

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072721\
 Data File : VN067928.D
 Acq On : 27 Jul 2021 15:09
 Operator : JC/MD
 Sample : M3148-02
 Misc : 5.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 28 05:20:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

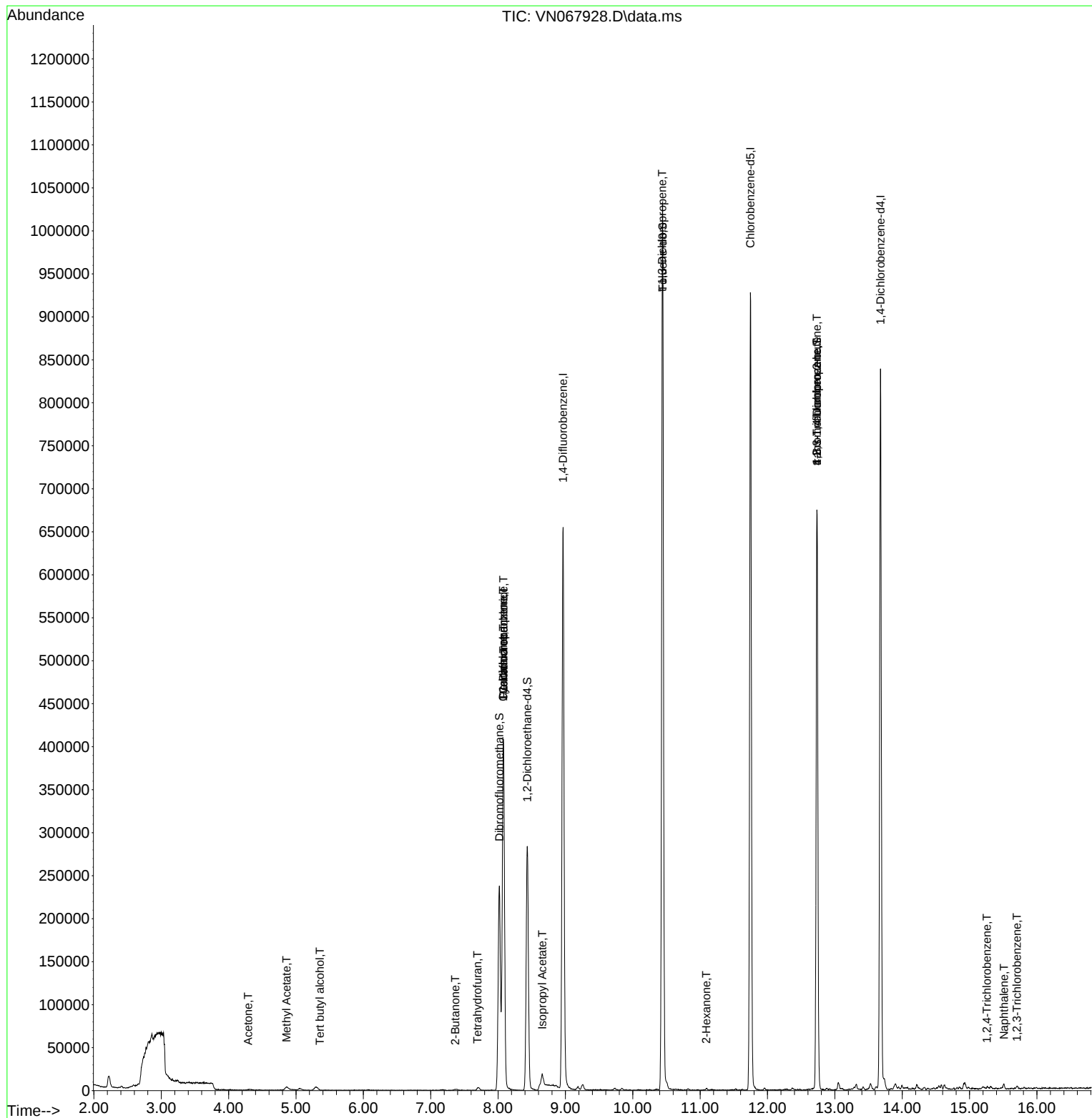
Internal Standards						
1) Pentafluorobenzene	8.080	168	298455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	580803	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	530425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	210067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	240243	53.262	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.520%			
35) Dibromofluoromethane	8.019	113	171711	48.933	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.860%			
50) Toluene-d8	10.443	98	730378	49.726	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.460%			
62) 4-Bromofluorobenzene	12.733	95	241238	46.493	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.980%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.805	94	1694	Below Cal	#	73
6) Chloroethane	2.995	64	215	Below Cal	#	44
11) Tert butyl alcohol	5.353	59	161	0.248	ug/l #	71
13) Acrolein	4.030	56	108	Below Cal	#	76
16) Acetone	4.291	43	288	0.203	ug/l #	48
18) Methyl Acetate	4.859	43	5561	1.395	ug/l #	66
20) Methylene Chloride	5.055	84	1842	Below Cal	#	66
25) 2-Butanone	7.364	43	702	0.298	ug/l #	51
29) Tetrahydrofuran	7.691	42	806	0.520	ug/l #	56
31) Cyclohexane	8.075	56	8067	1.276	ug/l #	10
36) 1,1-Dichloropropene	8.075	75	27501	5.097	ug/l #	51
38) Carbon Tetrachloride	8.078	117	33434	6.283	ug/l #	17
43) Isopropyl Acetate	8.657	43	16218	1.764	ug/l #	58
53) t-1,3-Dichloropropene	10.438	75	98	1.758	ug/l #	1
59) 2-Hexanone	11.092	43	1436	0.364	ug/l #	63
76) 1,2,3-Trichloropropane	12.733	75	133919	31.217	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	133919	100.647	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.257	180	352	2.770	ug/l #	1
95) Naphthalene	15.509	128	5032	3.472	ug/l	96
96) 1,2,3-Trichlorobenzene	15.702	180	979	2.909	ug/l #	83

