

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040221\
 Data File : VN066472.D
 Acq On : 2 Apr 2021 17:04
 Operator : JC/MD
 Sample : M1886-05
 Misc : 3.14g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 124018-A

Quant Time: Apr 03 03:24:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 01 14:08:22 2021
 Response via : Initial Calibration

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

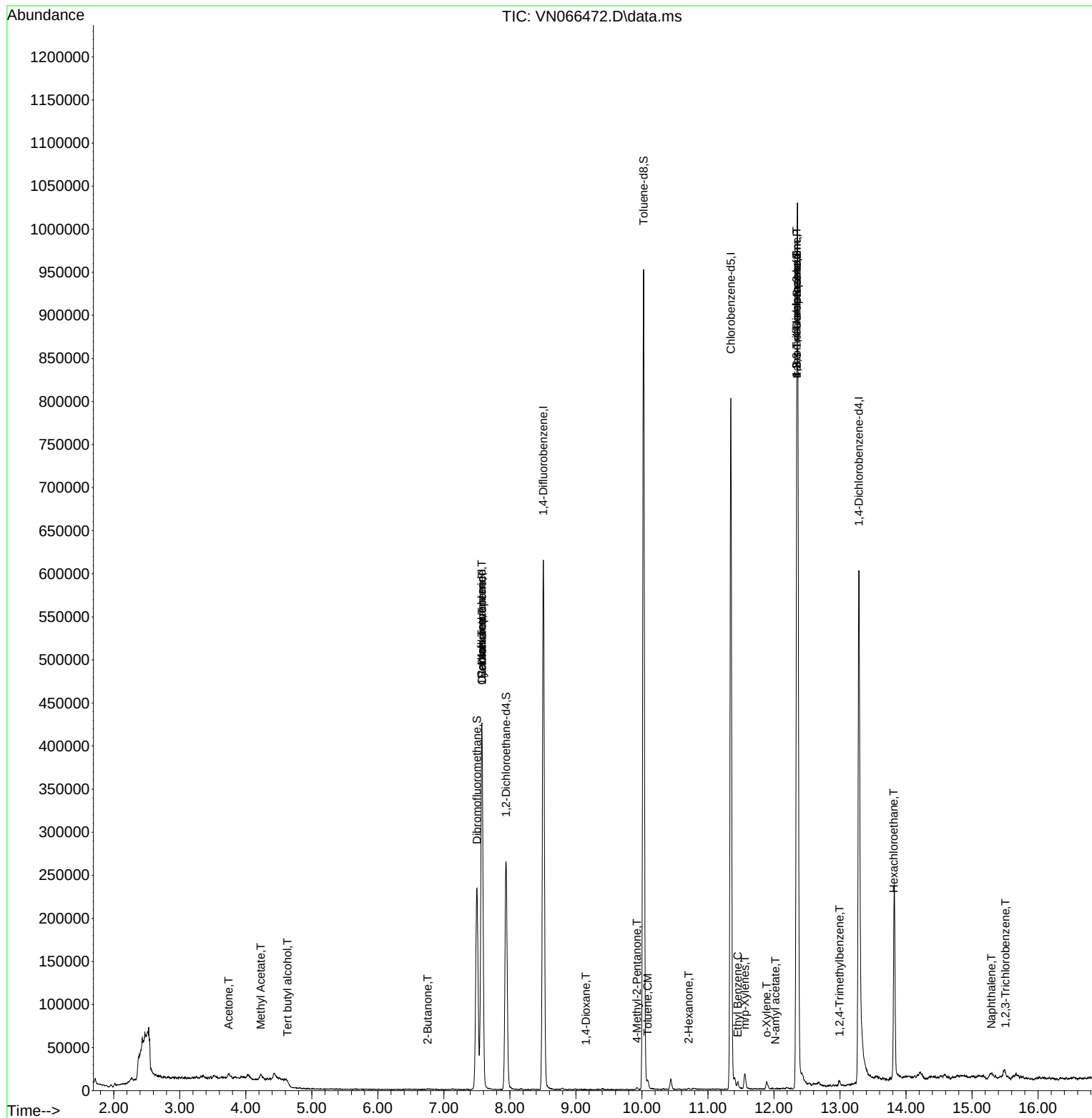
Internal Standards						
1) Pentafluorobenzene	7.576	168	358704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.507	114	540775	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	450026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	212098	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.941	65	222152	46.59	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.18%		
35) Dibromofluoromethane	7.501	113	176858	49.33	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.66%		
50) Toluene-d8	10.025	98	645392	47.46	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.92%		
62) 4-Bromofluorobenzene	12.345	95	186991	39.59	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	79.18%#		
Target Compounds					Qvalue	
3) Chloromethane	2.017	50	2726	Below Cal	#	83
11) Tert butyl alcohol	4.632	59	3451	4.75 ug/l	#	89
13) Acrolein	3.519	56	3157	Below Cal		92
16) Acetone	3.739	43	5502	2.14 ug/l		100
18) Methyl Acetate	4.229	43	10603	1.58 ug/l		97
20) Methylene Chloride	4.428	84	2176	Below Cal	#	85
25) 2-Butanone	6.756	43	636	0.23 ug/l	#	49
31) Cyclohexane	7.579	56	7118	1.08 ug/l	#	11
36) 1,1-Dichloropropene	7.579	75	25901	5.10 ug/l	#	48
38) Carbon Tetrachloride	7.576	117	32339	6.33 ug/l	#	16
49) 1,4-Dioxane	9.151	88	60	1.05 ug/l	#	1
51) 4-Methyl-2-Pentanone	9.926	43	1906	0.34 ug/l	#	71
52) Toluene	10.089	92	2389	0.25 ug/l		98
59) 2-Hexanone	10.709	43	901	0.23 ug/l		98
67) Ethyl Benzene	11.452	91	3816	0.23 ug/l	#	88
68) m/p-Xylenes	11.559	106	5665	0.92 ug/l		96
69) o-Xylene	11.886	106	1989	0.33 ug/l		92
71) Bromoform	12.348	173	1326	0.46 ug/l	#	1
74) N-amyl acetate	12.020	43	76	3.21 ug/l	#	53
76) 1,2,3-Trichloropropane	12.345	75	108423	23.30 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.345	75	108423	70.06 ug/l	#	14
84) 1,2,4-Trimethylbenzene	12.994	105	3973	0.32 ug/l		96
90) Hexachloroethane	13.815	117	547	0.24 ug/l	#	5
95) Naphthalene	15.292	128	7303	1.64 ug/l	#	71
96) 1,2,3-Trichlorobenzene	15.507	180	909	0.22 ug/l	#	57

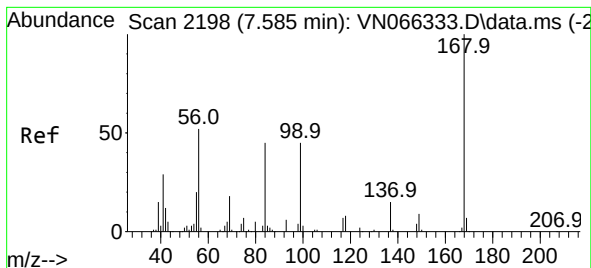
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040221\
Data File : VN066472.D
Acq On : 2 Apr 2021 17:04
Operator : JC/MD
Sample : M1886-05
Misc : 3.14g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
124018-A

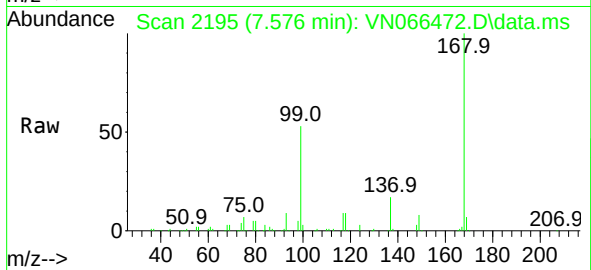
Quant Time: Apr 03 03:24:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 01 14:08:22 2021
Response via : Initial Calibration



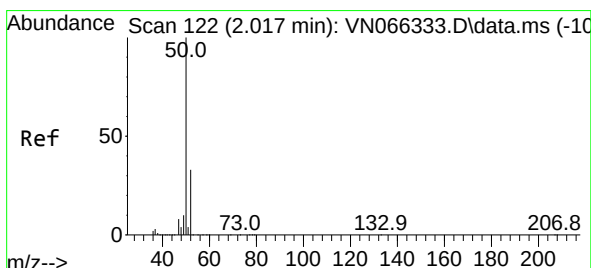
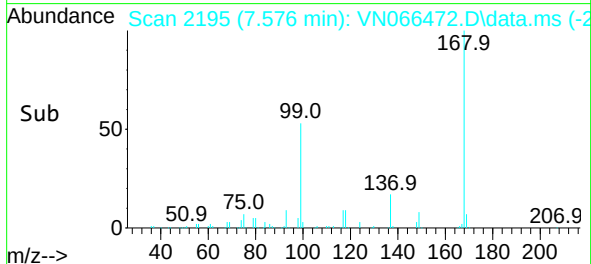
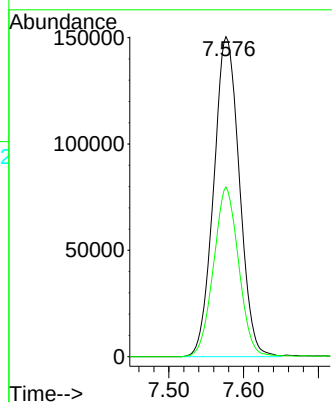


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.576 min Scan# 2195
Delta R.T. -0.003 min
Lab File: VN066472.D
Acq: 2 Apr 2021 17:04

Instrument :
MSVOA_N
ClientSampleId :
124018-A

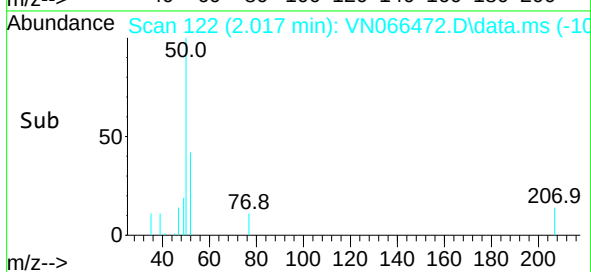
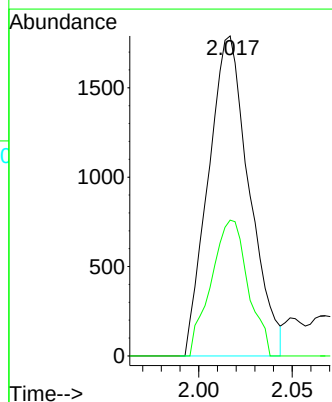
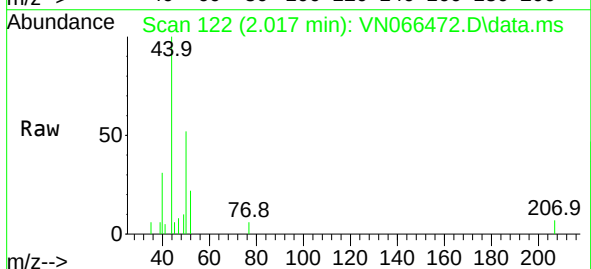


