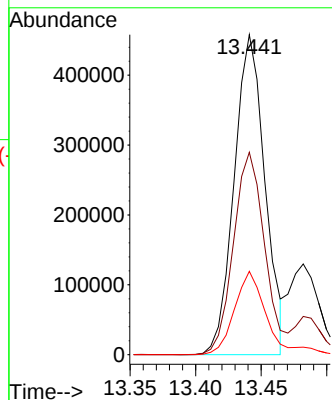
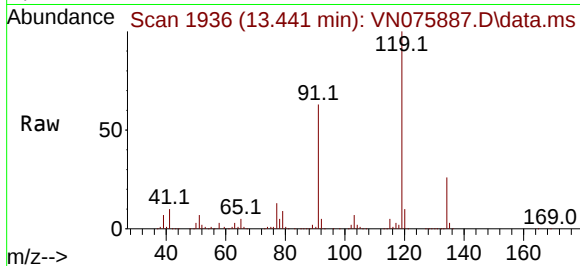
#83
tert-Butylbenzene
Concen: 53.846 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 74858
Ion Ratio Lower Upper
119 100
91 64.5 31.9 95.5
134 27.3 13.8 41.4

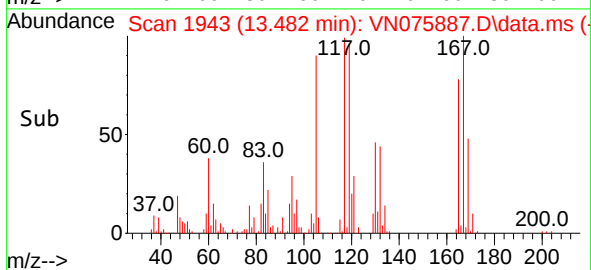
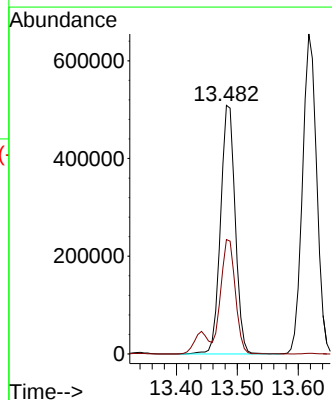
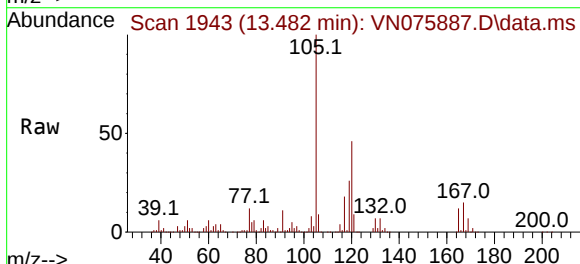
Manual Integrations
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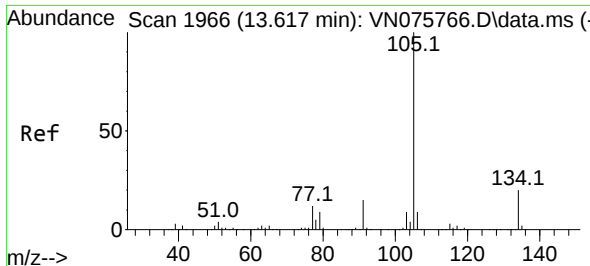
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#84
1,2,4-Trimethylbenzene
Concen: 54.353 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

