

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
 Data File : VN076332.D
 Acq On : 19 Jan 2023 18:55
 Operator : JC\MD
 Sample : VN0119MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0119MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/20/2023
 Supervised By : Mahesh Dadoda 01/20/2023

Quant Time: Jan 20 01:01:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	358096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	583009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	505479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	231521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	192737	48.070	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.140%		
35) Dibromofluoromethane	8.177	113	175898	48.231	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.460%		
50) Toluene-d8	10.571	98	654595	48.601	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.200%		
62) 4-Bromofluorobenzene	12.853	95	218768	49.755	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.520%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	68734	18.731	ug/l	92
3) Chloromethane	2.377	50	70250	18.490	ug/l	98
4) Vinyl Chloride	2.530	62	88621	19.022	ug/l	99
5) Bromomethane	2.965	94	77087	20.205	ug/l	99
6) Chloroethane	3.136	64	68432	19.589	ug/l	96
7) Trichlorofluoromethane	3.512	101	117778	18.376	ug/l	100
8) Diethyl Ether	3.971	74	41600	19.351	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.389	101	67105	18.495	ug/l	100
10) Methyl Iodide	4.606	142	103804	18.730	ug/l	99
11) Tert butyl alcohol	5.541	59	51098	95.278	ug/l	100
12) 1,1-Dichloroethene	4.353	96	63432	18.494	ug/l	92
13) Acrolein	4.194	56	56673	88.363	ug/l	100
14) Allyl chloride	5.036	41	78812	19.718	ug/l	92
15) Acrylonitrile	5.736	53	146532	96.014	ug/l	99
16) Acetone	4.442	43	115416	89.747	ug/l	95
17) Carbon Disulfide	4.730	76	141068	16.518	ug/l	97
18) Methyl Acetate	5.036	43	78859	18.104	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	221384	19.826	ug/l	99
20) Methylene Chloride	5.289	84	80149	20.720	ug/l	99
21) trans-1,2-Dichloroethene	5.800	96	67124	18.065	ug/l	97
22) Diisopropyl ether	6.688	45	180820	19.183	ug/l	97
23) Vinyl Acetate	6.618	43	577418	94.784	ug/l	100
24) 1,1-Dichloroethane	6.583	63	118640	18.882	ug/l	96
25) 2-Butanone	7.494	43	178752	91.056	ug/l	95
26) 2,2-Dichloropropane	7.500	77	93390	17.635	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	81397	18.782	ug/l	98
28) Bromochloromethane	7.824	49	49077	19.271	ug/l	97
29) Tetrahydrofuran	7.847	42	117190	96.724	ug/l	99
30) Chloroform	7.971	83	133359	19.182	ug/l	98
31) Cyclohexane	8.265	56	107480	17.450	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	120846	19.039	ug/l	91
36) 1,1-Dichloropropene	8.382	75	92745	17.897	ug/l	99
37) Ethyl Acetate	7.571	43	75830	18.266	ug/l	97
38) Carbon Tetrachloride	8.371	117	103616	17.930	ug/l	94
39) Methylcyclohexane	9.606	83	117517	18.570	ug/l	100
40) Benzene	8.612	78	290593	18.753	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	38969	17.905	ug/l	94
42) 1,2-Dichloroethane	8.677	62	95963	18.100	ug/l	97
43) Isopropyl Acetate	8.694	43	124381	18.394	ug/l	98
44) Trichloroethene	9.359	130	80646	18.401	ug/l	86
45) 1,2-Dichloropropane	9.624	63	67376	18.161	ug/l	97
46) Dibromomethane	9.712	93	51579	18.414	ug/l	98
47) Bromodichloromethane	9.894	83	102637	18.892	ug/l	95
48) Methyl methacrylate	9.682	41	58509	18.277	ug/l	100
49) 1,4-Dioxane	9.700	88	26316	389.588	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	387786	97.690	ug/l	99
52) Toluene	10.635	92	188785	18.218	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	94498	18.246	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	109534	18.384	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	75029	18.942	ug/l	95
56) Ethyl methacrylate	10.876	69	101978	19.942	ug/l	99
57) 1,3-Dichloropropane	11.165	76	119568	18.576	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	144517	83.713	ug/l	100
59) 2-Hexanone	11.200	43	270969	94.199	ug/l	100
60) Dibromochloromethane	11.365	129	81174	19.468	ug/l	98
61) 1,2-Dibromoethane	11.470	107	75278	19.040	ug/l	100
64) Tetrachloroethene	11.106	164	87494	19.194	ug/l	93
65) Chlorobenzene	11.894	112	201308	18.840	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	75335	18.949	ug/l	99
67) Ethyl Benzene	11.965	91	358631	19.611	ug/l	100
68) m/p-Xylenes	12.070	106	285202	38.893	ug/l	99
69) o-Xylene	12.400	106	140939	19.571	ug/l	99
70) Styrene	12.412	104	219795	19.115	ug/l	98
71) Bromoform	12.582	173	55117	19.198	ug/l #	100
73) Isopropylbenzene	12.700	105	368333	20.565	ug/l	100
74) N-amyl acetate	12.500	43	100050	19.420	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	99618	19.348	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	79390m	18.221	ug/l	
77) Bromobenzene	12.982	156	86487	20.321	ug/l	99
78) n-propylbenzene	13.041	91	402143	19.899	ug/l	99
79) 2-Chlorotoluene	13.129	91	243052	19.599	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	306451	20.424	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	24400	17.535	ug/l	93
82) 4-Chlorotoluene	13.129	91	243052	19.599	ug/l	99
83) tert-Butylbenzene	13.441	119	279819	20.968	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	302678	20.117	ug/l	98
85) sec-Butylbenzene	13.617	105	370309	19.997	ug/l	100
86) p-Isopropyltoluene	13.735	119	307388	20.186	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	155586	18.430	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	153857	19.222	ug/l	98
89) n-Butylbenzene	14.059	91	233556	19.321	ug/l	99
90) Hexachloroethane	14.335	117	51354	19.540	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	157817	18.770	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16756	18.722	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	72911	18.783	ug/l	100
94) Hexachlorobutadiene	15.506	225	39809	17.842	ug/l	96
95) Naphthalene	15.641	128	209834	18.641	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	68678	18.479	ug/l	99

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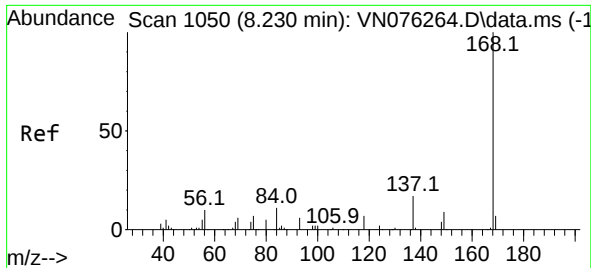
Manual Integrations
APPROVED

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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



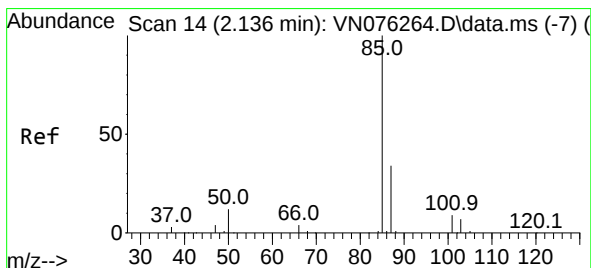
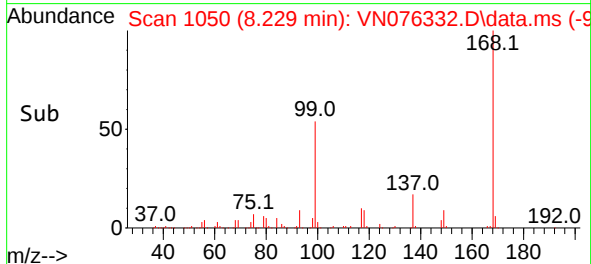
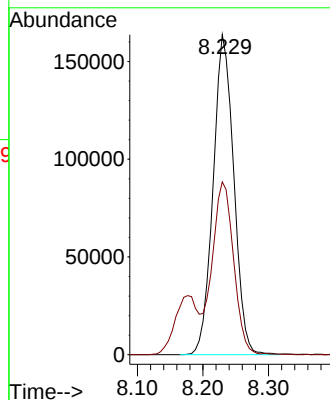
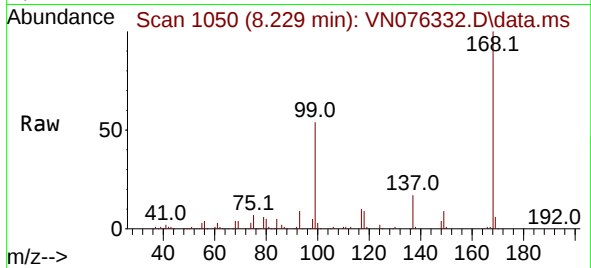
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN076332.D
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Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01

Tgt Ion:168 Resp: 358090
Ion Ratio Lower Upper
168 100
99 53.8 41.6 62.4

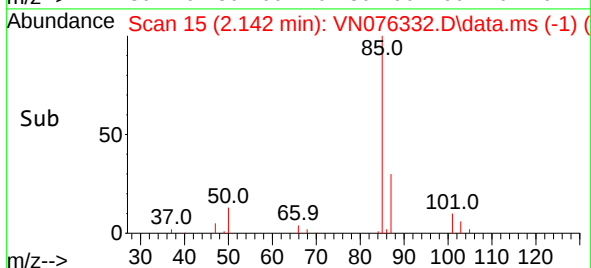
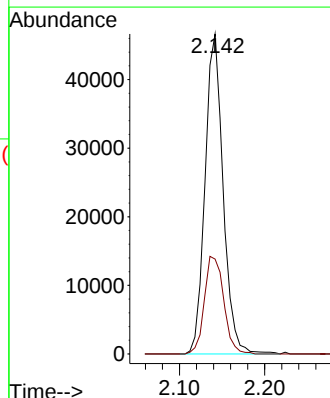
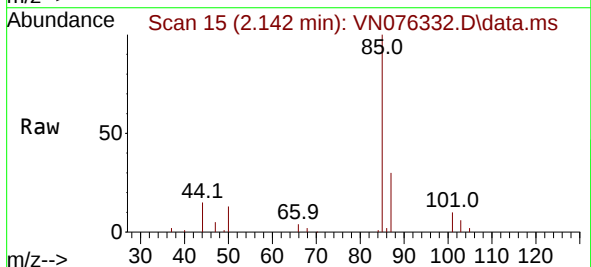
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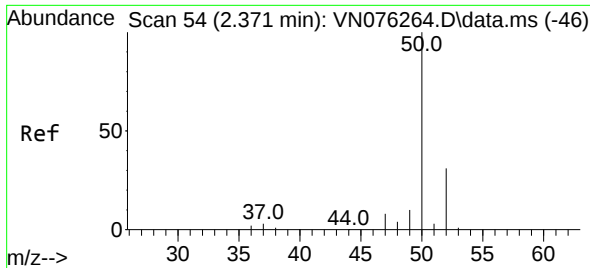
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#2
Dichlorodifluoromethane
Concen: 18.731 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

Tgt Ion: 85 Resp: 68734
Ion Ratio Lower Upper
85 100
87 29.7 17.1 51.2





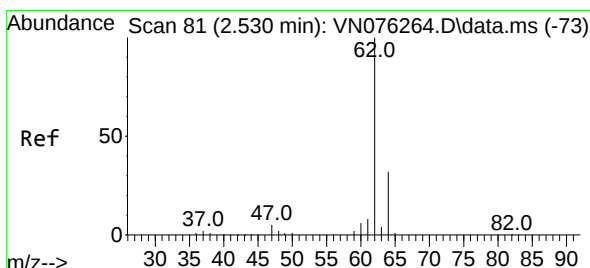
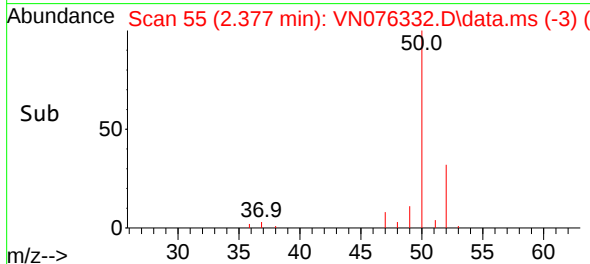
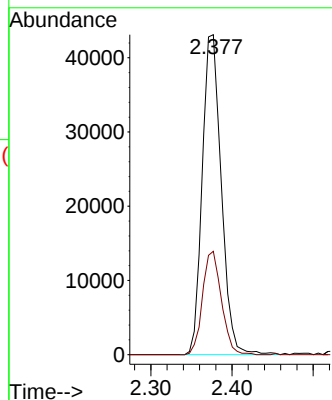
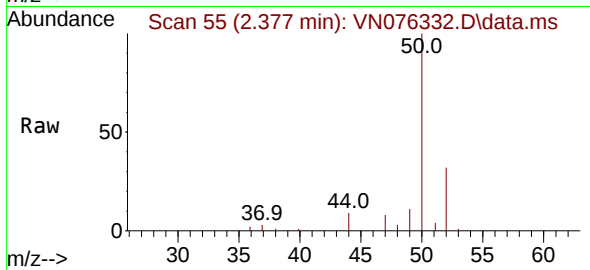
#3
Chloromethane
Concen: 18.490 ug/l
RT: 2.377 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01

Tgt Ion: 50 Resp: 70250
Ion Ratio Lower Upper
50 100
52 32.3 24.8 37.2

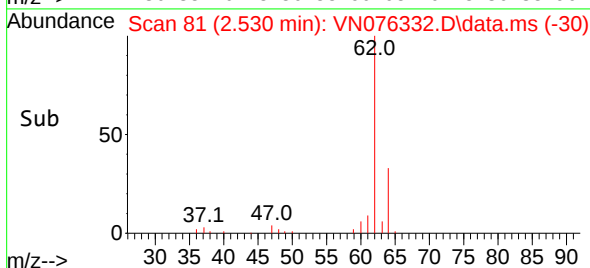
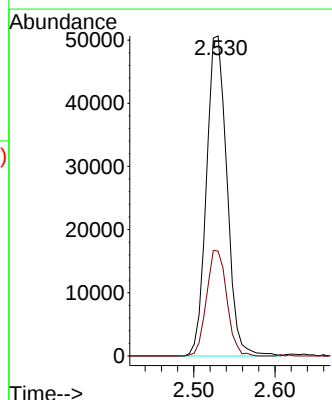
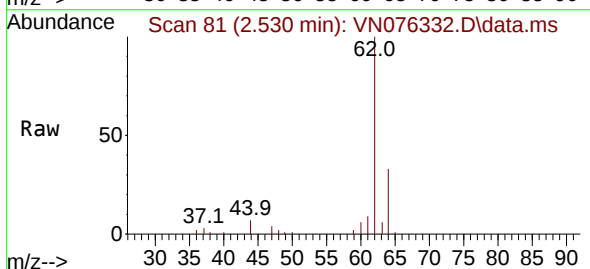
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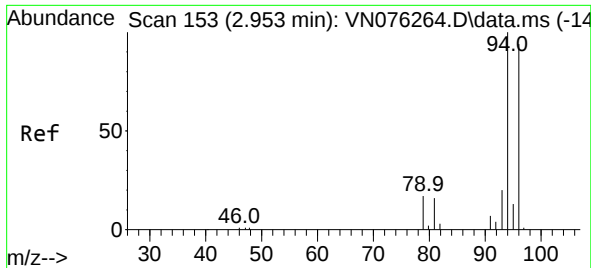
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#4
Vinyl Chloride
Concen: 19.022 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

Tgt Ion: 62 Resp: 88621
Ion Ratio Lower Upper
62 100
64 32.8 25.8 38.6





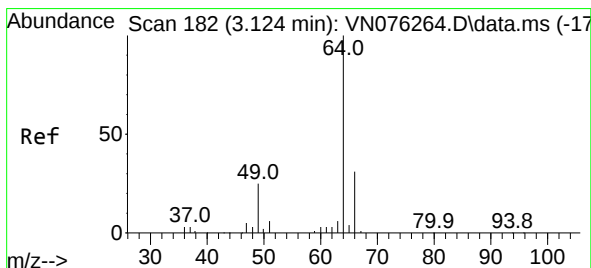
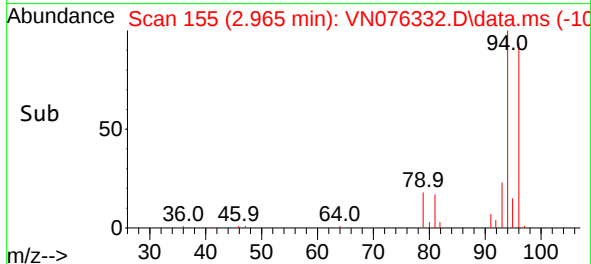
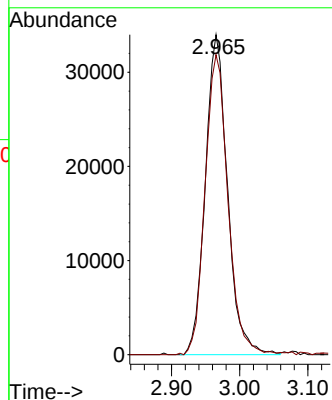
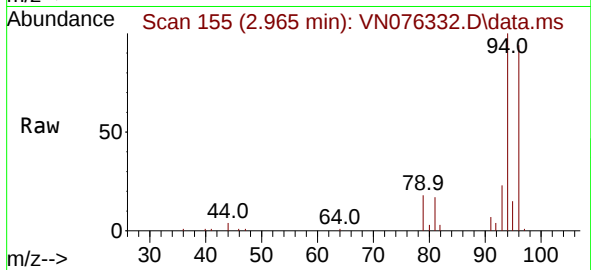
#5
Bromomethane
Concen: 20.205 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

Instrument :
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Tgt Ion: 94 Resp: 7708
Ion Ratio Lower Upper
94 100
96 93.2 75.1 112.7

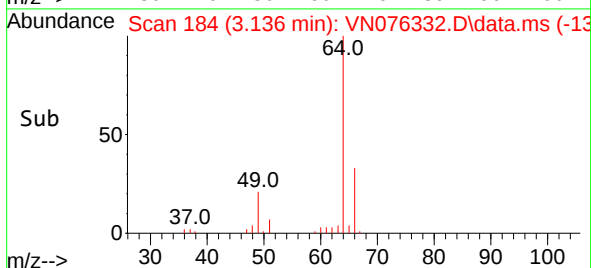
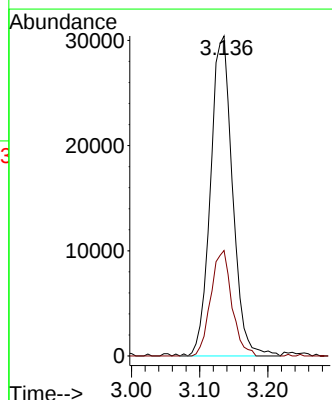
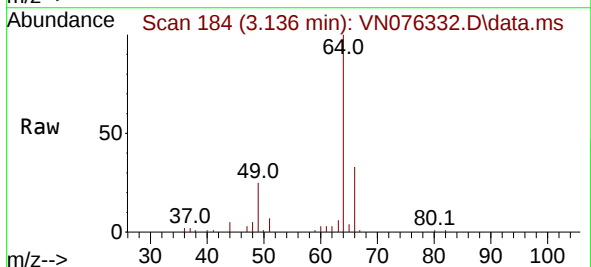
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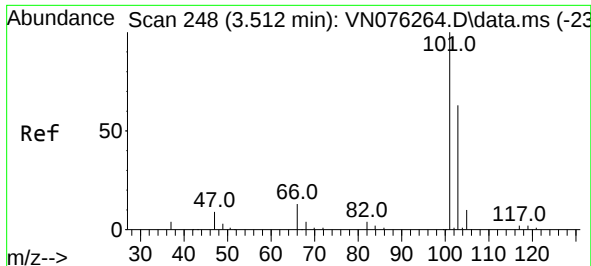
Reviewed By :John Carlone 01/20/2023
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#6
Chloroethane
Concen: 19.589 ug/l
RT: 3.136 min Scan# 184
Delta R.T. 0.012 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

Tgt Ion: 64 Resp: 68432
Ion Ratio Lower Upper
64 100
66 32.9 24.8 37.2





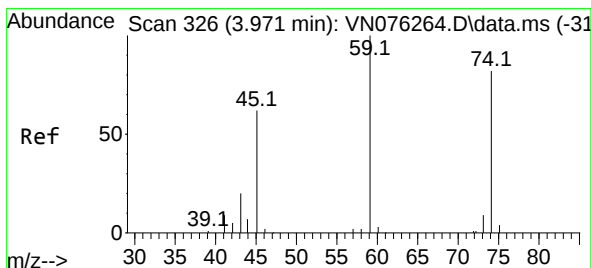
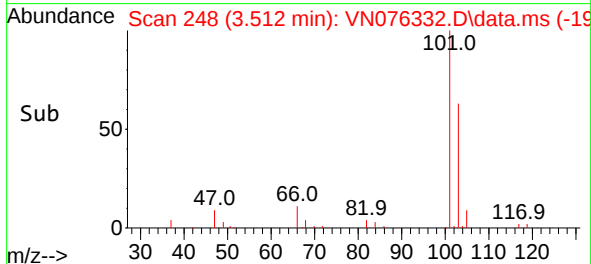
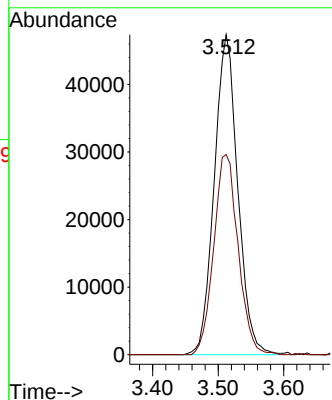
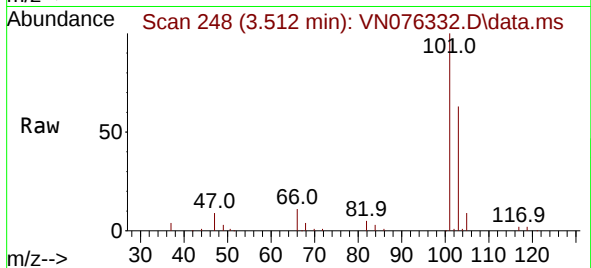
#7
Trichlorofluoromethane
Concen: 18.376 ug/l
RT: 3.512 min Scan# 248
Delta R.T. 0.000 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01

Tgt Ion:101 Resp: 117778
Ion Ratio Lower Upper
101 100
103 62.6 50.2 75.4

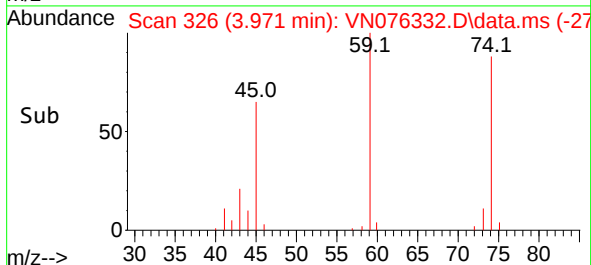
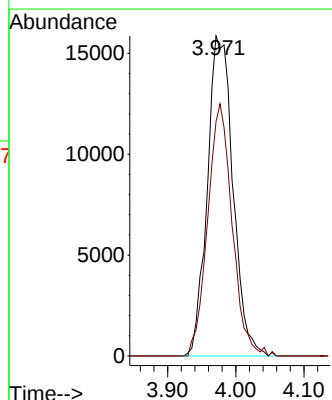
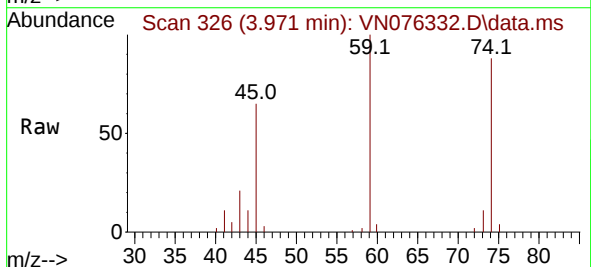
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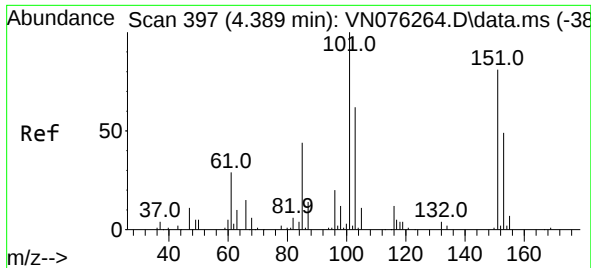
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#8
Diethyl Ether
Concen: 19.351 ug/l
RT: 3.971 min Scan# 326
Delta R.T. -0.000 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

Tgt Ion: 74 Resp: 41600
Ion Ratio Lower Upper
74 100
45 75.0 37.8 113.3





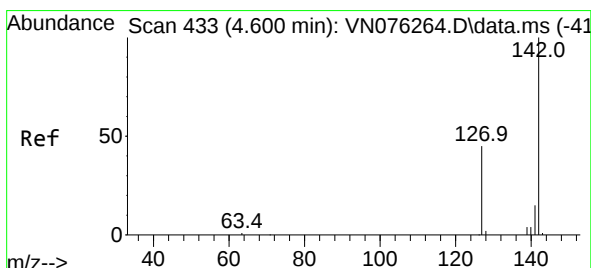
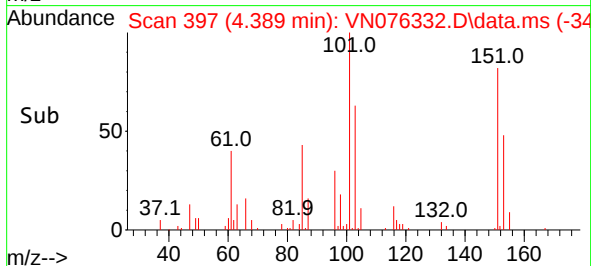
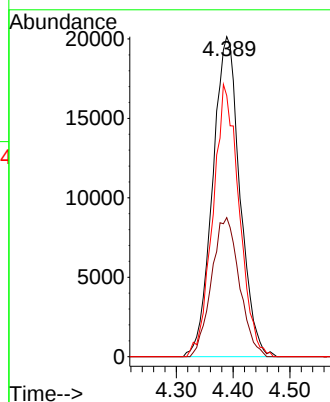
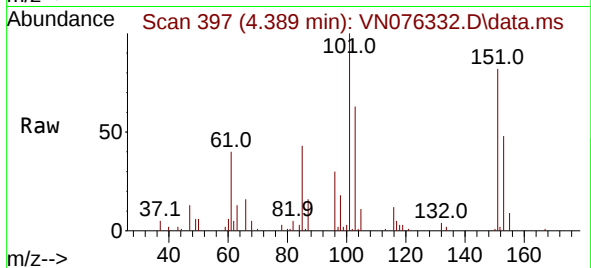
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.495 ug/l
RT: 4.389 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01

Tgt Ion:101 Resp: 6710
Ion Ratio Lower Upper
101 100
85 44.4 35.5 53.3
151 81.8 65.5 98.3