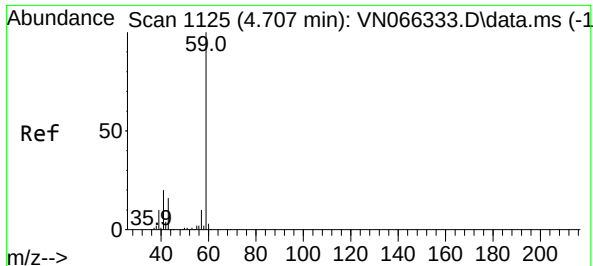
Tgt Ion:168 Resp: 358704
Ion Ratio Lower Upper
168 100
99 53.1 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.017 min Scan# 122
Delta R.T. -0.000 min
Lab File: VN066472.D
Acq: 2 Apr 2021 17:04

Tgt Ion: 50 Resp: 2726
Ion Ratio Lower Upper
50 100
52 42.5 26.2 39.2#



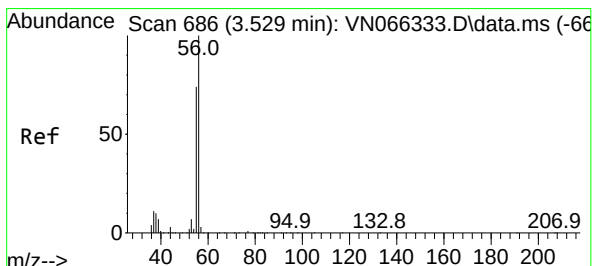
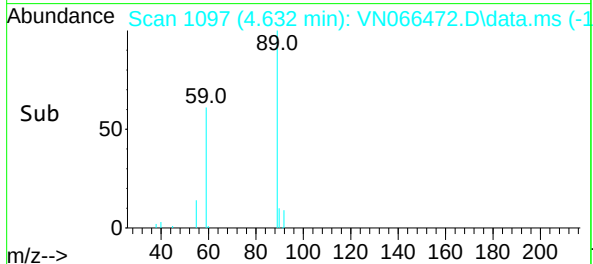
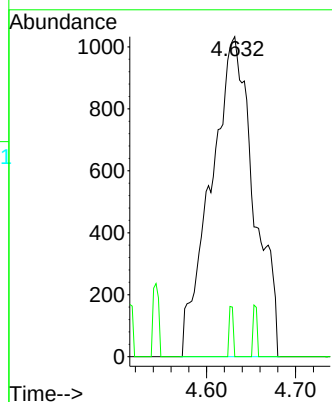
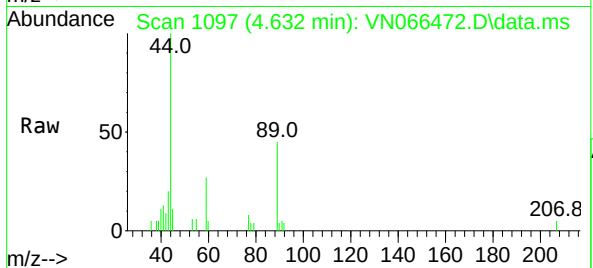


#11

Tert butyl alcohol
Concen: 4.75 ug/l
RT: 4.632 min Scan# 1097
Delta R.T. -0.070 min
Lab File: VN066472.D
Acq: 2 Apr 2021 17:04

Instrument :
MSVOA_N
ClientSampled :
124018-A

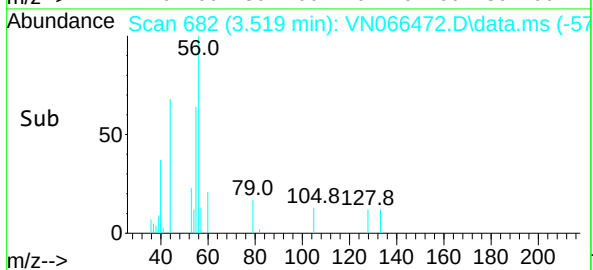
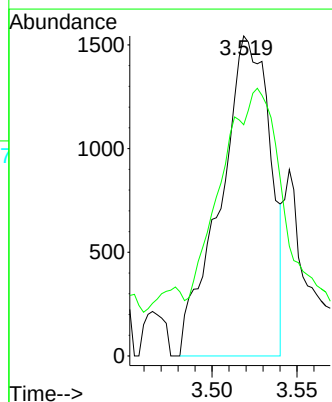
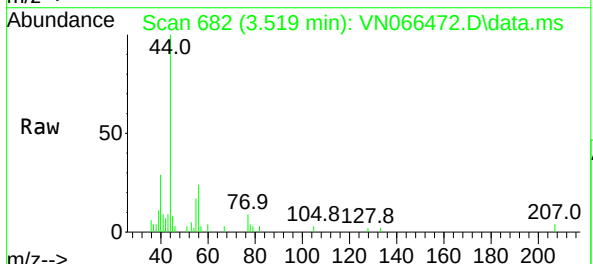
Tgt Ion: 59 Resp: 3451
Ion Ratio Lower Upper
59 100
57 1.5 4.1 6.1#

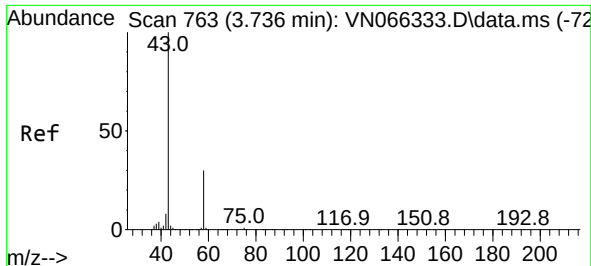


#13

Acrolein
Concen: Below Cal
RT: 3.519 min Scan# 682
Delta R.T. -0.008 min
Lab File: VN066472.D
Acq: 2 Apr 2021 17:04

Tgt Ion: 56 Resp: 3157
Ion Ratio Lower Upper
56 100
55 79.4 57.9 86.9

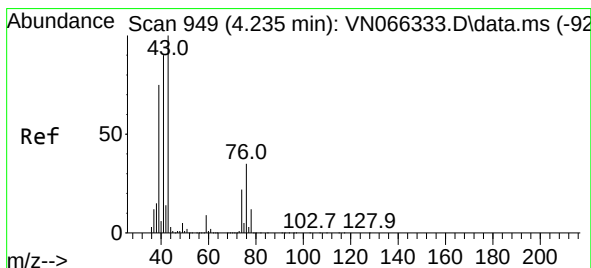
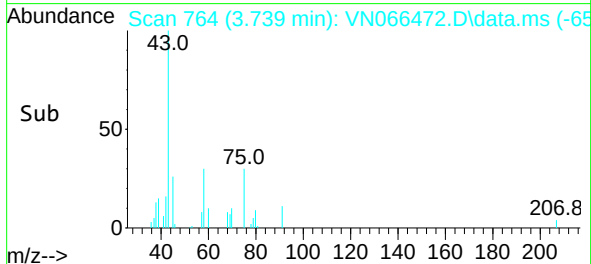
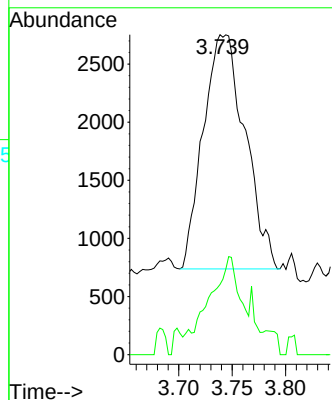
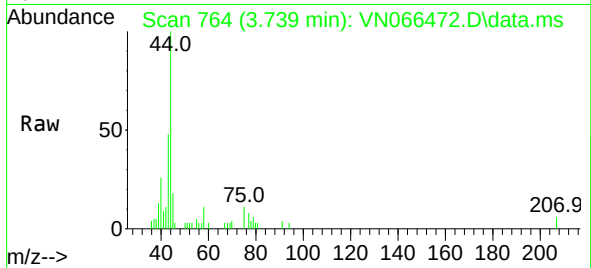




#16
Acetone
Concen: 2.14 ug/l
RT: 3.739 min Scan# 764
Delta R.T. 0.005 min
Lab File: VN066472.D
Acq: 2 Apr 2021 17:04

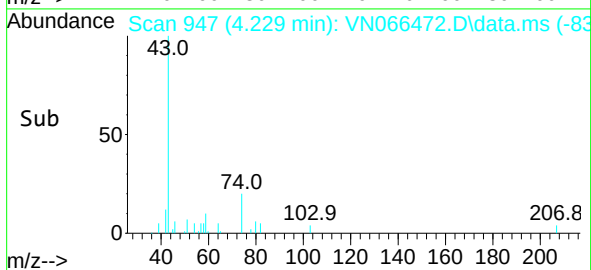
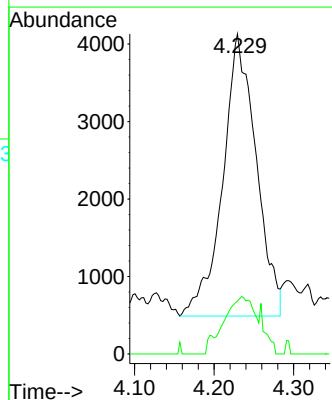
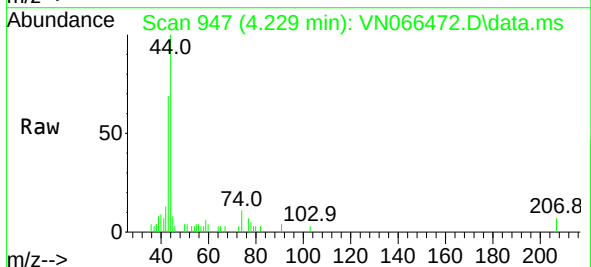
Instrument :
MSVOA_N
ClientSampleId :
124018-A

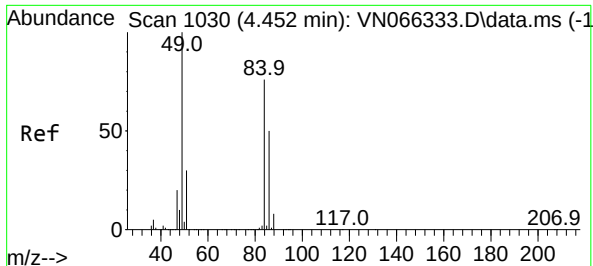
Tgt Ion: 43 Resp: 5502
Ion Ratio Lower Upper
43 100
58 30.0 23.8 35.8