Tgt Ion:105 Resp: 850224
Ion Ratio Lower Upper
105 100
120 45.2 23.3 69.8





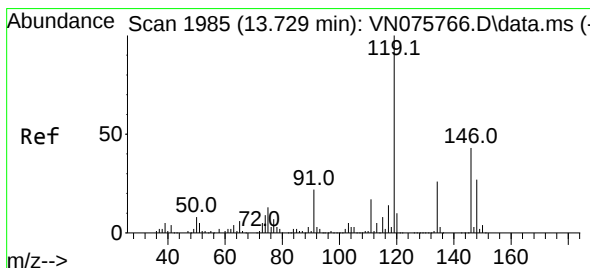
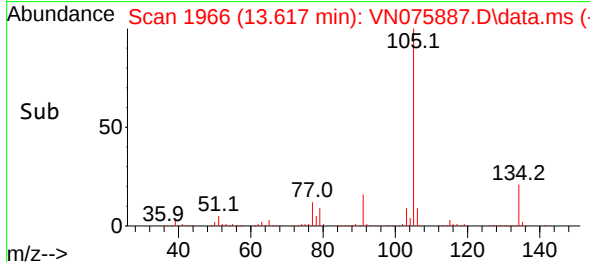
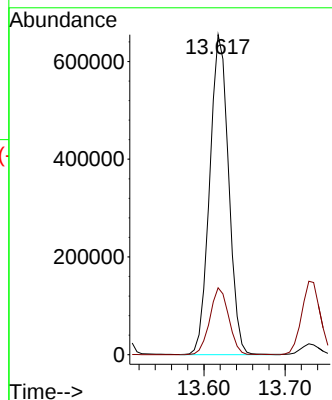
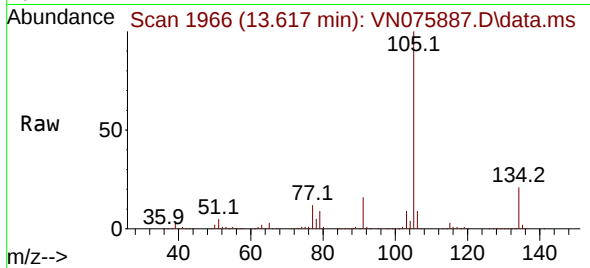
#85
 sec-Butylbenzene
 Concen: 55.192 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075887.D
 Acq: 20 Dec 2022 10:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 105904
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.1 30.1

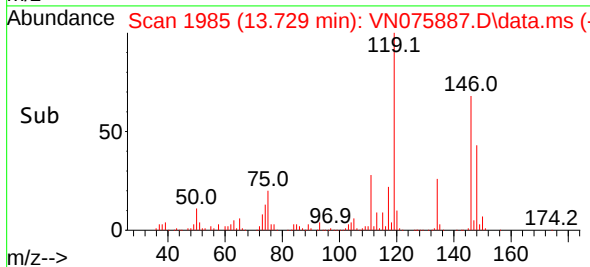
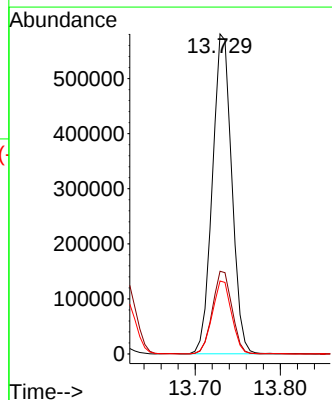
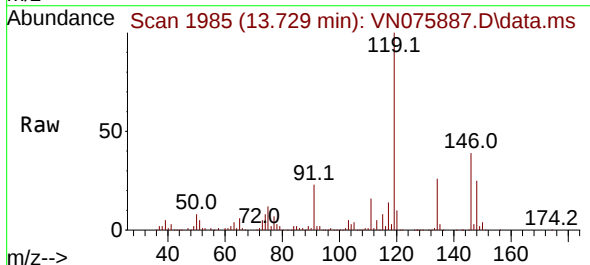
Manual Integrations
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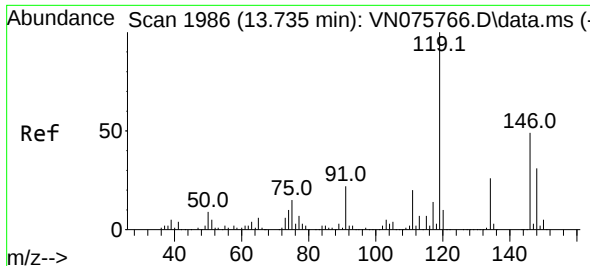
Reviewed By :John Carlone 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022



#86
 p-Isopropyltoluene
 Concen: 57.439 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN075887.D
 Acq: 20 Dec 2022 10:14

Tgt Ion:119 Resp: 917098
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 39.0
 91 22.8 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 50.883 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN075887.D