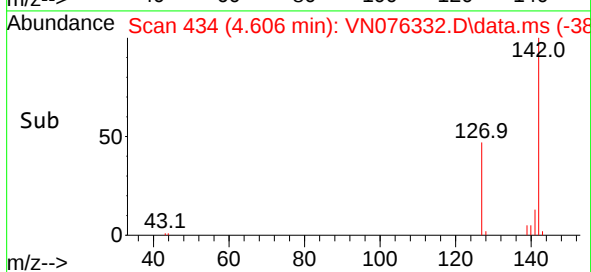
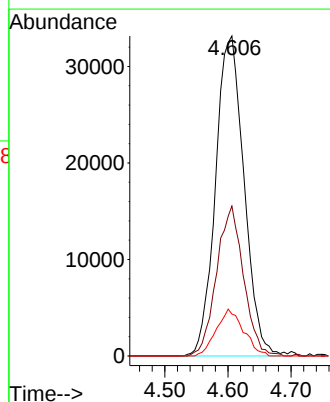
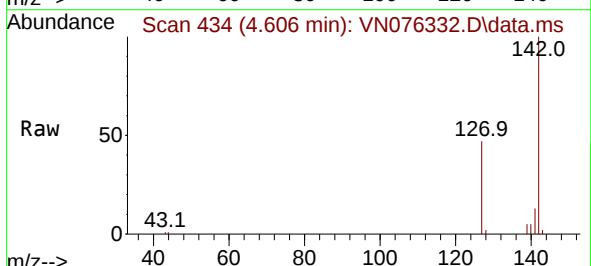
Manual Integrations
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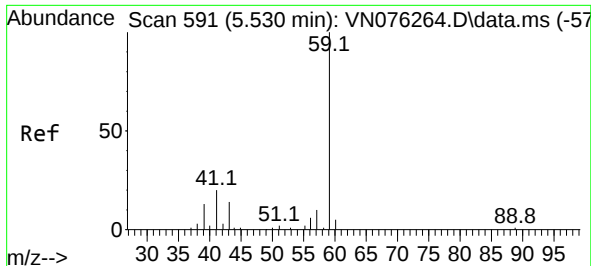
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#10
Methyl Iodide
Concen: 18.730 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

Tgt Ion:142 Resp: 103804
Ion Ratio Lower Upper
142 100
127 44.4 35.0 52.4
141 14.0 11.5 17.3





#11

Tert butyl alcohol

Concen: 95.278 ug/l

RT: 5.541 min Scan# 591

Delta R.T. 0.011 min

Lab File: VN076332.D

Acq: 19 Jan 2023 18:55

Instrument :

MSVOA_N

ClientSampleId :

VN0119MBS01

Tgt Ion: 59 Resp: 51098

Ion Ratio Lower Upper

59 100

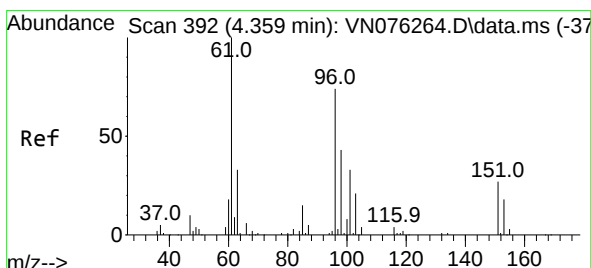
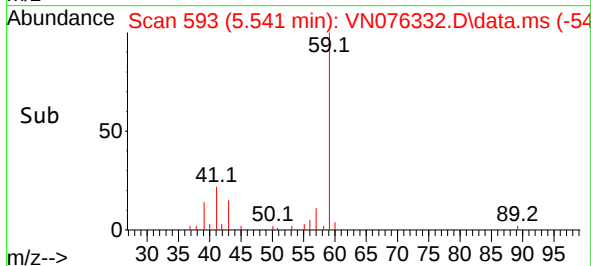
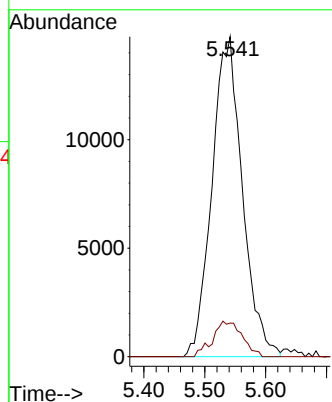
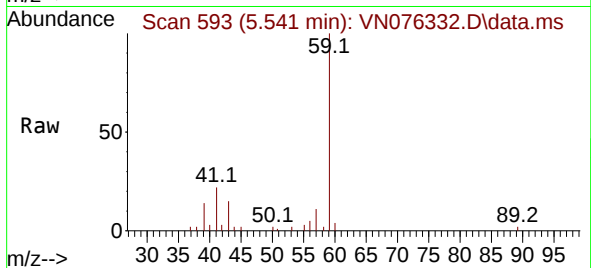
57 10.7 8.5 12.7

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Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#12

1,1-Dichloroethene

Concen: 18.494 ug/l

RT: 4.353 min Scan# 391

Delta R.T. -0.006 min

Lab File: VN076332.D

Acq: 19 Jan 2023 18:55

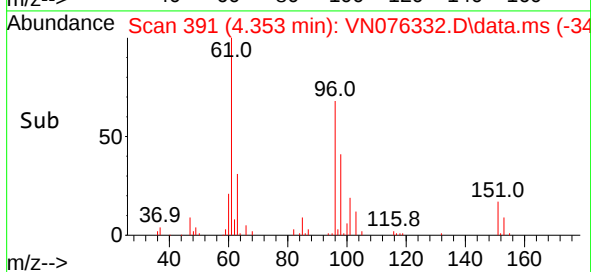
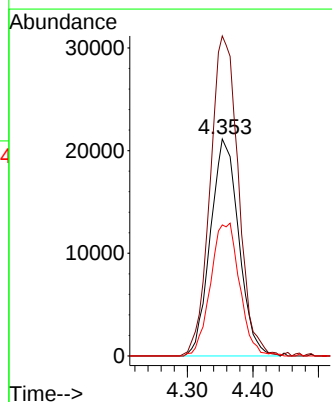
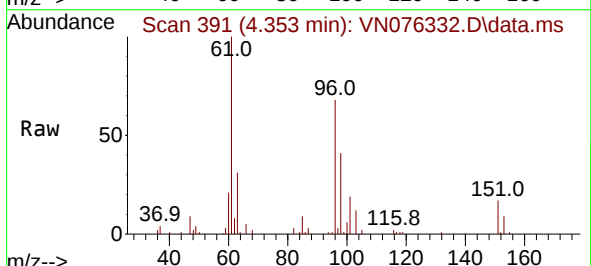
Tgt Ion: 96 Resp: 63432

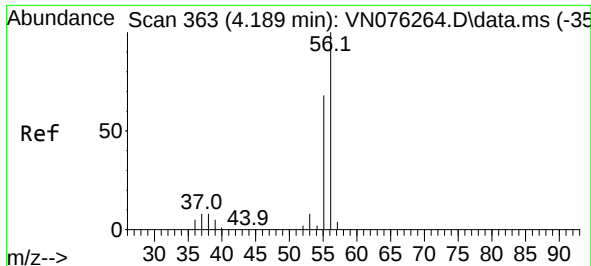
Ion Ratio Lower Upper

96 100

61 147.5 108.2 162.4

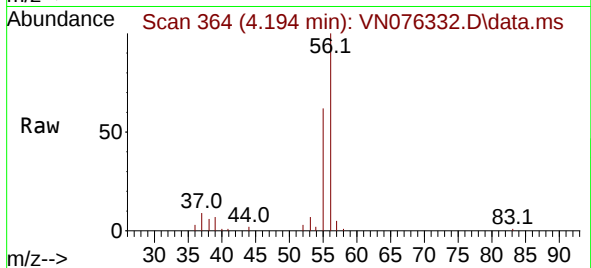
98 60.4 47.0 70.6





#13
Acrolein
Concen: 88.363 ug/l
RT: 4.194 min Scan# 30
Delta R.T. 0.005 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

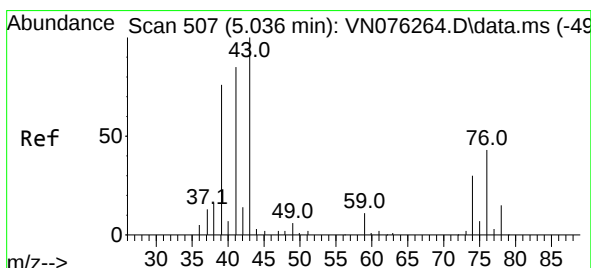
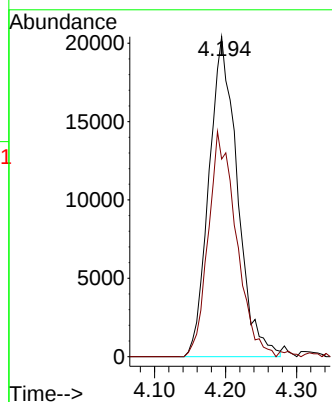
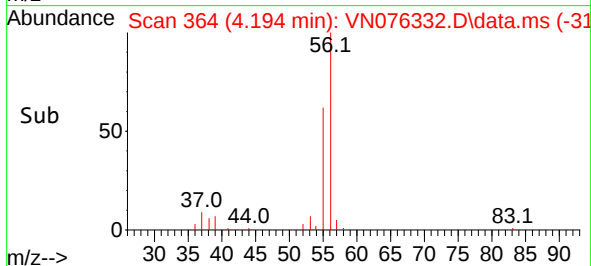
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01



Tgt Ion: 56 Resp: 5667
Ion Ratio Lower Upper
56 100
55 69.4 55.8 83.6

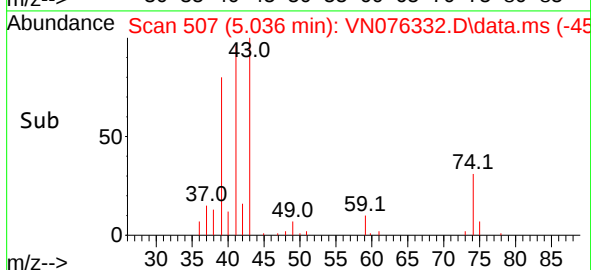
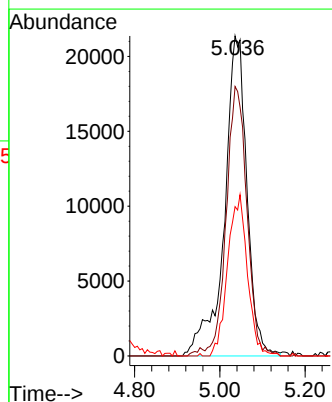
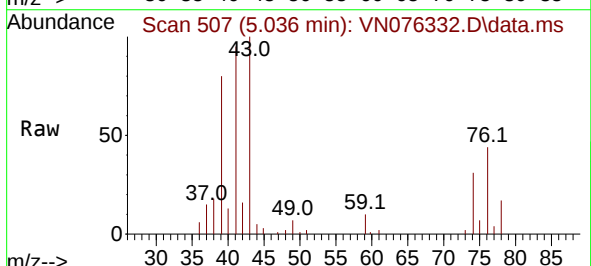
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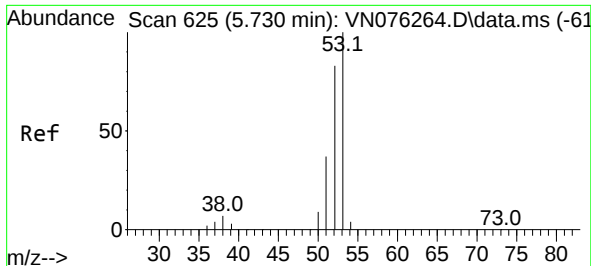
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#14
Allyl chloride
Concen: 19.718 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

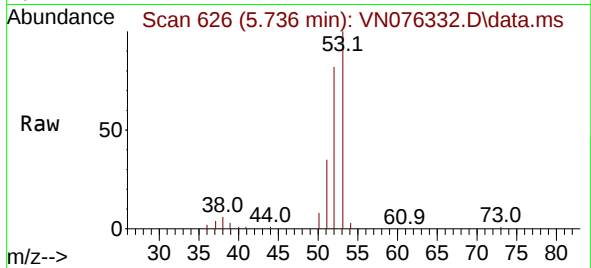
Tgt Ion: 41 Resp: 78812
Ion Ratio Lower Upper
41 100
39 77.6 67.4 101.0
76 44.1 39.8 59.8





#15
Acrylonitrile
Concen: 96.014 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

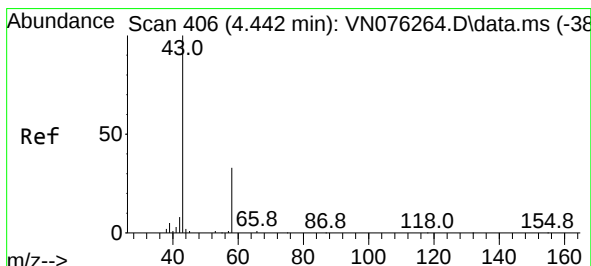
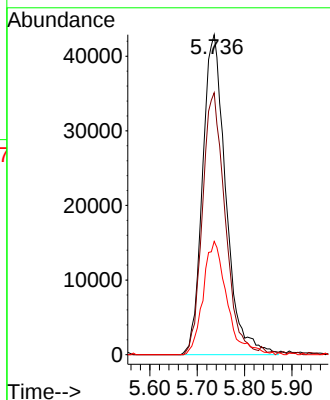
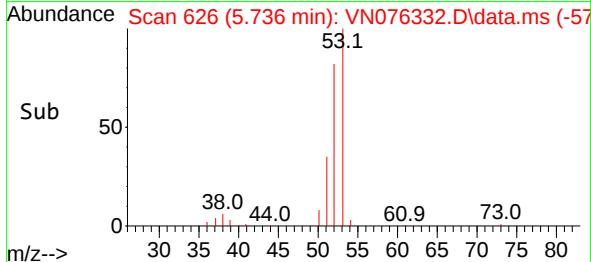
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01



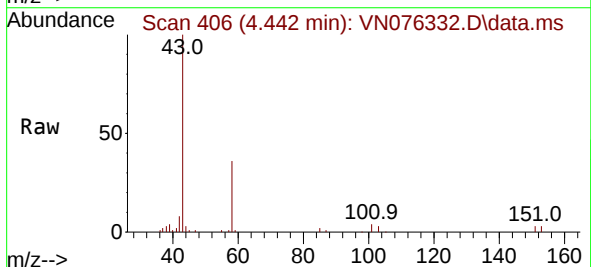
Tgt Ion: 53 Resp: 146532
Ion Ratio Lower Upper
53 100
52 79.6 64.7 97.1
51 36.3 29.2 43.8

Manual Integrations
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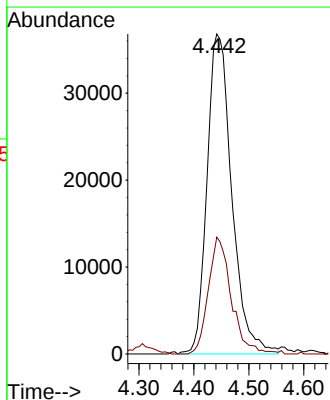
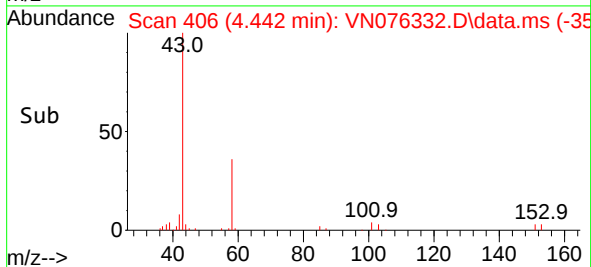
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

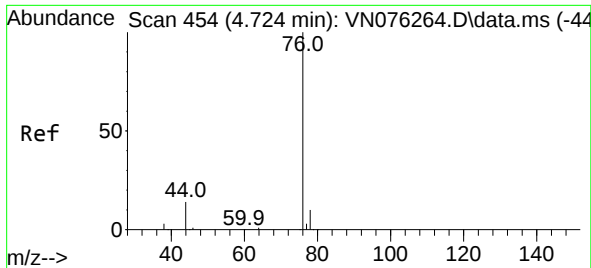


#16
Acetone
Concen: 89.747 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55



Tgt Ion: 43 Resp: 115416
Ion Ratio Lower Upper
43 100
58 36.5 26.7 40.1





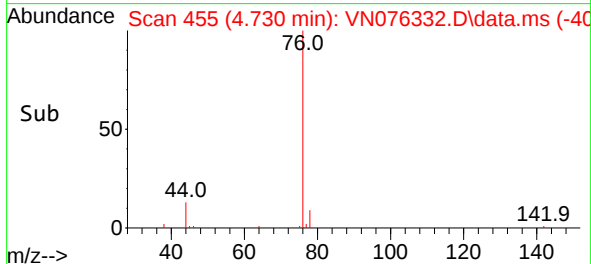
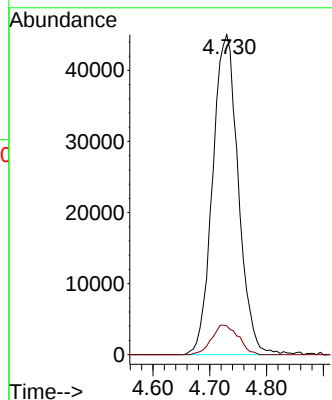
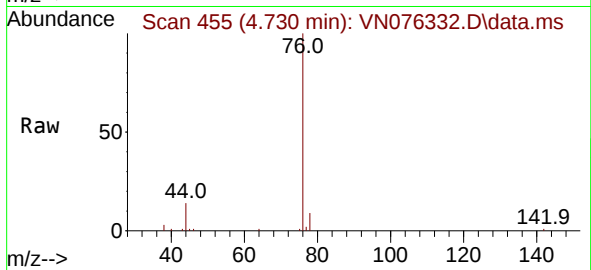
#17
Carbon Disulfide
Concen: 16.518 ug/l
RT: 4.730 min Scan# 455
Delta R.T. 0.006 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01

Tgt Ion: 76 Resp: 141068
Ion Ratio Lower Upper
76 100
78 9.0 8.0 12.0

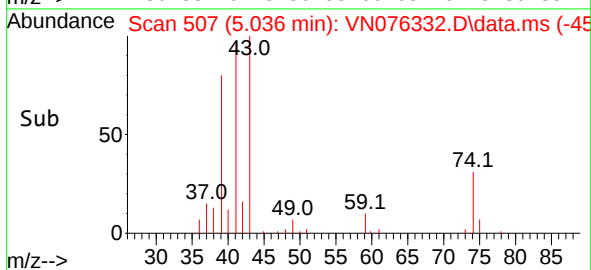
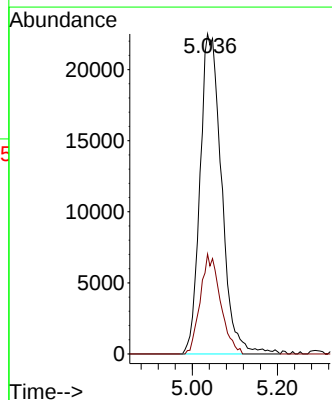
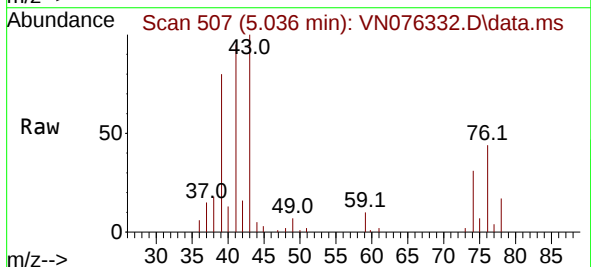
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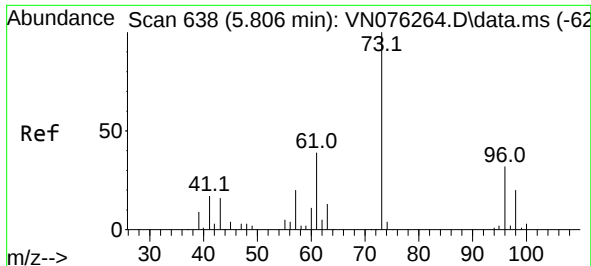
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#18
Methyl Acetate
Concen: 18.104 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

Tgt Ion: 43 Resp: 78859
Ion Ratio Lower Upper
43 100
74 29.1 23.3 34.9





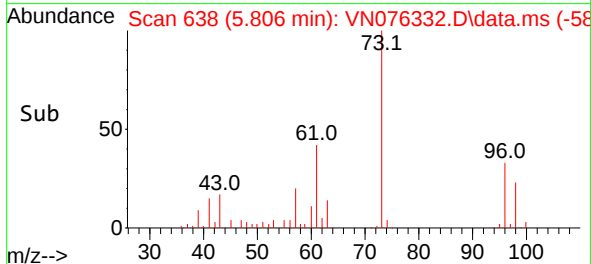
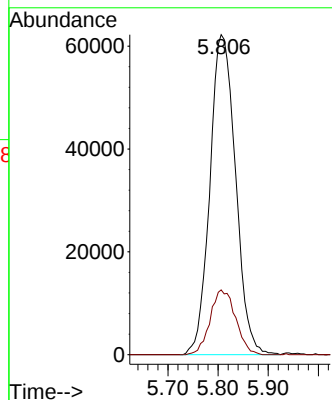
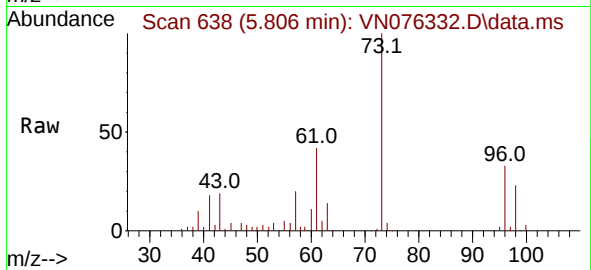
#19
Methyl tert-butyl Ether
Concen: 19.826 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01

Tgt Ion: 73 Resp: 221384
Ion Ratio Lower Upper
73 100
57 20.3 15.9 23.9

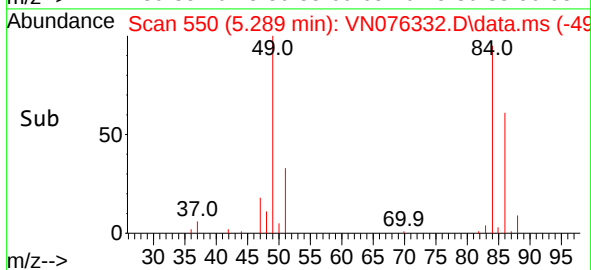
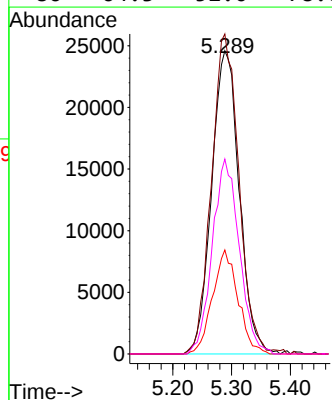
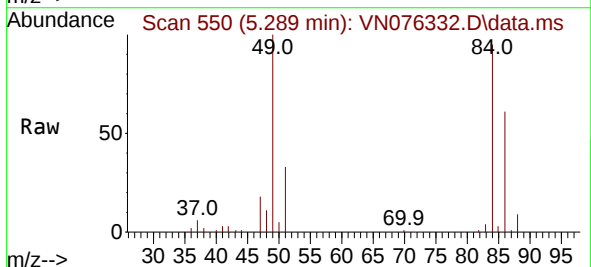
Manual Integrations
APPROVED

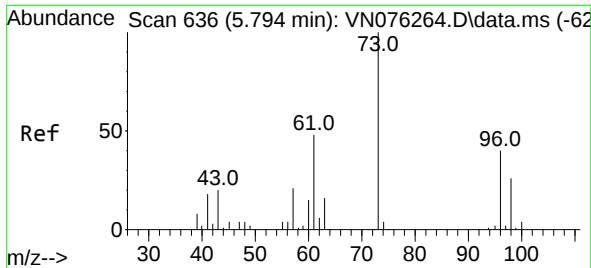
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#20
Methylene Chloride
Concen: 20.720 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

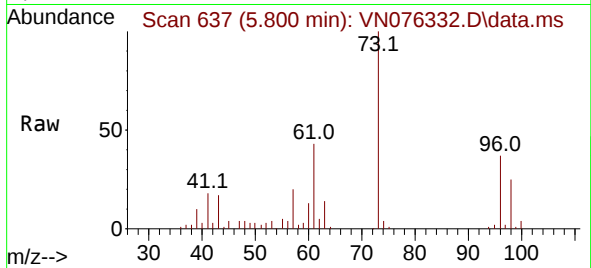
Tgt Ion: 84 Resp: 80149
Ion Ratio Lower Upper
84 100
49 105.6 84.5 126.7
51 34.3 26.0 39.0
86 64.3 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 18.065 ug/l
RT: 5.800 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

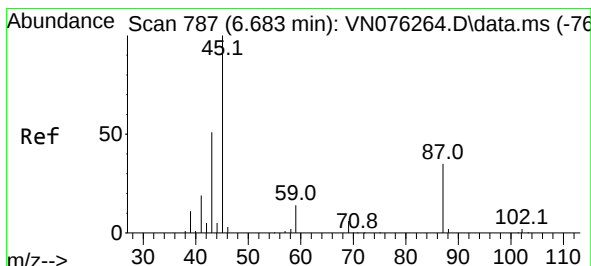
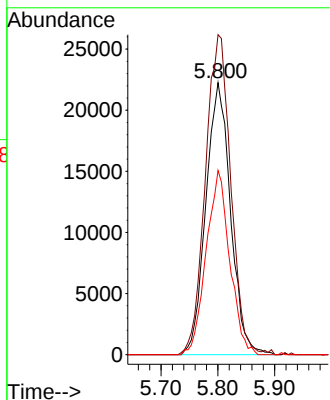
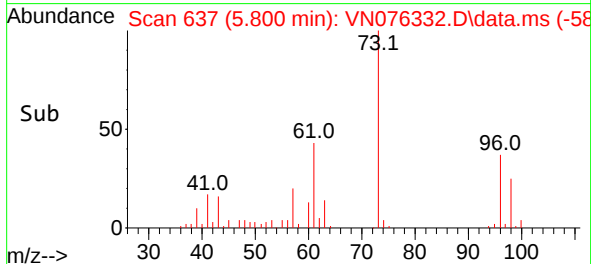
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01



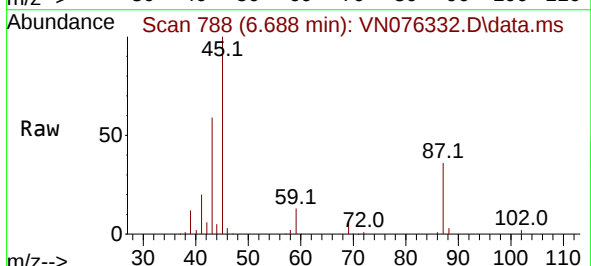
Tgt Ion: 96 Resp: 67124
Ion Ratio Lower Upper
96 100
61 117.6 97.0 145.4
98 67.7 51.9 77.9

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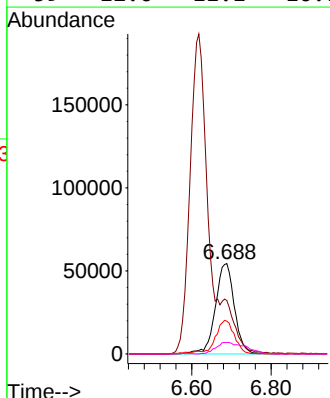
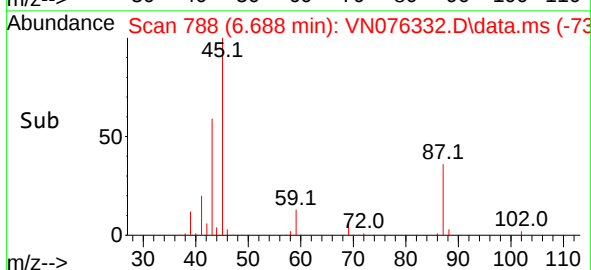
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#22
Diisopropyl ether
Concen: 19.183 ug/l
RT: 6.688 min Scan# 788
Delta R.T. 0.005 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55



Tgt Ion: 45 Resp: 180820
Ion Ratio Lower Upper
45 100
43 57.9 44.4 66.6
87 36.2 28.4 42.6
59 12.6 11.1 16.7