#18
Methyl Acetate
Concen: 1.58 ug/l
RT: 4.229 min Scan# 947
Delta R.T. -0.000 min
Lab File: VN066472.D
Acq: 2 Apr 2021 17:04

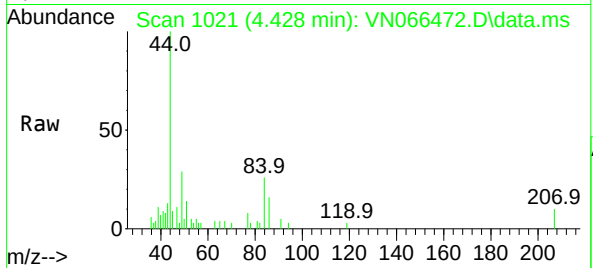
Tgt Ion: 43 Resp: 10603
Ion Ratio Lower Upper
43 100
74 20.4 17.6 26.4





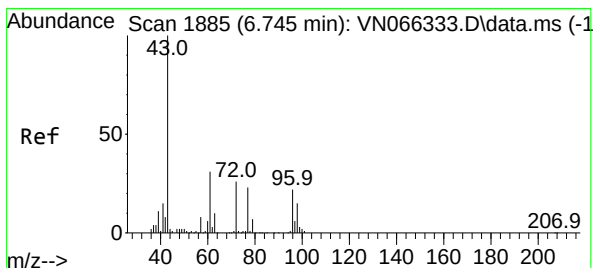
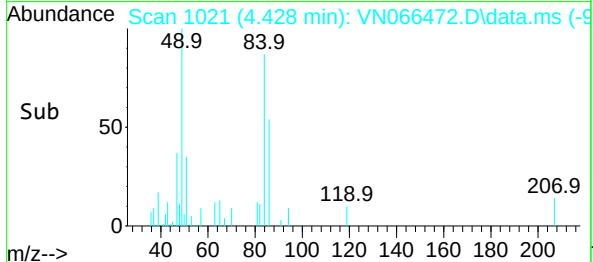
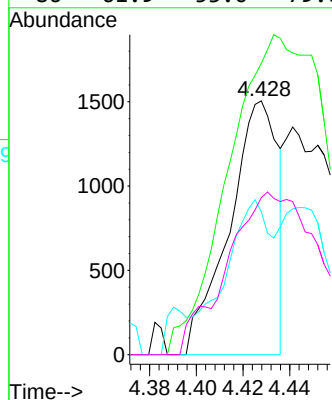
#20
Methylene Chloride
Concen: Below Cal
RT: 4.428 min Scan# 1021
Delta R.T. -0.019 min
Lab File: VN066472.D
Acq: 2 Apr 2021 17:04

Instrument :
MSVOA_N
ClientSampled :
124018-A



Tgt Ion: 84 Resp: 2176

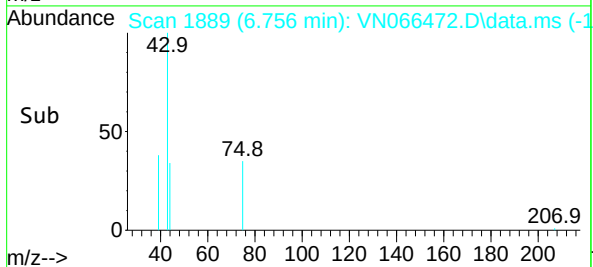
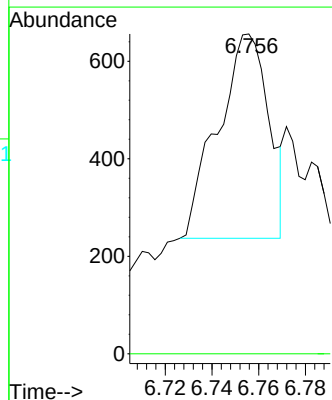
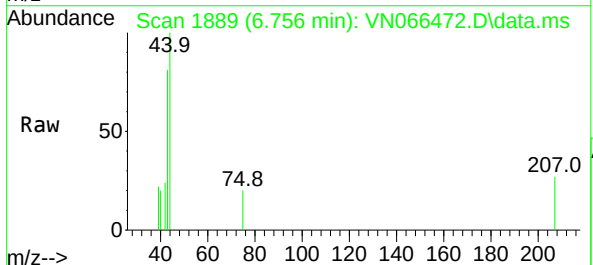
Ion	Ratio	Lower	Upper
84	100		
49	103.5	105.0	157.6#
51	39.2	31.6	47.4
86	61.9	53.0	79.6

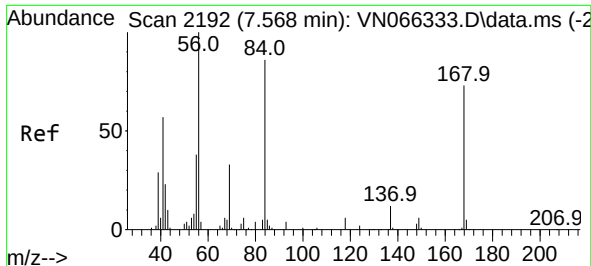


#25
2-Butanone
Concen: 0.23 ug/l
RT: 6.756 min Scan# 1889
Delta R.T. 0.016 min
Lab File: VN066472.D
Acq: 2 Apr 2021 17:04

Tgt Ion: 43 Resp: 636

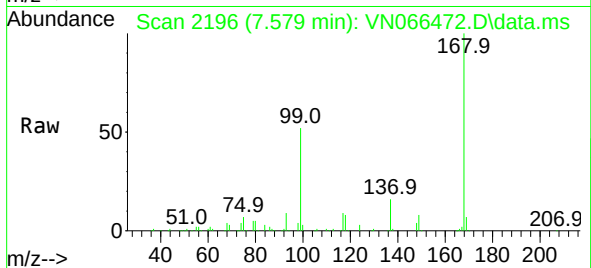
Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.7	31.1#



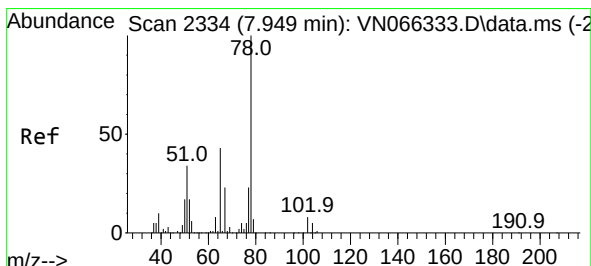
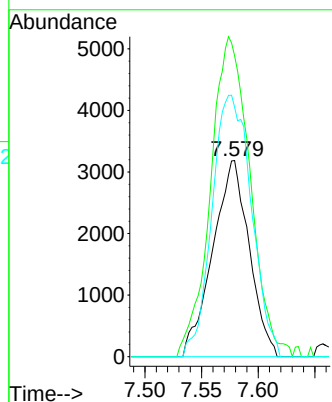
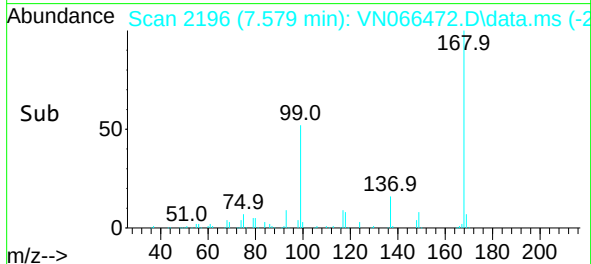


#31
Cyclohexane
Concen: 1.08 ug/l
RT: 7.579 min Scan# 2196
Delta R.T. 0.013 min
Lab File: VN066472.D
Acq: 2 Apr 2021 17:04

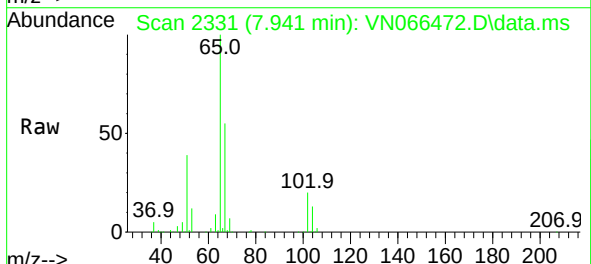
Instrument :
MSVOA_N
ClientSampleId :
124018-A



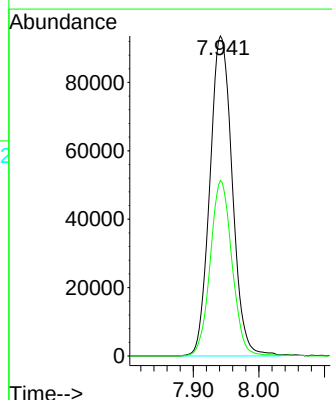
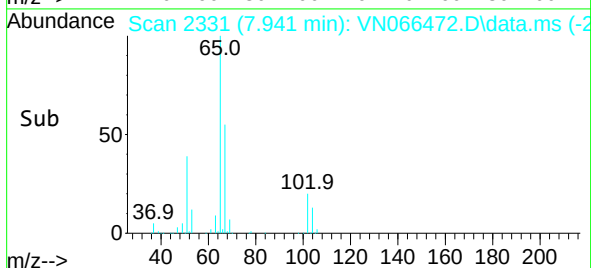
Tgt Ion: 56 Resp: 7118
Ion Ratio Lower Upper
56 100
69 148.2 26.6 40.0#
84 127.2 68.7 103.1#

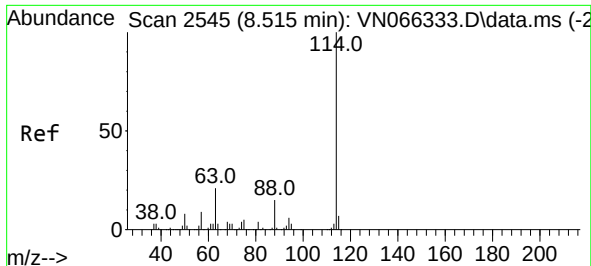


#33
1,2-Dichloroethane-d4
Concen: 46.59 ug/l
RT: 7.941 min Scan# 2331
Delta R.T. -0.003 min
Lab File: VN066472.D
Acq: 2 Apr 2021 17:04