Acq: 20 Dec 2022 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 44814

Ion Ratio Lower Upper

146 100

111 40.1 19.7 59.0

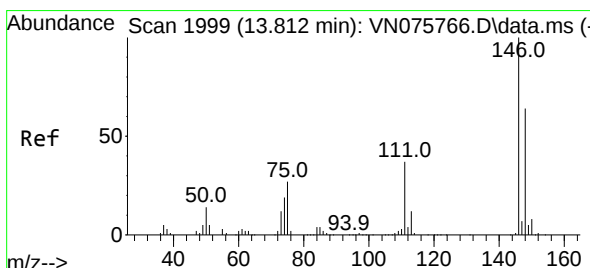
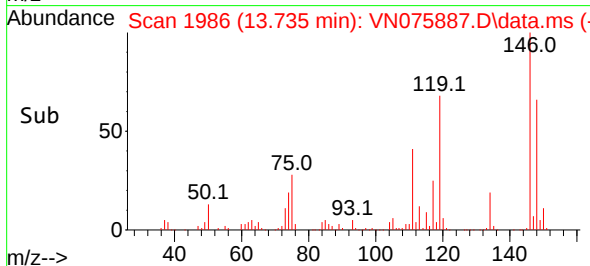
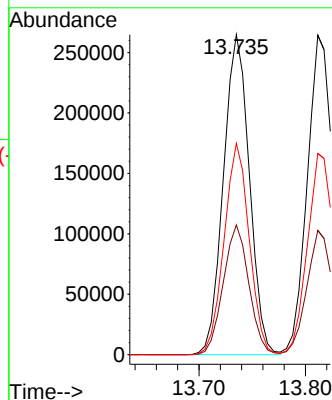
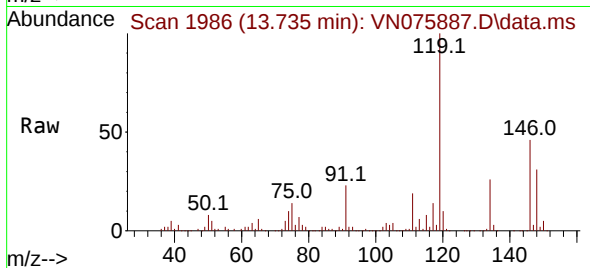
148 64.0 31.4 94.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#88

1,4-Dichlorobenzene

Concen: 49.538 ug/l

RT: 13.811 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN075887.D

Acq: 20 Dec 2022 10:14

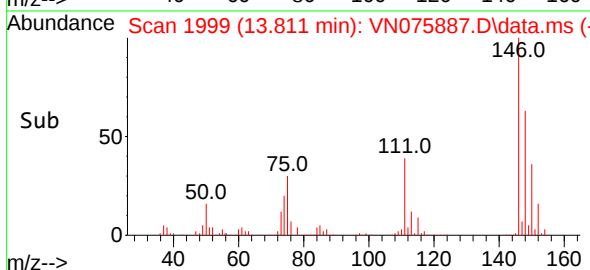
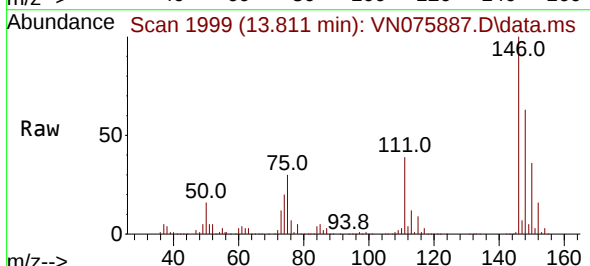
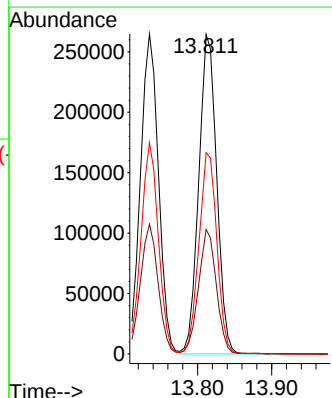
Tgt Ion:146 Resp: 445704

