

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061021\
 Data File : VN067274.D
 Acq On : 10 Jun 2021 16:13
 Operator : JC/MD
 Sample : M2612-20
 Misc : 12.97g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 11 05:40:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061021W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 05:27:41 2021
 Response via : Initial Calibration

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

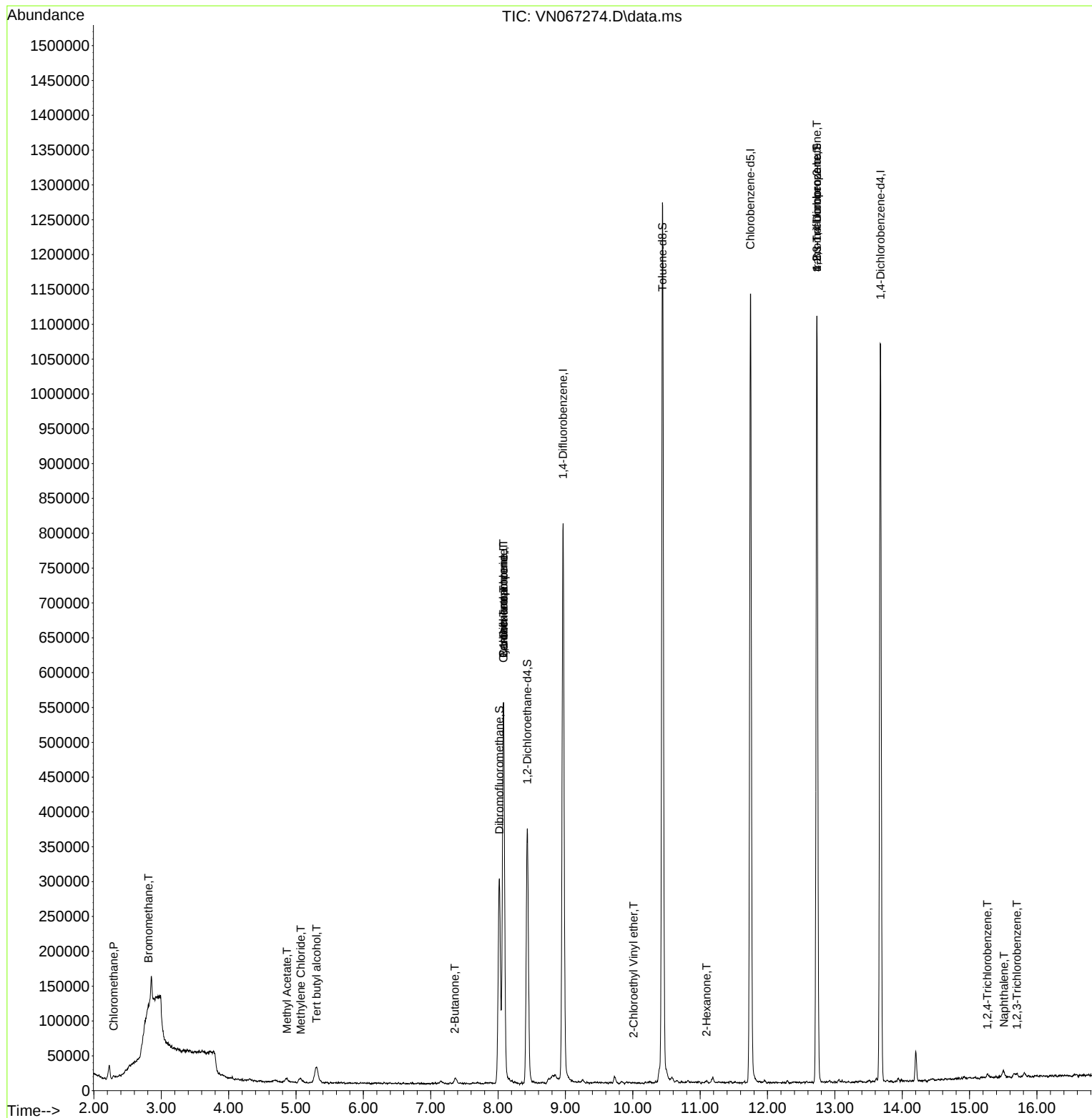
Internal Standards						
1) Pentafluorobenzene	8.080	168	362792	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.965	114	654714	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	606097	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	255559	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	321117	46.83	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.66%		
35) Dibromofluoromethane	8.018	113	210736	50.51	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.02%		
50) Toluene-d8	10.440	98	856841	52.26	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.52%		
62) 4-Bromofluorobenzene	12.733	95	348203	51.04	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.08%		
Target Compounds						Qvalue
3) Chloromethane	2.293	50	1482	0.26	ug/l #	81
5) Bromomethane	2.810	94	762	0.30	ug/l #	20
11) Tert butyl alcohol	5.304	59	23724	20.33	ug/l #	89
18) Methyl Acetate	4.867	43	9318	1.21	ug/l #	65
20) Methylene Chloride	5.071	84	1942	0.39	ug/l	85
25) 2-Butanone	7.356	43	4056	0.96	ug/l #	86
31) Cyclohexane	8.078	56	11509	1.36	ug/l #	37
36) 1,1-Dichloropropene	8.080	75	38451	5.54	ug/l #	48
38) Carbon Tetrachloride	8.080	117	44444	6.15	ug/l #	15
58) 2-Chloroethyl Vinyl ether	10.011	63	51	28.11	ug/l #	45
59) 2-Hexanone	11.095	43	2833	0.46	ug/l	68
76) 1,2,3-Trichloropropane	12.733	75	207981	30.64	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	207981	78.37	ug/l #	16
93) 1,2,4-Trichlorobenzene	15.265	180	1477	0.35	ug/l	92
95) Naphthalene	15.509	128	6728	5.07	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.702	180	1030	0.26	ug/l #	74

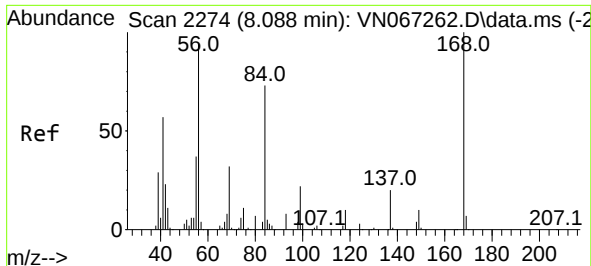
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061021\
Data File : VN067274.D
Acq On : 10 Jun 2021 16:13
Operator : JC/MD
Sample : M2612-20
Misc : 12.97g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 11 05:40:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061021W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 11 05:27:41 2021
Response via : Initial Calibration

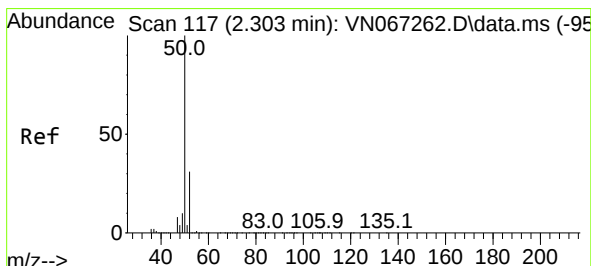
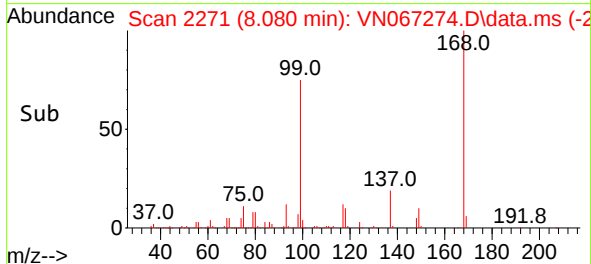
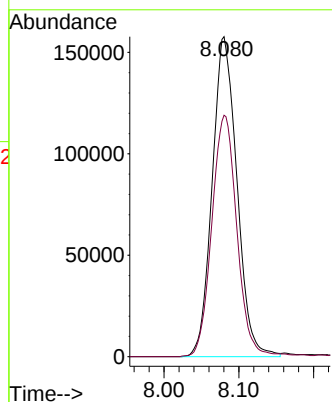
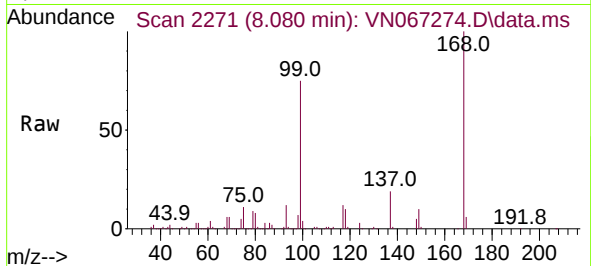