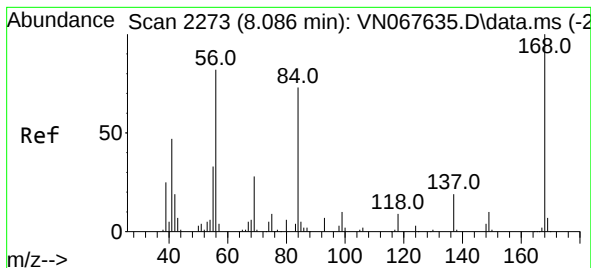
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

Quant Time: Jul 28 05:20:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
Quant Title : SW846 8260
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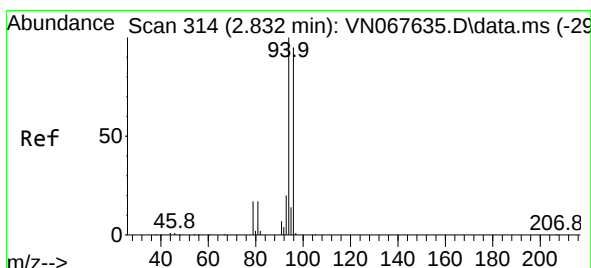
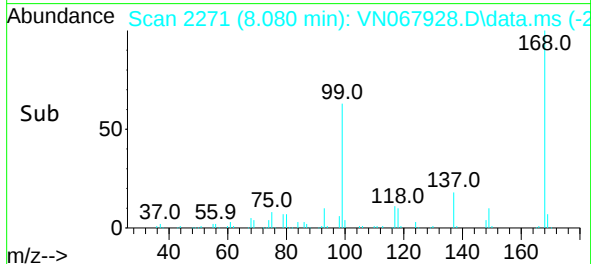
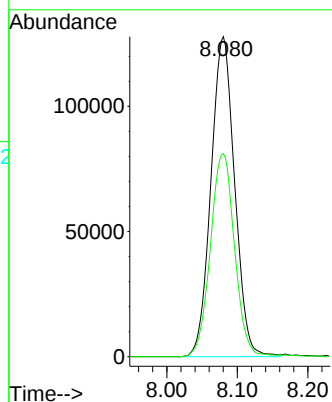
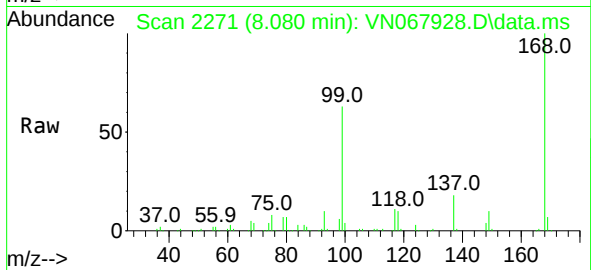