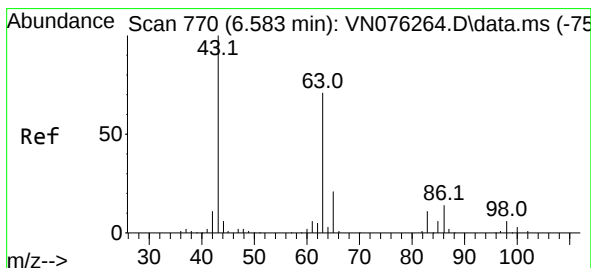
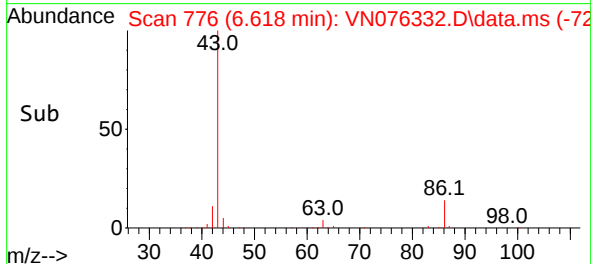
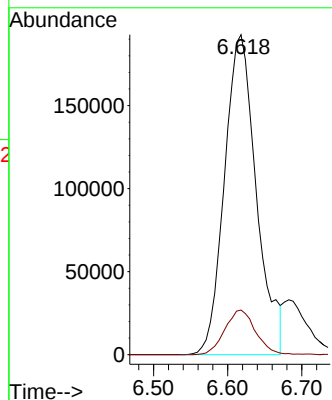
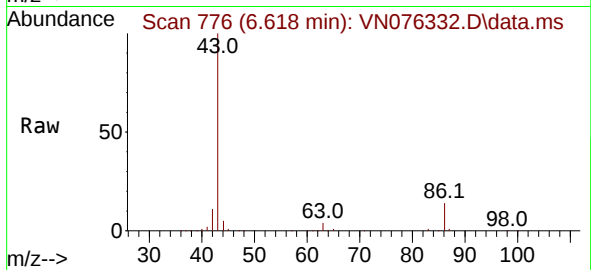
#23
 Vinyl Acetate
 Concen: 94.784 ug/l
 RT: 6.618 min Scan# 776
 Delta R.T. 0.006 min
 Lab File: VN076332.D
 Acq: 19 Jan 2023 18:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0119MBS01

Tgt Ion: 43 Resp: 577418
 Ion Ratio Lower Upper
 43 100
 86 13.9 11.2 16.8

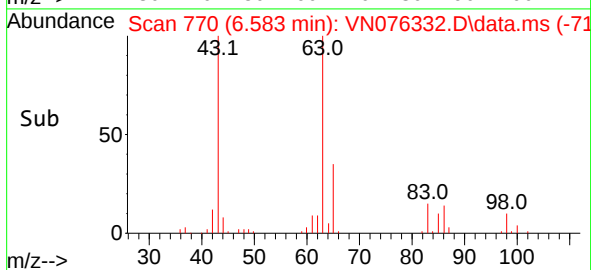
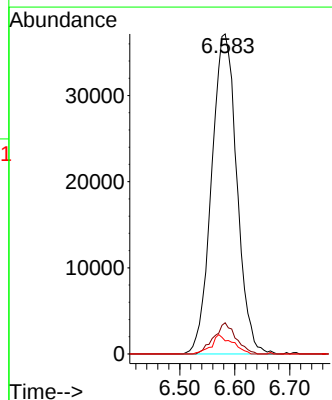
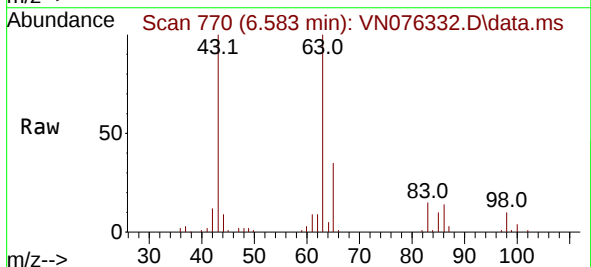
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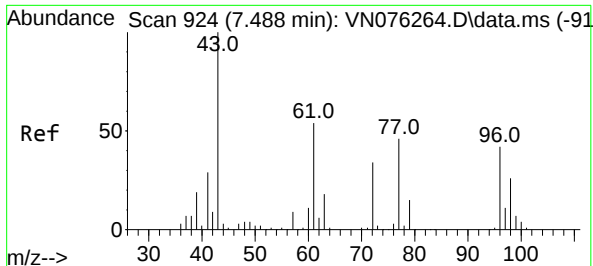
Reviewed By :John Carlone 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023



#24
 1,1-Dichloroethane
 Concen: 18.882 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VN076332.D
 Acq: 19 Jan 2023 18:55

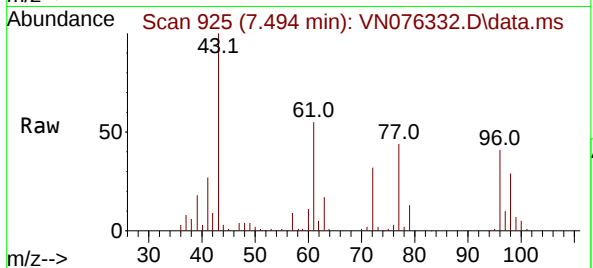
Tgt Ion: 63 Resp: 118640
 Ion Ratio Lower Upper
 63 100
 98 9.7 3.9 11.7
 100 4.1 2.2 6.6





#25
2-Butanone
Concen: 91.056 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

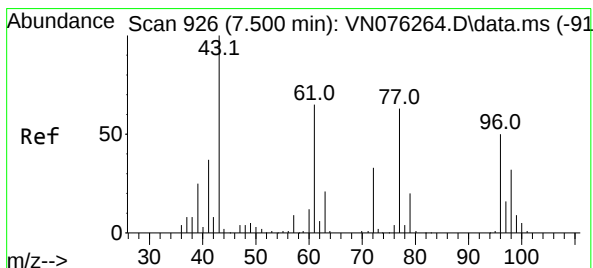
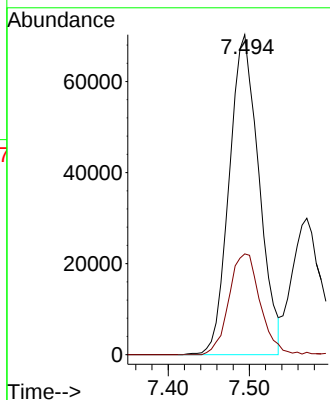
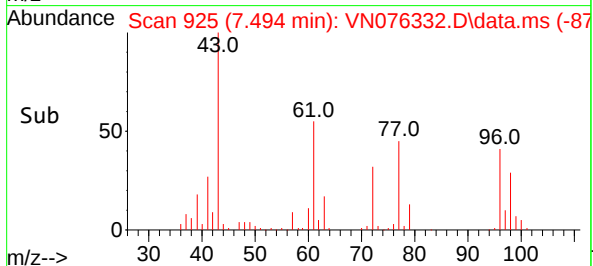
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01



Tgt Ion: 43 Resp: 178752
Ion Ratio Lower Upper
43 100
72 31.5 27.4 41.2

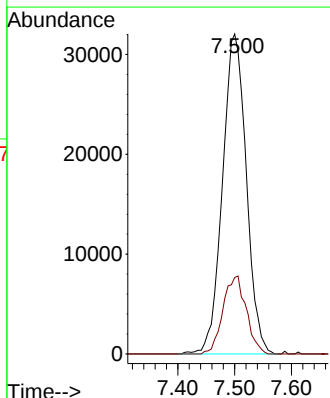
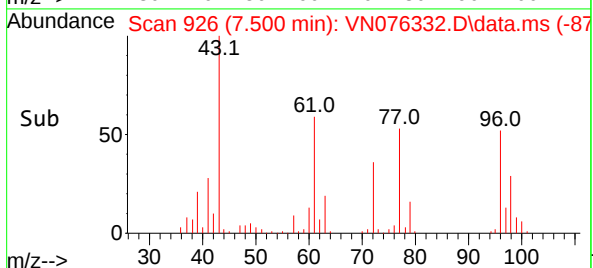
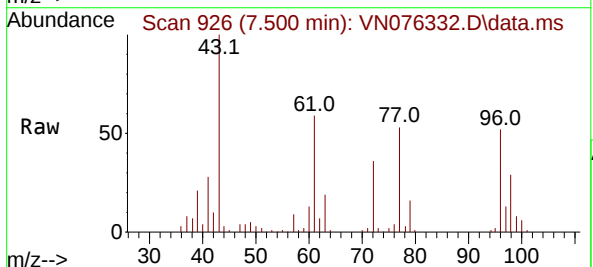
Manual Integrations
APPROVED

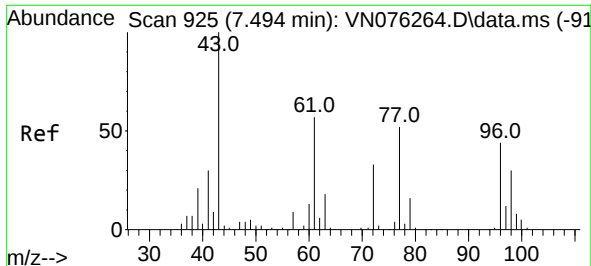
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#26
2,2-Dichloropropane
Concen: 17.635 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

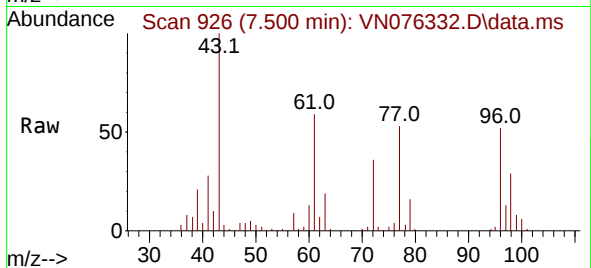
Tgt Ion: 77 Resp: 93390
Ion Ratio Lower Upper
77 100
97 23.7 11.8 35.4





#27
cis-1,2-Dichloroethene
Concen: 18.782 ug/l
RT: 7.500 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

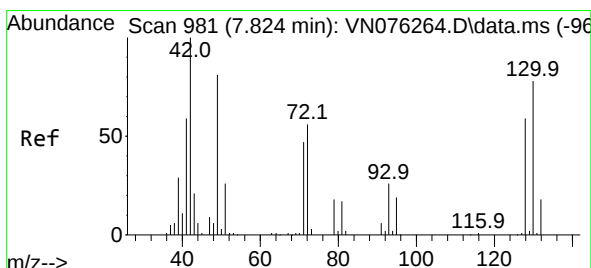
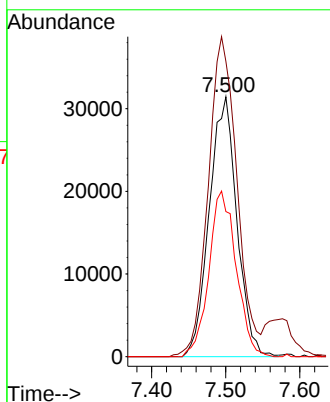
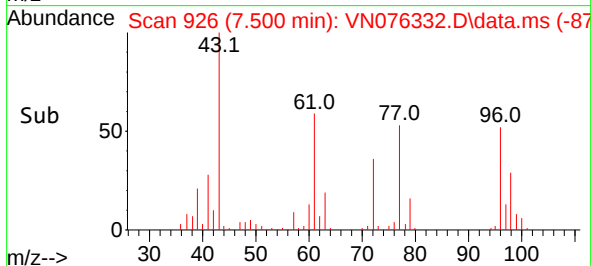
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01



Tgt Ion: 96 Resp: 8139
Ion Ratio Lower Upper
96 100
61 128.0 0.0 259.6
98 63.2 0.0 129.4

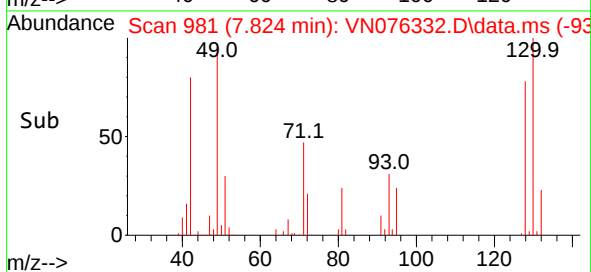
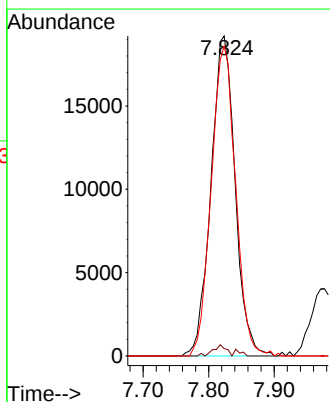
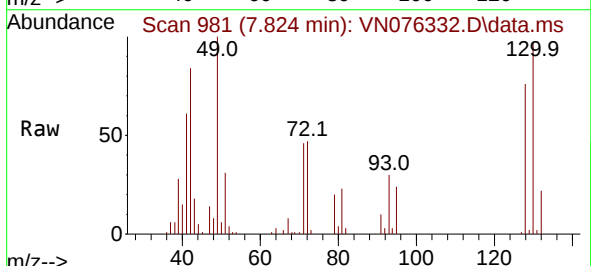
Manual Integrations
APPROVED

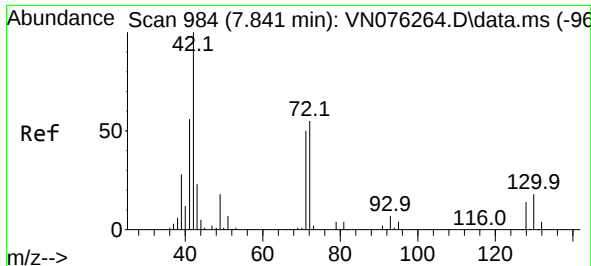
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#28
Bromochloromethane
Concen: 19.271 ug/l
RT: 7.824 min Scan# 981
Delta R.T. -0.000 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

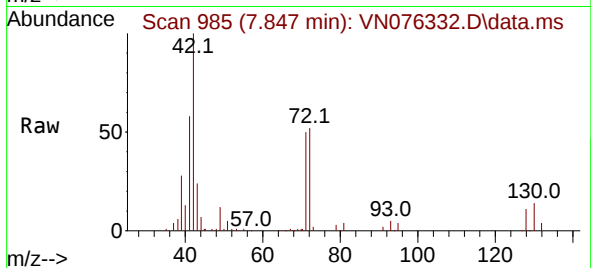
Tgt Ion: 49 Resp: 49077
Ion Ratio Lower Upper
49 100
129 1.9 0.0 5.2
130 97.6 76.0 114.0





#29
Tetrahydrofuran
Concen: 96.724 ug/l
RT: 7.847 min Scan# 984
Delta R.T. 0.006 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

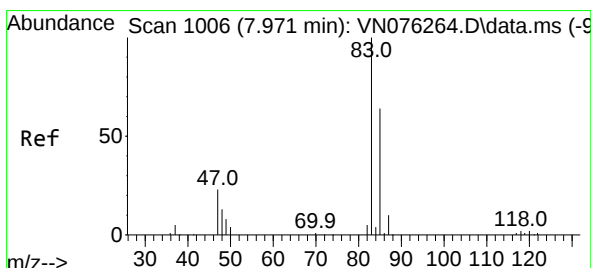
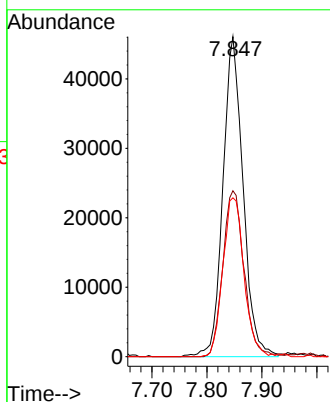
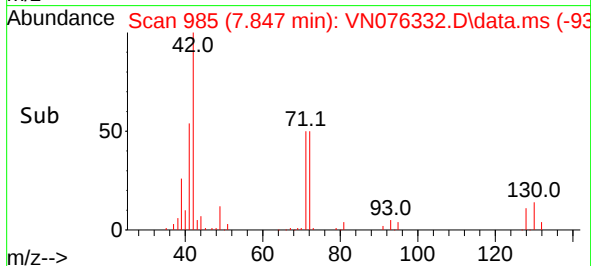
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01



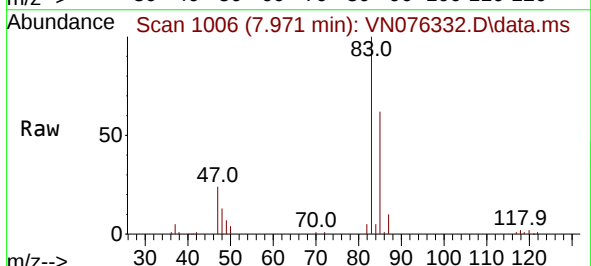
Tgt Ion: 42 Resp: 117190
Ion Ratio Lower Upper
42 100
72 54.7 44.0 66.0
71 52.3 41.1 61.7

Manual Integrations
APPROVED

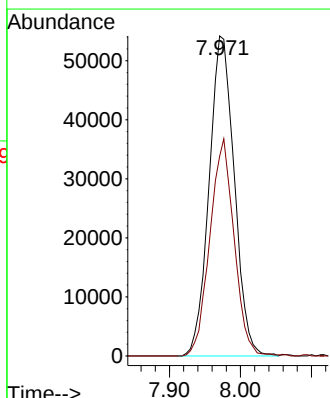
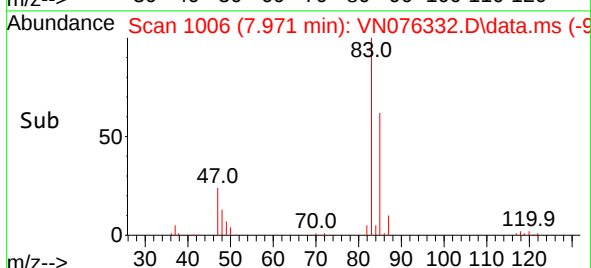
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

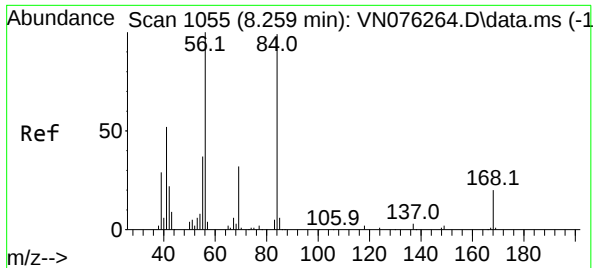


#30
Chloroform
Concen: 19.182 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55



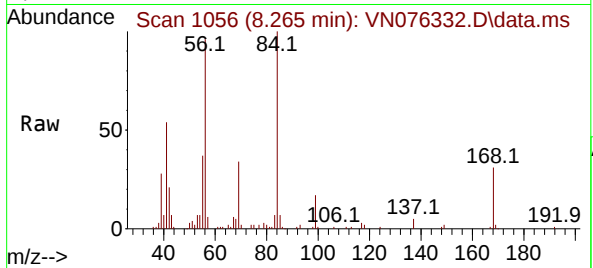
Tgt Ion: 83 Resp: 133359
Ion Ratio Lower Upper
83 100
85 62.3 51.0 76.6





#31
Cyclohexane
Concen: 17.450 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

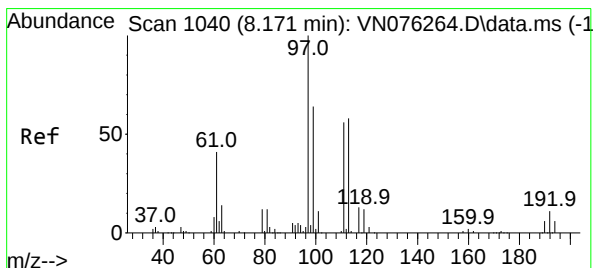
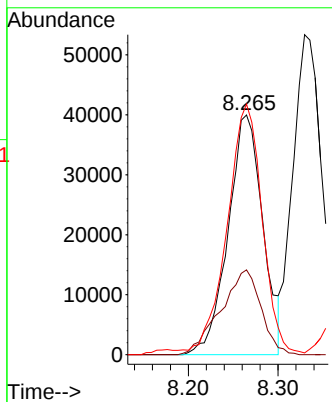
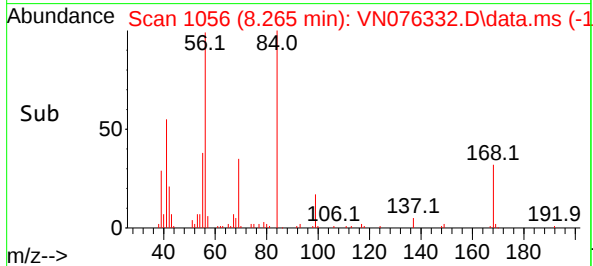
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01



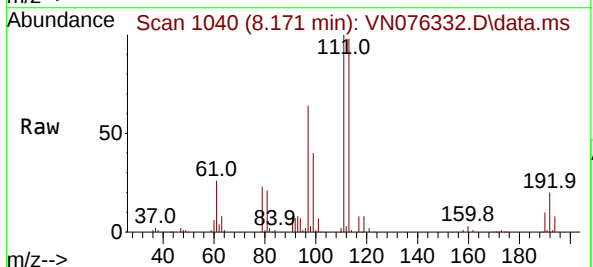
Tgt Ion: 56 Resp: 107480
Ion Ratio Lower Upper
56 100
69 35.4 25.8 38.8
84 102.7 79.0 118.4

Manual Integrations
APPROVED

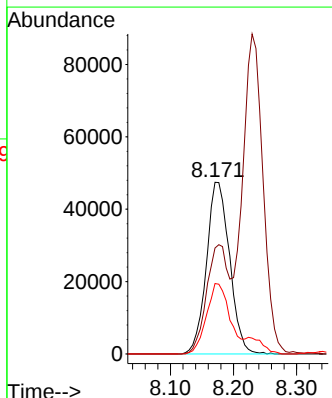
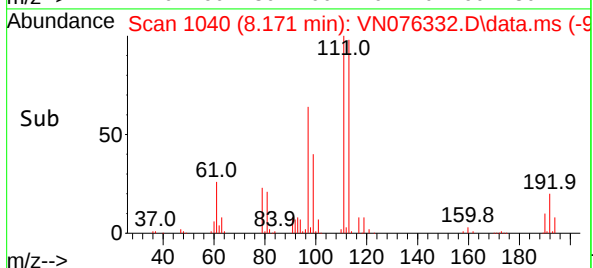
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

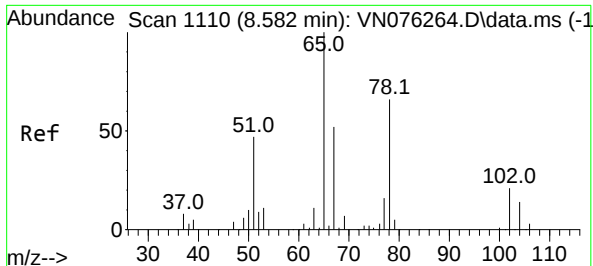


#32
1,1,1-Trichloroethane
Concen: 19.039 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55



Tgt Ion: 97 Resp: 120846
Ion Ratio Lower Upper
97 100
99 59.2 55.0 82.4
61 42.2 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 48.070 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076332.D

Acq: 19 Jan 2023 18:55

Instrument :

MSVOA_N

ClientSampleId :

VN0119MBS01

Tgt Ion: 65 Resp: 19273

Ion Ratio Lower Upper

65 100

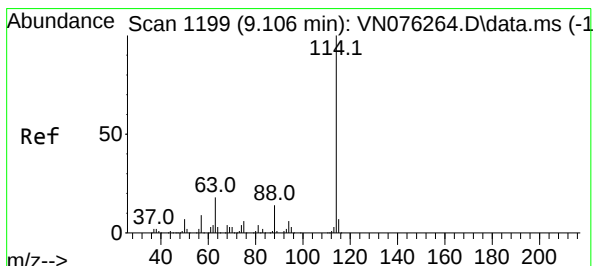
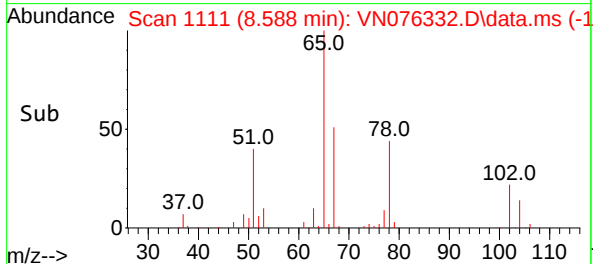
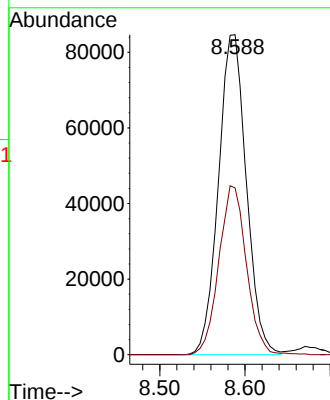
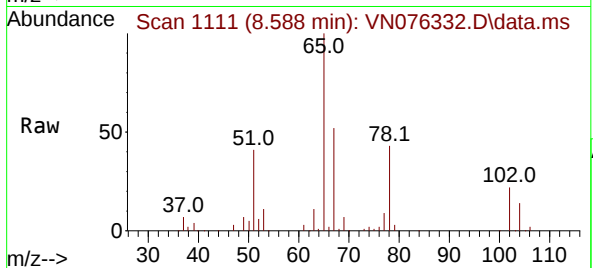
67 52.2 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076332.D

Acq: 19 Jan 2023 18:55

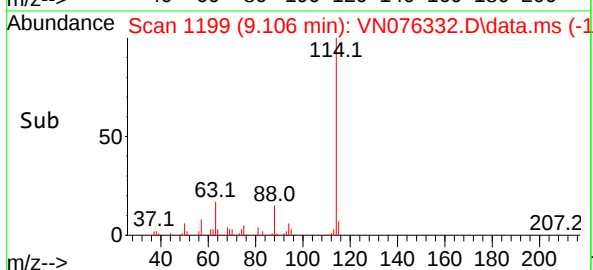
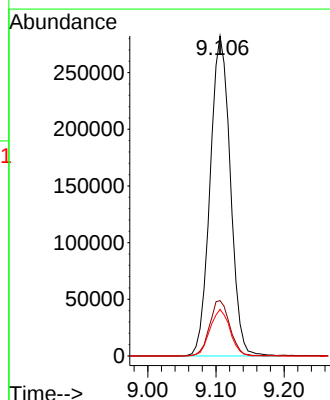
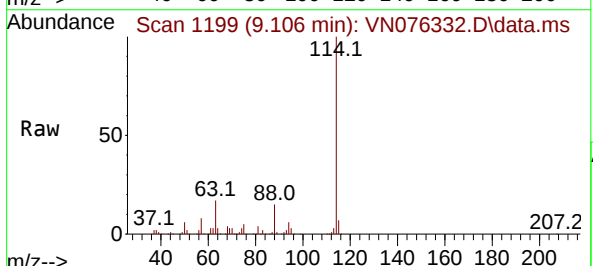
Tgt Ion:114 Resp: 583009

Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.8

88 14.6 0.0 28.0





#35

Dibromofluoromethane

Concen: 48.231 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN076332.D

Acq: 19 Jan 2023 18:55

Instrument :

MSVOA_N

ClientSampleId :