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.008 min
Lab File: VN067274.D
Acq: 10 Jun 2021 16:13

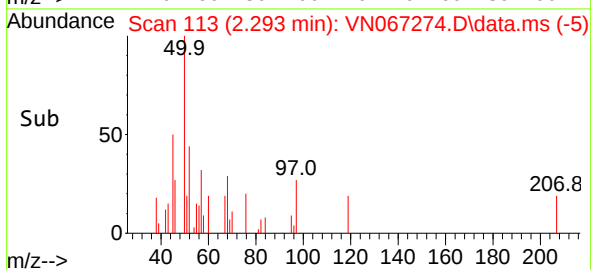
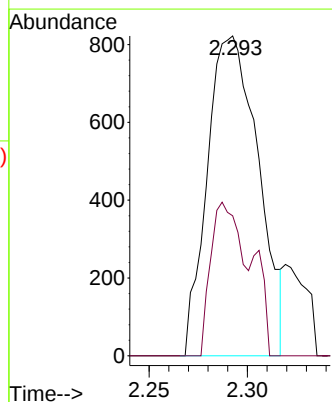
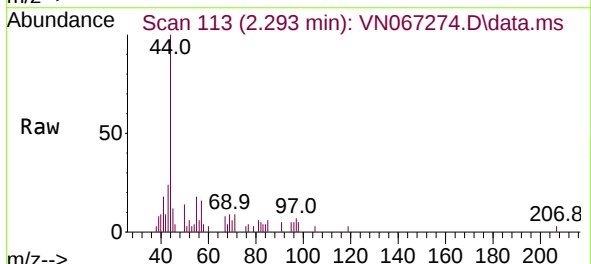
Instrument :
MSVOA_N
ClientSampled :

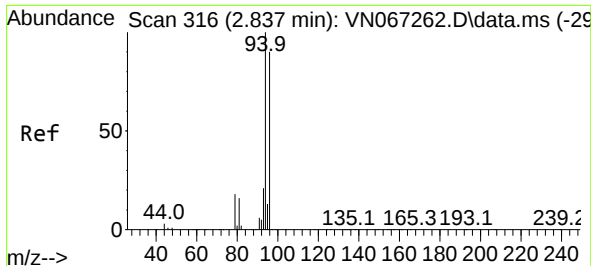
Tgt Ion:168 Resp: 362792
Ion Ratio Lower Upper
168 100
99 75.5 38.5 57.7#



#3
Chloromethane
Concen: 0.26 ug/l
RT: 2.293 min Scan# 113
Delta R.T. -0.011 min
Lab File: VN067274.D
Acq: 10 Jun 2021 16:13

Tgt Ion: 50 Resp: 1482
Ion Ratio Lower Upper
50 100
52 43.8 26.5 39.7#

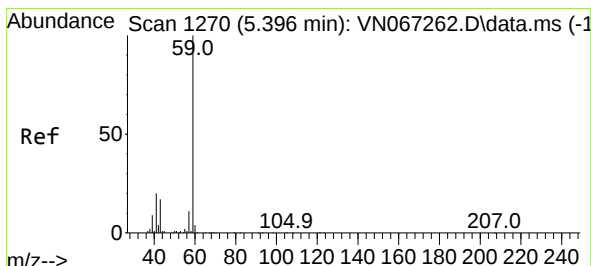
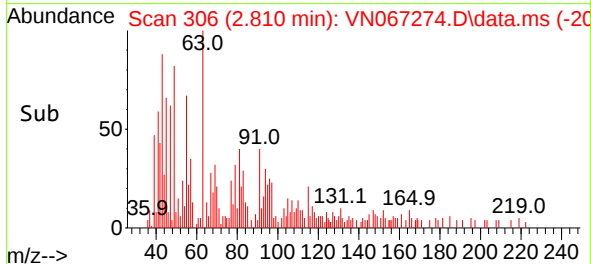
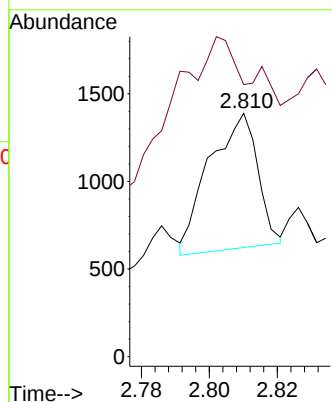
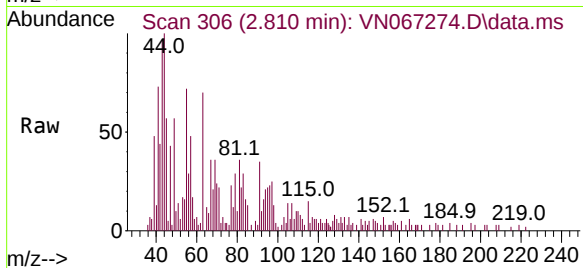




#5
Bromomethane
Concen: 0.30 ug/l
RT: 2.810 min Scan# 306
Delta R.T. -0.027 min
Lab File: VN067274.D
Acq: 10 Jun 2021 16:13

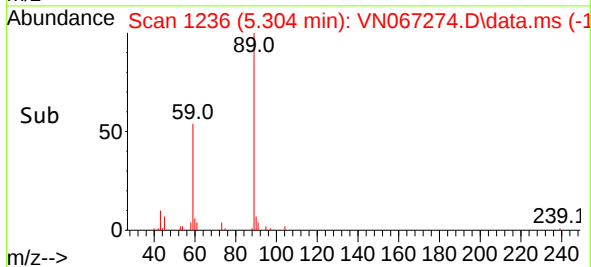
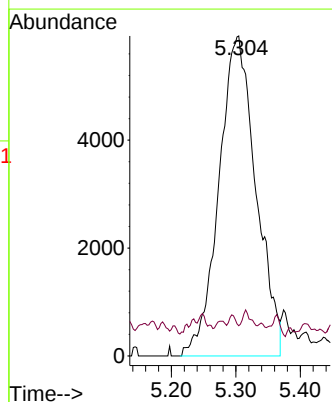
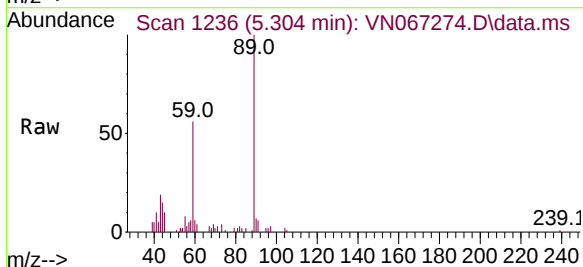
Instrument :
MSVOA_N
ClientSampleId :