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.006 min
Lab File: VN067928.D
Acq: 27 Jul 2021 15:09

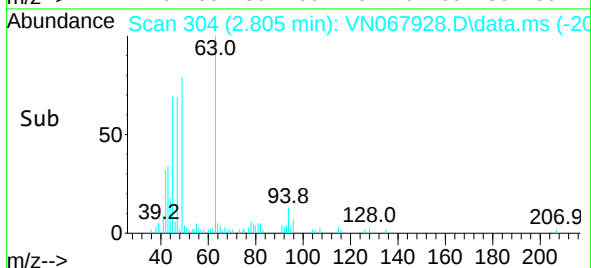
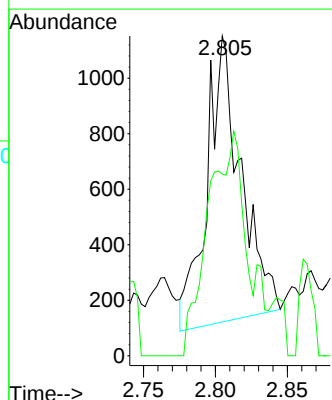
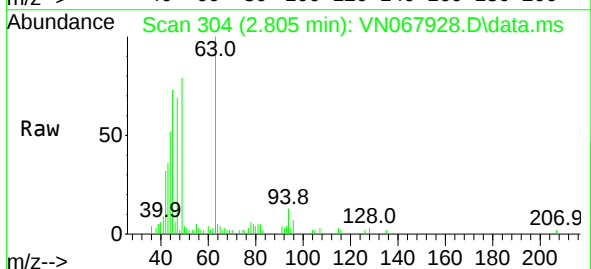
Instrument :
MSVOA_N
ClientSampled :

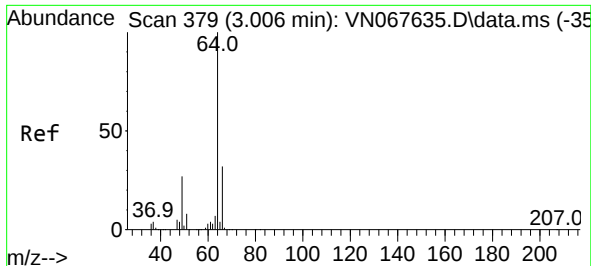
Tgt Ion:168 Resp: 298455
Ion Ratio Lower Upper
168 100
99 63.5 62.9 94.3



#5
Bromomethane
Concen: Below Cal
RT: 2.805 min Scan# 304
Delta R.T. -0.027 min
Lab File: VN067928.D
Acq: 27 Jul 2021 15:09