VN0119MBS01

Tgt Ion: 113 Resp: 175898

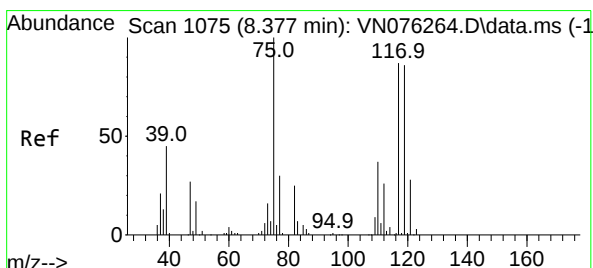
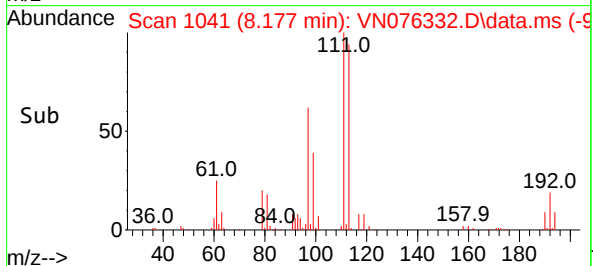
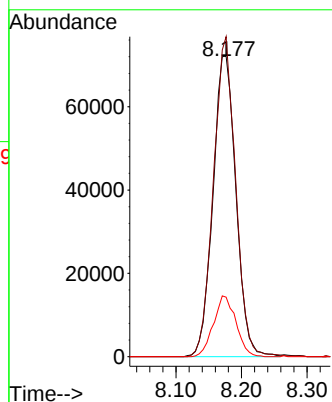
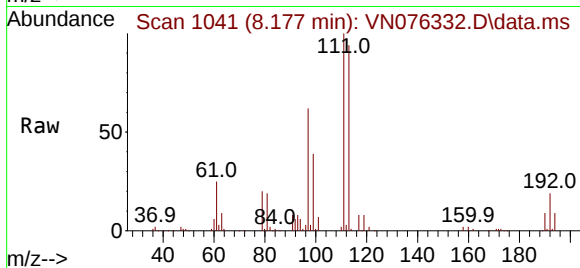
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.7	124.1
192	19.7	15.6	23.4

Manual Integrations

APPROVED

Reviewed By : John Carlone 01/20/2023

Supervised By : Mahesh Dadoda 01/20/2023



#36

1,1-Dichloropropene

Concen: 17.897 ug/l

RT: 8.382 min Scan# 1076

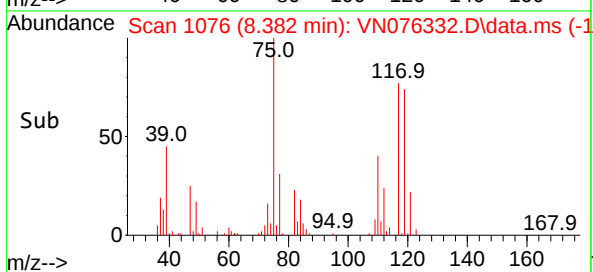
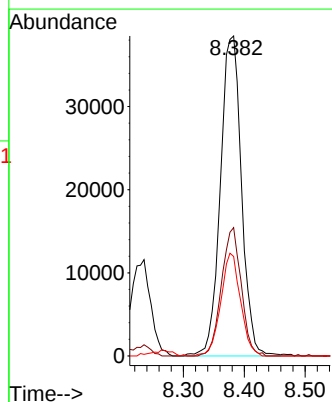
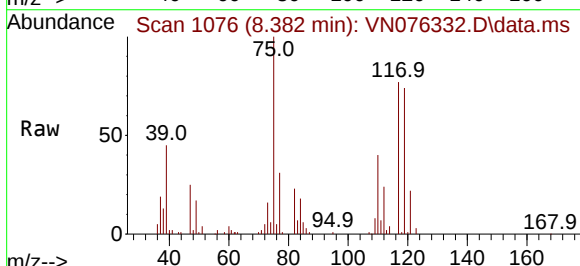
Delta R.T. 0.005 min

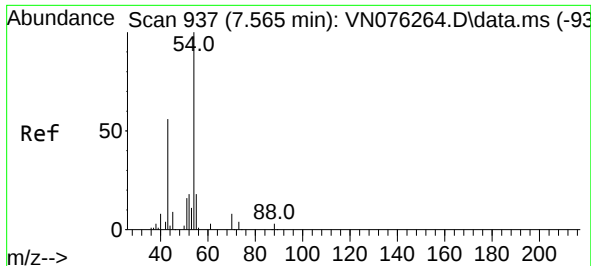
Lab File: VN076332.D

Acq: 19 Jan 2023 18:55

Tgt Ion: 75 Resp: 92745

Ion	Ratio	Lower	Upper
75	100		
110	37.5	18.8	56.3
77	30.1	25.0	37.4





#37

Ethyl Acetate

Concen: 18.266 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076332.D

Acq: 19 Jan 2023 18:55

Instrument :

MSVOA_N

ClientSampleId :

VN0119MBS01

Tgt Ion: 43 Resp: 75830

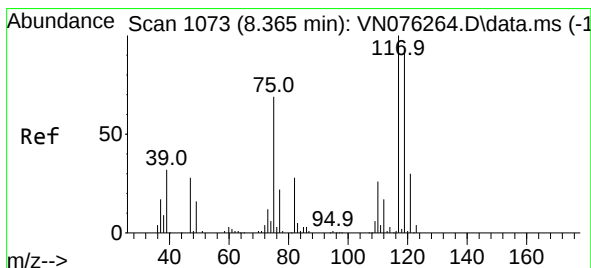
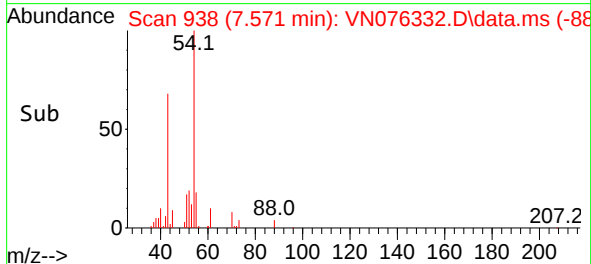
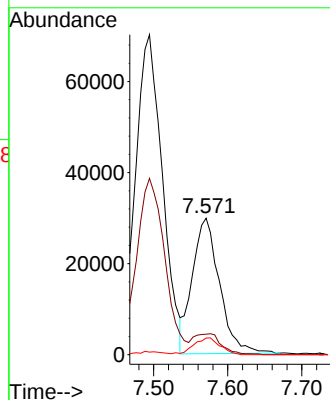
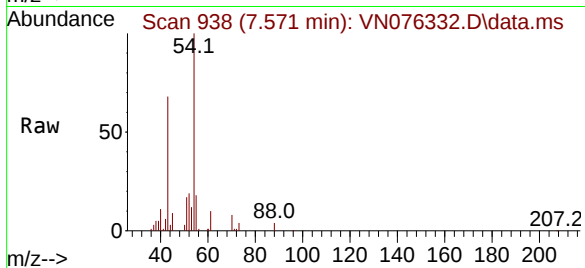
Ion	Ratio	Lower	Upper
43	100		
61	15.8	11.1	16.7
70	12.0	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#38

Carbon Tetrachloride

Concen: 17.930 ug/l

RT: 8.371 min Scan# 1074

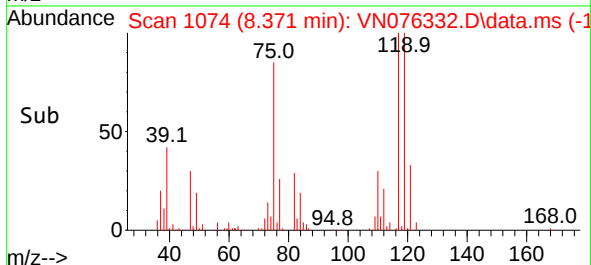
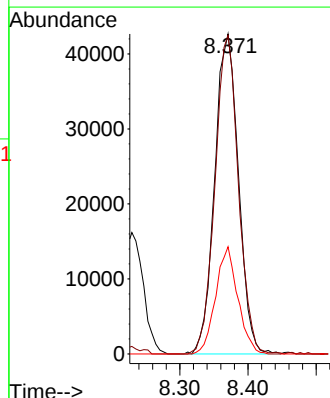
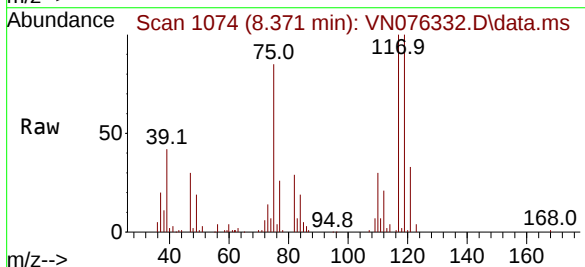
Delta R.T. 0.006 min

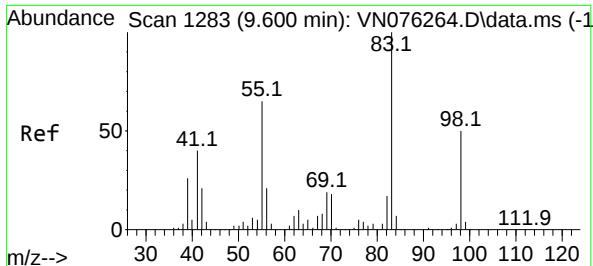
Lab File: VN076332.D

Acq: 19 Jan 2023 18:55

Tgt Ion:117 Resp: 103616

Ion	Ratio	Lower	Upper
117	100		
119	99.5	75.4	113.0
121	33.5	24.2	36.2





#39

Methylcyclohexane

Concen: 18.570 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. 0.006 min

Lab File: VN076332.D

Acq: 19 Jan 2023 18:55

Instrument :

MSVOA_N

ClientSampleId :

VN0119MBS01

Tgt Ion: 83 Resp: 11751

Ion Ratio Lower Upper

83 100

55 64.0 51.7 77.5

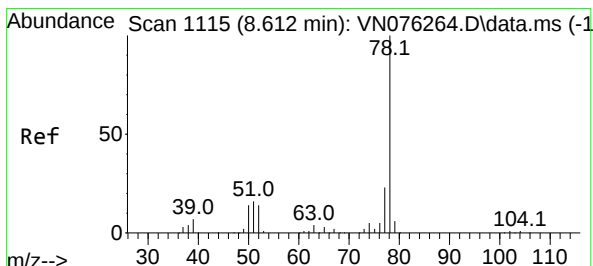
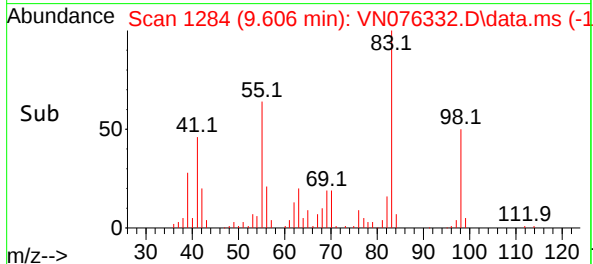
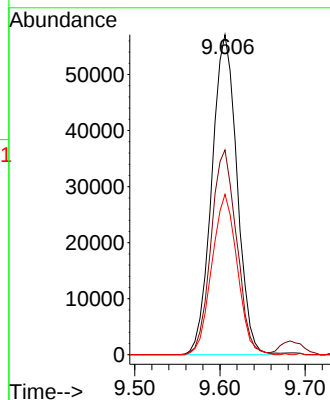
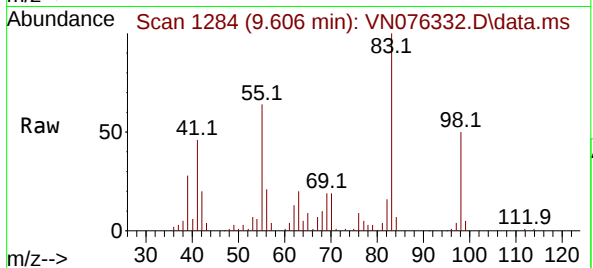
98 50.1 40.0 60.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#40

Benzene

Concen: 18.753 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076332.D

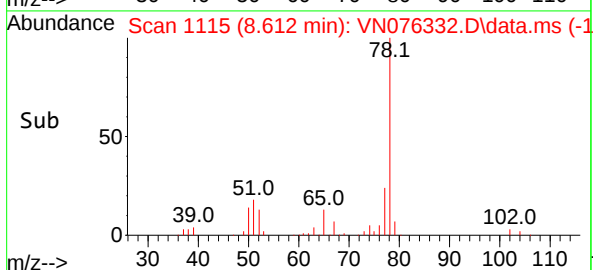
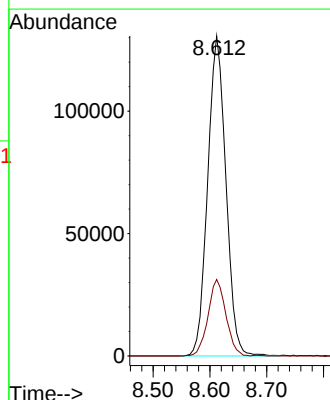
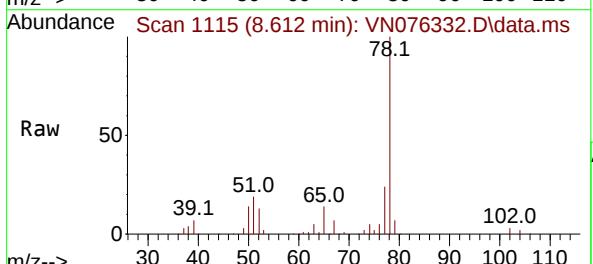
Acq: 19 Jan 2023 18:55

Tgt Ion: 78 Resp: 290593

Ion Ratio Lower Upper

78 100

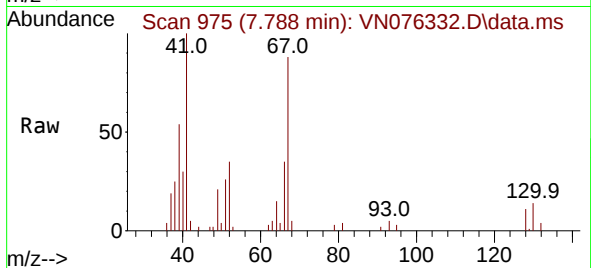
77 23.9 18.6 28.0





#41
Methacrylonitrile
Concen: 17.905 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

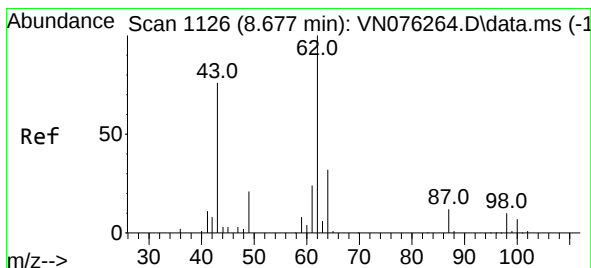
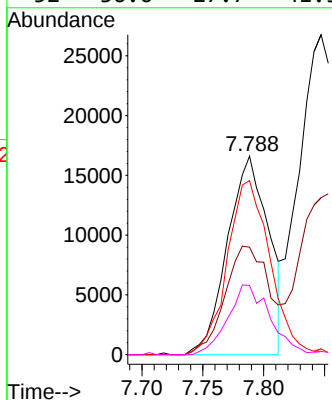
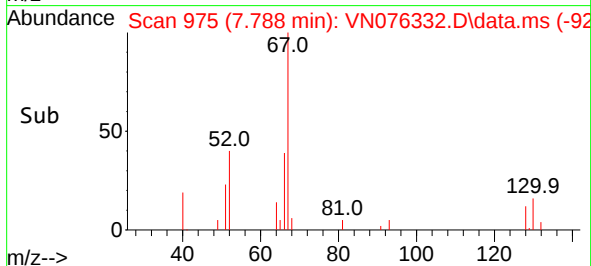
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01



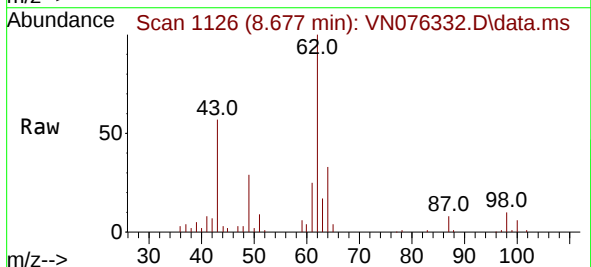
Tgt Ion: 41 Resp: 3896
Ion Ratio Lower Upper
41 100
39 58.1 42.4 63.6
67 92.2 68.8 103.2
52 36.6 27.7 41.5

Manual Integrations
APPROVED

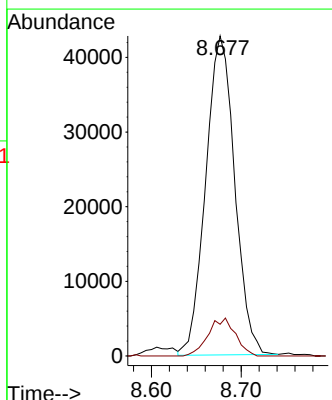
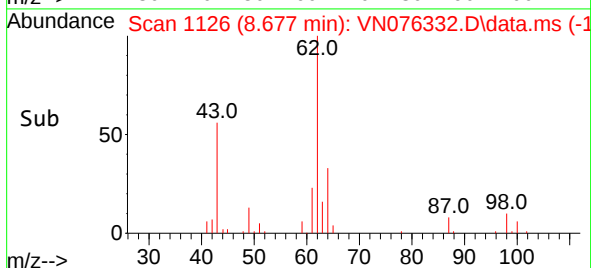
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

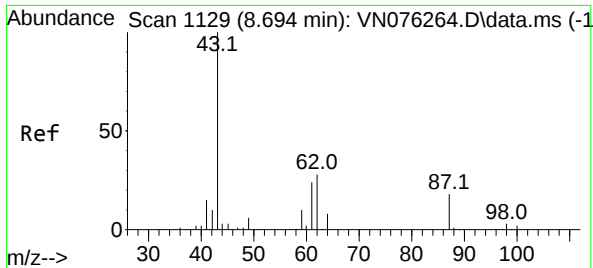


#42
1,2-Dichloroethane
Concen: 18.100 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55



Tgt Ion: 62 Resp: 95963
Ion Ratio Lower Upper
62 100
98 11.2 0.0 20.4





#43

Isopropyl Acetate

Concen: 18.394 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN076332.D

Acq: 19 Jan 2023 18:55

Instrument :

MSVOA_N

ClientSampleId :

VN0119MBS01

Tgt Ion: 43 Resp: 12438

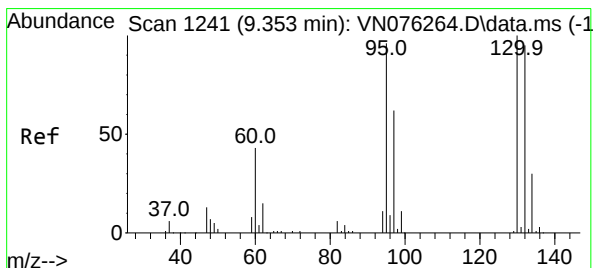
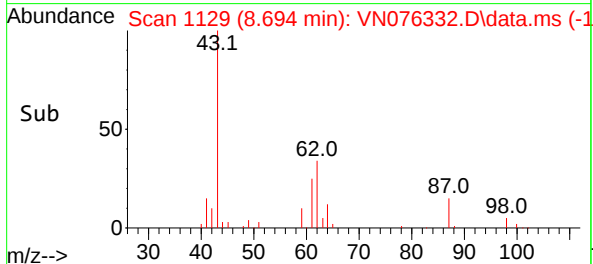
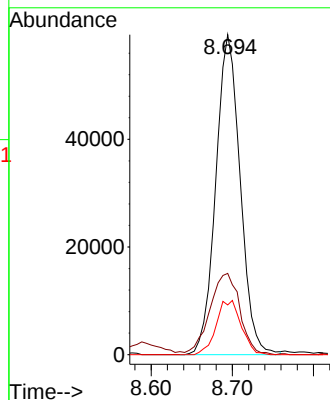
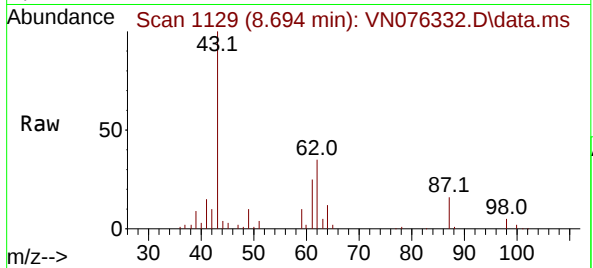
Ion	Ratio	Lower	Upper
43	100		
61	31.1	23.5	35.3
87	17.3	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#44

Trichloroethene

Concen: 18.401 ug/l

RT: 9.359 min Scan# 1242

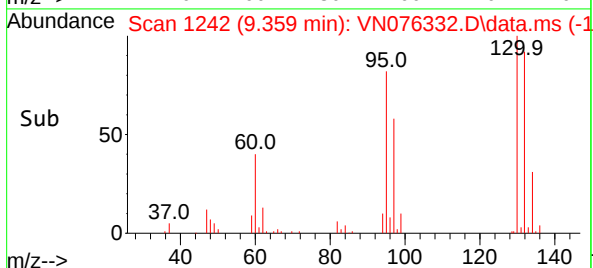
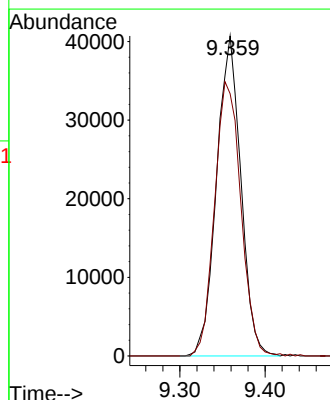
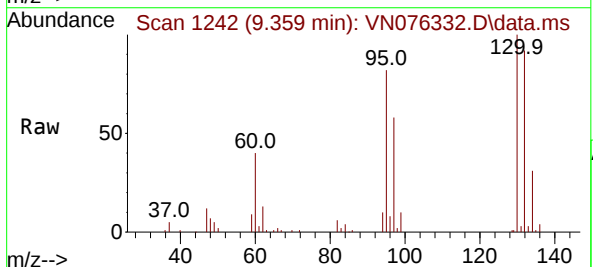
Delta R.T. 0.006 min

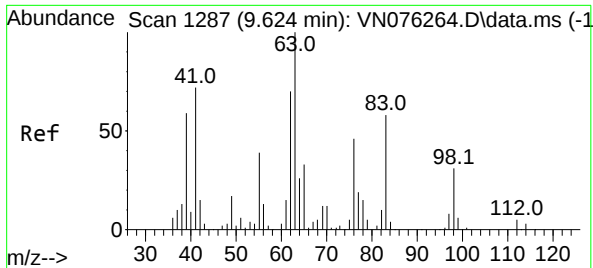
Lab File: VN076332.D

Acq: 19 Jan 2023 18:55

Tgt Ion:130 Resp: 80646

Ion	Ratio	Lower	Upper
130	100		
95	81.9	0.0	192.0





#45

1,2-Dichloropropane

Concen: 18.161 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076332.D

Acq: 19 Jan 2023 18:55

Instrument :

MSVOA_N

ClientSampleId :

VN0119MBS01

Tgt Ion: 63 Resp: 67370

Ion Ratio Lower Upper

63 100

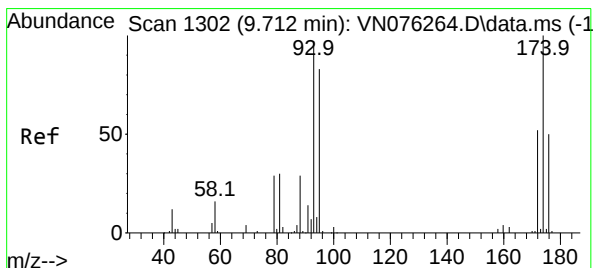
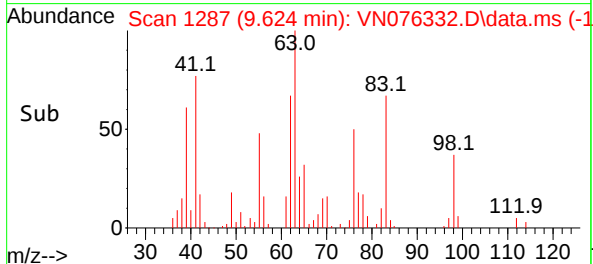
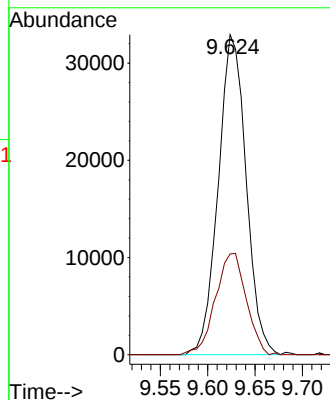
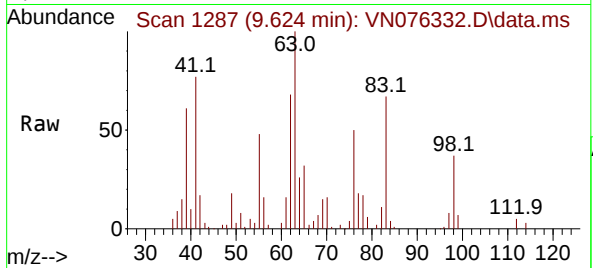
65 31.5 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#46

Dibromomethane

Concen: 18.414 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076332.D

Acq: 19 Jan 2023 18:55

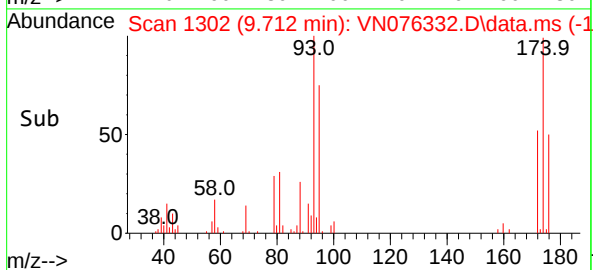
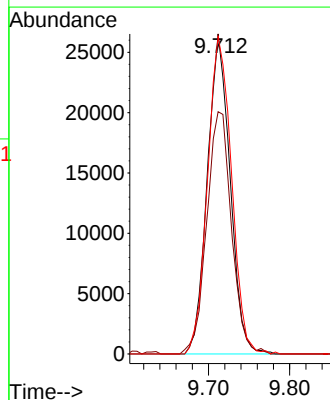
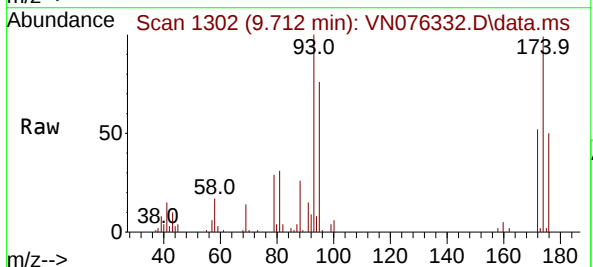
Tgt Ion: 93 Resp: 51579

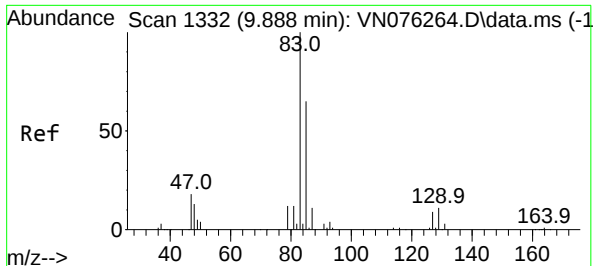
Ion Ratio Lower Upper

93 100

95 82.3 66.0 99.0

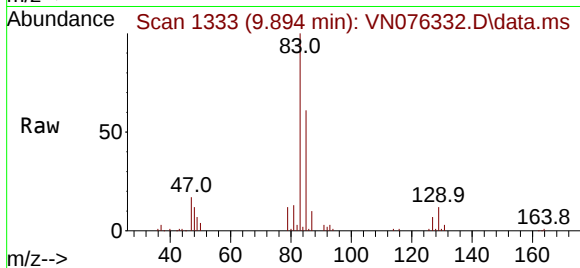
174 104.8 81.3 121.9





#47
Bromodichloromethane
Concen: 18.892 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