Tgt Ion: 65 Resp: 222152
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.2

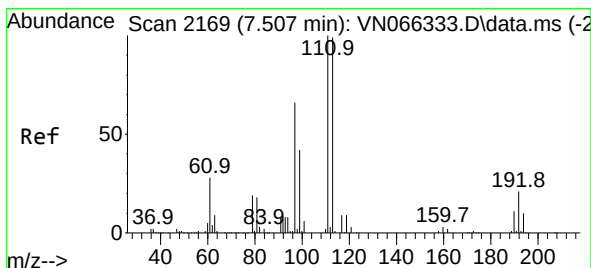
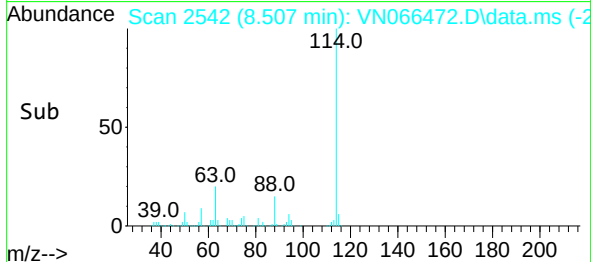
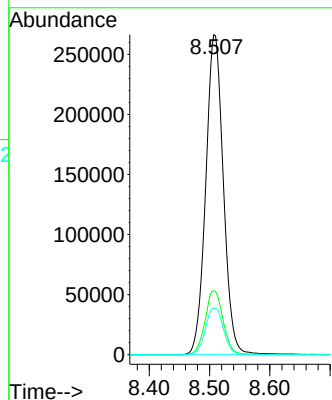
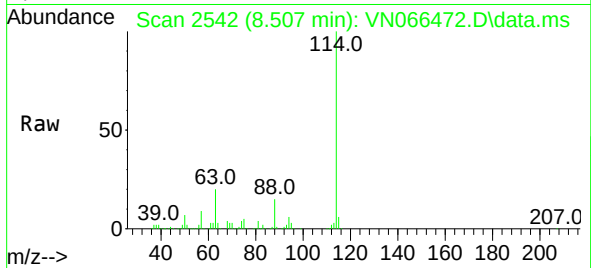




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.507 min Scan# 2542
Delta R.T. -0.003 min
Lab File: VN066472.D
Acq: 2 Apr 2021 17:04

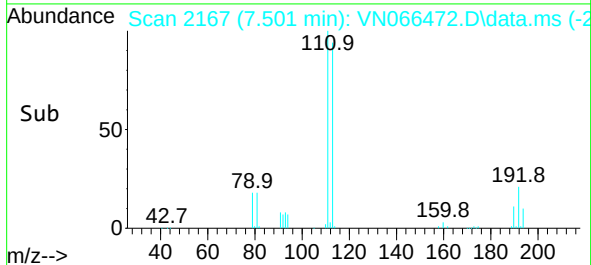
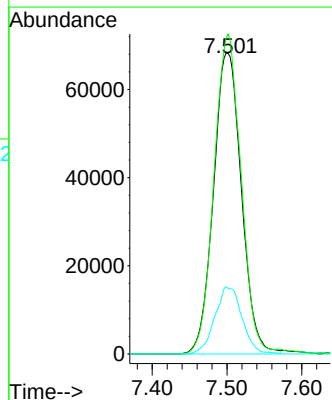
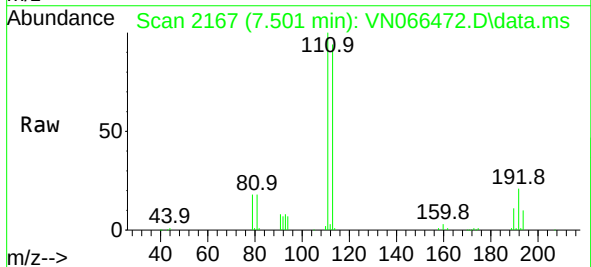
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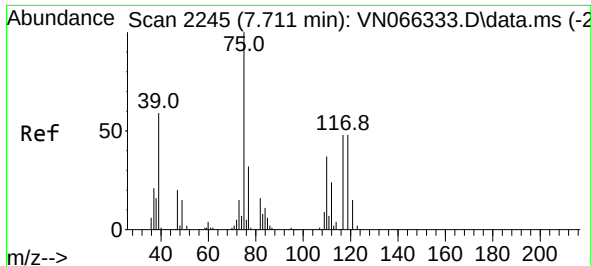
Tgt Ion:114 Resp: 540775
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.0
88 14.6 0.0 31.0



#35
Dibromofluoromethane
Concen: 49.33 ug/l
RT: 7.501 min Scan# 2167
Delta R.T. -0.000 min
Lab File: VN066472.D
Acq: 2 Apr 2021 17:04

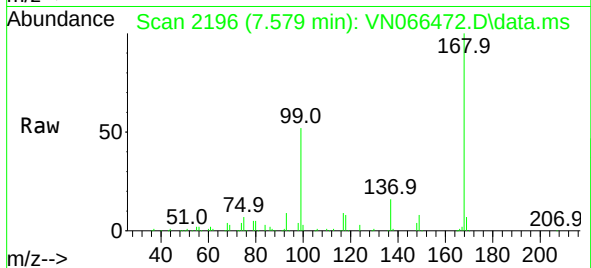
Tgt Ion:113 Resp: 176858
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.8
192 21.8 17.1 25.7



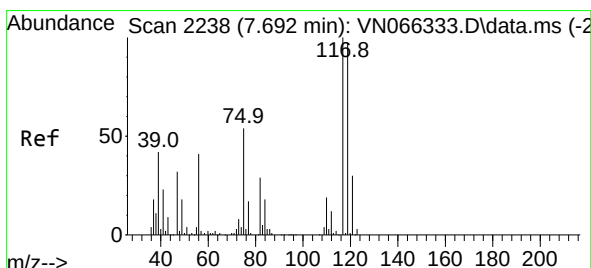
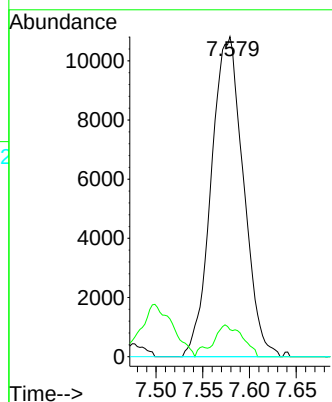
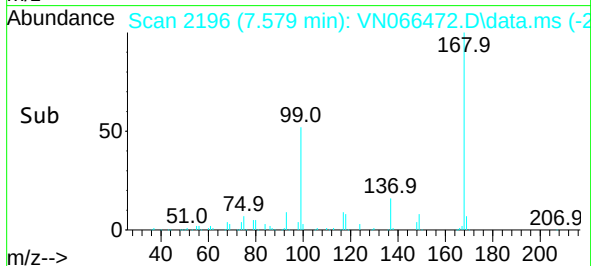


#36
1,1-Dichloropropene
Concen: 5.10 ug/l
RT: 7.579 min Scan# 2196
Delta R.T. -0.126 min
Lab File: VN066472.D
Acq: 2 Apr 2021 17:04

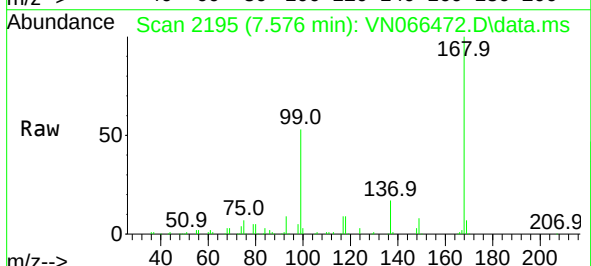
Instrument :
MSVOA_N
ClientSampleId :
124018-A



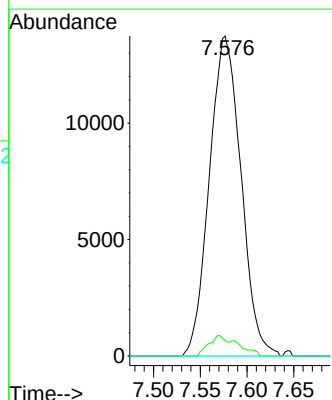
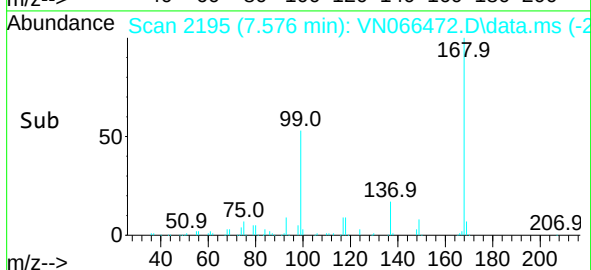
Tgt Ion: 75 Resp: 25901
Ion Ratio Lower Upper
75 100
110 8.1 18.1 54.3#
77 0.0 25.0 37.4#

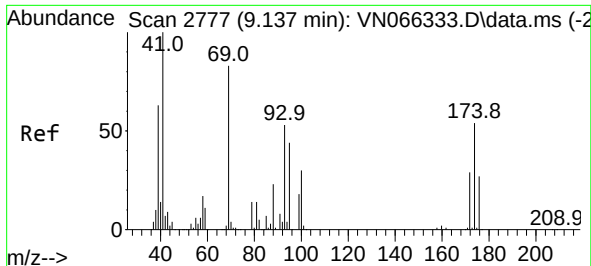


#38
Carbon Tetrachloride
Concen: 6.33 ug/l
RT: 7.576 min Scan# 2195
Delta R.T. -0.107 min
Lab File: VN066472.D
Acq: 2 Apr 2021 17:04



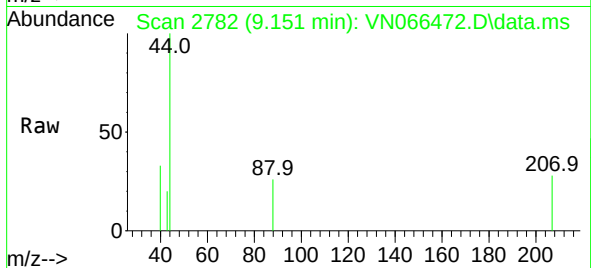
Tgt Ion: 117 Resp: 32339
Ion Ratio Lower Upper
117 100
119 4.8 77.2 115.8#
121 0.0 24.2 36.4#



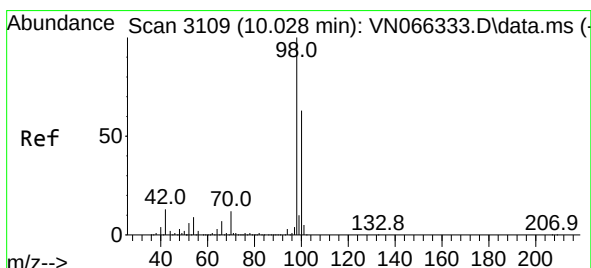
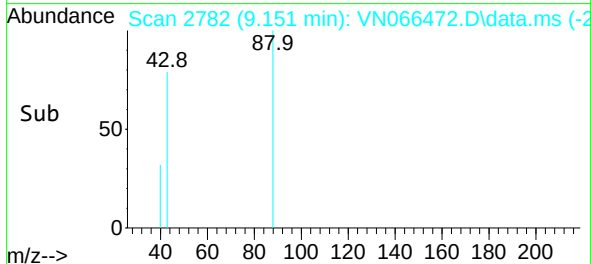
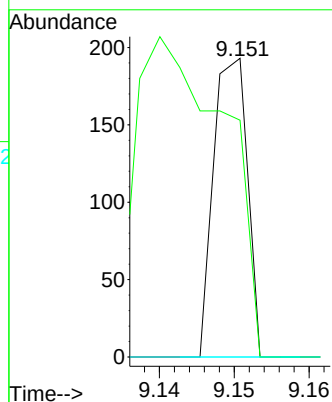