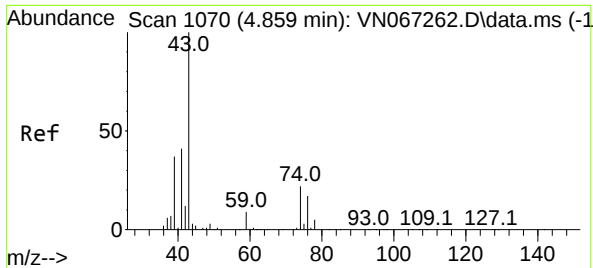
Tgt Ion: 94 Resp: 762
Ion Ratio Lower Upper
94 100
96 16.2 74.4 111.6#



#11
Tert butyl alcohol
Concen: 20.33 ug/l
RT: 5.304 min Scan# 1236
Delta R.T. -0.091 min
Lab File: VN067274.D
Acq: 10 Jun 2021 16:13

Tgt Ion: 59 Resp: 23724
Ion Ratio Lower Upper
59 100
57 0.9 3.5 5.3#

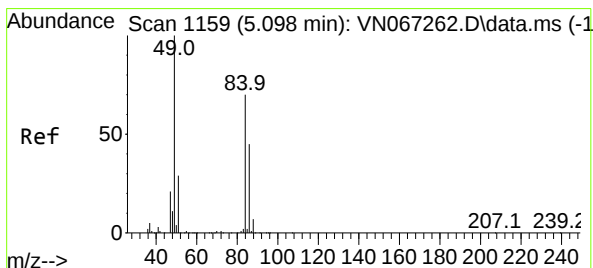
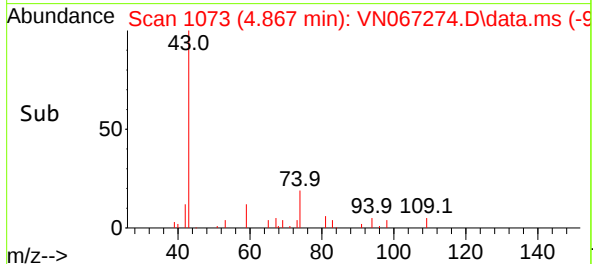
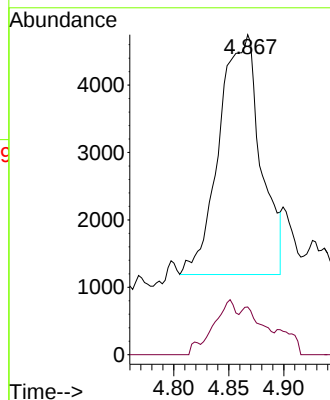
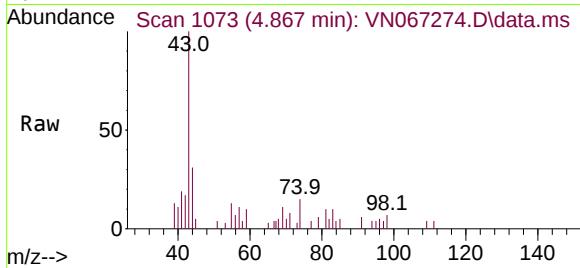




#18
Methyl Acetate
Concen: 1.21 ug/l
RT: 4.867 min Scan# 1073
Delta R.T. 0.008 min
Lab File: VN067274.D
Acq: 10 Jun 2021 16:13

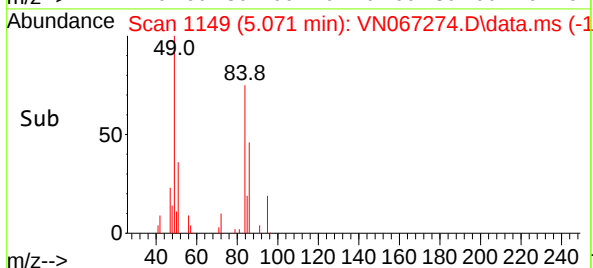
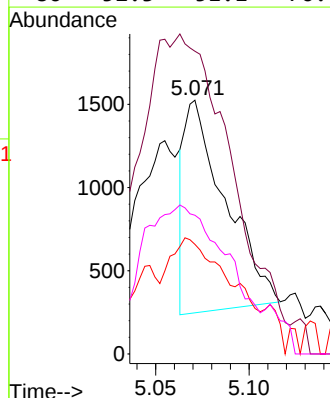
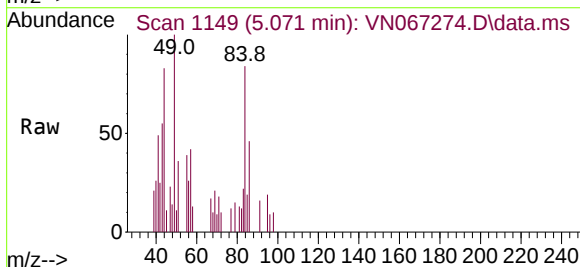
Instrument :
MSVOA_N
ClientSampled :

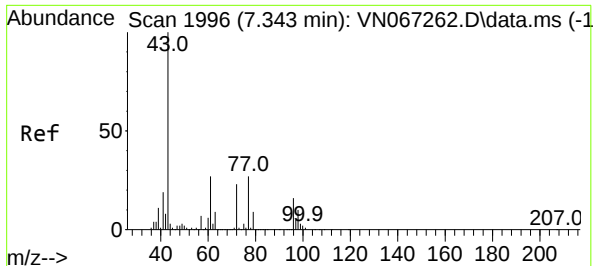
Tgt Ion: 43 Resp: 9318
Ion Ratio Lower Upper
43 100
74 8.8 21.4 32.2#



#20
Methylene Chloride
Concen: 0.39 ug/l
RT: 5.071 min Scan# 1149
Delta R.T. -0.027 min
Lab File: VN067274.D
Acq: 10 Jun 2021 16:13

Tgt Ion: 84 Resp: 1942
Ion Ratio Lower Upper
84 100
49 128.0 88.3 132.5
51 39.4 26.7 40.1
86 52.3 51.1 76.7

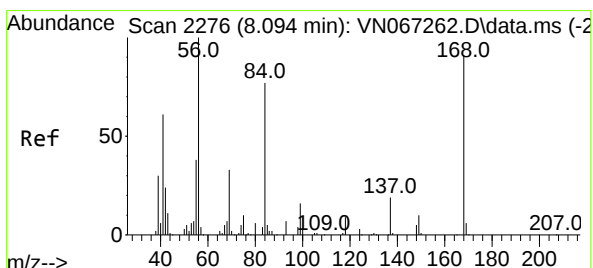
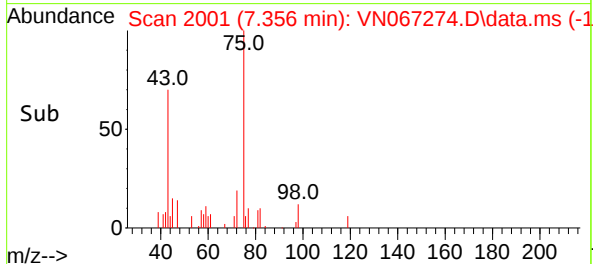
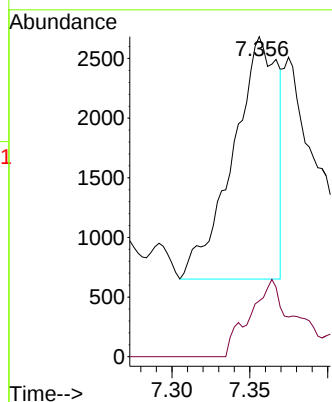
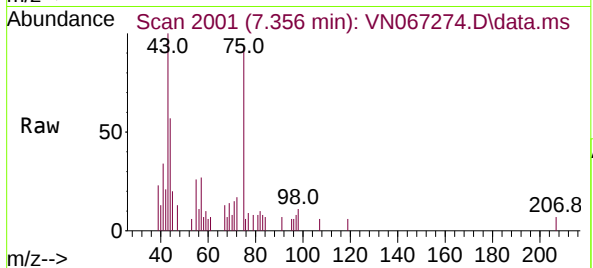