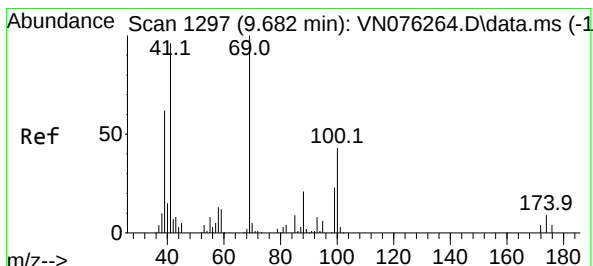
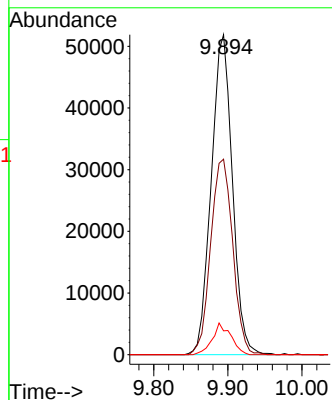
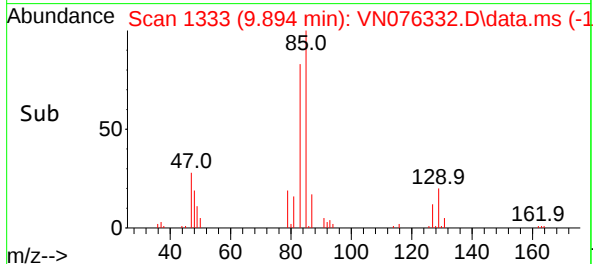
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01



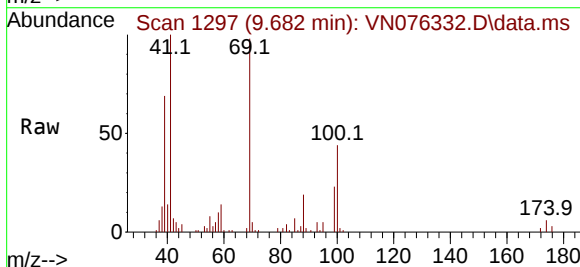
Tgt Ion: 83 Resp: 10263
Ion Ratio Lower Upper
83 100
85 61.1 52.1 78.1
127 7.4 7.4 11.0

Manual Integrations
APPROVED

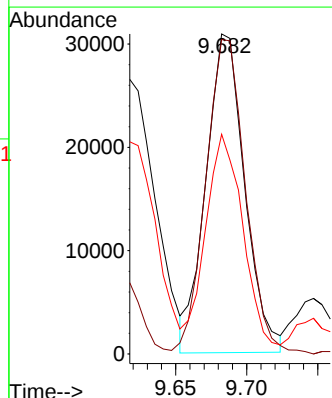
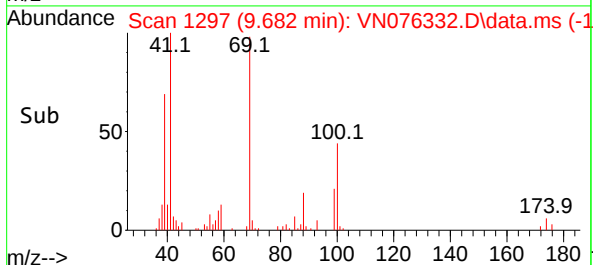
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

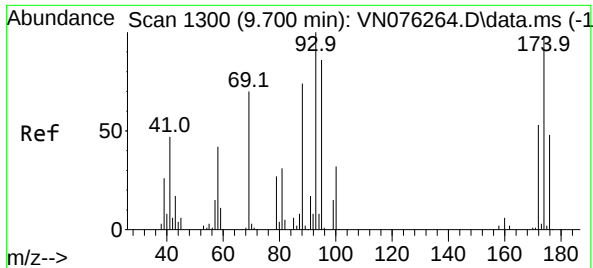


#48
Methyl methacrylate
Concen: 18.277 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55



Tgt Ion: 41 Resp: 58509
Ion Ratio Lower Upper
41 100
69 100.9 80.8 121.2
39 67.4 54.4 81.6





#49

1,4-Dioxane

Concen: 389.588 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN076332.D

Acq: 19 Jan 2023 18:55

Instrument :

MSVOA_N

ClientSampleId :

VN0119MBS01

Tgt Ion: 88 Resp: 26310

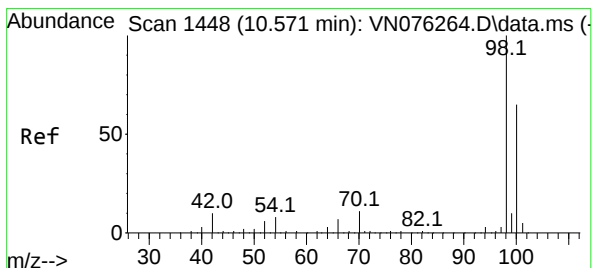
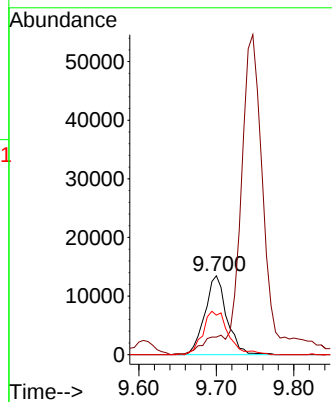
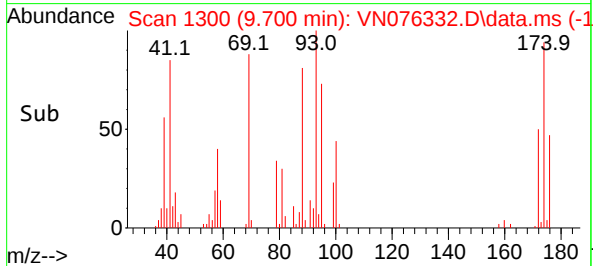
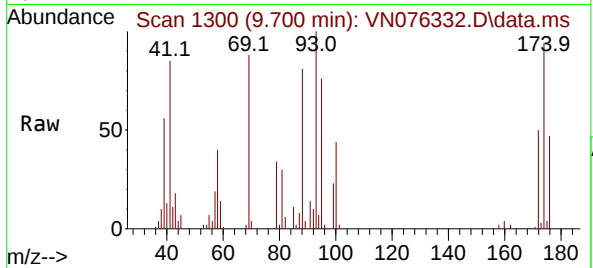
Ion	Ratio	Lower	Upper
88	100		
43	0.0	18.1	27.1
58	64.3	46.5	69.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#50

Toluene-d8

Concen: 48.601 ug/l

RT: 10.571 min Scan# 1448

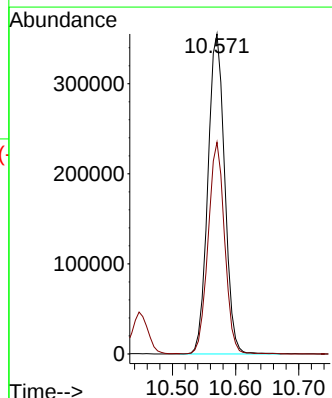
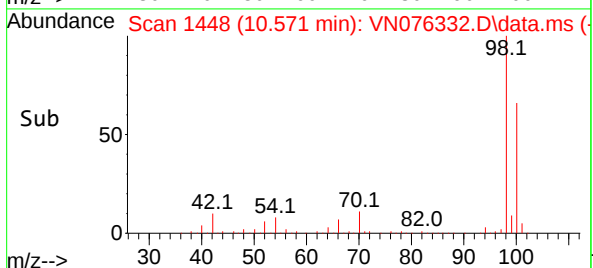
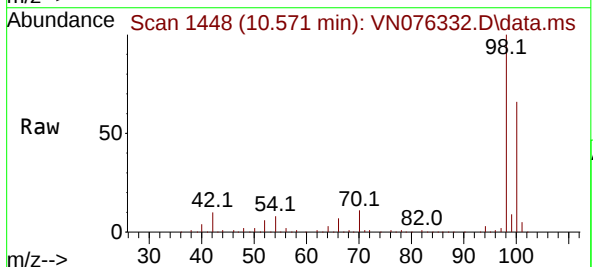
Delta R.T. -0.000 min

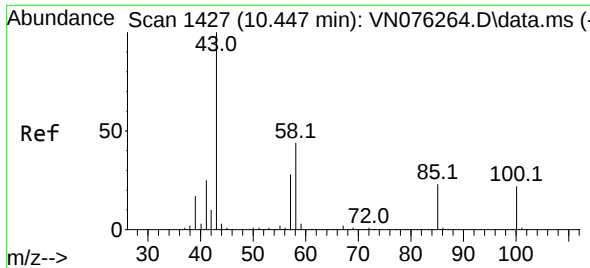
Lab File: VN076332.D

Acq: 19 Jan 2023 18:55

Tgt Ion: 98 Resp: 654595

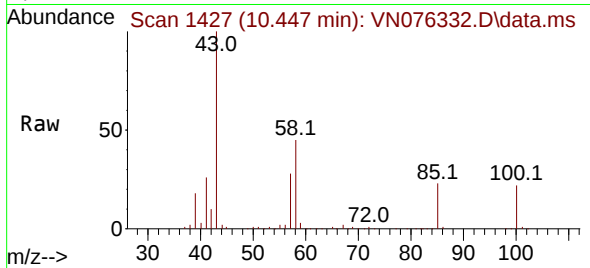
Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.4





#51
4-Methyl-2-Pentanone
Concen: 97.690 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

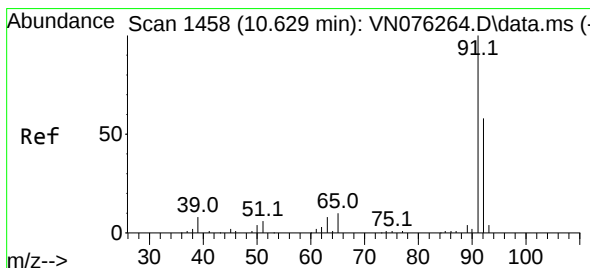
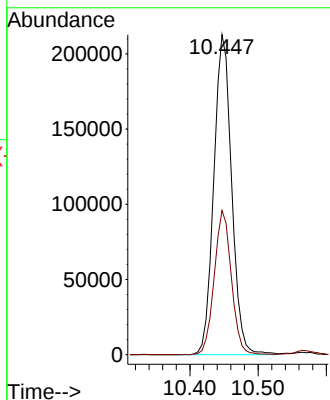
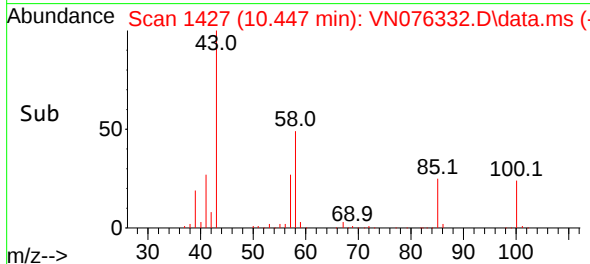
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01



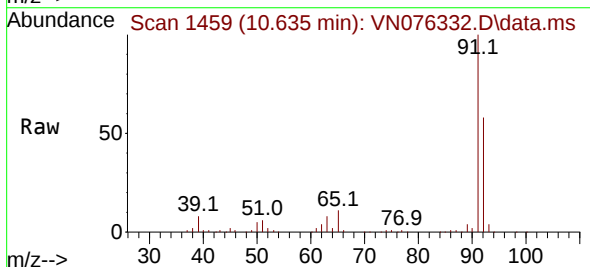
Tgt Ion: 43 Resp: 387780
Ion Ratio Lower Upper
43 100
58 43.3 35.1 52.7

Manual Integrations
APPROVED

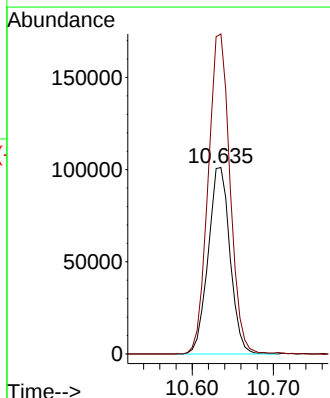
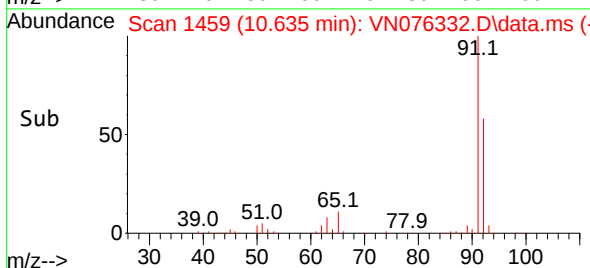
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

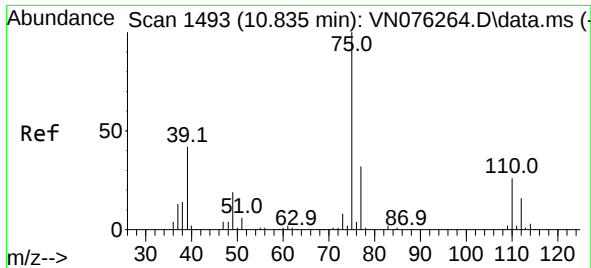


#52
Toluene
Concen: 18.218 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55



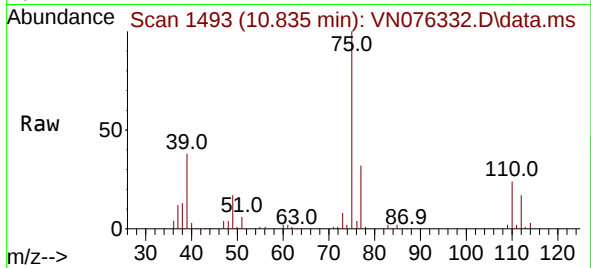
Tgt Ion: 92 Resp: 188785
Ion Ratio Lower Upper
92 100
91 172.1 136.6 205.0





#53
t-1,3-Dichloropropene
Concen: 18.246 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

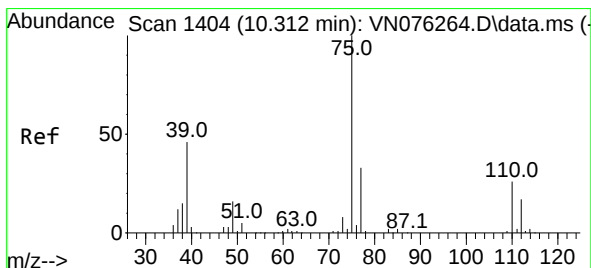
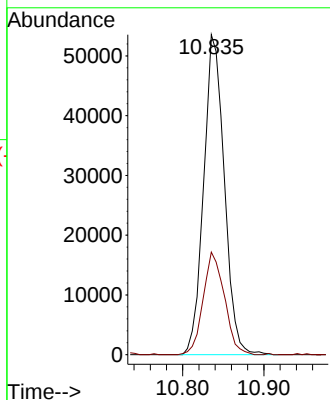
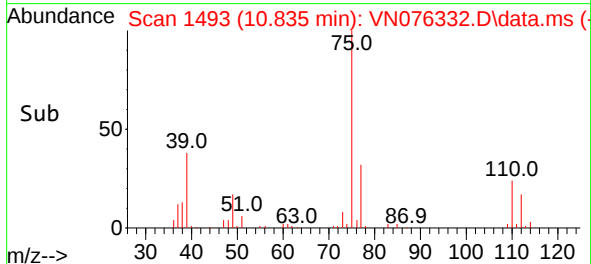
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01



Tgt Ion: 75 Resp: 94498
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.6

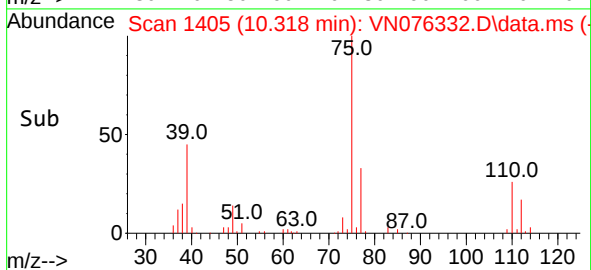
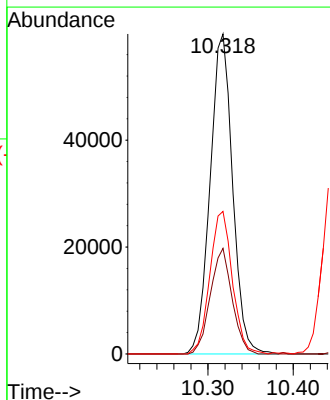
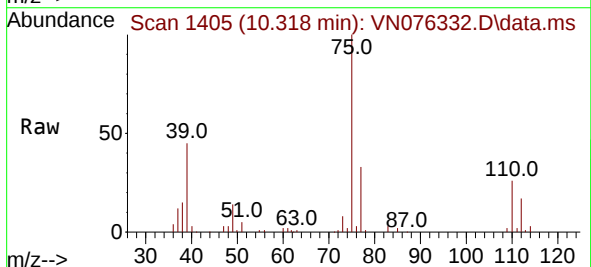
Manual Integrations
APPROVED

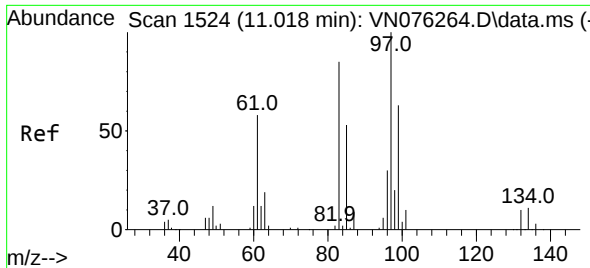
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#54
cis-1,3-Dichloropropene
Concen: 18.384 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

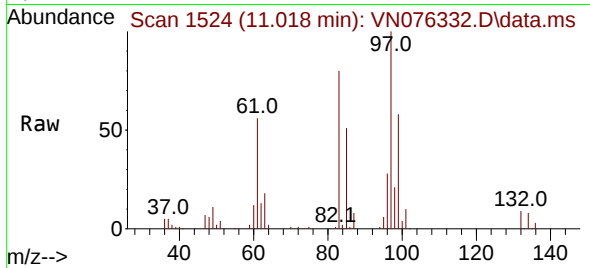
Tgt Ion: 75 Resp: 109534
Ion Ratio Lower Upper
75 100
77 33.0 26.5 39.7
39 44.5 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 18.942 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

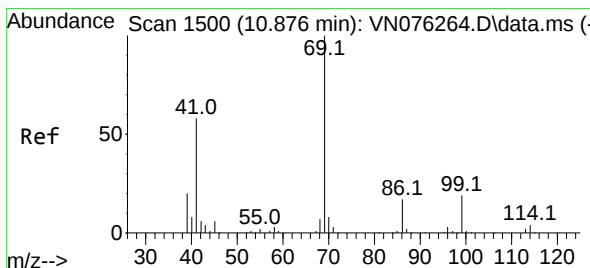
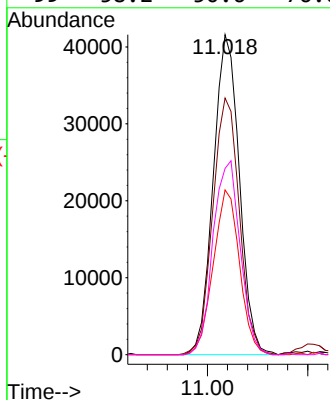
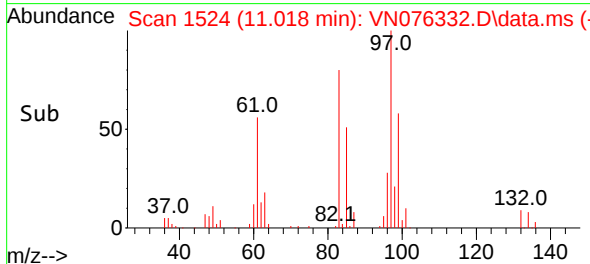
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01



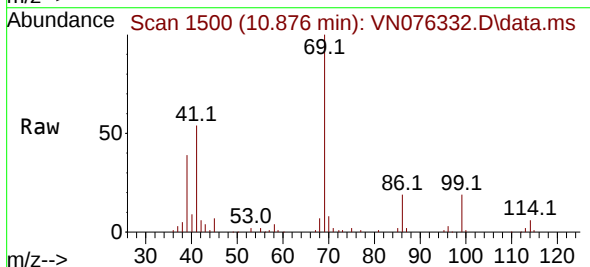
Tgt Ion: 97 Resp: 75029
Ion Ratio Lower Upper
97 100
83 80.2 67.8 101.6
85 51.5 42.3 63.5
99 58.2 50.6 76.0

Manual Integrations
APPROVED

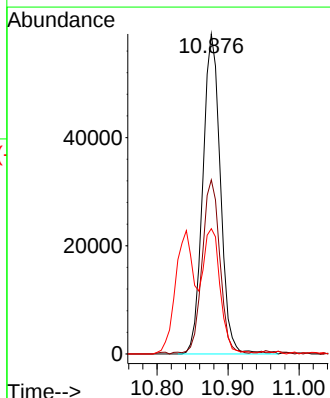
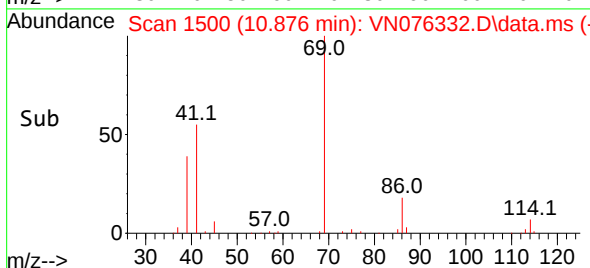
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

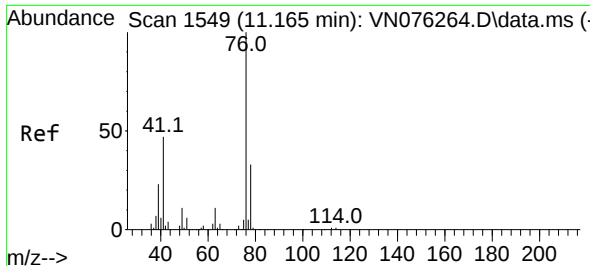


#56
Ethyl methacrylate
Concen: 19.942 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55



Tgt Ion: 69 Resp: 101978
Ion Ratio Lower Upper
69 100
41 55.0 45.3 67.9
39 36.8 29.3 43.9





#57

1,3-Dichloropropane

Concen: 18.576 ug/l

RT: 11.165 min Scan# 11956

Delta R.T. -0.000 min

Lab File: VN076332.D

Acq: 19 Jan 2023 18:55

Instrument :

MSVOA_N

ClientSampleId :

VN0119MBS01

Tgt Ion: 76 Resp: 11956

Ion Ratio Lower Upper

76 100

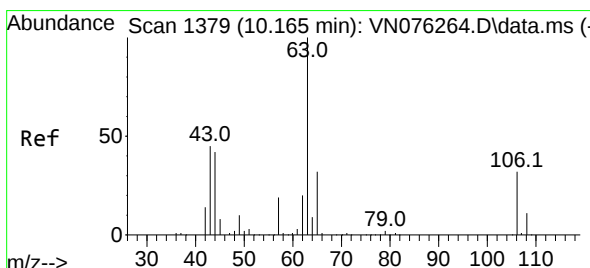
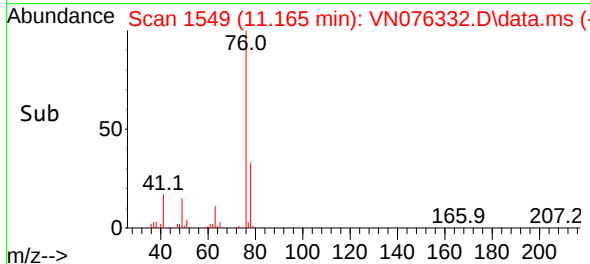
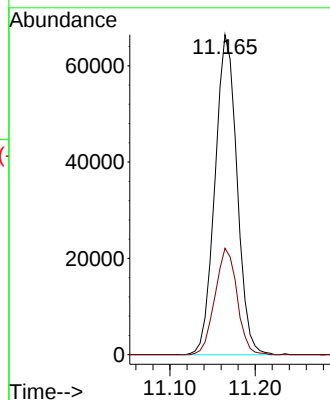
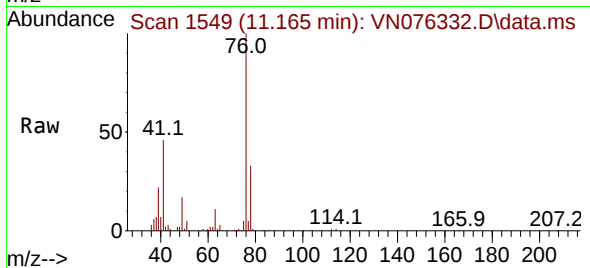
78 33.3 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 83.713 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076332.D

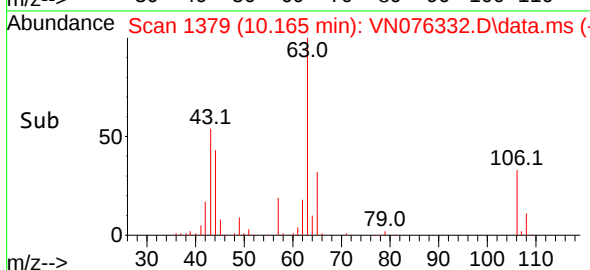
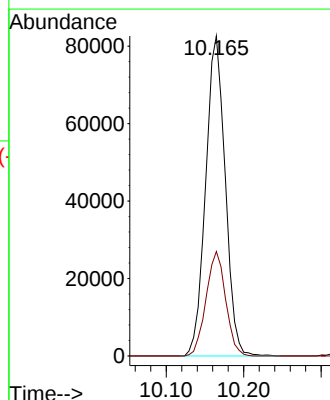
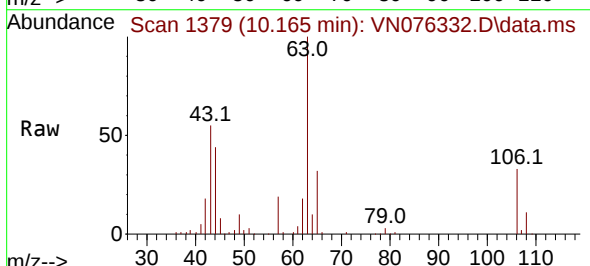
Acq: 19 Jan 2023 18:55

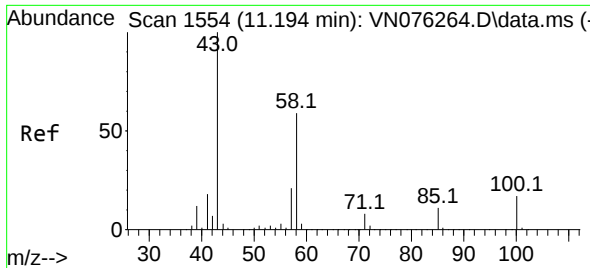
Tgt Ion: 63 Resp: 144517

Ion Ratio Lower Upper

63 100

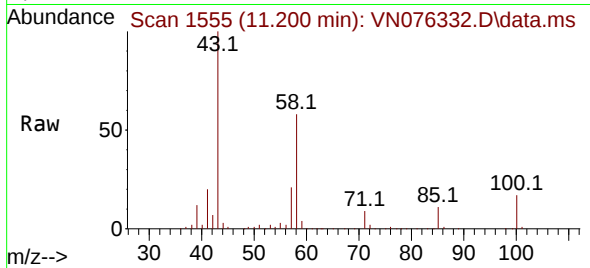
106 32.7 26.2 39.2





#59
2-Hexanone
Concen: 94.199 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