Tgt Ion: 94 Resp: 1694
Ion Ratio Lower Upper
94 100
96 66.5 73.7 110.5#

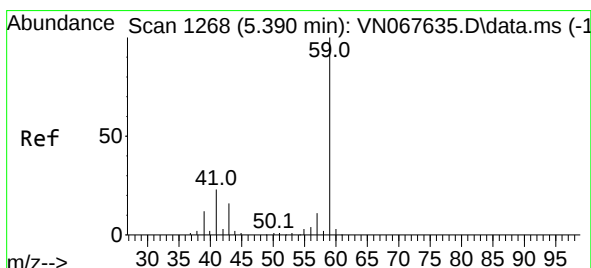
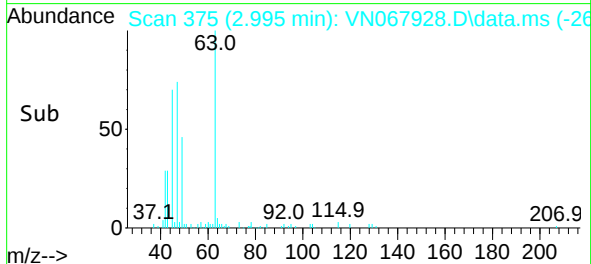
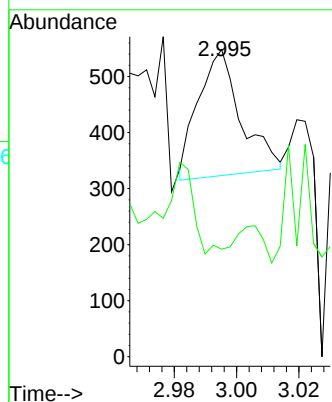
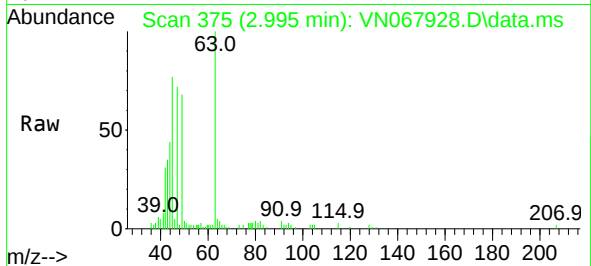




#6
Chloroethane
Concen: Below Cal
RT: 2.995 min Scan# 375
Delta R.T. -0.011 min
Lab File: VN067928.D
Acq: 27 Jul 2021 15:09

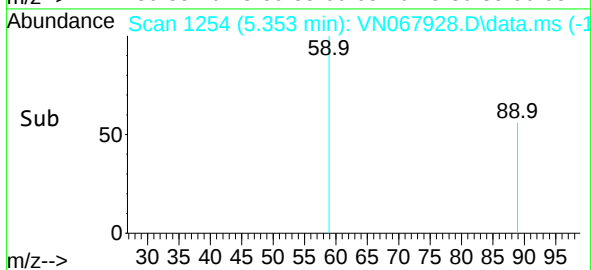
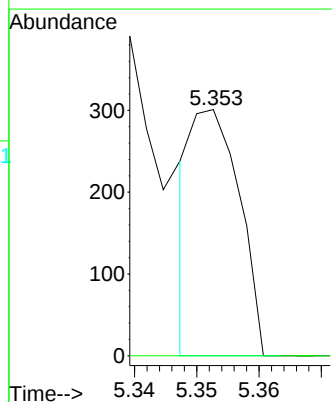
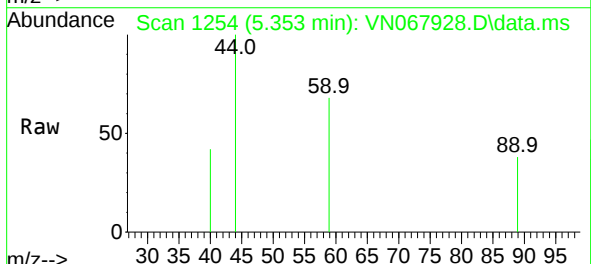
Instrument :
MSVOA_N
ClientSampled :

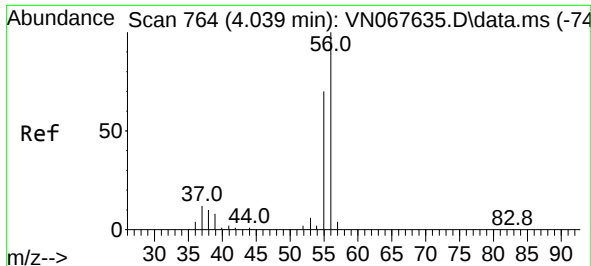
Tgt Ion: 64 Resp: 215
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#11
Tert butyl alcohol
Concen: 0.248 ug/l
RT: 5.353 min Scan# 1254
Delta R.T. -0.037 min
Lab File: VN067928.D
Acq: 27 Jul 2021 15:09