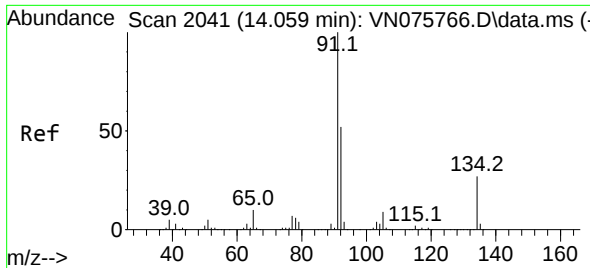
Ion Ratio Lower Upper

146 100

111 38.7 19.1 57.1

148 63.3 32.0 96.2





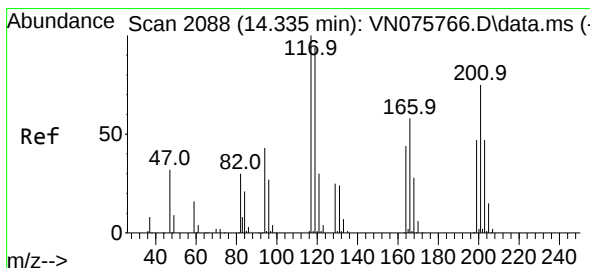
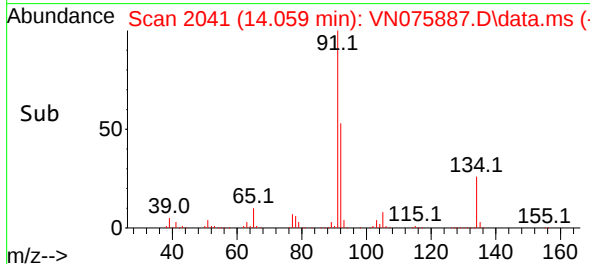
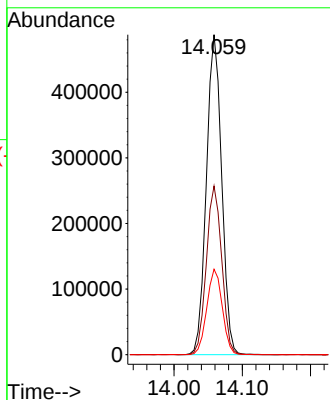
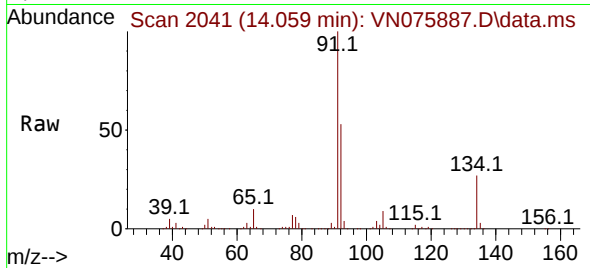
#89
n-Butylbenzene
Concen: 58.856 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 761290
Ion Ratio Lower Upper
91 100
92 53.0 26.4 79.2
134 27.0 13.4 40.2

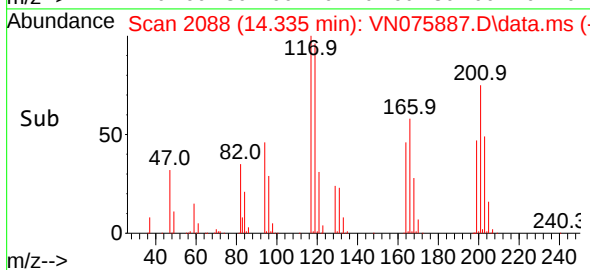
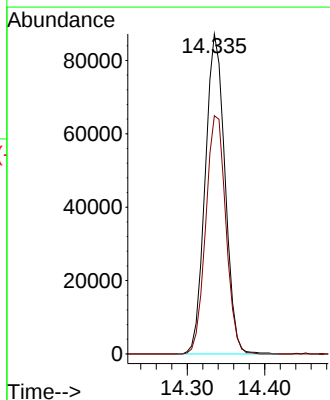
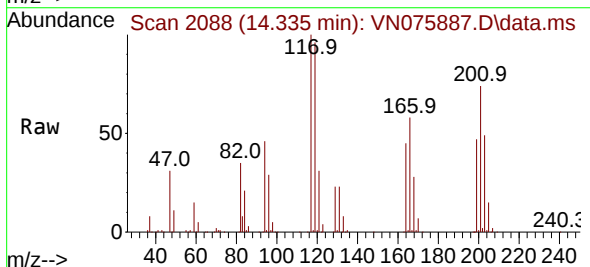
Manual Integrations
APPROVED