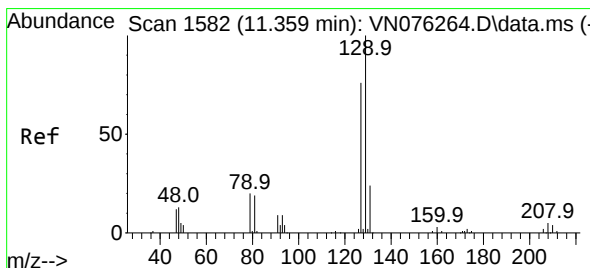
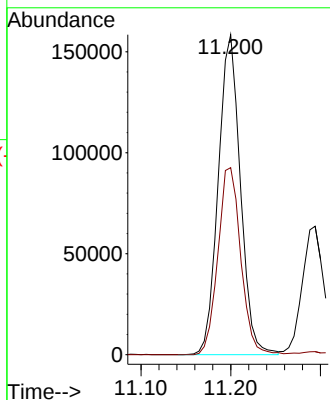
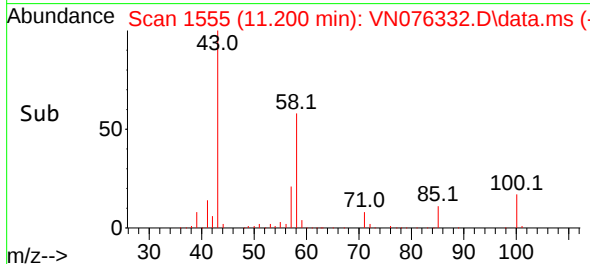
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01



Tgt Ion: 43 Resp: 270969
Ion Ratio Lower Upper
43 100
58 60.4 30.1 90.3

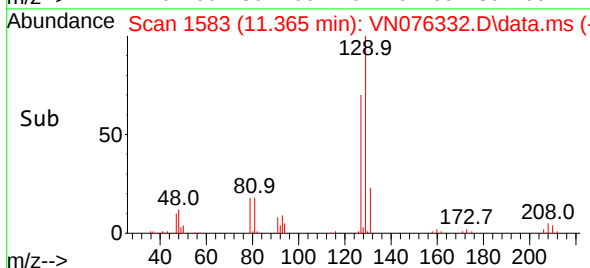
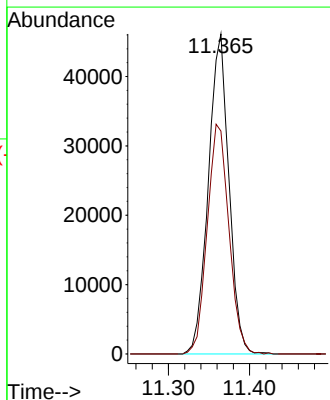
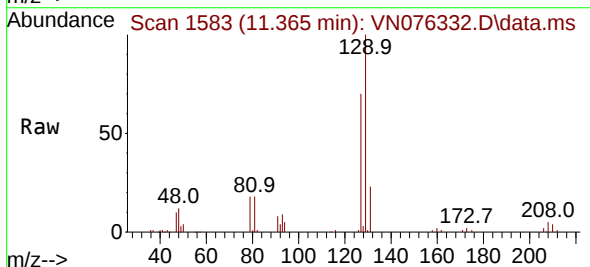
Manual Integrations
APPROVED

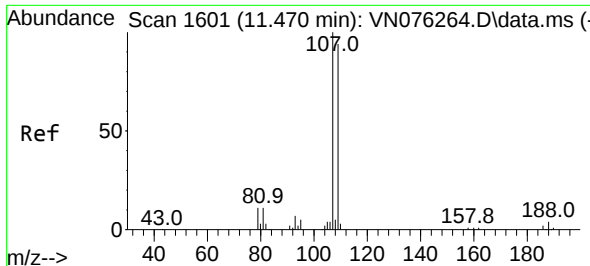
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#60
Dibromochloromethane
Concen: 19.468 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

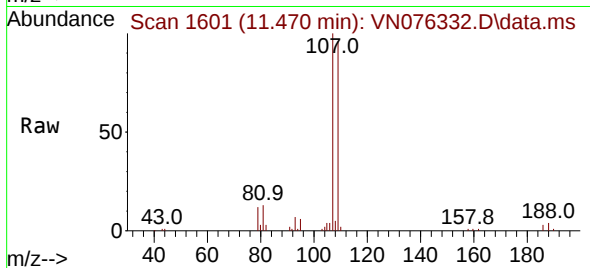
Tgt Ion:129 Resp: 81174
Ion Ratio Lower Upper
129 100
127 75.8 38.7 116.1





#61
1,2-Dibromoethane
Concen: 19.040 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

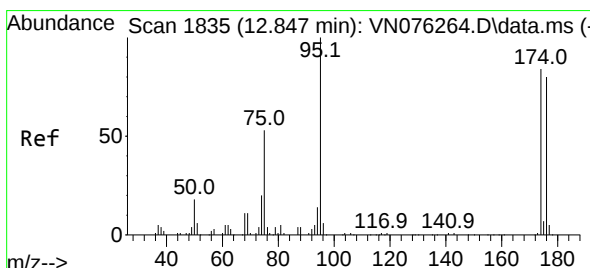
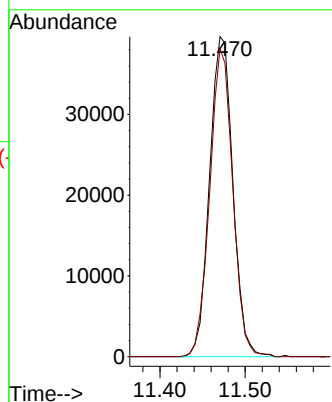
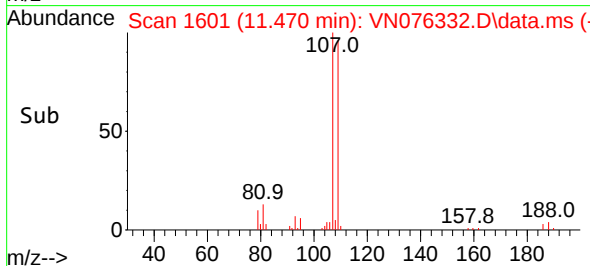
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01



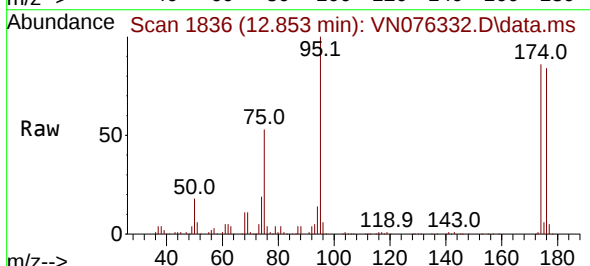
Tgt Ion:107 Resp: 75278
Ion Ratio Lower Upper
107 100
109 94.8 76.0 114.0

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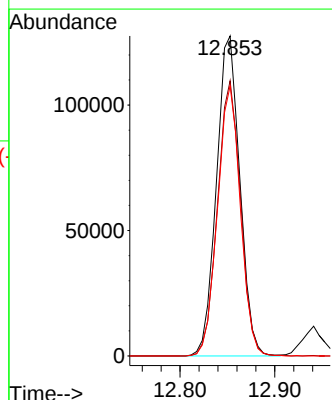
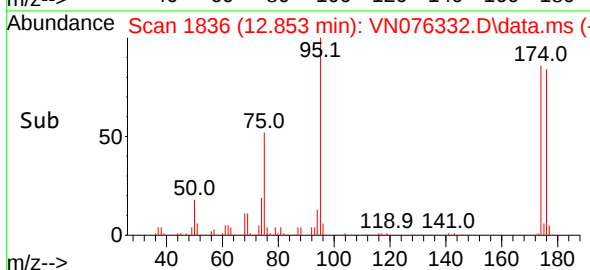
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

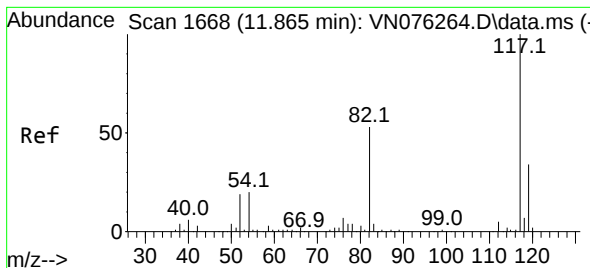


#62
4-Bromofluorobenzene
Concen: 49.755 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55



Tgt Ion: 95 Resp: 218768
Ion Ratio Lower Upper
95 100
174 84.8 0.0 174.6
176 82.5 0.0 167.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1669

Delta R.T. 0.005 min

Lab File: VN076332.D

Acq: 19 Jan 2023 18:55

Instrument :

MSVOA_N

ClientSampleId :

VN0119MBS01

Tgt Ion:117 Resp: 505479

Ion Ratio Lower Upper

117 100

82 53.4 42.2 63.2

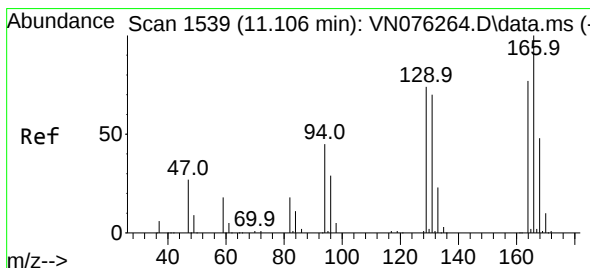
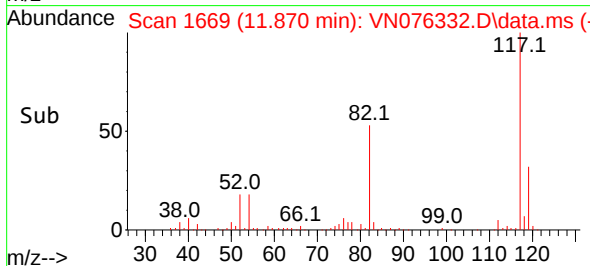
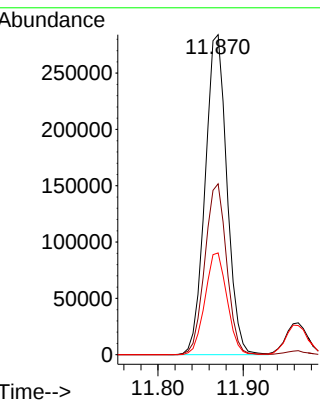
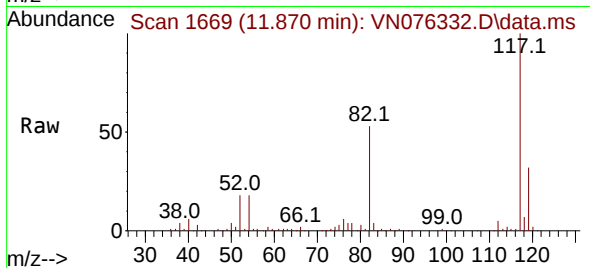
119 31.8 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :John Carbone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#64

Tetrachloroethene

Concen: 19.194 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN076332.D

Acq: 19 Jan 2023 18:55

Tgt Ion:164 Resp: 87494

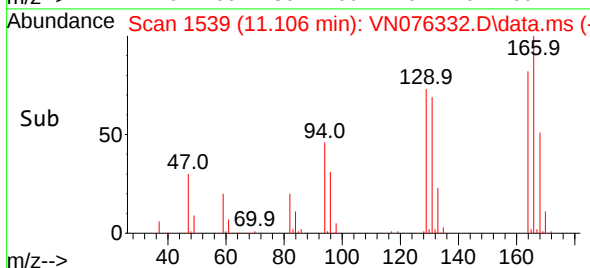
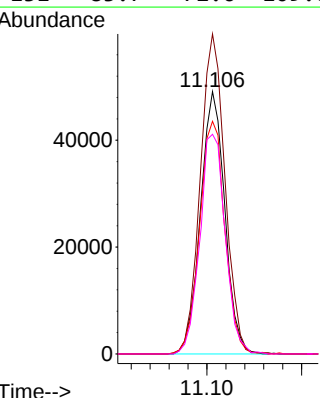
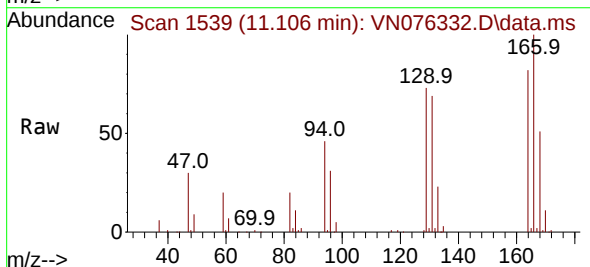
Ion Ratio Lower Upper

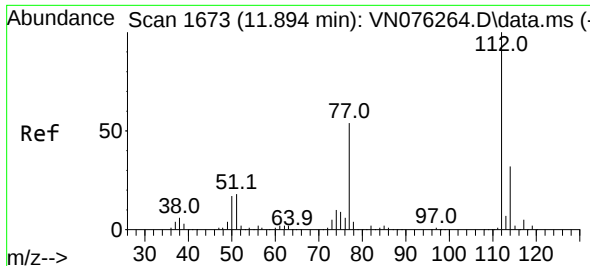
164 100

166 121.9 104.0 156.0

129 88.6 76.6 114.8

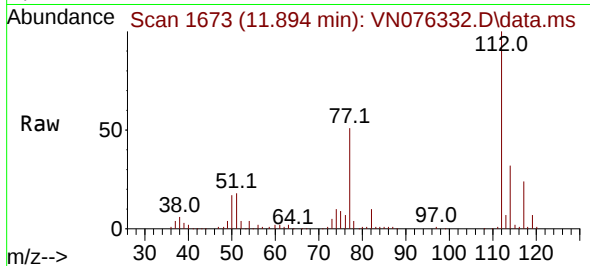
131 83.7 72.6 109.0





#65
Chlorobenzene
Concen: 18.840 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

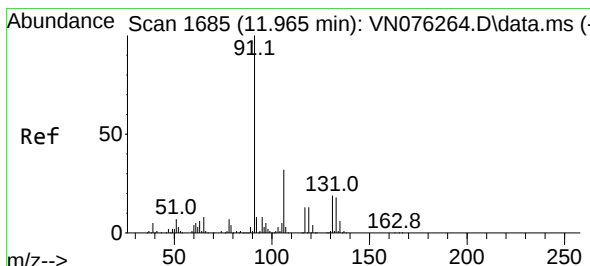
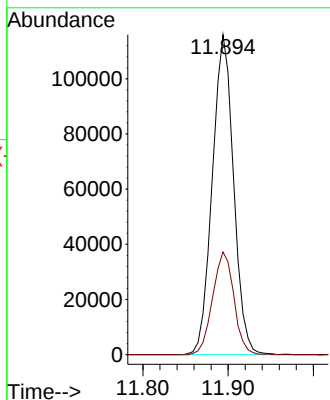
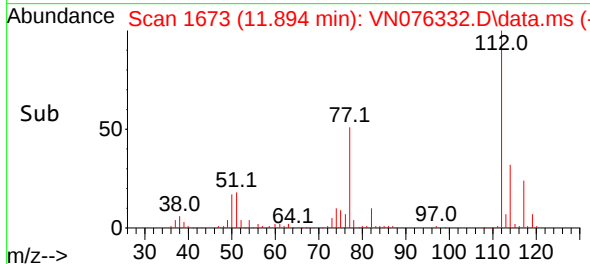
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01



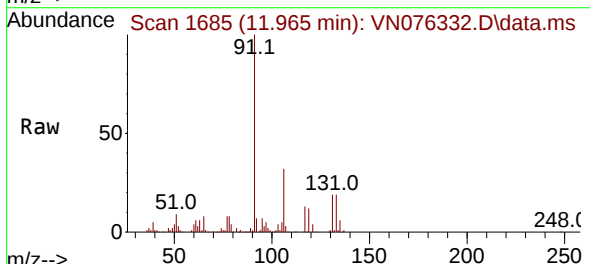
Tgt Ion:112 Resp: 201308
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9

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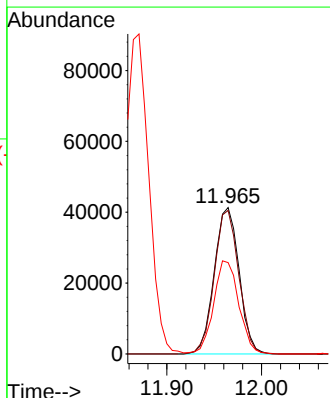
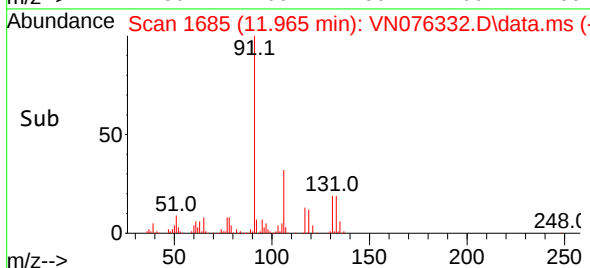
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

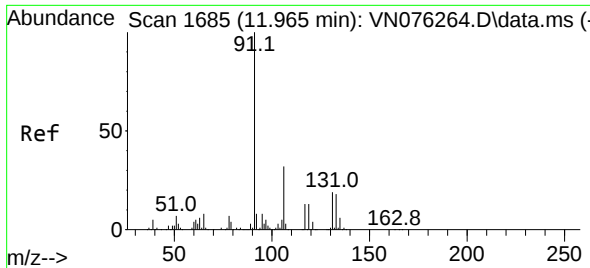


#66
1,1,1,2-Tetrachloroethane
Concen: 18.949 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55



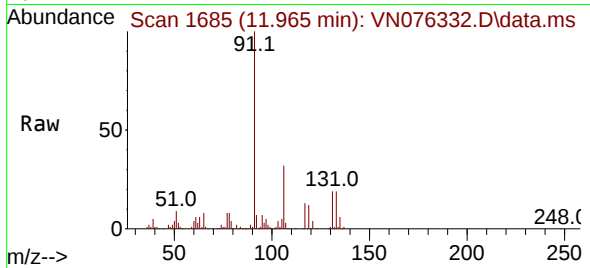
Tgt Ion:131 Resp: 75335
Ion Ratio Lower Upper
131 100
133 96.9 47.4 142.2
119 64.5 32.3 96.8





#67
Ethyl Benzene
Concen: 19.611 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

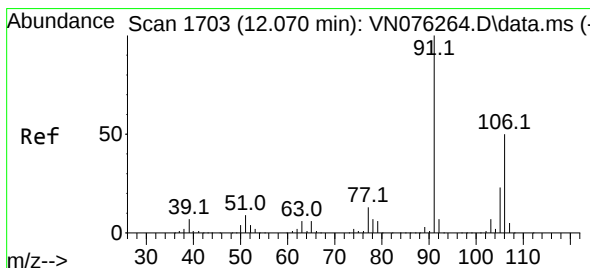
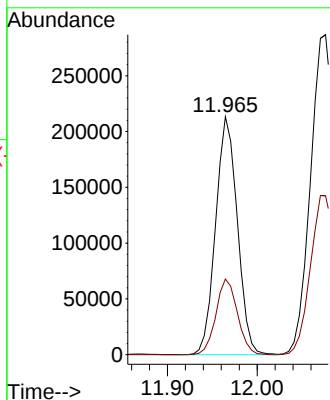
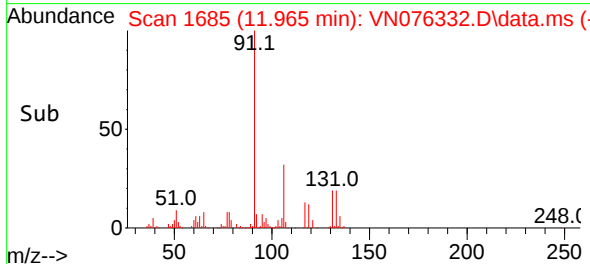
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01



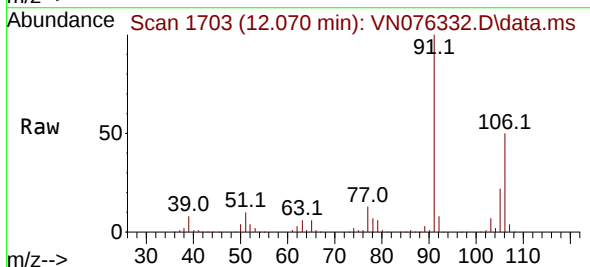
Tgt Ion: 91 Resp: 35863
Ion Ratio Lower Upper
91 100
106 31.8 25.5 38.3

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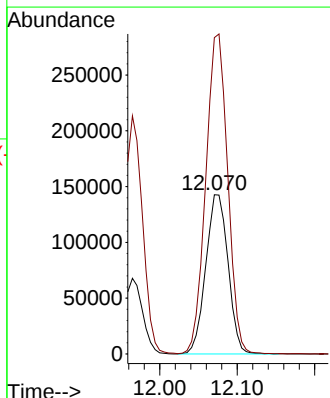
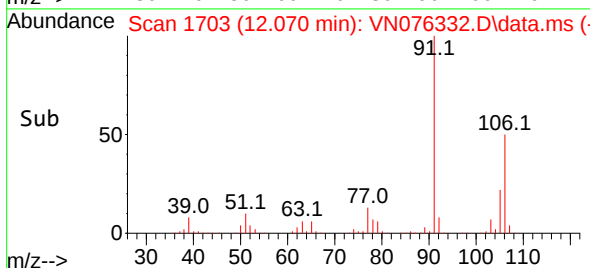
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

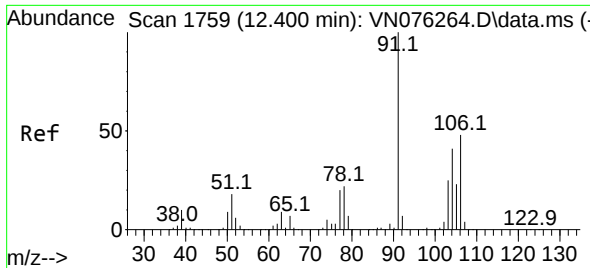


#68
m/p-Xylenes
Concen: 38.893 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55



Tgt Ion:106 Resp: 285202
Ion Ratio Lower Upper
106 100
91 198.1 157.5 236.3





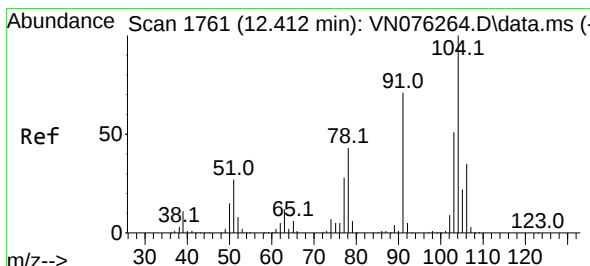
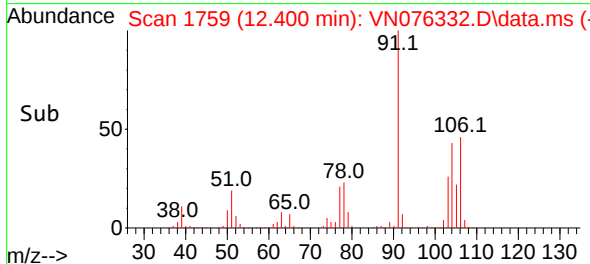
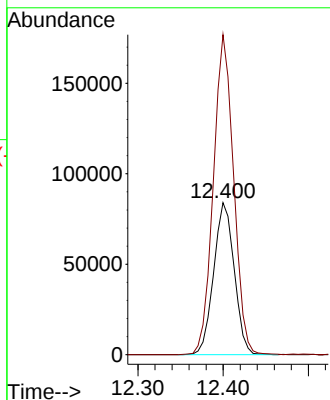
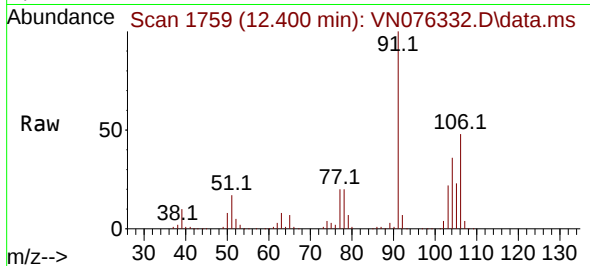
#69
o-Xylene
Concen: 19.571 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01

Tgt Ion:106 Resp: 140939
Ion Ratio Lower Upper
106 100
91 208.1 103.2 309.4

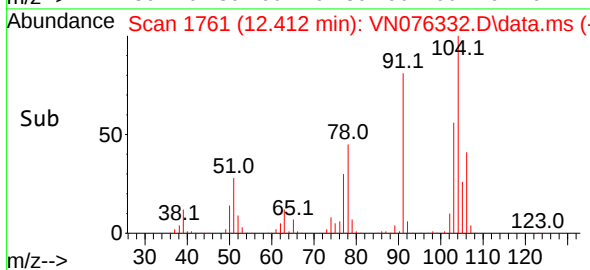
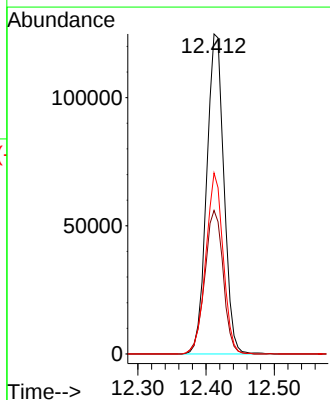
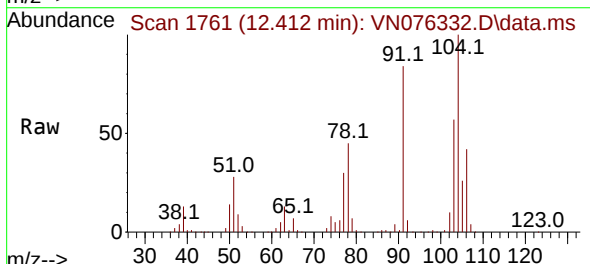
Manual Integrations
APPROVED

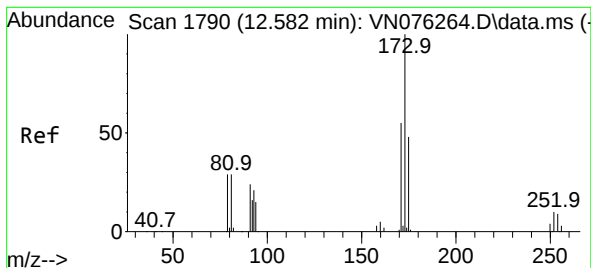
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#70
Styrene
Concen: 19.115 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

Tgt Ion:104 Resp: 219795
Ion Ratio Lower Upper
104 100
78 47.9 37.4 56.0
103 56.8 44.2 66.2





#71

Bromoform

Concen: 19.198 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VN076332.D

Acq: 19 Jan 2023 18:55

Instrument :

MSVOA_N

ClientSampleId :

VN0119MBS01

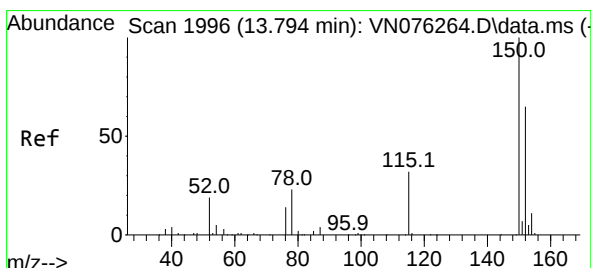
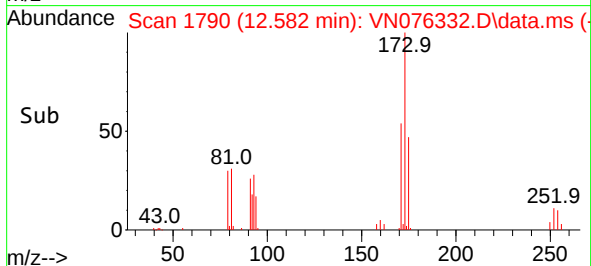
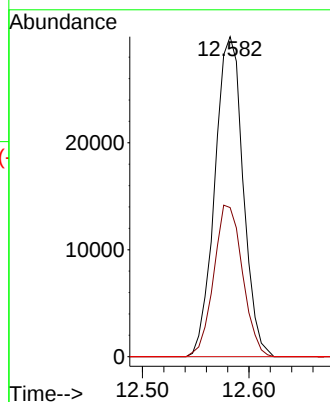
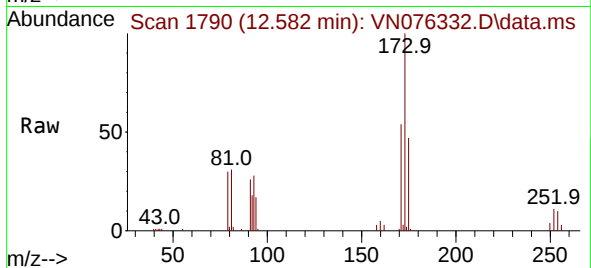
Tgt Ion:	173	Resp:	5511
Ion Ratio	Lower	Upper	
173	100		
175	48.2	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