Tgt Ion: 59 Resp: 161
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

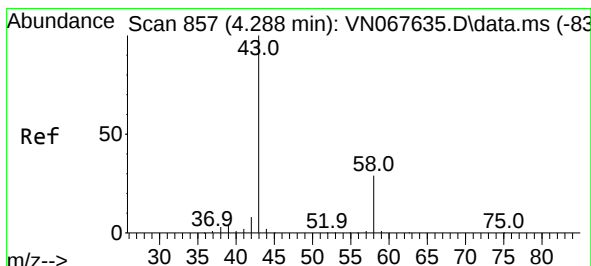
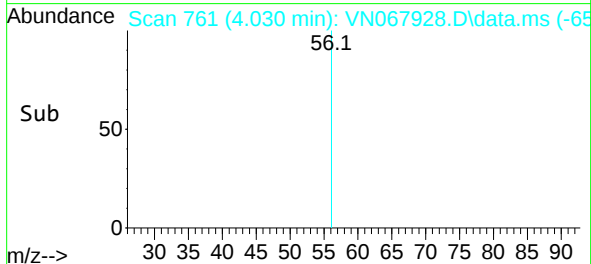
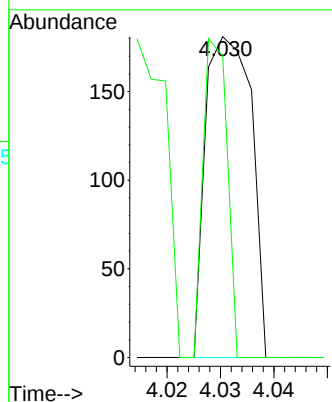
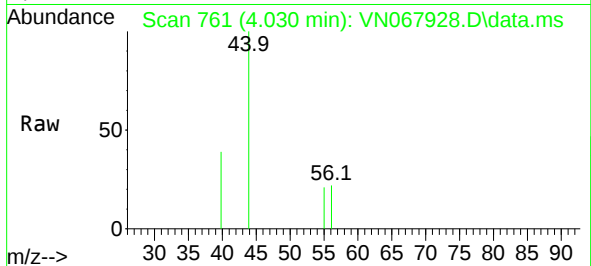




#13
Acrolein
Concen: Below Cal
RT: 4.030 min Scan# 761
Delta R.T. -0.009 min
Lab File: VN067928.D
Acq: 27 Jul 2021 15:09

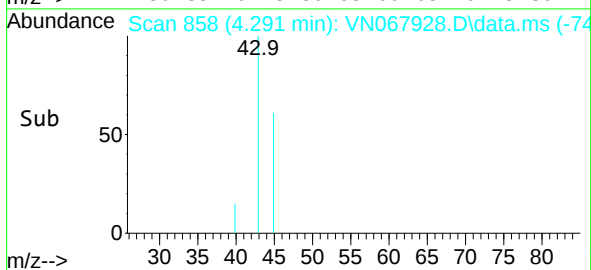
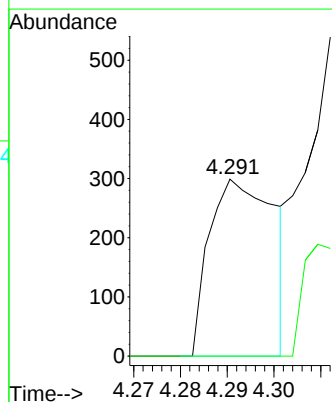
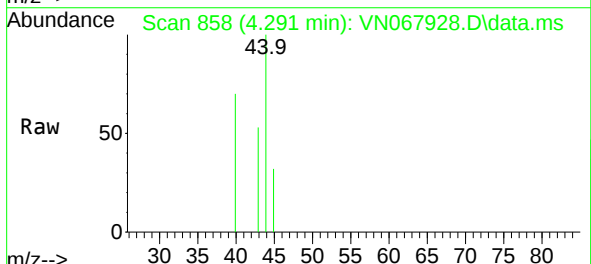
Instrument :
MSVOA_N
ClientSampled :