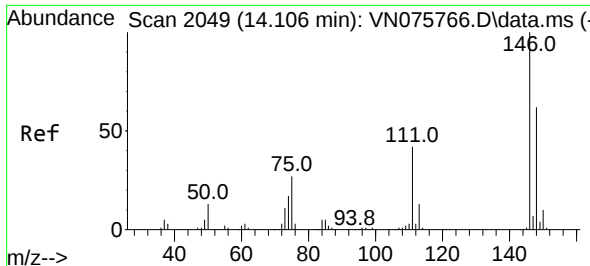
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#90
Hexachloroethane
Concen: 53.994 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

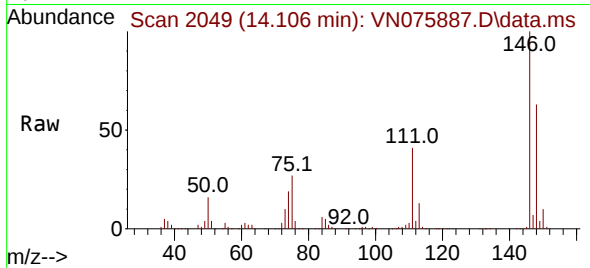
Tgt Ion:117 Resp: 154212
Ion Ratio Lower Upper
117 100
201 75.9 38.0 114.1





#91
1,2-Dichlorobenzene
Concen: 51.046 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

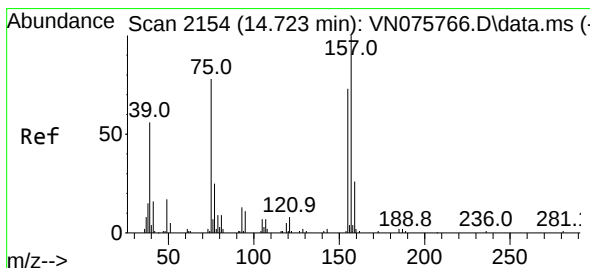
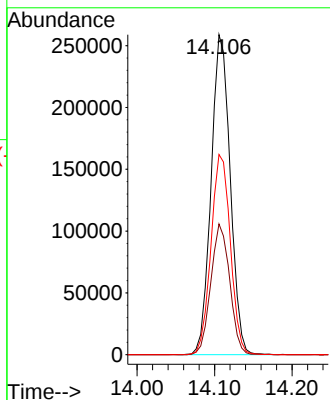
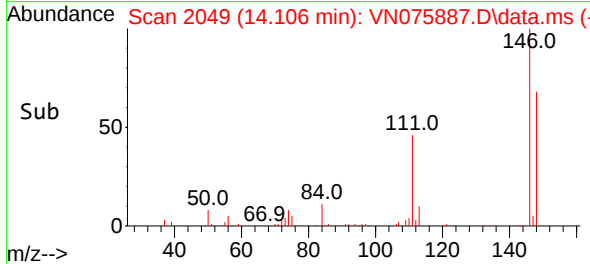
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



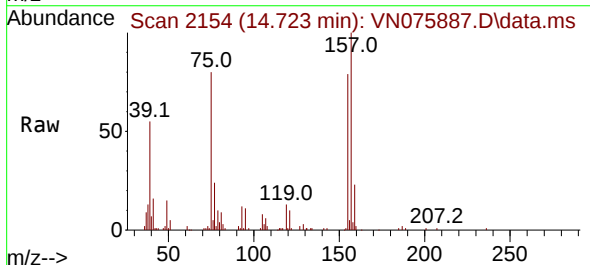
Tgt Ion:146 Resp: 442835
Ion Ratio Lower Upper
146 100
111 40.4 20.3 61.0
148 63.5 31.7 95.1