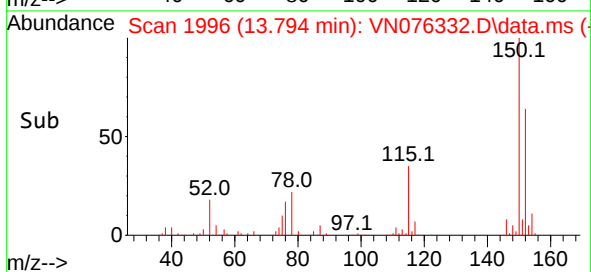
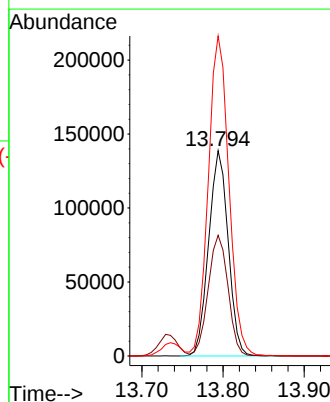
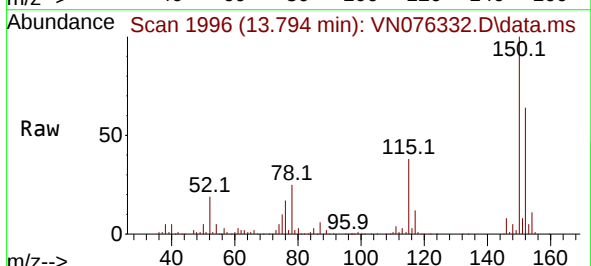
RT: 13.794 min Scan# 1996

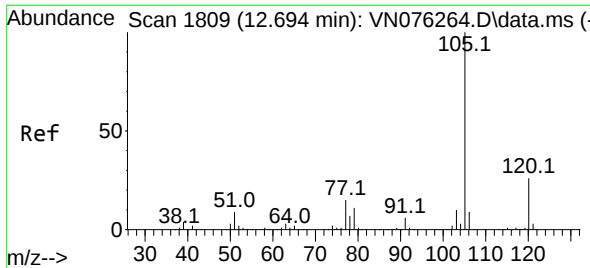
Delta R.T. -0.000 min

Lab File: VN076332.D

Acq: 19 Jan 2023 18:55

Tgt Ion:	152	Resp:	231521
Ion Ratio	Lower	Upper	
152	100		
115	59.6	29.6	88.9
150	164.3	0.0	351.4





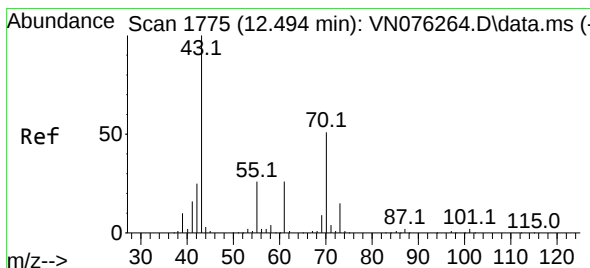
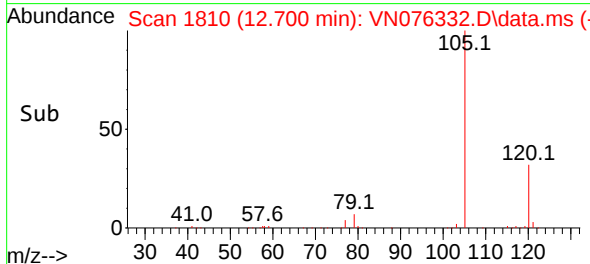
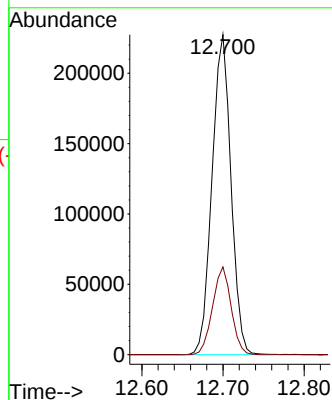
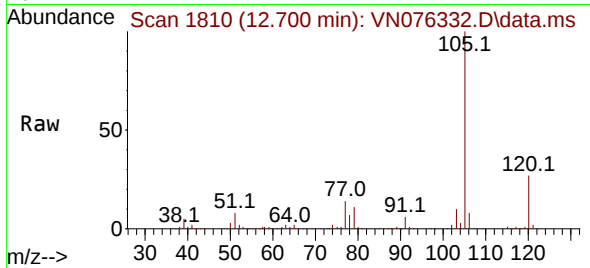
#73
Isopropylbenzene
Concen: 20.565 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01

Tgt Ion:105 Resp: 36833
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.1

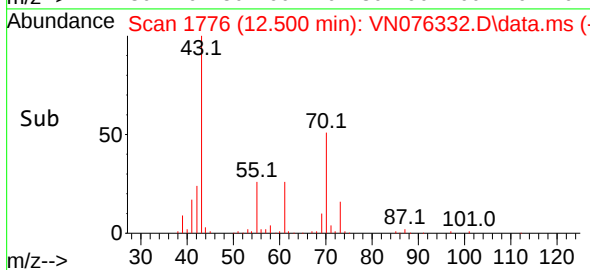
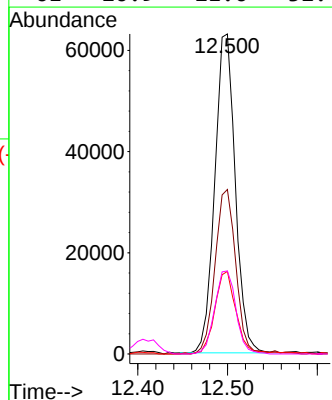
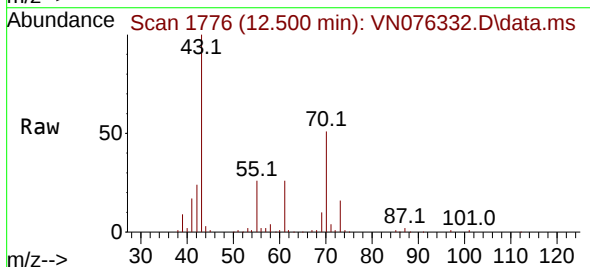
Manual Integrations
APPROVED

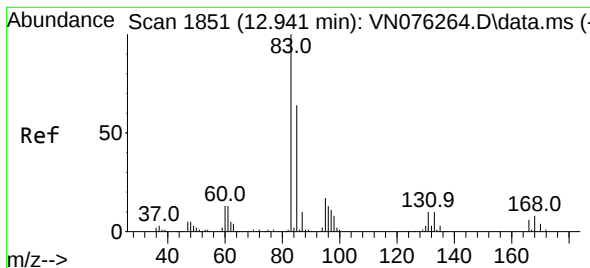
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#74
N-ethyl acetate
Concen: 19.420 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

Tgt Ion: 43 Resp: 100050
Ion Ratio Lower Upper
43 100
70 52.1 41.2 61.8
55 27.0 21.0 31.6
61 26.9 21.6 32.4





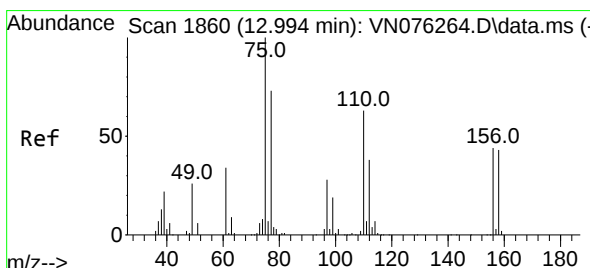
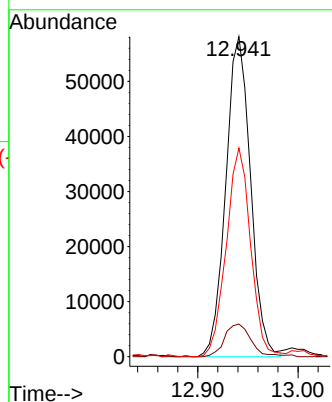
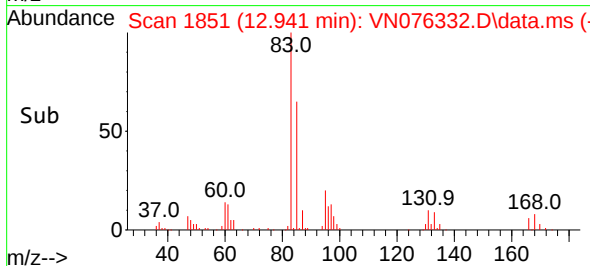
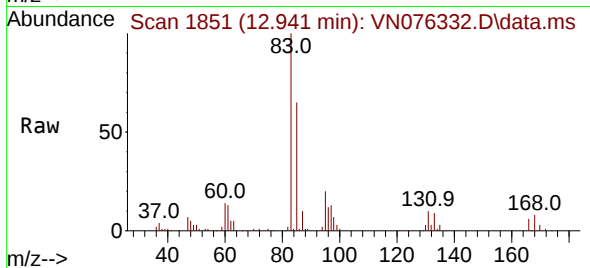
#75
1,1,2,2-Tetrachloroethane
Concen: 19.348 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01

Tgt Ion: 83 Resp: 99618
Ion Ratio Lower Upper
83 100
131 11.0 5.5 16.4
85 64.2 31.7 95.1

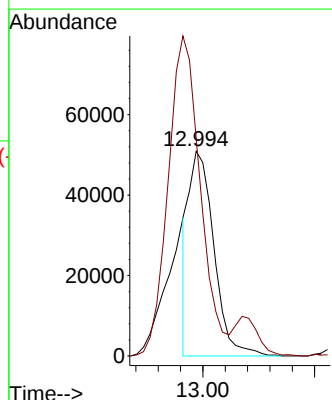
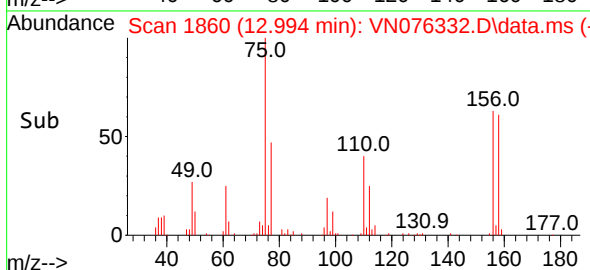
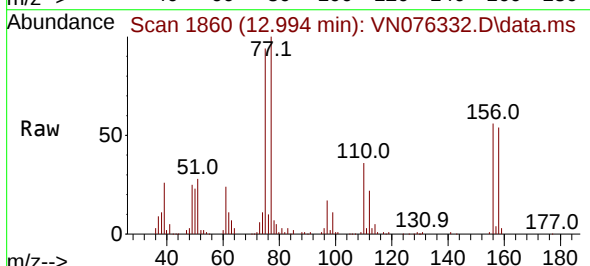
Manual Integrations
APPROVED

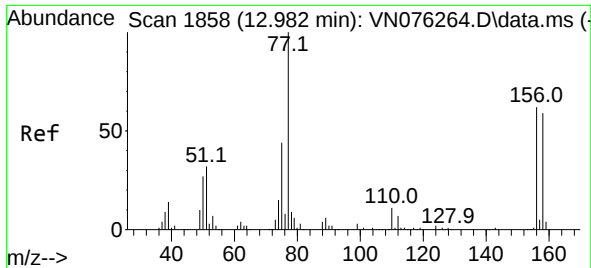
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#76
1,2,3-Trichloropropane
Concen: 18.221 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

Tgt Ion: 75 Resp: 79390
Ion Ratio Lower Upper
75 100
77 200.4 75.2 225.6





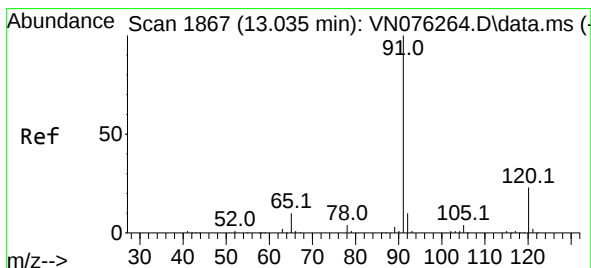
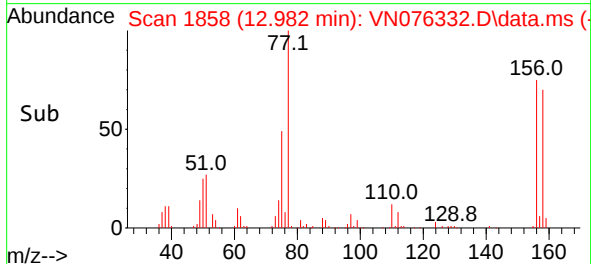
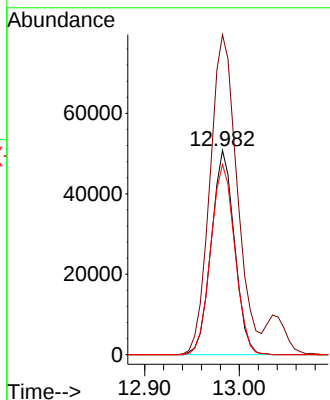
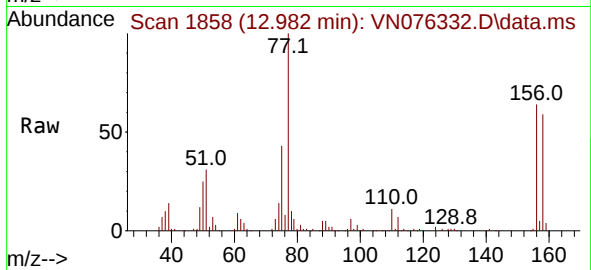
#77
Bromobenzene
Concen: 20.321 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01

Tgt Ion:156 Resp: 8648
Ion Ratio Lower Upper
156 100
77 183.9 93.4 280.2
158 96.7 48.4 145.2

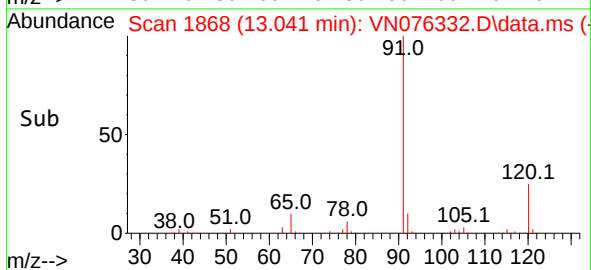
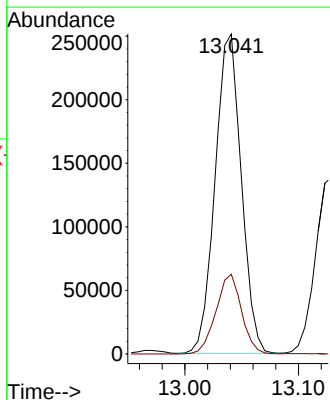
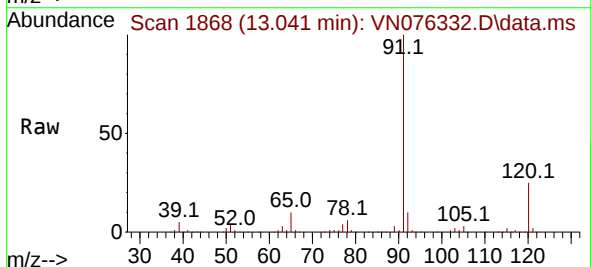
Manual Integrations
APPROVED

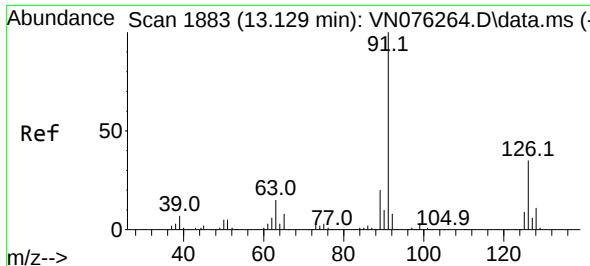
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#78
n-propylbenzene
Concen: 19.899 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

Tgt Ion: 91 Resp: 402143
Ion Ratio Lower Upper
91 100
120 24.3 11.9 35.5





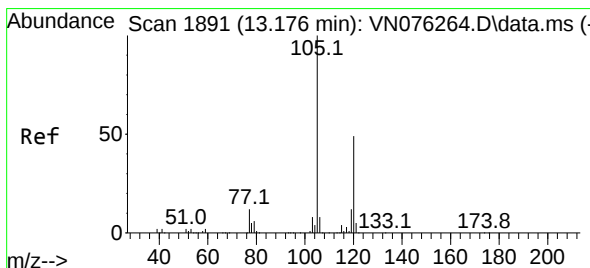
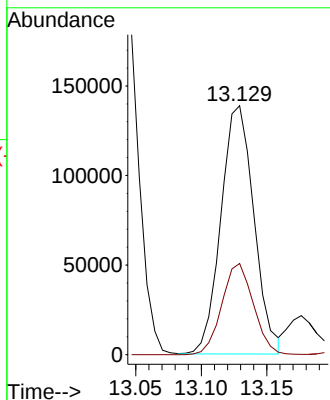
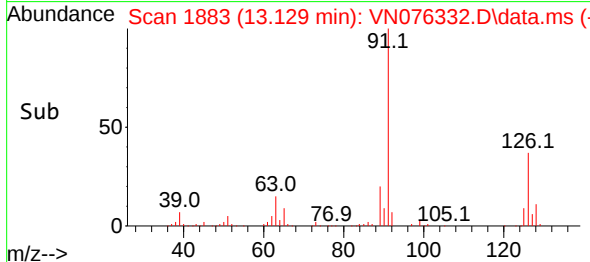
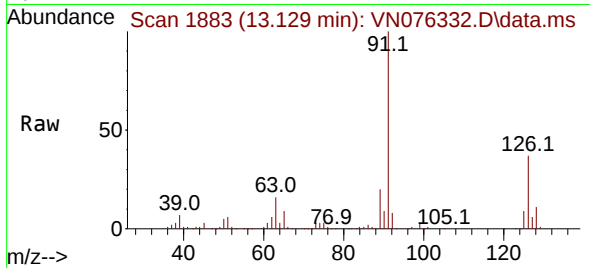
#79
2-Chlorotoluene
Concen: 19.599 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01

Tgt Ion: 91 Resp: 243052
Ion Ratio Lower Upper
91 100
126 35.1 17.4 52.2

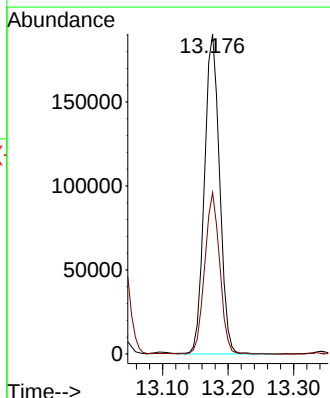
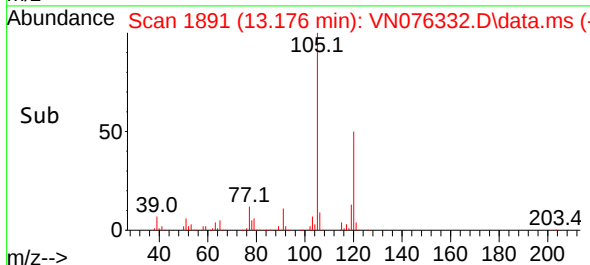
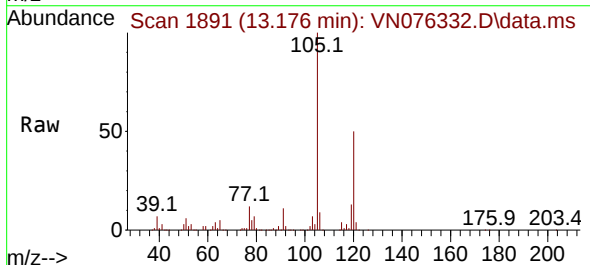
Manual Integrations
APPROVED

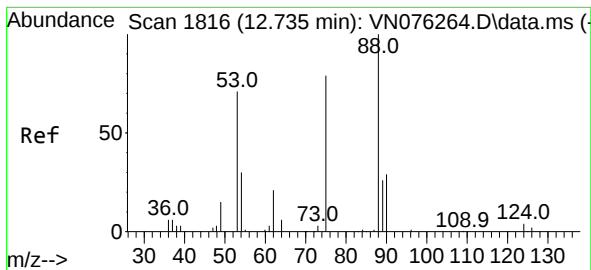
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.424 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

Tgt Ion:105 Resp: 306451
Ion Ratio Lower Upper
105 100
120 49.9 25.0 75.0





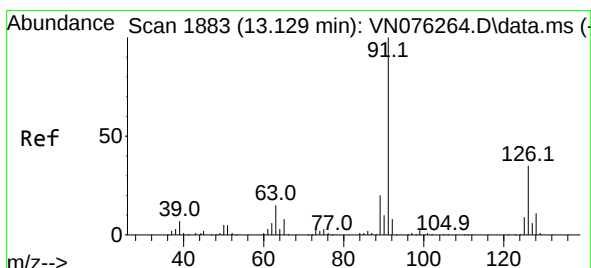
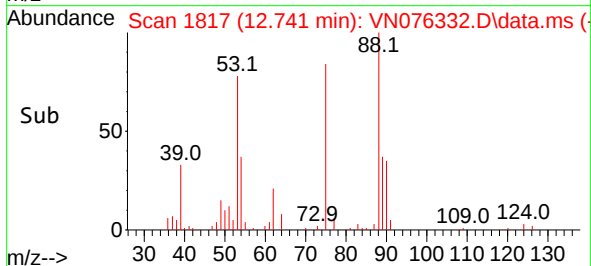
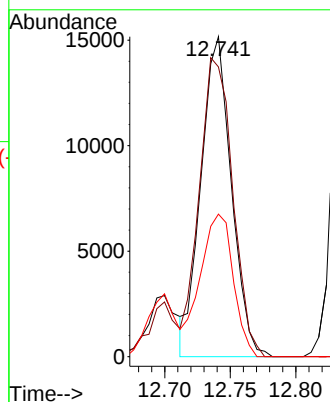
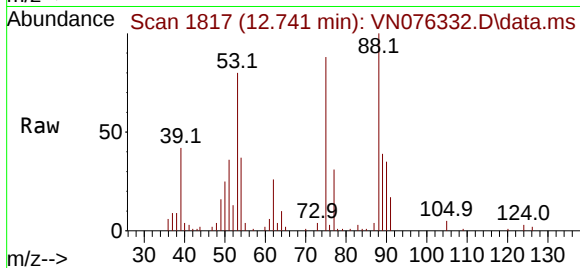
#81
trans-1,4-Dichloro-2-butene
Concen: 17.535 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01

Tgt Ion: 75 Resp: 24400
Ion Ratio Lower Upper
75 100
53 102.9 75.8 113.8
89 48.8 37.0 55.6

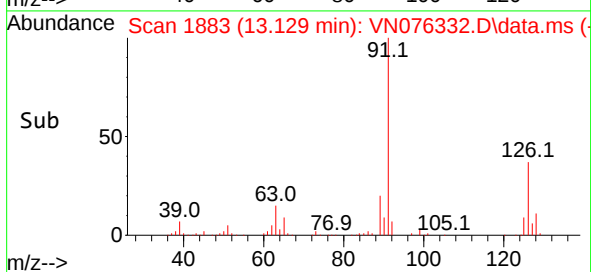
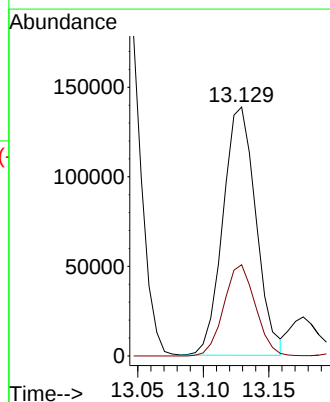
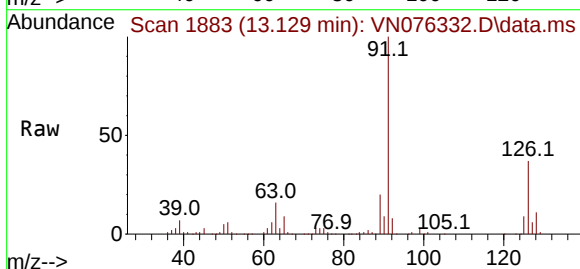
Manual Integrations
APPROVED

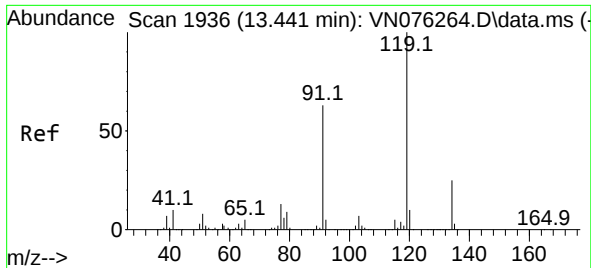
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#82
4-Chlorotoluene
Concen: 19.599 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

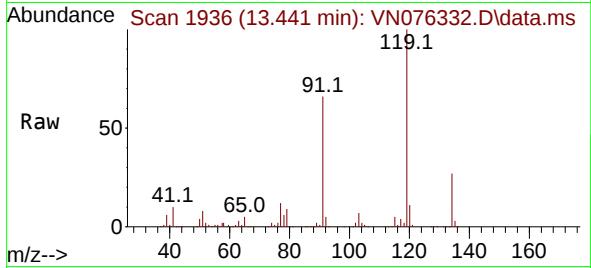
Tgt Ion: 91 Resp: 243052
Ion Ratio Lower Upper
91 100
126 35.1 17.4 52.2





#83
tert-Butylbenzene
Concen: 20.968 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

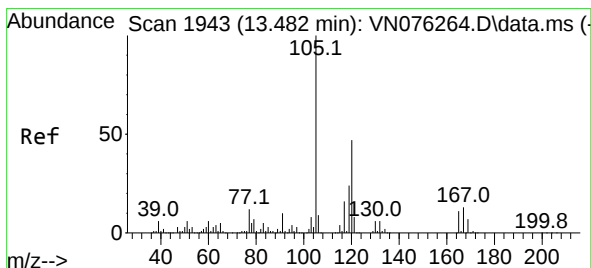
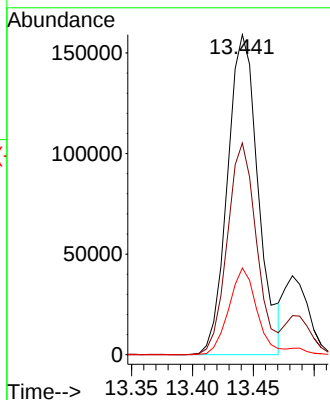
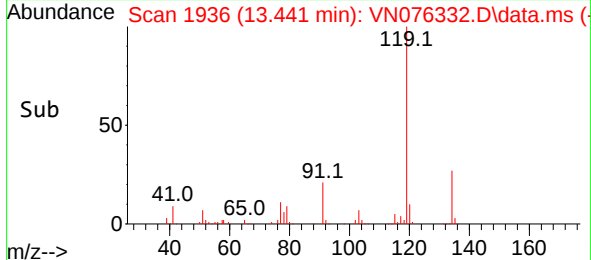
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01