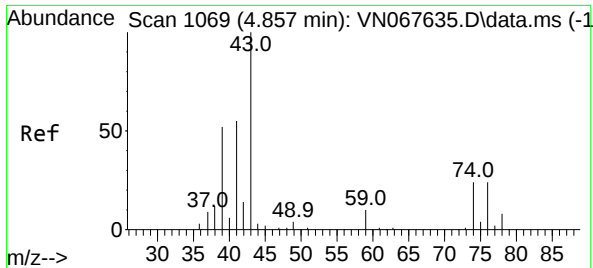
Tgt Ion: 56 Resp: 108
Ion Ratio Lower Upper
56 100
55 51.9 57.4 86.0#



#16
Acetone
Concen: 0.203 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN067928.D
Acq: 27 Jul 2021 15:09

Tgt Ion: 43 Resp: 288
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#

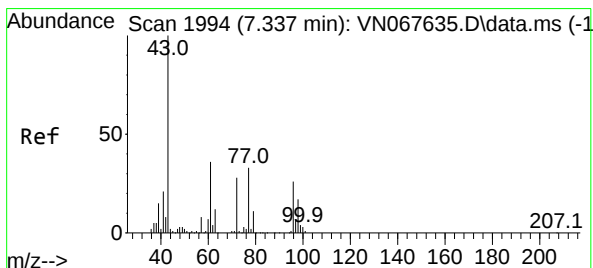
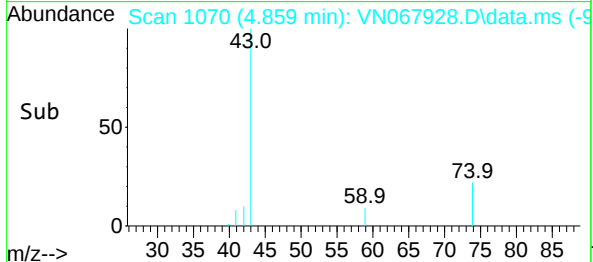
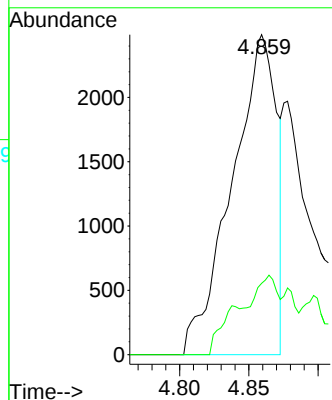
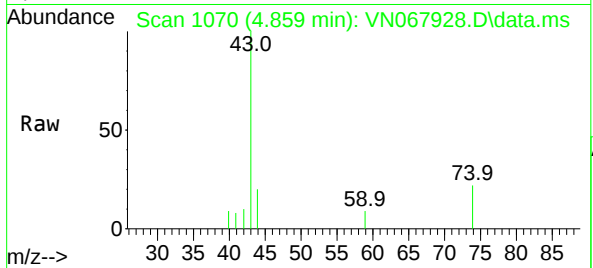




#18
Methyl Acetate
Concen: 1.395 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.002 min
Lab File: VN067928.D
Acq: 27 Jul 2021 15:09

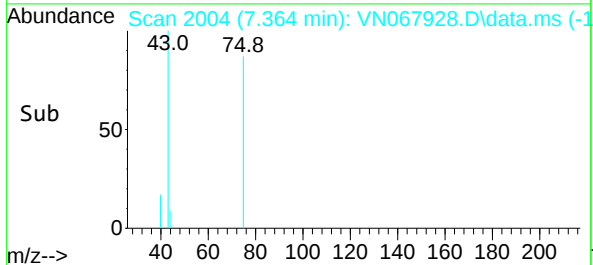
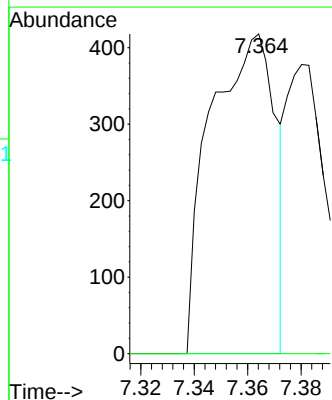
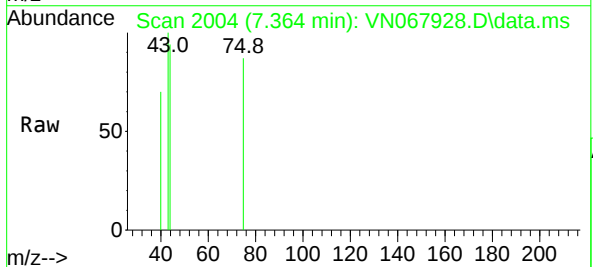
Instrument :
MSVOA_N
ClientSampleId :