#25
2-Butanone
Concen: 0.96 ug/l
RT: 7.356 min Scan# 2001
Delta R.T. 0.013 min
Lab File: VN067274.D
Acq: 10 Jun 2021 16:13

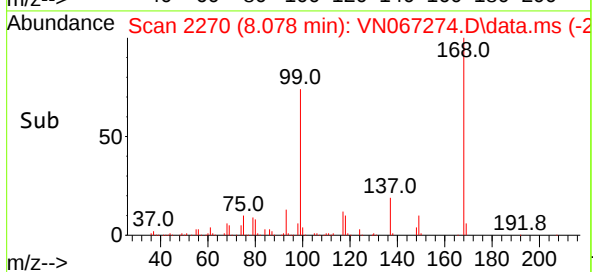
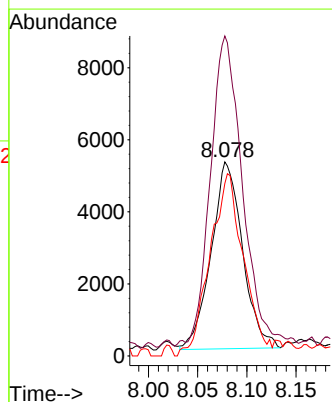
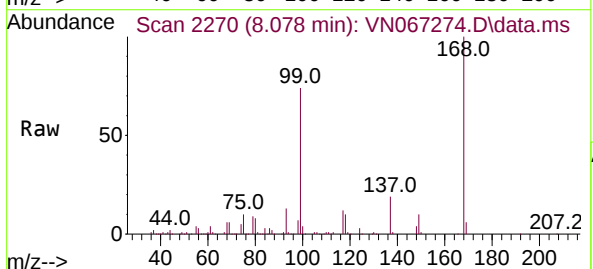
Instrument :
MSVOA_N
ClientSampled :

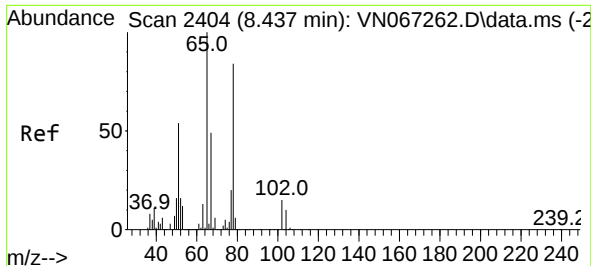
Tgt Ion: 43 Resp: 4056
Ion Ratio Lower Upper
43 100
72 23.0 24.4 36.6#



#31
Cyclohexane
Concen: 1.36 ug/l
RT: 8.078 min Scan# 2270
Delta R.T. -0.016 min
Lab File: VN067274.D
Acq: 10 Jun 2021 16:13

Tgt Ion: 56 Resp: 11509
Ion Ratio Lower Upper
56 100
69 164.0 28.0 42.0#
84 89.5 74.2 111.2





#33

1,2-Dichloroethane-d4

Concen: 46.83 ug/l

RT: 8.434 min Scan# 2403

Delta R.T. -0.003 min

Lab File: VN067274.D

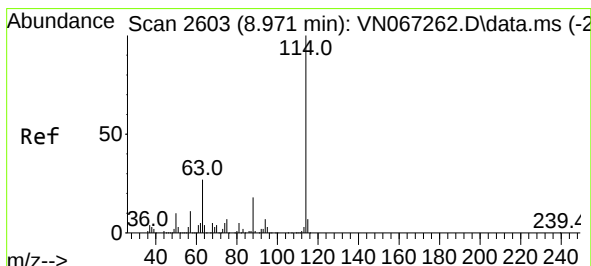
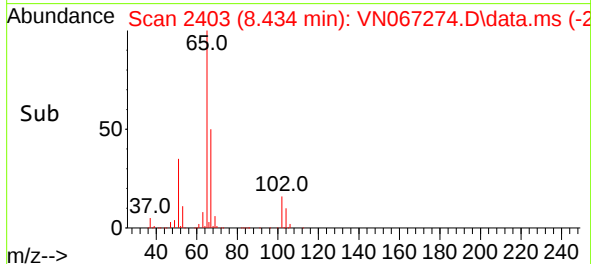
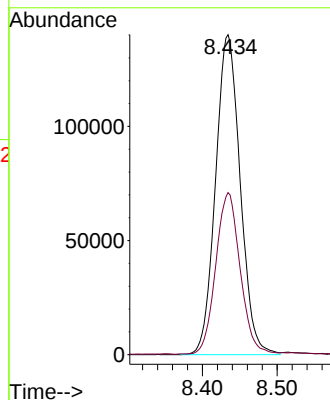
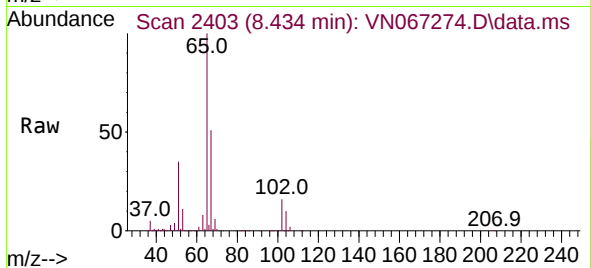
Acq: 10 Jun 2021 16:13

Tgt Ion: 65 Resp: 321117

Ion Ratio Lower Upper

65 100

67 49.6 0.0 110.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.006 min

Lab File: VN067274.D

Acq: 10 Jun 2021 16:13

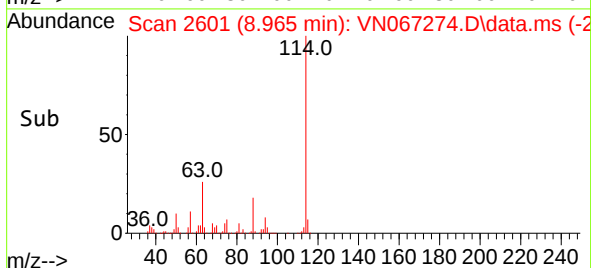
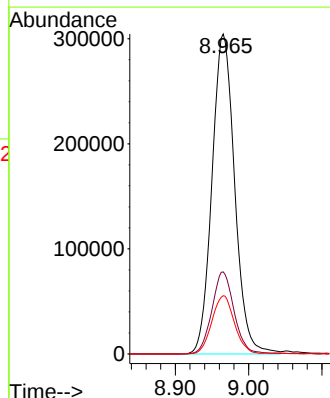
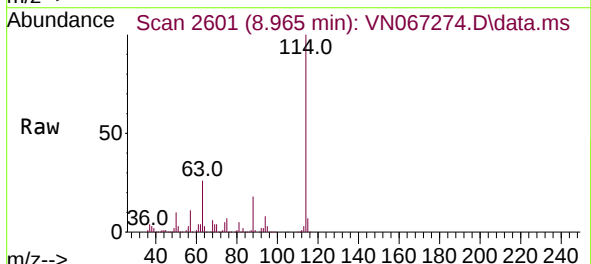
Tgt Ion: 114 Resp: 654714