#49
1,4-Dioxane
Concen: 1.05 ug/l
RT: 9.151 min Scan# 2782
Delta R.T. 0.019 min
Lab File: VN066472.D
Acq: 2 Apr 2021 17:04

Instrument :
MSVOA_N
ClientSampleId :
124018-A

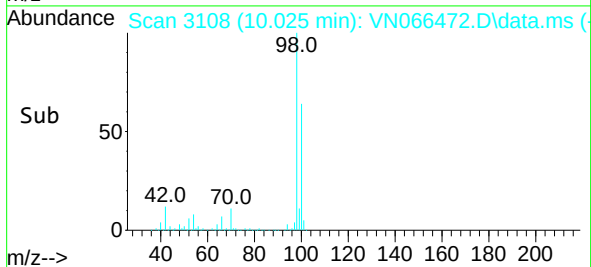
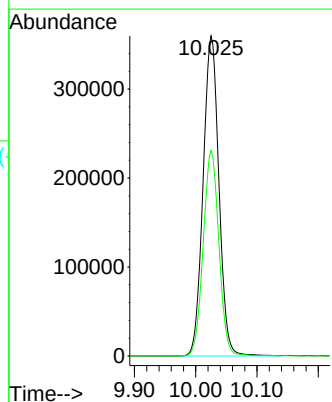
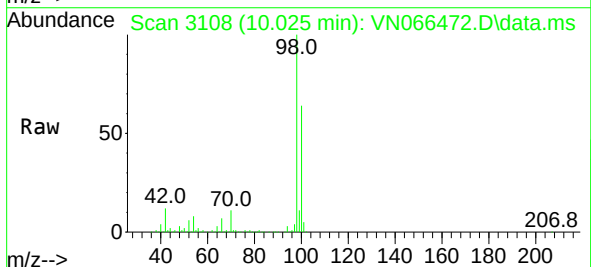


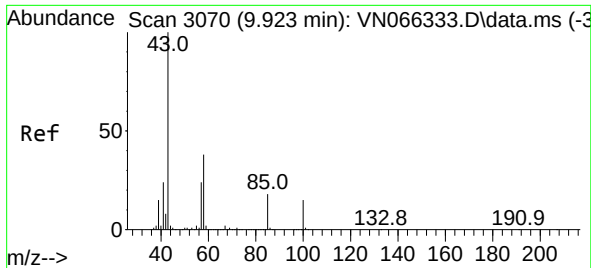
Tgt Ion: 88 Resp: 60
Ion Ratio Lower Upper
88 100
43 280.0 28.2 42.4#
58 0.0 56.6 84.8#



#50
Toluene-d8
Concen: 47.46 ug/l
RT: 10.025 min Scan# 3108
Delta R.T. -0.000 min
Lab File: VN066472.D
Acq: 2 Apr 2021 17:04

Tgt Ion: 98 Resp: 645392
Ion Ratio Lower Upper
98 100
100 63.6 50.5 75.7

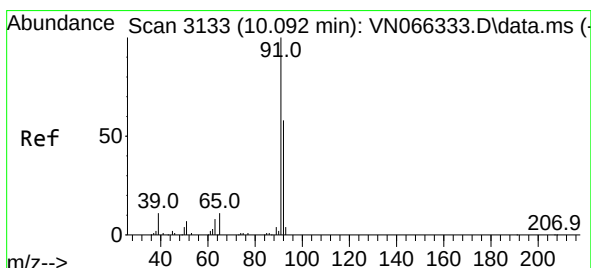
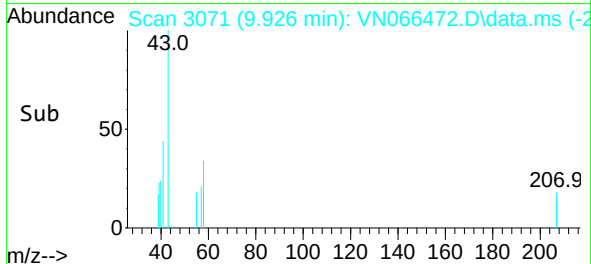
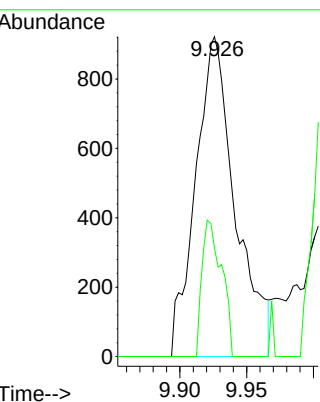
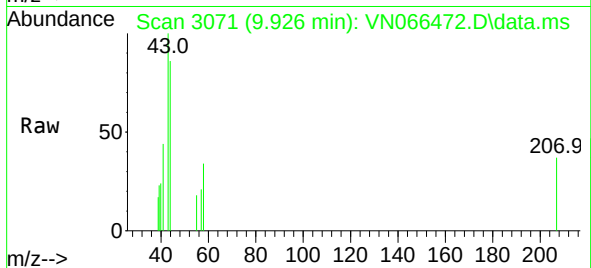




#51
4-Methyl-2-Pentanone
Concen: 0.34 ug/l
RT: 9.926 min Scan# 3071
Delta R.T. 0.008 min
Lab File: VN066472.D
Acq: 2 Apr 2021 17:04

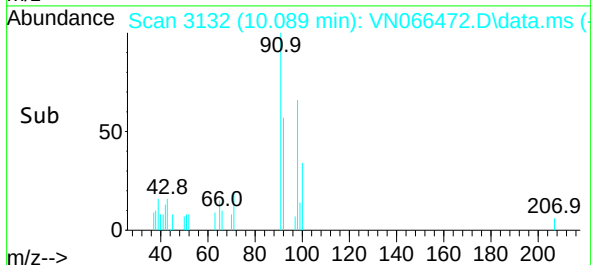
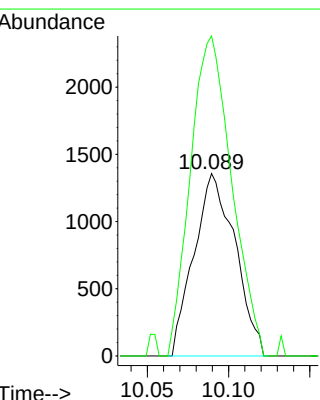
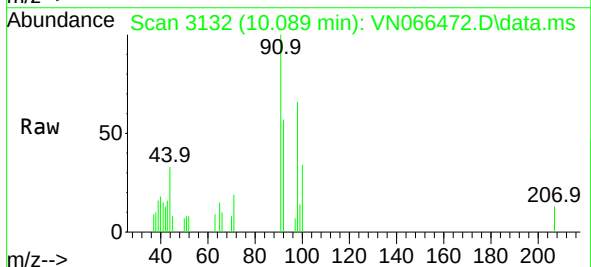
Instrument :
MSVOA_N
ClientSampleId :
124018-A

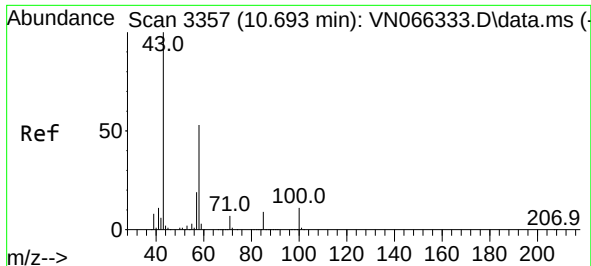
Tgt Ion: 43 Resp: 1906
Ion Ratio Lower Upper
43 100
58 21.0 30.8 46.2#



#52
Toluene
Concen: 0.25 ug/l
RT: 10.089 min Scan# 3132
Delta R.T. -0.000 min
Lab File: VN066472.D
Acq: 2 Apr 2021 17:04

Tgt Ion: 92 Resp: 2389
Ion Ratio Lower Upper
92 100
91 176.2 138.8 208.2

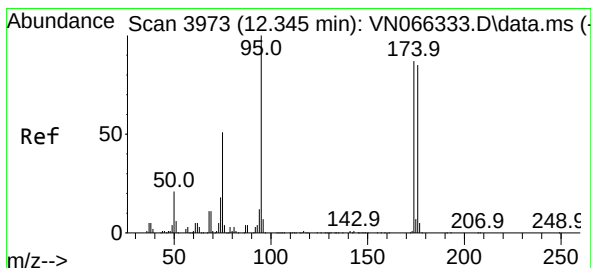
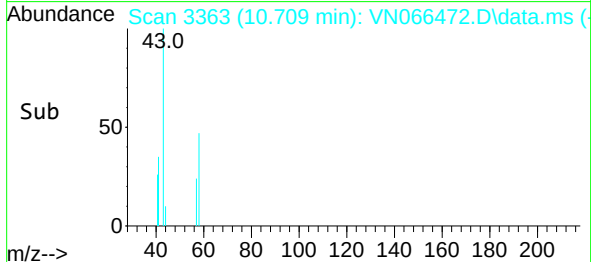
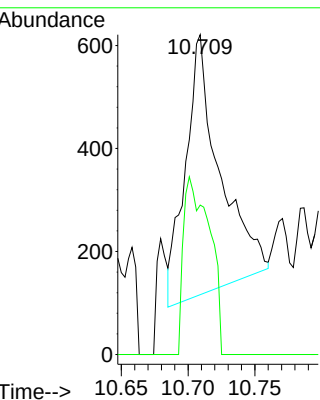
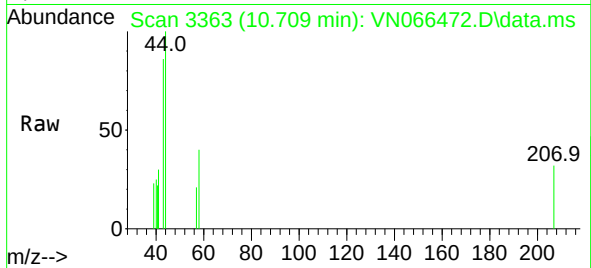




#59
2-Hexanone
Concen: 0.23 ug/l
RT: 10.709 min Scan# 3363
Delta R.T. 0.019 min
Lab File: VN066472.D
Acq: 2 Apr 2021 17:04