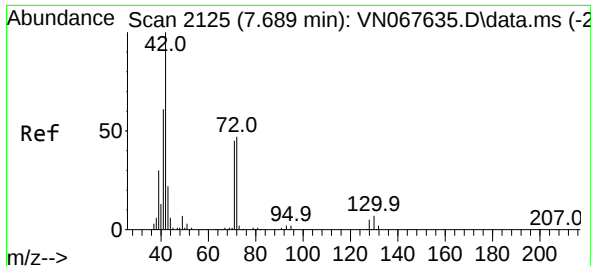
Tgt Ion: 43 Resp: 5561
Ion Ratio Lower Upper
43 100
74 5.5 17.4 26.0#



#25
2-Butanone
Concen: 0.298 ug/l
RT: 7.364 min Scan# 2004
Delta R.T. 0.027 min
Lab File: VN067928.D
Acq: 27 Jul 2021 15:09

Tgt Ion: 43 Resp: 702
Ion Ratio Lower Upper
43 100
72 0.0 19.7 29.5#





#29

Tetrahydrofuran

Concen: 0.520 ug/l

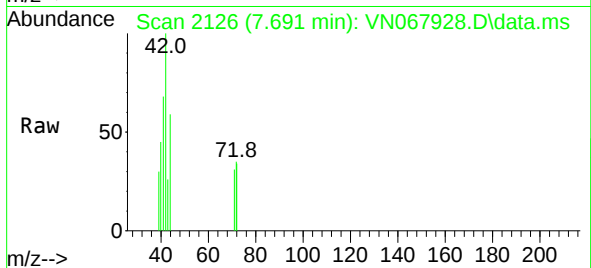
RT: 7.691 min Scan# 2126

Delta R.T. 0.002 min

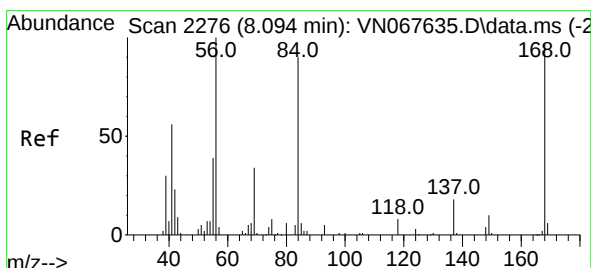
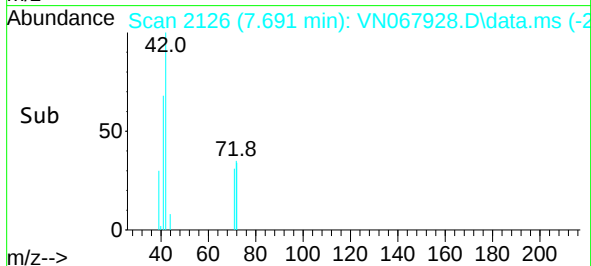
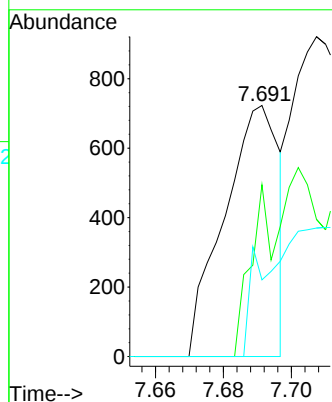
Lab File: VN067928.D