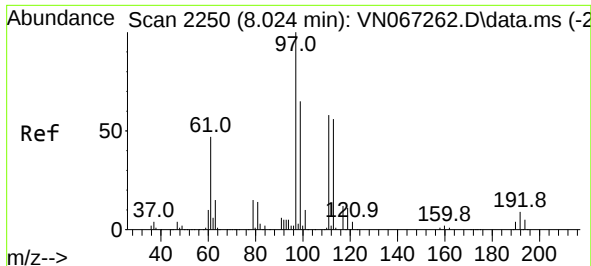
Ion Ratio Lower Upper

114 100

63 25.7 0.0 35.8

88 18.2 0.0 30.4

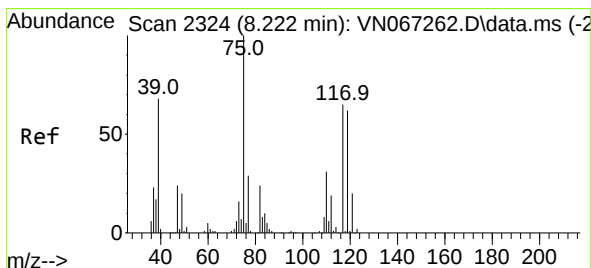
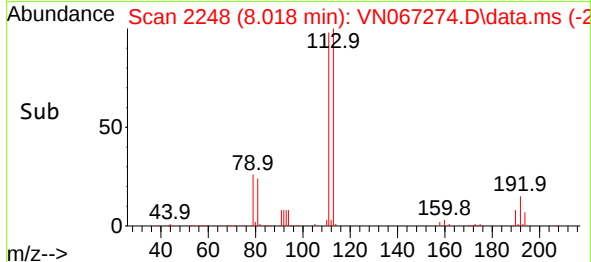
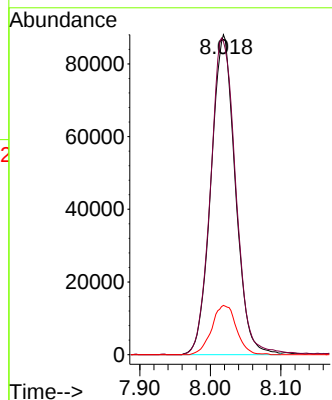
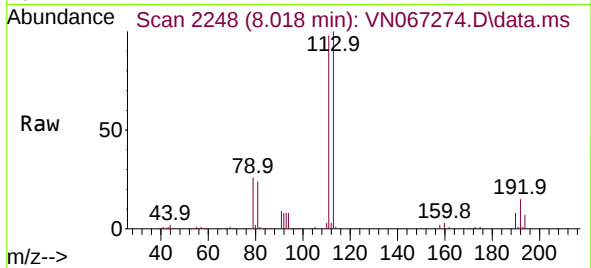




#35
Dibromofluoromethane
Concen: 50.51 ug/l
RT: 8.018 min Scan# 2248
Delta R.T. -0.005 min
Lab File: VN067274.D
Acq: 10 Jun 2021 16:13

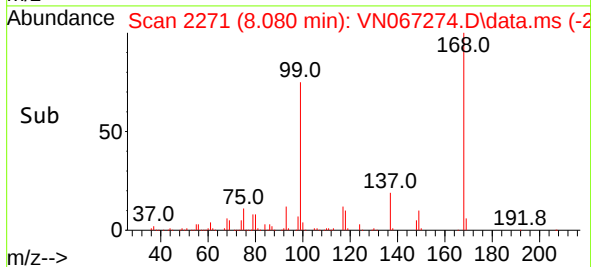
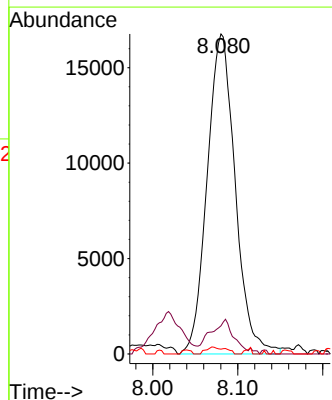
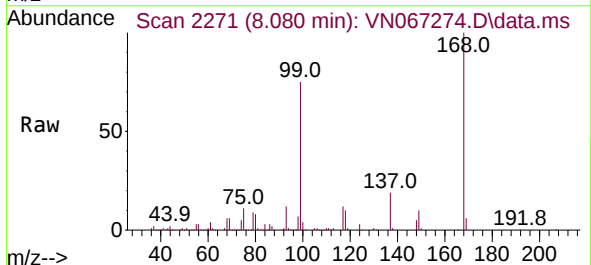
Instrument :
MSVOA_N
ClientSampleId :

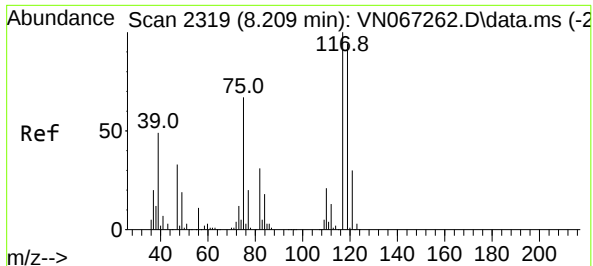
Tgt Ion:113 Resp: 210736
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 15.6 18.2 27.4#



#36
1,1-Dichloropropene
Concen: 5.54 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.142 min
Lab File: VN067274.D
Acq: 10 Jun 2021 16:13

Tgt Ion: 75 Resp: 38451
Ion Ratio Lower Upper
75 100
110 7.7 19.1 57.3#
77 1.0 24.8 37.2#

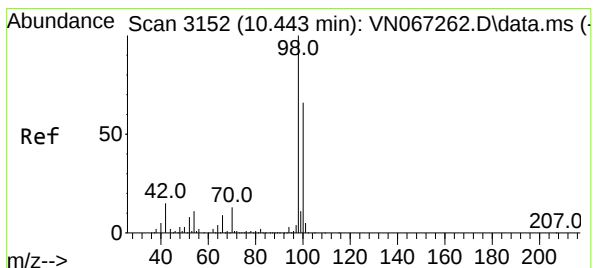
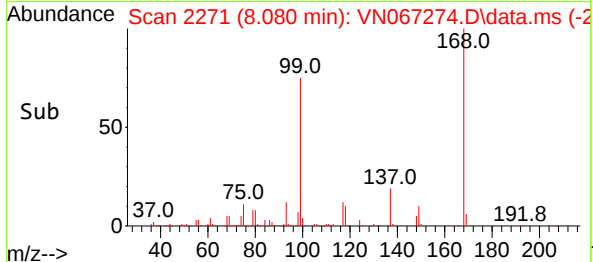
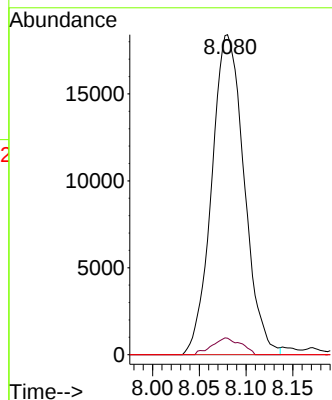
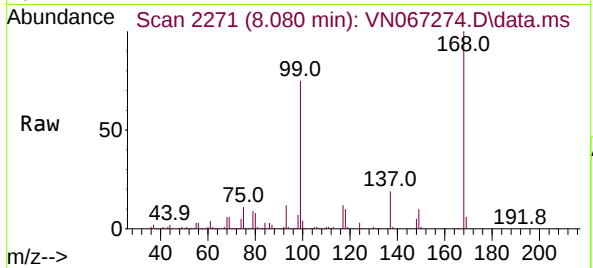




#38
Carbon Tetrachloride
Concen: 6.15 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.129 min
Lab File: VN067274.D
Acq: 10 Jun 2021 16:13