Manual Integrations
APPROVED

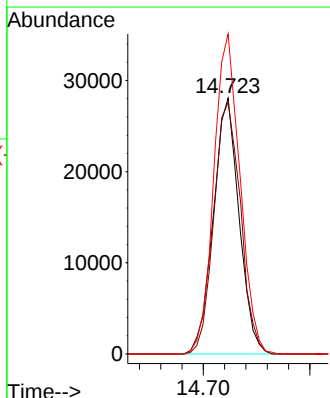
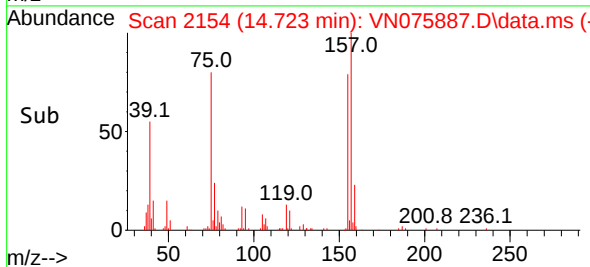
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

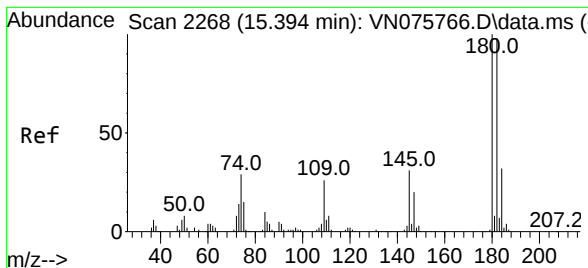


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.561 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14



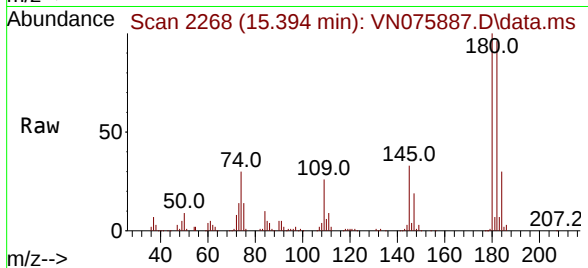
Tgt Ion: 75 Resp: 47085
Ion Ratio Lower Upper
75 100
155 101.4 49.3 147.8
157 127.1 63.7 191.3





#93
1,2,4-Trichlorobenzene
Concen: 55.018 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

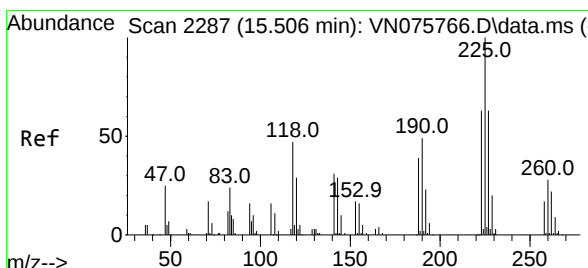
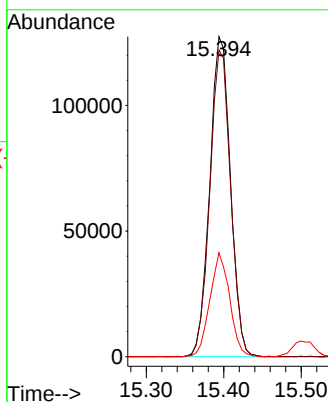
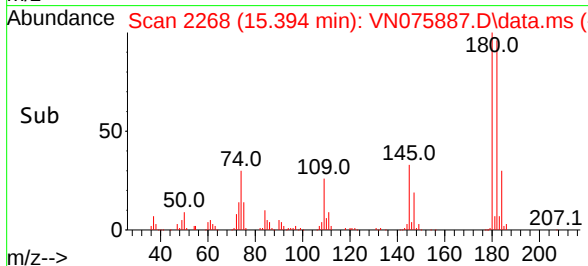
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



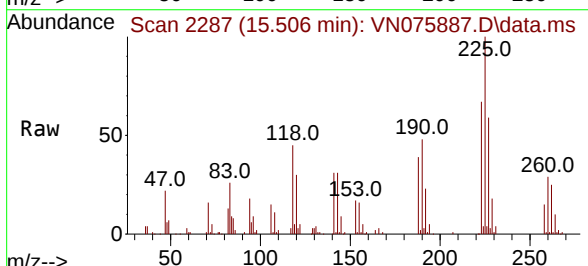
Tgt Ion:180 Resp: 236290
Ion Ratio Lower Upper
180 100
182 96.0 47.5 142.5
145 31.1 15.3 45.8