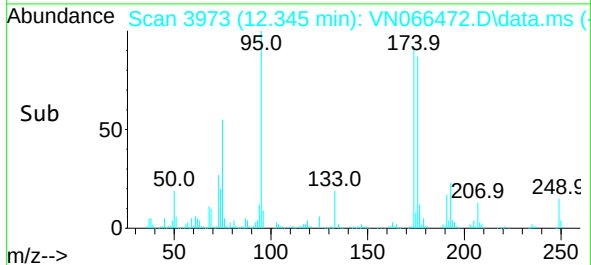
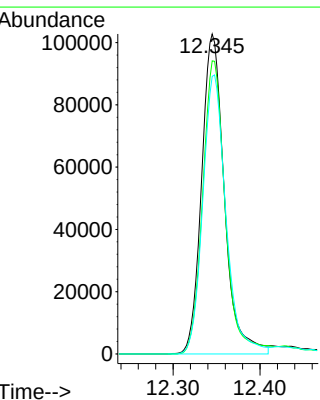
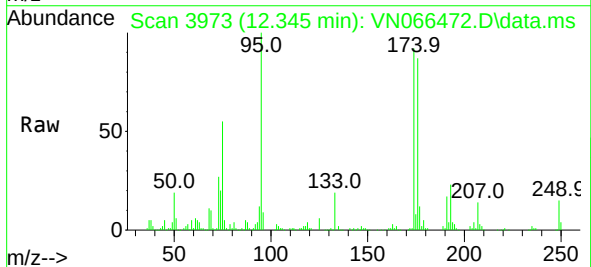
Instrument :
MSVOA_N
ClientSampleId :
124018-A

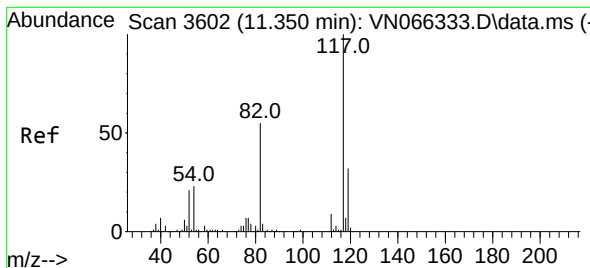
Tgt Ion: 43 Resp: 901
Ion Ratio Lower Upper
43 100
58 52.1 26.6 79.8



#62
4-Bromofluorobenzene
Concen: 39.59 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.003 min
Lab File: VN066472.D
Acq: 2 Apr 2021 17:04

Tgt Ion: 95 Resp: 186991
Ion Ratio Lower Upper
95 100
174 91.7 0.0 172.2
176 88.8 0.0 167.8

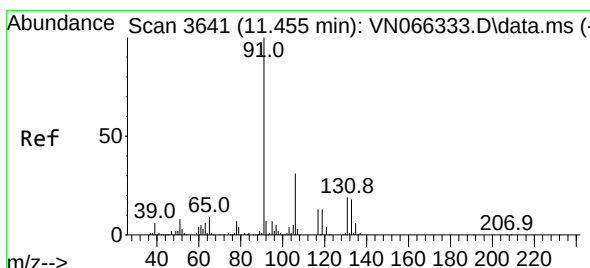
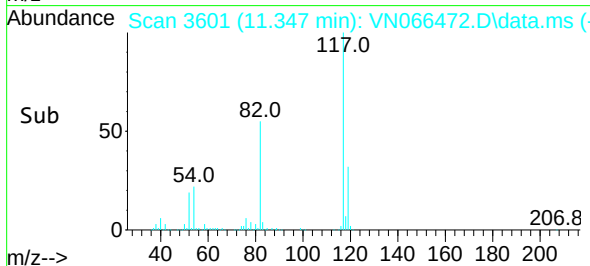
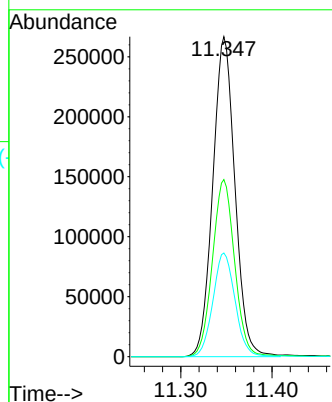
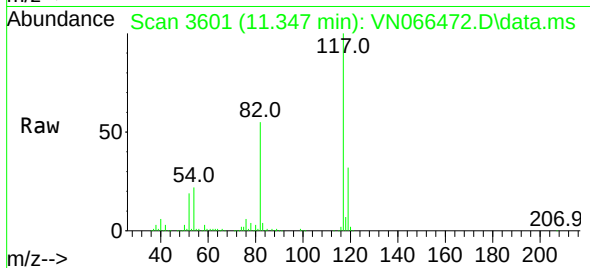




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.000 min
Lab File: VN066472.D
Acq: 2 Apr 2021 17:04

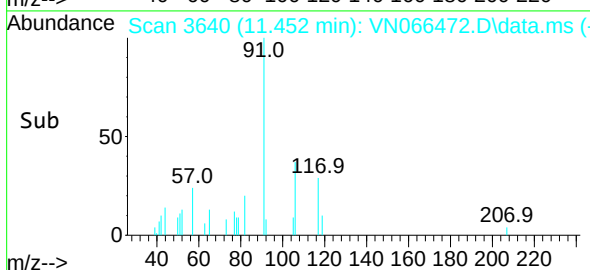
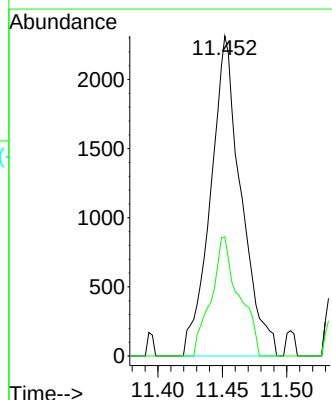
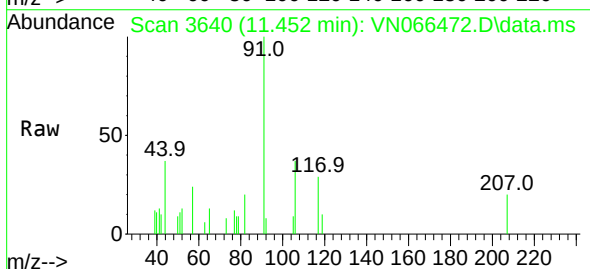
Instrument :
MSVOA_N
ClientSampled :
124018-A

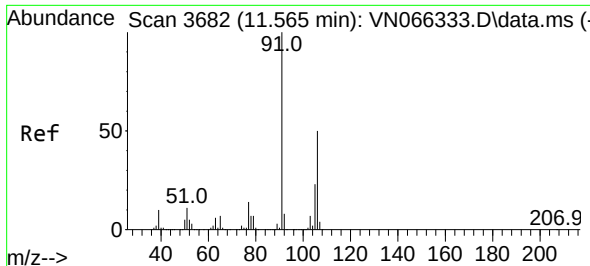
Tgt Ion:117 Resp: 450026
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.4
119 32.4 25.8 38.6



#67
Ethyl Benzene
Concen: 0.23 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. -0.000 min
Lab File: VN066472.D
Acq: 2 Apr 2021 17:04

Tgt Ion: 91 Resp: 3816
Ion Ratio Lower Upper
91 100
106 37.3 24.7 37.1#

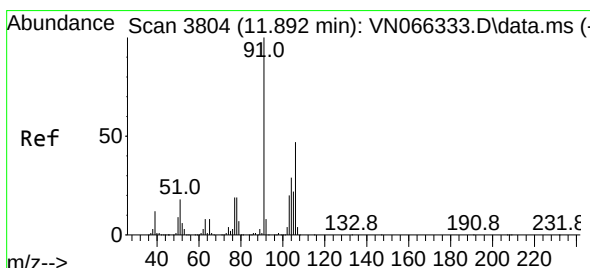
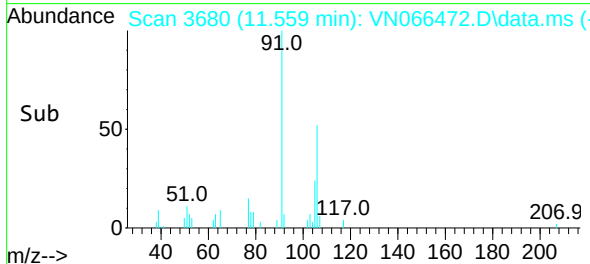
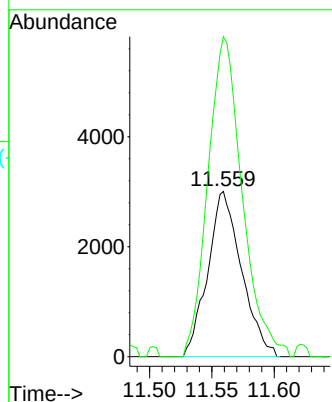
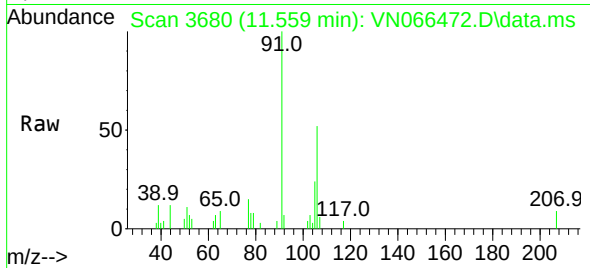




#68
m/p-Xylenes
Concen: 0.92 ug/l
RT: 11.559 min Scan# 3680
Delta R.T. -0.003 min
Lab File: VN066472.D
Acq: 2 Apr 2021 17:04

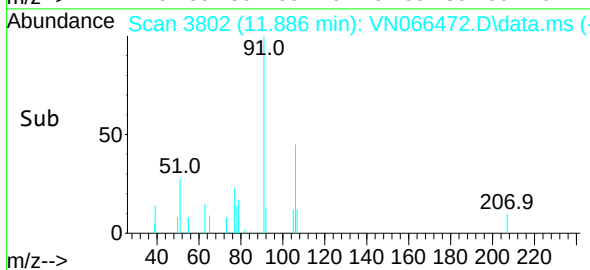
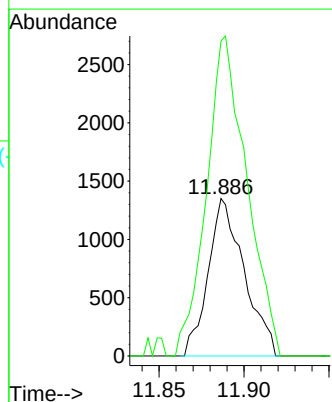
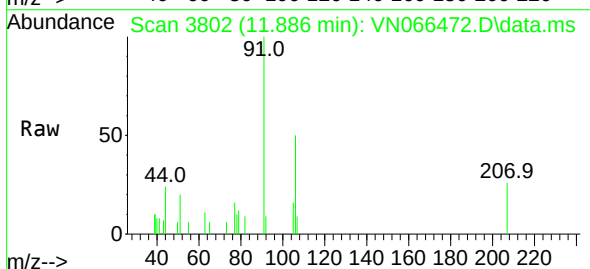
Instrument :
MSVOA_N
ClientSampleId :
124018-A