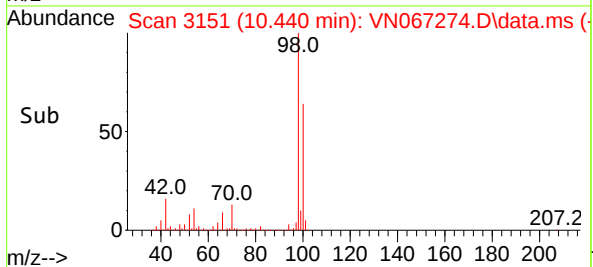
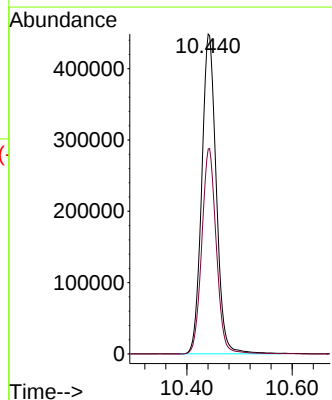
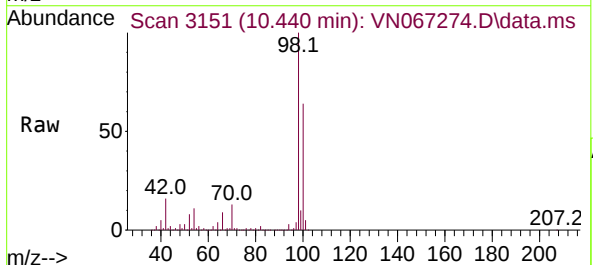
Instrument :
MSVOA_N
ClientSampled :

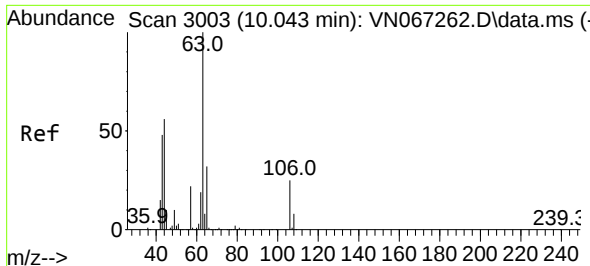
Tgt Ion:117 Resp: 44444
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 52.26 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN067274.D
Acq: 10 Jun 2021 16:13

Tgt Ion: 98 Resp: 856841
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.8

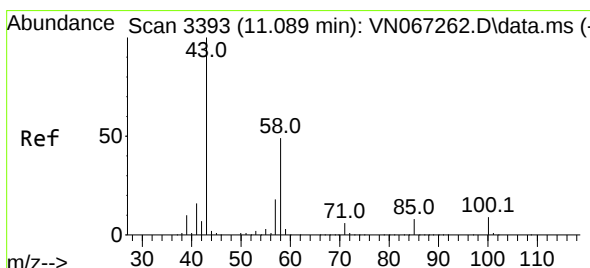
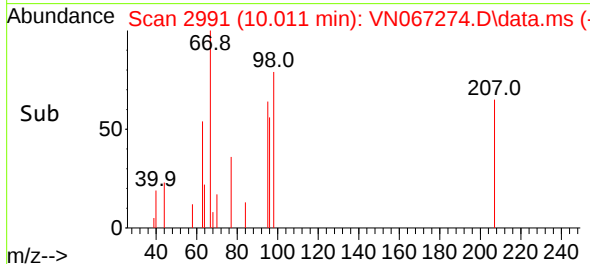
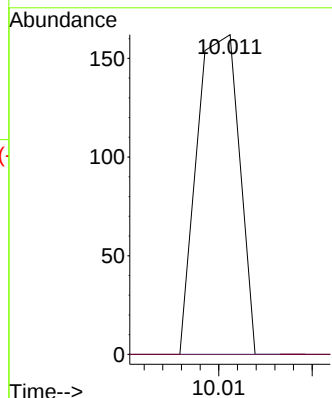
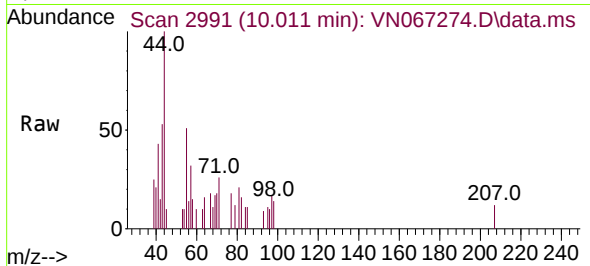




#58
2-Chloroethyl Vinyl ether
Concen: 28.11 ug/l
RT: 10.011 min Scan# 2991
Delta R.T. -0.032 min
Lab File: VN067274.D
Acq: 10 Jun 2021 16:13

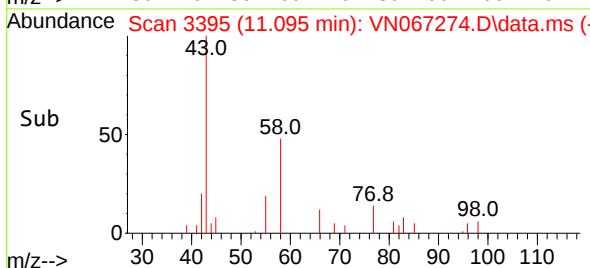
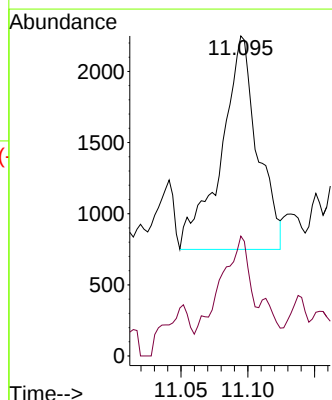
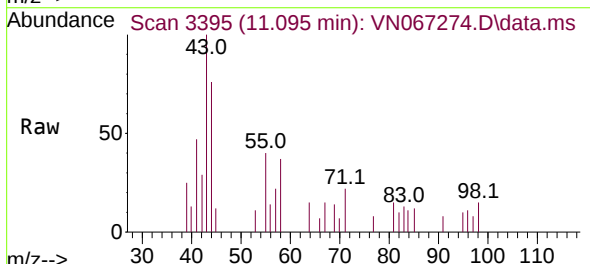
Instrument :
MSVOA_N
ClientSampled :

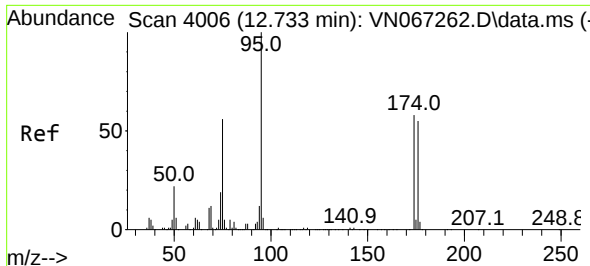
Tgt Ion: 63 Resp: 51
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 0.46 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.005 min
Lab File: VN067274.D
Acq: 10 Jun 2021 16:13

Tgt Ion: 43 Resp: 2833
Ion Ratio Lower Upper
43 100
58 35.5 29.8 89.5

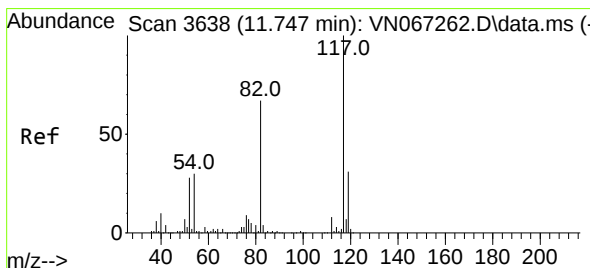
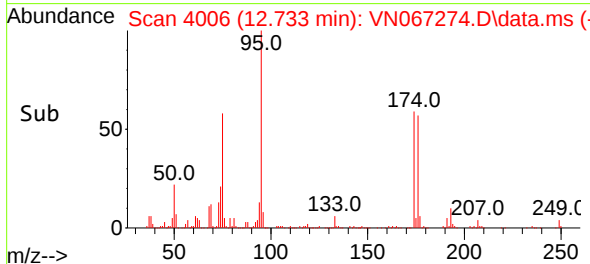
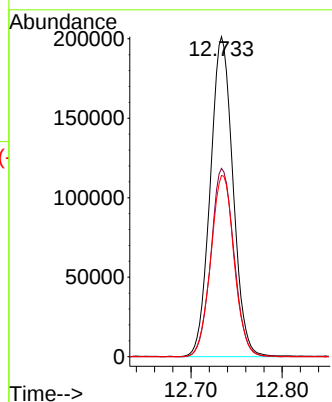
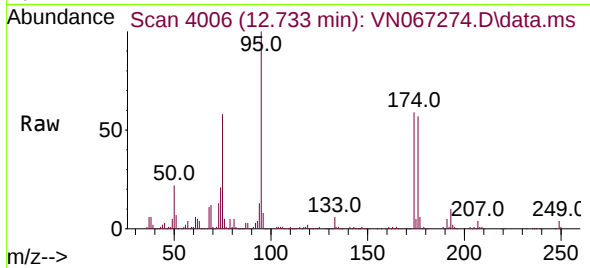