Manual Integrations
APPROVED

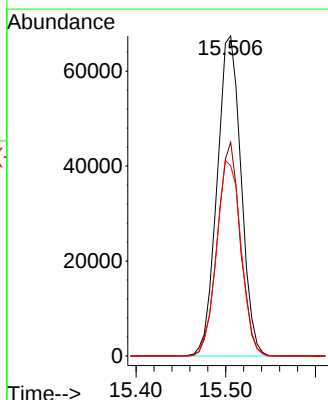
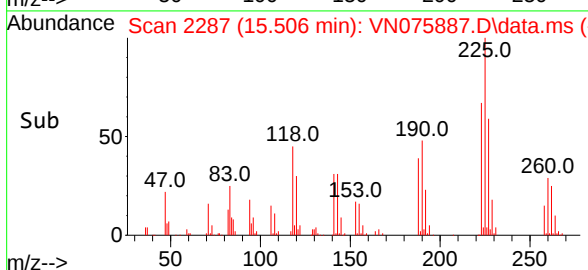
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#94
Hexachlorobutadiene
Concen: 53.399 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14



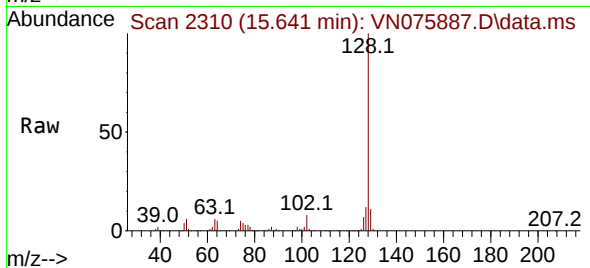
Tgt Ion:225 Resp: 125126
Ion Ratio Lower Upper
225 100
223 64.0 31.5 94.5
227 62.5 31.6 95.0





#95
Naphthalene
Concen: 47.872 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14

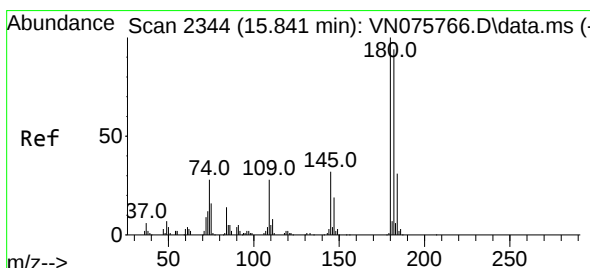
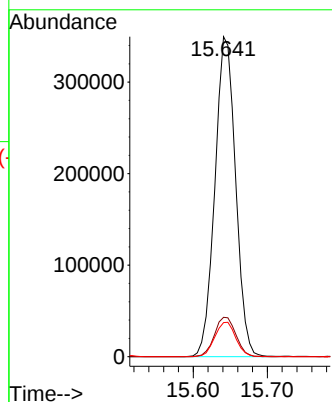
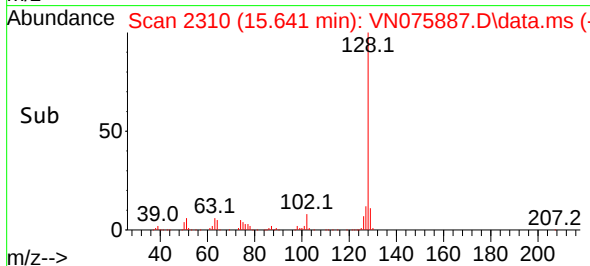
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



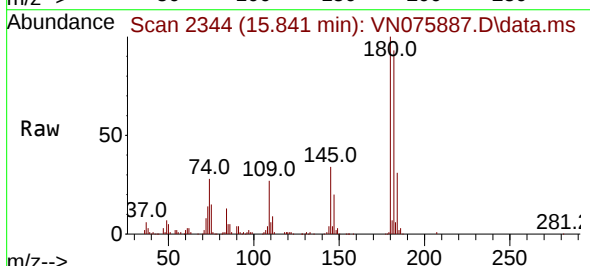
Tgt Ion:128 Resp: 677870
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#96
1,2,3-Trichlorobenzene
Concen: 55.798 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075887.D
Acq: 20 Dec 2022 10:14



Tgt Ion:180 Resp: 223984
Ion Ratio Lower Upper
180 100
182 94.8 47.0 141.0
145 32.8 16.0 47.9