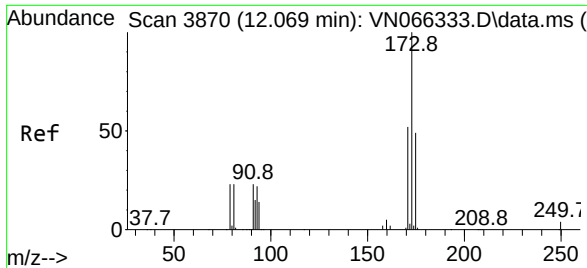
Tgt Ion:106 Resp: 5665
Ion Ratio Lower Upper
106 100
91 196.8 162.7 244.1



#69
o-Xylene
Concen: 0.33 ug/l
RT: 11.886 min Scan# 3802
Delta R.T. -0.003 min
Lab File: VN066472.D
Acq: 2 Apr 2021 17:04

Tgt Ion:106 Resp: 1989
Ion Ratio Lower Upper
106 100
91 227.1 107.1 321.4

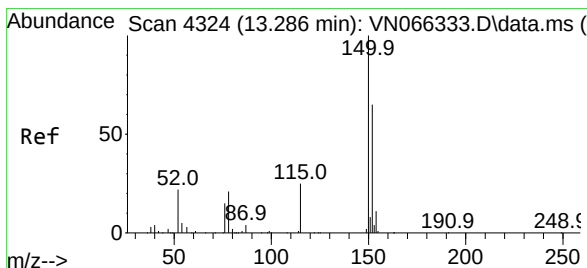
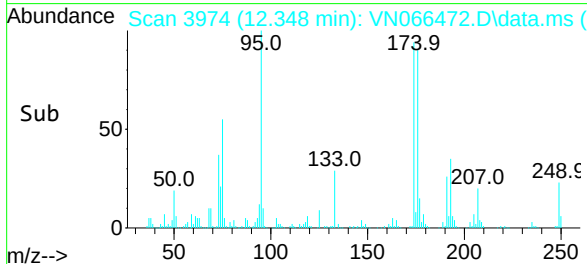
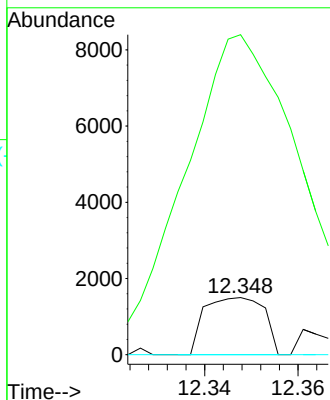
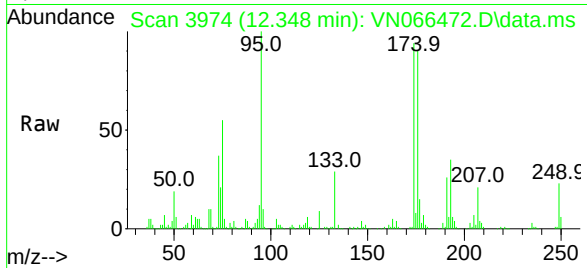




#71
Bromoform
Concen: 0.46 ug/l
RT: 12.348 min Scan# 3974
Delta R.T. 0.279 min
Lab File: VN066472.D
Acq: 2 Apr 2021 17:04

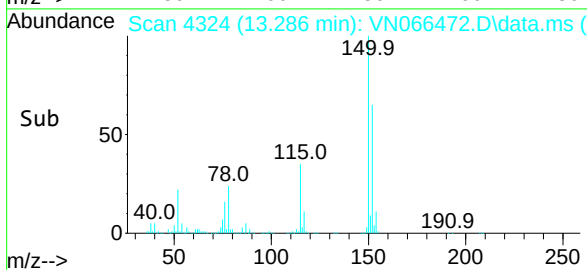
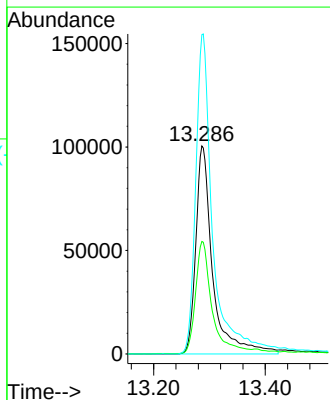
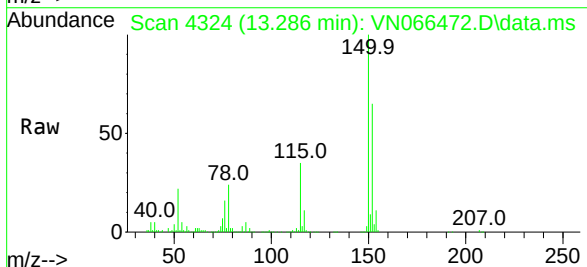
Instrument :
MSVOA_N
ClientSampleId :
124018-A

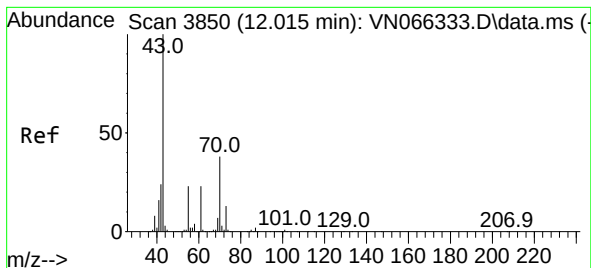
Tgt Ion:173 Resp: 1326
Ion Ratio Lower Upper
173 100
175 922.7 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.003 min
Lab File: VN066472.D
Acq: 2 Apr 2021 17:04

Tgt Ion:152 Resp: 212098
Ion Ratio Lower Upper
152 100
115 52.3 27.8 83.4
150 155.0 0.0 348.4



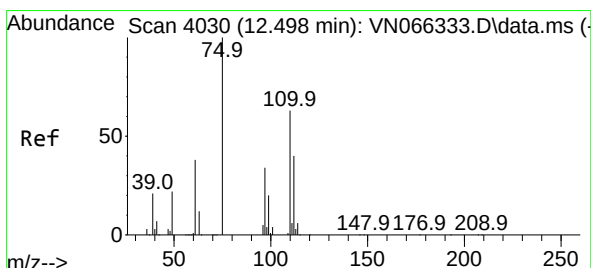
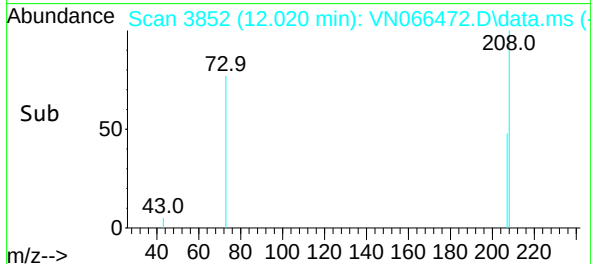
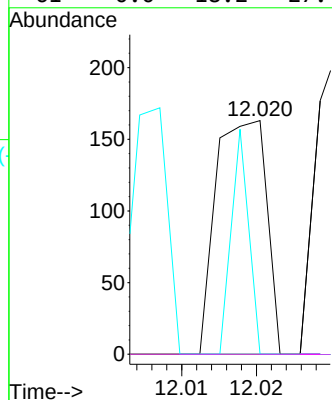
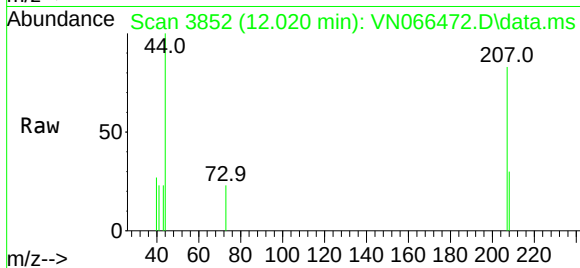


#74
N-amy1 acetate
Concen: 3.21 ug/l
RT: 12.020 min Scan# 3852
Delta R.T. 0.005 min
Lab File: VN066472.D
Acq: 2 Apr 2021 17:04

Instrument :
MSVOA_N
ClientSampleId :
124018-A

Tgt Ion: 43 Resp: 76

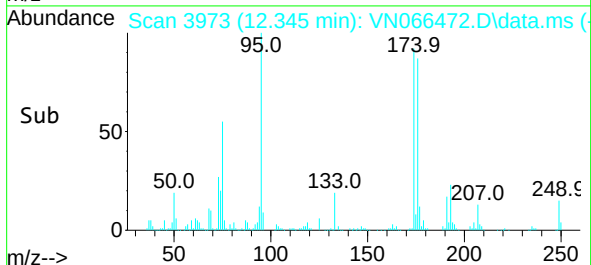
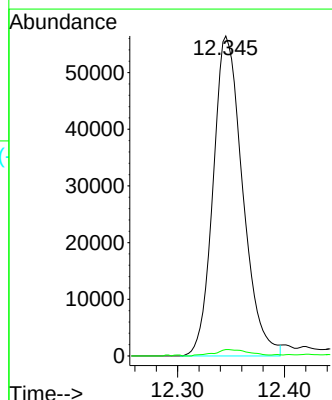
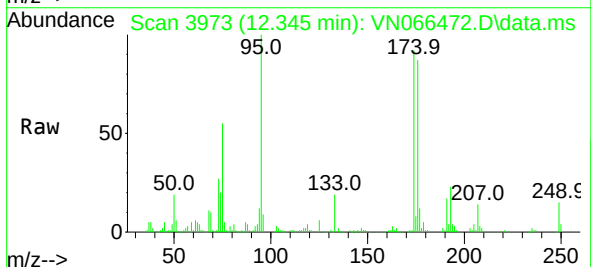
Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.2	46.8#
55	32.9	18.6	28.0#
61	0.0	18.2	27.4#

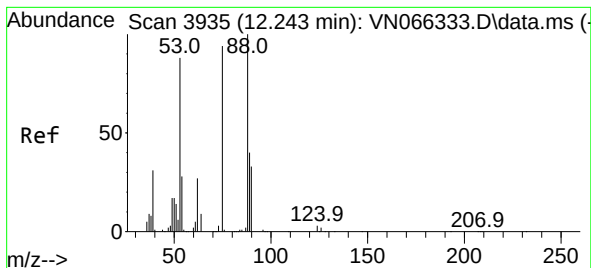


#76
1,2,3-Trichloropropane
Concen: 23.30 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.150 min
Lab File: VN066472.D
Acq: 2 Apr 2021 17:04