#62
4-Bromofluorobenzene
Concen: 51.04 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN067274.D
Acq: 10 Jun 2021 16:13

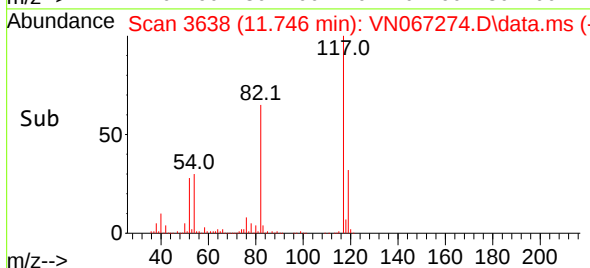
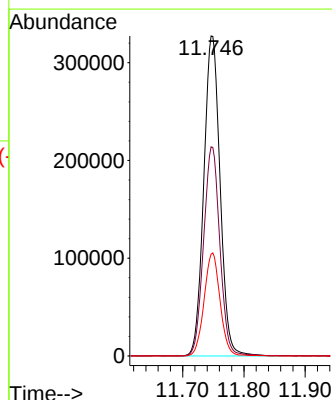
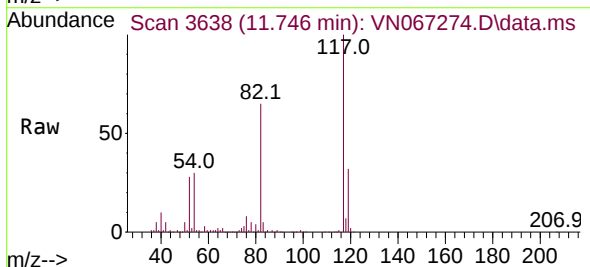
Instrument :
MSVOA_N
ClientSampleId :

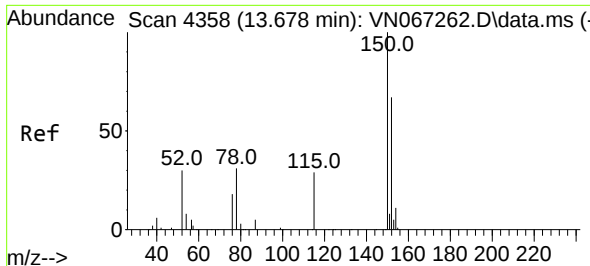
Tgt Ion: 95 Resp: 348203
Ion Ratio Lower Upper
95 100
174 59.8 0.0 182.8
176 58.3 0.0 176.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067274.D
Acq: 10 Jun 2021 16:13

Tgt Ion:117 Resp: 606097
Ion Ratio Lower Upper
117 100
82 65.3 42.2 63.2#
119 31.8 25.8 38.6

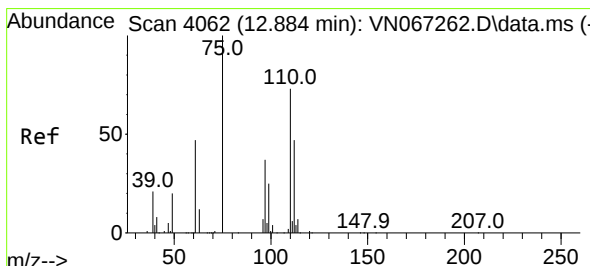
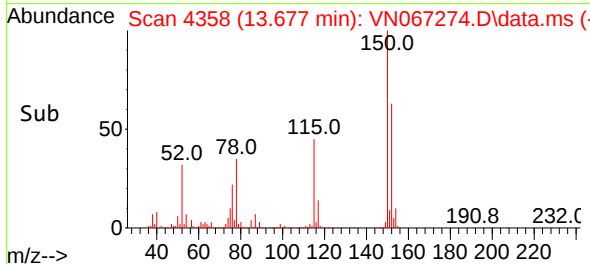
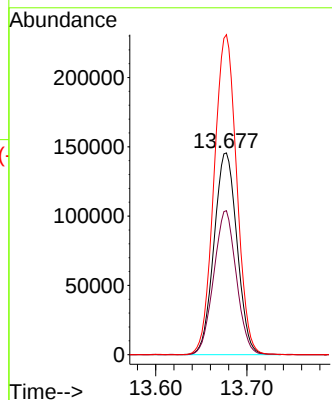
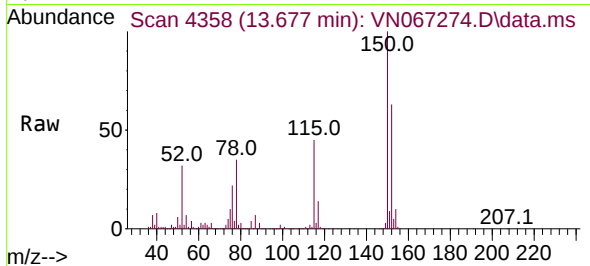




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.677 min Scan# 4358
 Delta R.T. -0.001 min
 Lab File: VN067274.D
 Acq: 10 Jun 2021 16:13

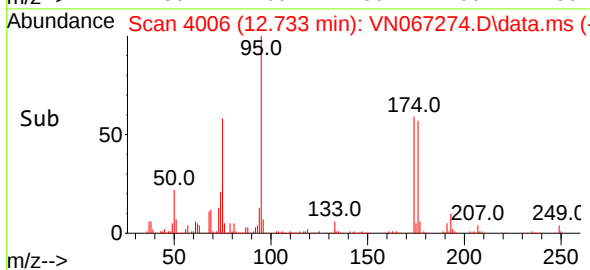
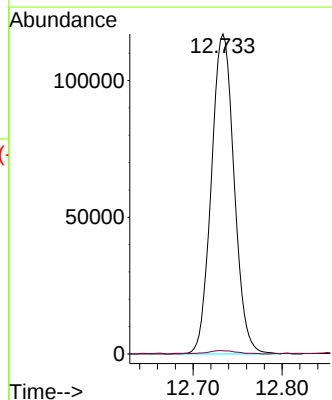
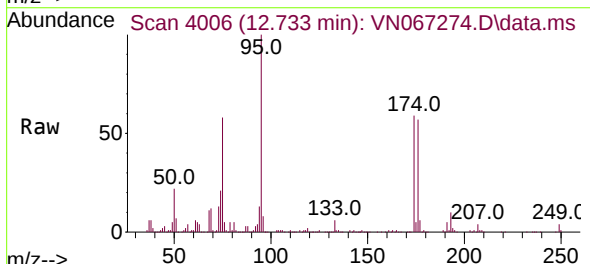
Instrument :
 MSVOA_N
 ClientSampled :

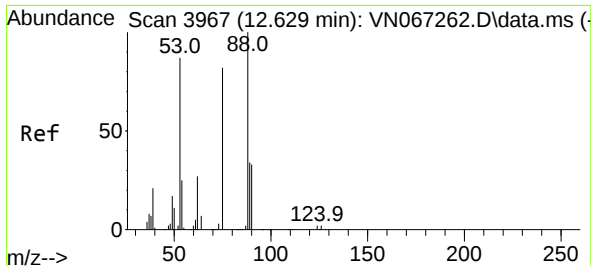
Tgt Ion:152 Resp: 255559
 Ion Ratio Lower Upper
 152 100
 115 70.2 27.0 80.8
 150 155.8 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 30.64 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. -0.150 min
 Lab File: VN067274.D
 Acq: 10 Jun 2021 16:13