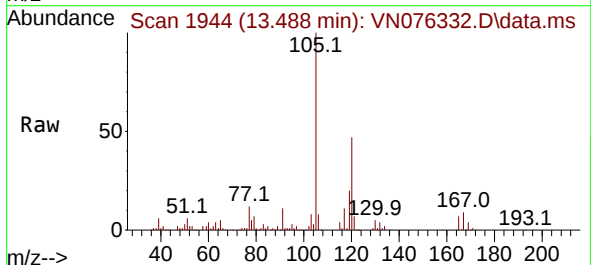
Tgt Ion:119 Resp: 279819
Ion Ratio Lower Upper
119 100
91 63.0 32.2 96.6
134 25.9 13.6 40.8

Manual Integrations
APPROVED

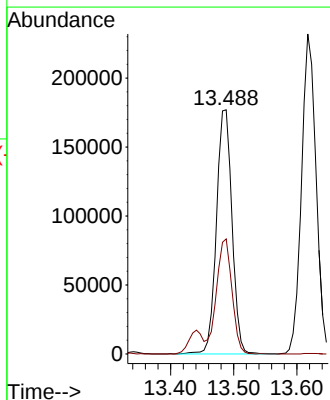
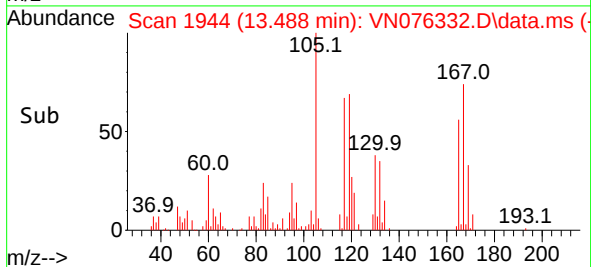
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

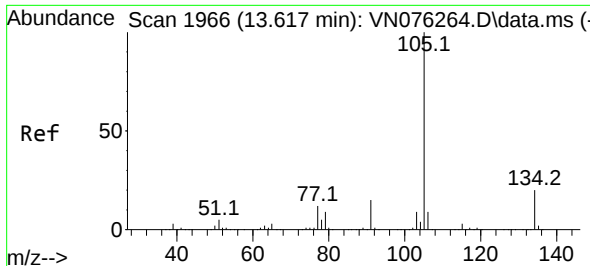


#84
1,2,4-Trimethylbenzene
Concen: 20.117 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55



Tgt Ion:105 Resp: 302678
Ion Ratio Lower Upper
105 100
120 47.3 22.9 68.5





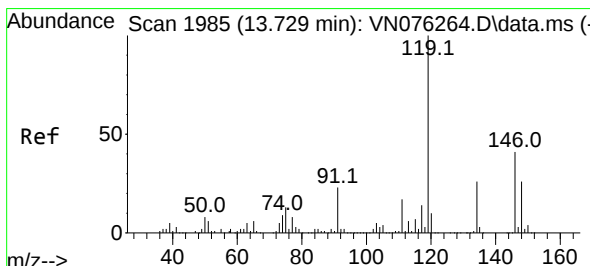
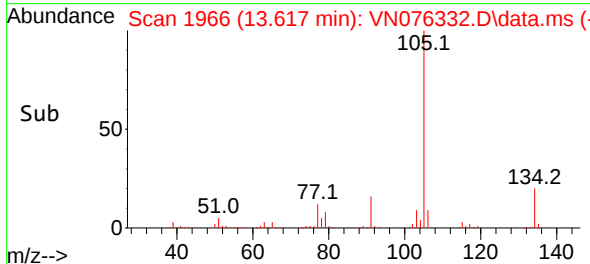
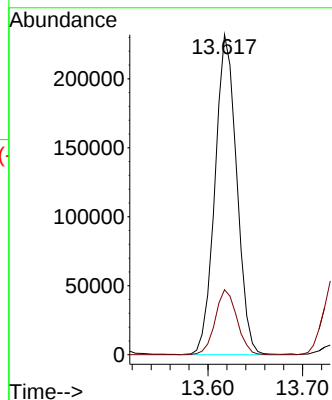
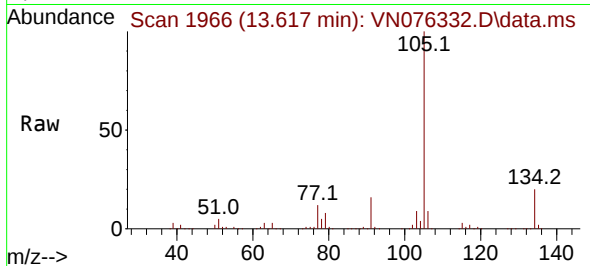
#85
 sec-Butylbenzene
 Concen: 19.997 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076332.D
 Acq: 19 Jan 2023 18:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0119MBS01

Tgt Ion:105 Resp: 370309
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.3 30.8

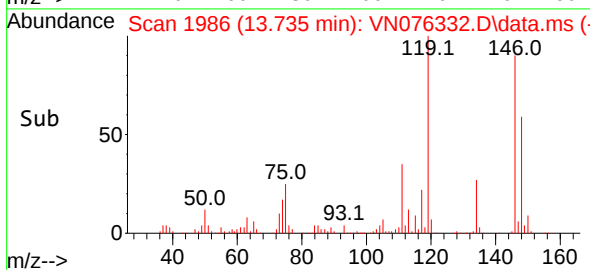
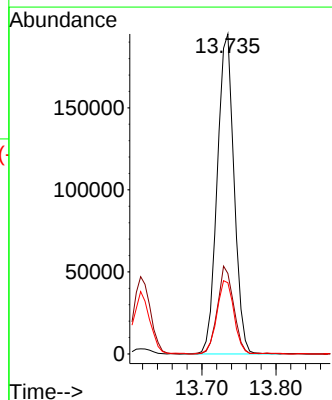
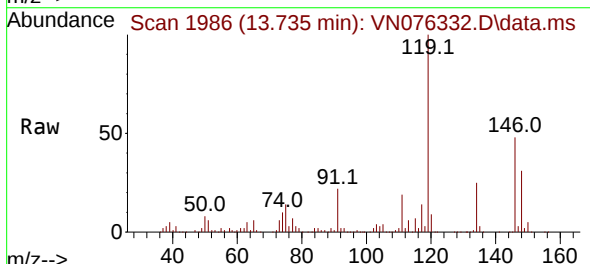
Manual Integrations
 APPROVED

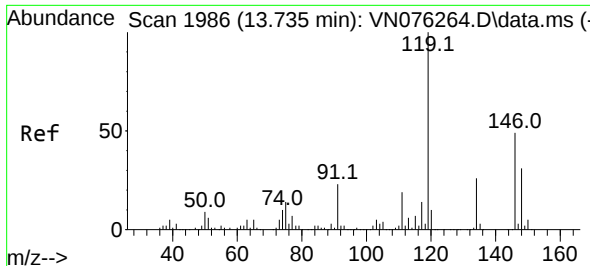
Reviewed By :John Carlone 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023



#86
 p-Isopropyltoluene
 Concen: 20.186 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN076332.D
 Acq: 19 Jan 2023 18:55

Tgt Ion:119 Resp: 307388
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.6
 91 23.4 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 18.430 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN076332.D

Acq: 19 Jan 2023 18:55

Instrument :

MSVOA_N

ClientSampleId :

VN0119MBS01

Tgt Ion:146 Resp: 155586

Ion Ratio Lower Upper

146 100

111 39.5 19.9 59.7

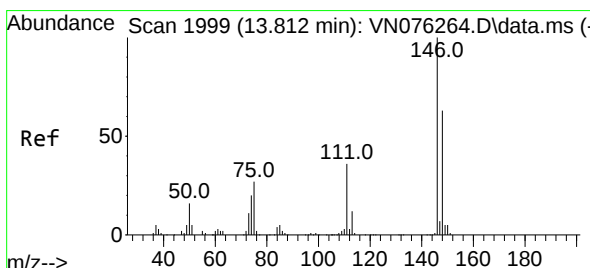
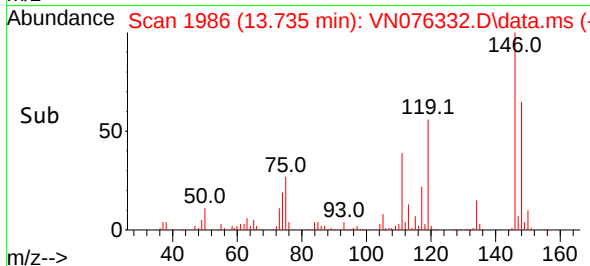
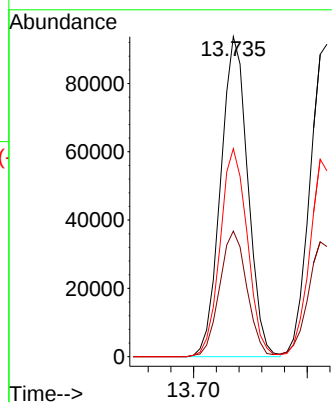
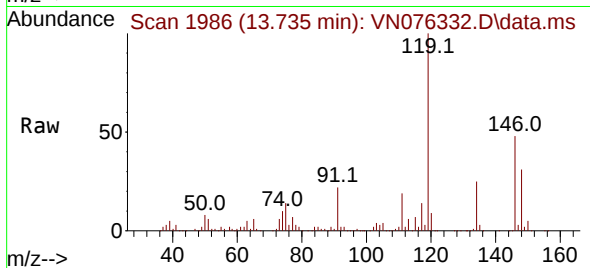
148 65.1 31.6 94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#88

1,4-Dichlorobenzene

Concen: 19.222 ug/l

RT: 13.817 min Scan# 2000

Delta R.T. 0.005 min

Lab File: VN076332.D

Acq: 19 Jan 2023 18:55

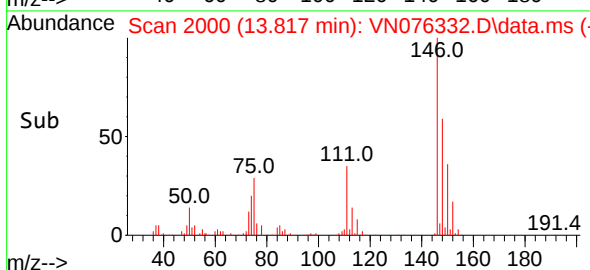
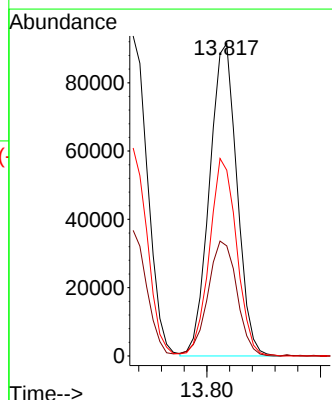
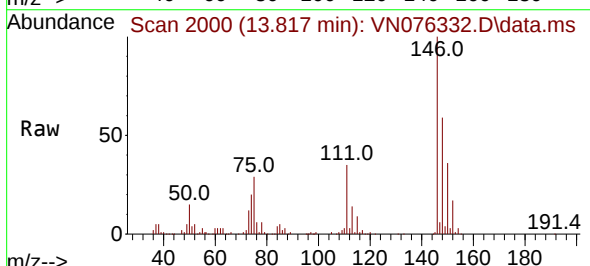
Tgt Ion:146 Resp: 153857

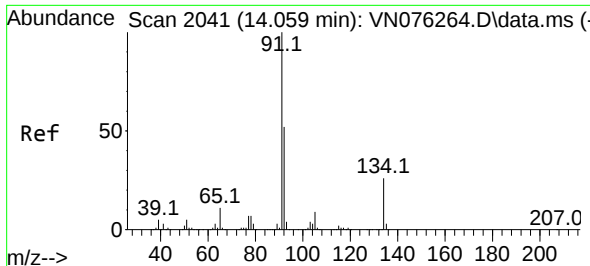
Ion Ratio Lower Upper

146 100

111 39.1 19.1 57.5

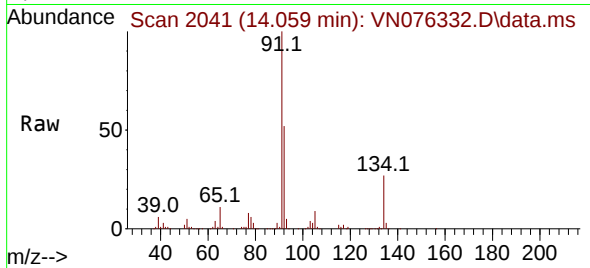
148 62.6 31.9 95.9





#89
n-Butylbenzene
Concen: 19.321 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

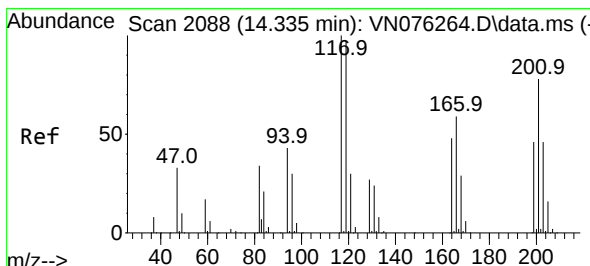
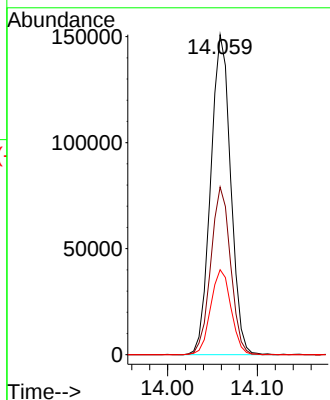
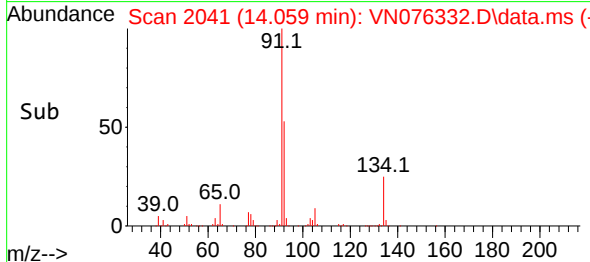
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01



Tgt Ion: 91 Resp: 233550
Ion Ratio Lower Upper
91 100
92 51.8 26.3 78.9
134 27.0 13.2 39.5

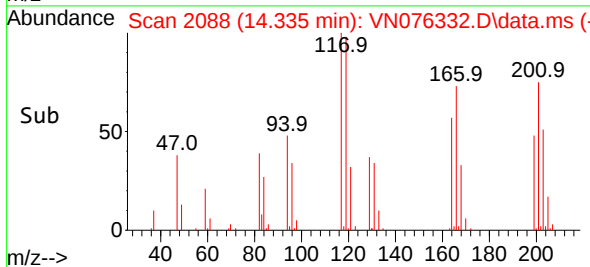
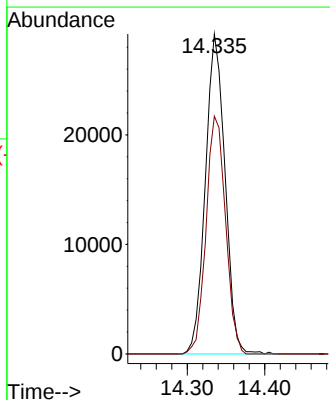
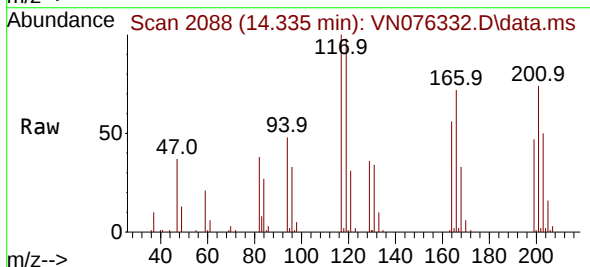
Manual Integrations
APPROVED

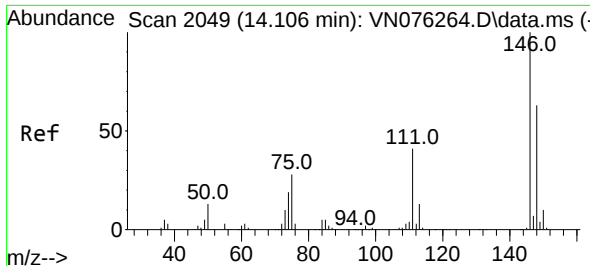
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#90
Hexachloroethane
Concen: 19.540 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

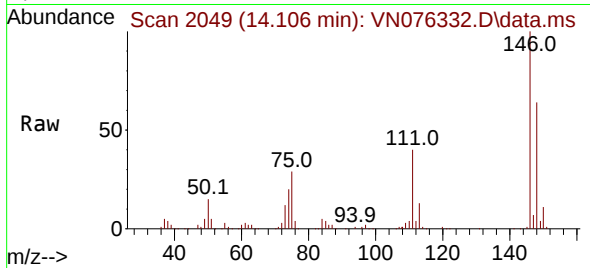
Tgt Ion:117 Resp: 51354
Ion Ratio Lower Upper
117 100
201 73.7 37.3 111.9





#91
1,2-Dichlorobenzene
Concen: 18.770 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55

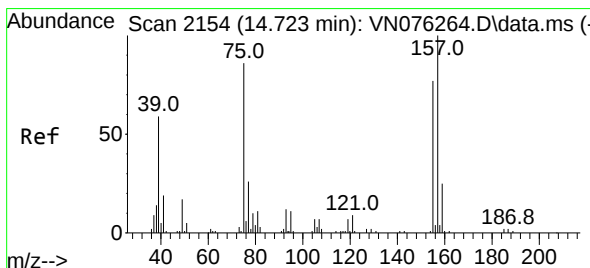
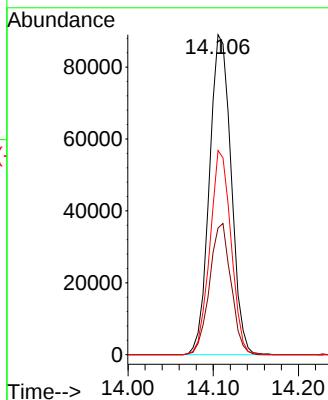
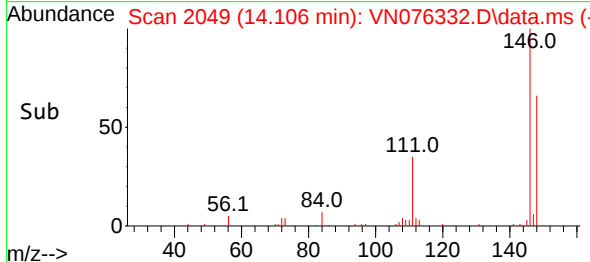
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01



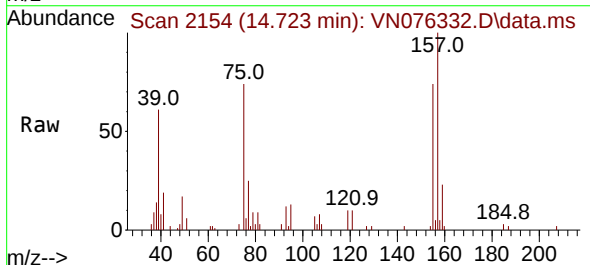
Tgt Ion:146 Resp: 15781
Ion Ratio Lower Upper
146 100
111 40.5 20.3 60.8
148 61.9 31.8 95.4

Manual Integrations
APPROVED

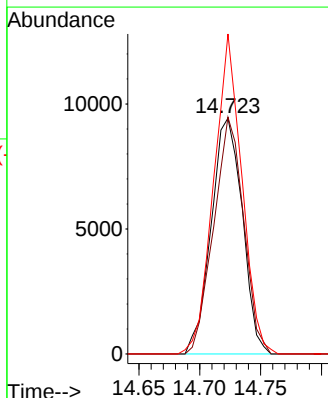
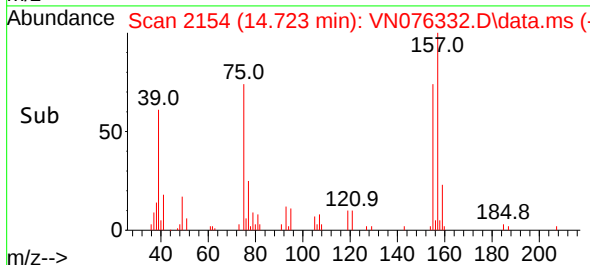
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

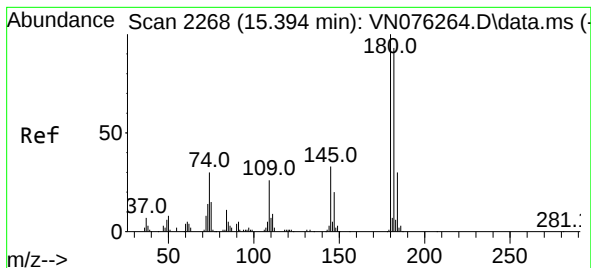


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.722 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076332.D
Acq: 19 Jan 2023 18:55



Tgt Ion: 75 Resp: 16756
Ion Ratio Lower Upper
75 100
155 96.4 45.0 135.0
157 122.1 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 18.783 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN076332.D

Acq: 19 Jan 2023 18:55

Instrument :

MSVOA_N

ClientSampleId :

VN0119MBS01

Tgt Ion:180 Resp: 7291

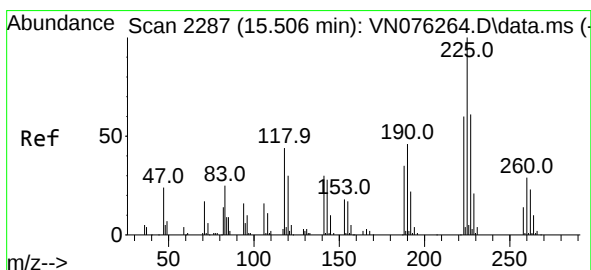
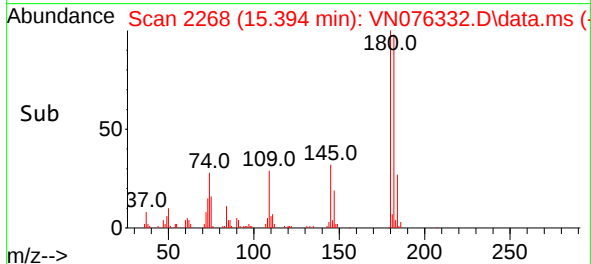
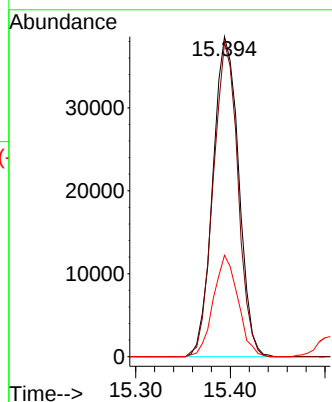
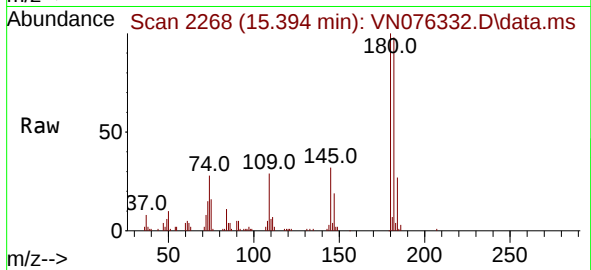
Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.0	141.2
145	30.4	15.2	45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#94

Hexachlorobutadiene

Concen: 17.842 ug/l

RT: 15.506 min Scan# 2287

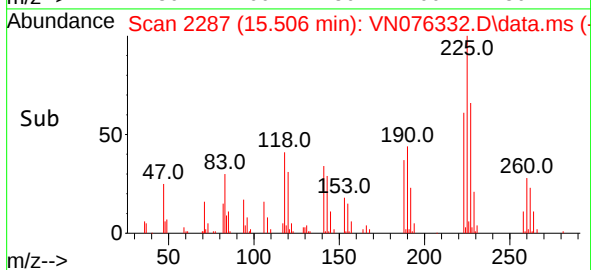
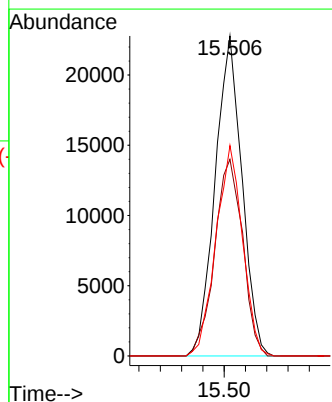
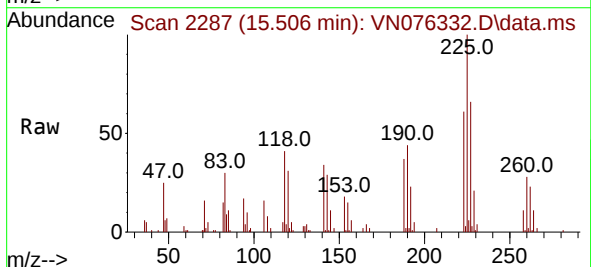
Delta R.T. -0.001 min

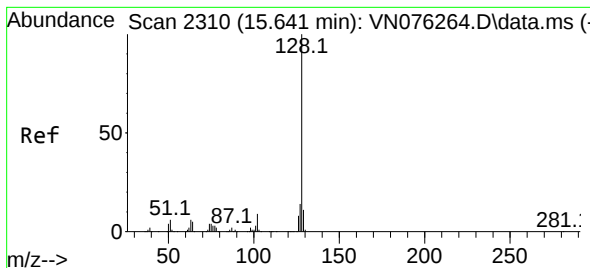
Lab File: VN076332.D

Acq: 19 Jan 2023 18:55

Tgt Ion:225 Resp: 39809

Ion	Ratio	Lower	Upper
225	100		
223	64.0	30.8	92.3
227	65.3	30.9	92.8





#95

Naphthalene

Concen: 18.641 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN076332.D

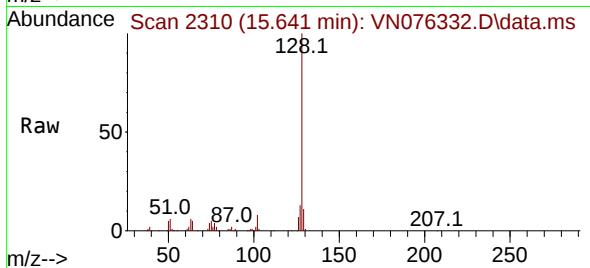
Acq: 19 Jan 2023 18:55

Instrument :

MSVOA_N

ClientSampleId :

VN0119MBS01



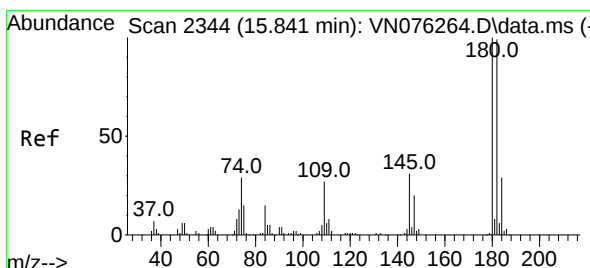
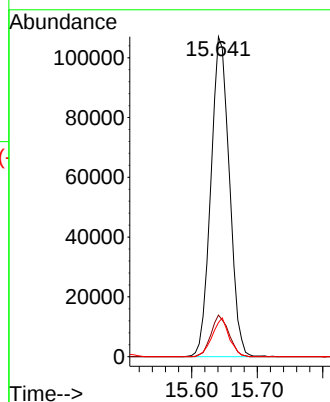
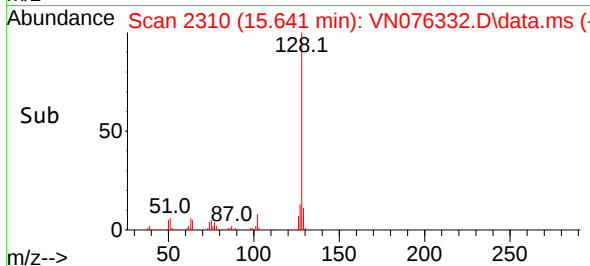
Tgt Ion:	128	Resp:	209834
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.3	15.5
129	11.1	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#96

1,2,3-Trichlorobenzene

Concen: 18.479 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN076332.D

Acq: 19 Jan 2023 18:55

Tgt Ion:	180	Resp:	68678
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.5	142.5
145	32.2	15.9	47.6