Tgt Ion: 75 Resp: 108423

Ion	Ratio	Lower	Upper
75	100		
77	2.4	0.0	0.0#

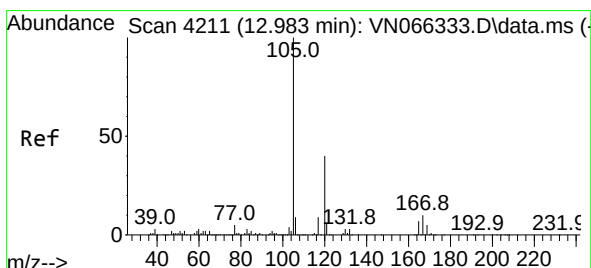
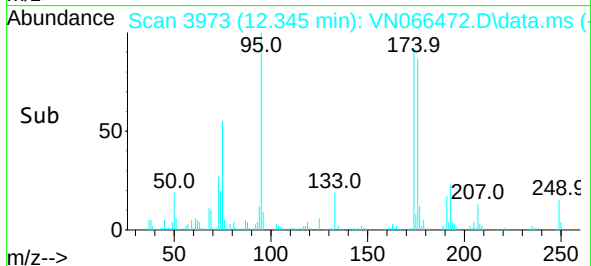
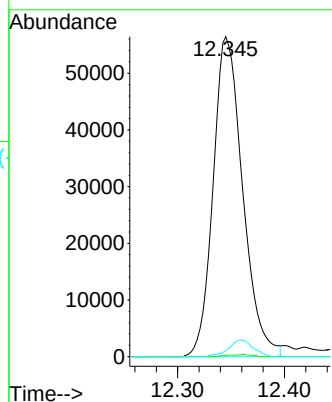
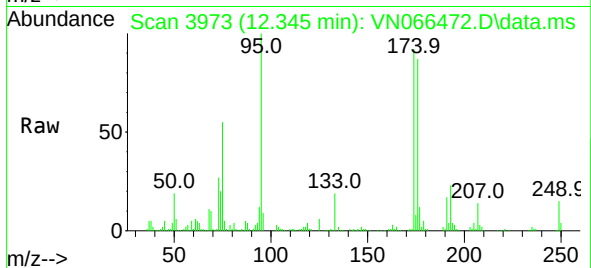




#81
trans-1,4-Dichloro-2-butene
Concen: 70.06 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.102 min
Lab File: VN066472.D
Acq: 2 Apr 2021 17:04

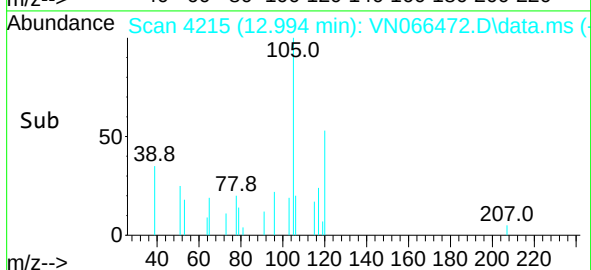
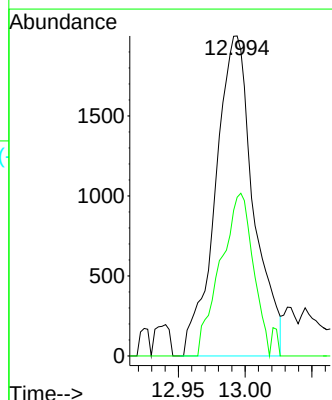
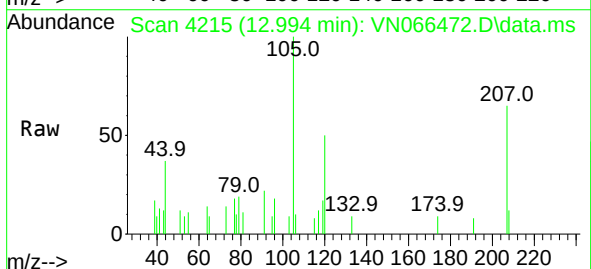
Instrument :
MSVOA_N
ClientSampleId :
124018-A

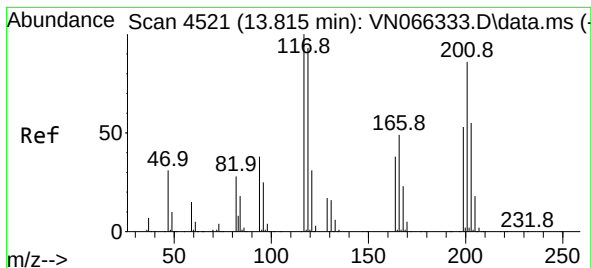
Tgt Ion: 75 Resp: 108423
Ion Ratio Lower Upper
75 100
53 0.5 76.1 114.1#
89 4.3 35.7 53.5#



#84
1,2,4-Trimethylbenzene
Concen: 0.32 ug/l
RT: 12.994 min Scan# 4215
Delta R.T. 0.011 min
Lab File: VN066472.D
Acq: 2 Apr 2021 17:04

Tgt Ion: 105 Resp: 3973
Ion Ratio Lower Upper
105 100
120 43.6 23.1 69.2

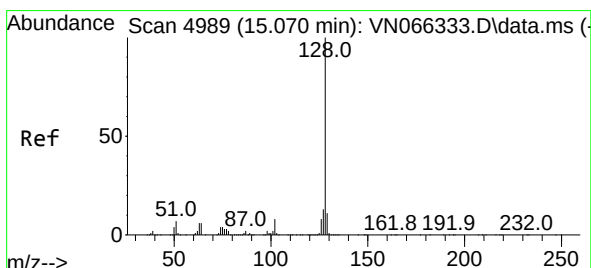
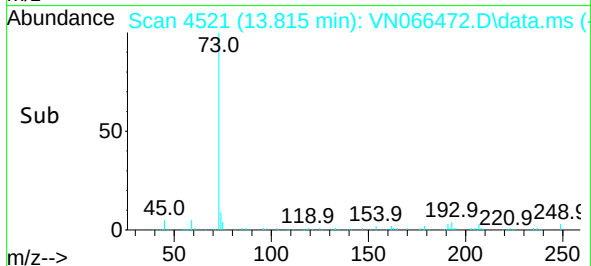
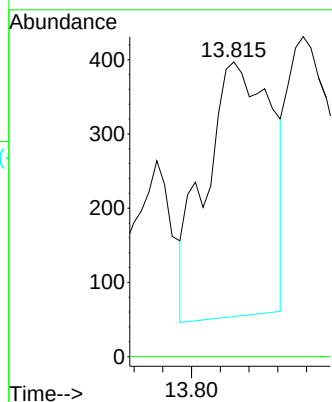
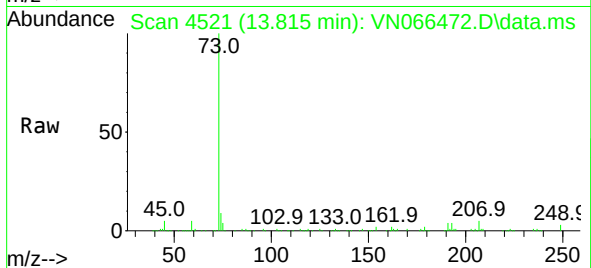




#90
Hexachloroethane
Concen: 0.24 ug/l
RT: 13.815 min Scan# 4521
Delta R.T. -0.000 min
Lab File: VN066472.D
Acq: 2 Apr 2021 17:04

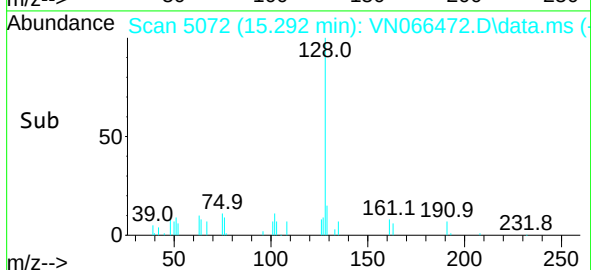
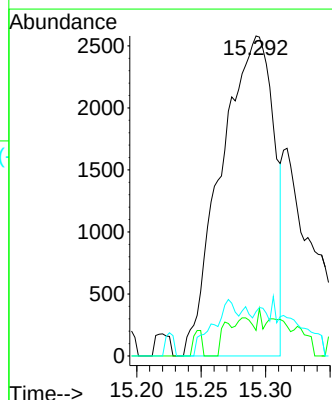
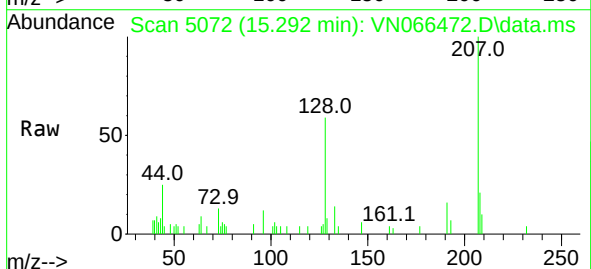
Instrument :
MSVOA_N
ClientSampleId :
124018-A

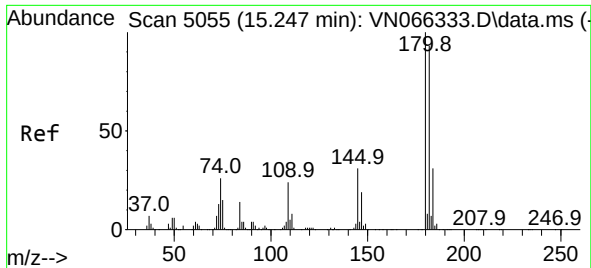
Tgt Ion:117 Resp: 547
Ion Ratio Lower Upper
117 100
201 0.0 44.0 131.8#



#95
Naphthalene
Concen: 1.64 ug/l
RT: 15.292 min Scan# 5072
Delta R.T. 0.032 min
Lab File: VN066472.D
Acq: 2 Apr 2021 17:04

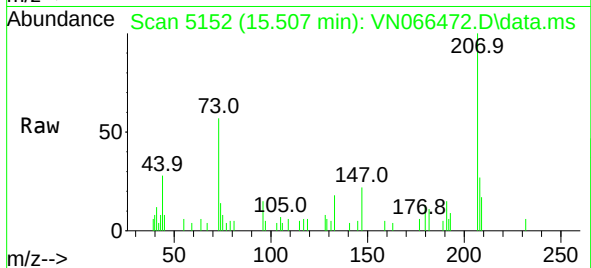
Tgt Ion:128 Resp: 7303
Ion Ratio Lower Upper
128 100
127 1.5 10.5 15.7#
129 0.0 8.5 12.7#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.22 ug/l
 RT: 15.507 min Scan# 5152
 Delta R.T. 0.011 min
 Lab File: VN066472.D
 Acq: 2 Apr 2021 17:04

Instrument :
 MSVOA_N
 ClientSampleId :
 124018-A



Tgt Ion:	180	Resp:	909
Ion	Ratio	Lower	Upper
180	100		
182	49.6	47.6	142.9
145	14.2	15.4	46.1#