Tgt Ion: 75 Resp: 207981
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#

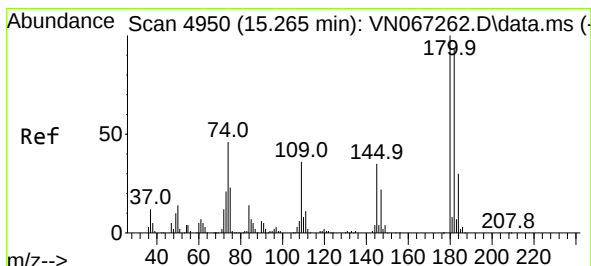
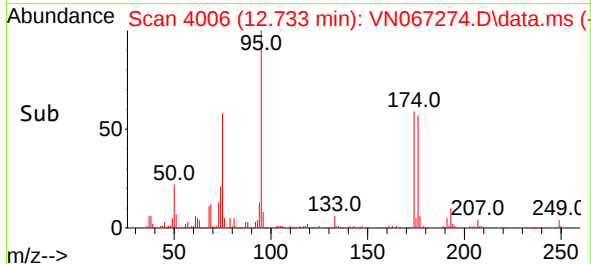
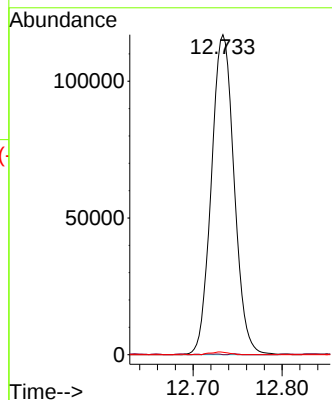
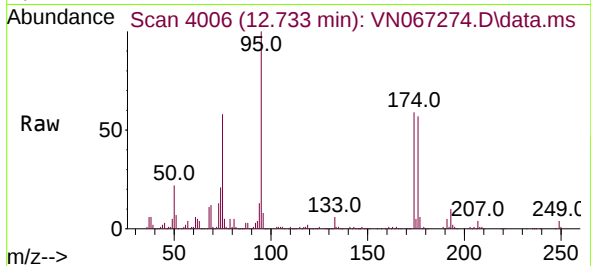




#81
trans-1,4-Dichloro-2-butene
Concen: 78.37 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067274.D
Acq: 10 Jun 2021 16:13

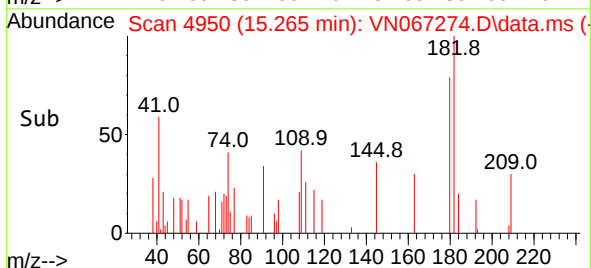
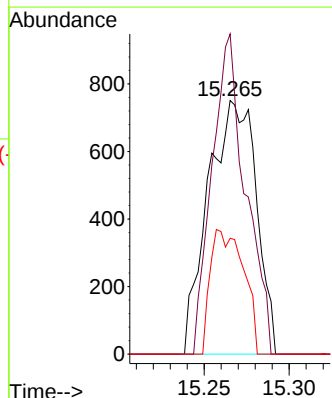
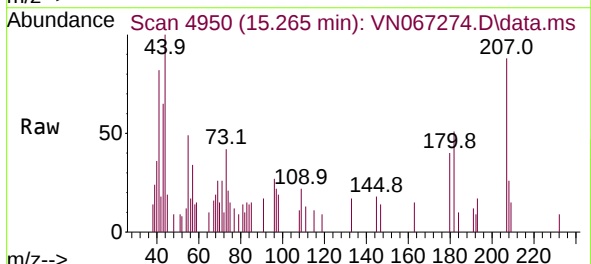
Instrument :
MSVOA_N
ClientSampleId :

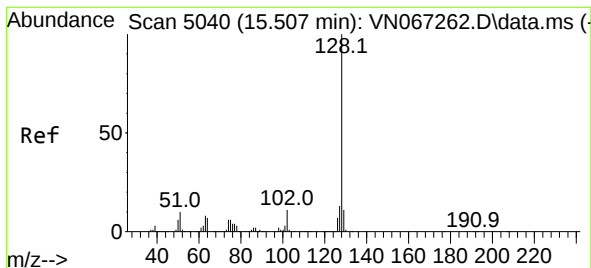
Tgt Ion: 75 Resp: 207981
Ion Ratio Lower Upper
75 100
53 0.1 66.3 99.5#
89 0.7 39.5 59.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.35 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. -0.000 min
Lab File: VN067274.D
Acq: 10 Jun 2021 16:13

Tgt Ion:180 Resp: 1477
Ion Ratio Lower Upper
180 100
182 88.2 47.3 141.8
145 33.9 14.0 42.0

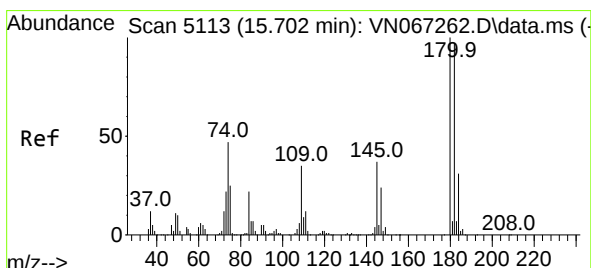
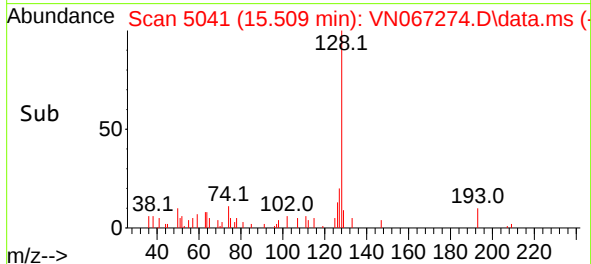
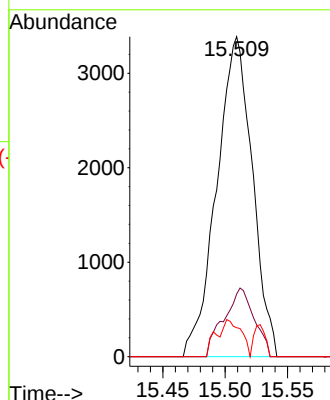
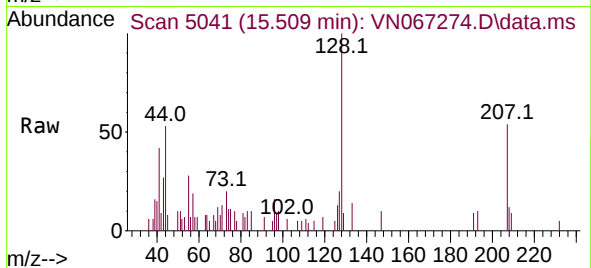




#95
Naphthalene
Concen: 5.07 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN067274.D
Acq: 10 Jun 2021 16:13

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 6728
Ion Ratio Lower Upper
128 100
127 18.3 10.2 15.2#
129 7.9 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.26 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. -0.000 min
Lab File: VN067274.D
Acq: 10 Jun 2021 16:13

Tgt Ion:180 Resp: 1030
Ion Ratio Lower Upper
180 100
182 121.1 48.5 145.6
145 13.3 15.4 46.2#