Acq: 27 Jul 2021 15:09

Instrument :
MSVOA_N
ClientSampled :



Tgt Ion:	42	Resp:	806
Ion	Ratio	Lower	Upper
42	100		
72	25.4	32.8	49.2#
71	0.0	31.2	46.8#



#31

Cyclohexane

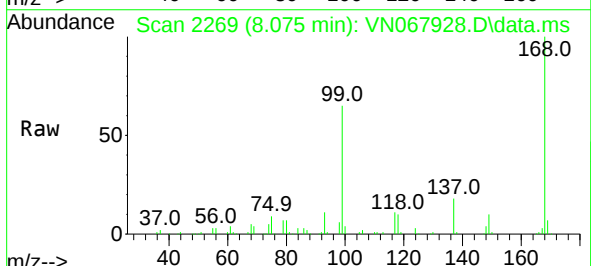
Concen: 1.276 ug/l

RT: 8.075 min Scan# 2269

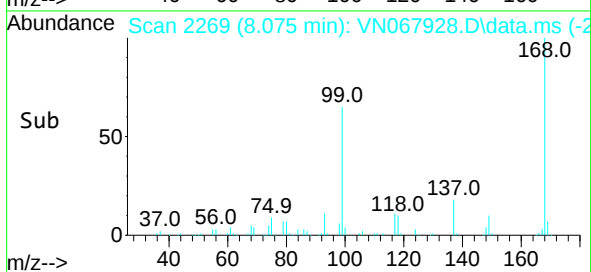
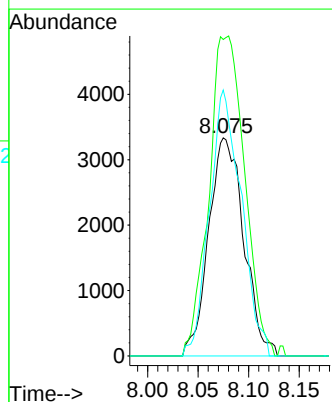
Delta R.T. -0.019 min

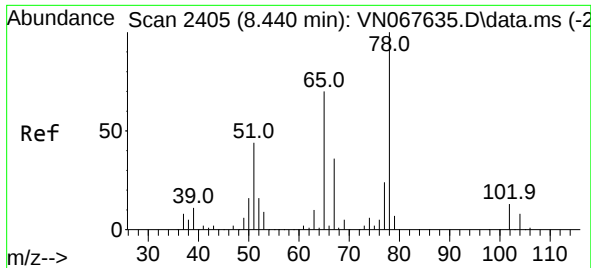
Lab File: VN067928.D

Acq: 27 Jul 2021 15:09



Tgt Ion:	56	Resp:	8067
Ion	Ratio	Lower	Upper
56	100		
69	145.1	27.3	40.9#
84	122.0	64.9	97.3#

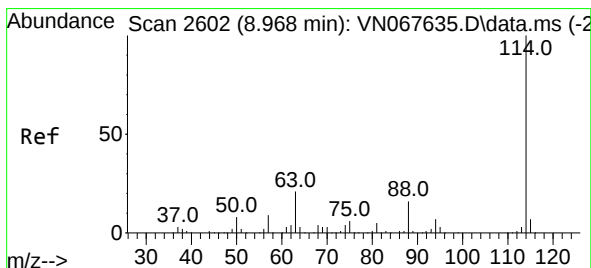
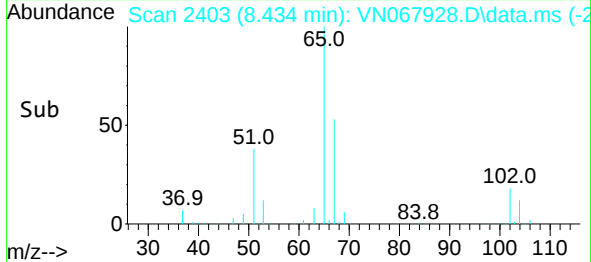
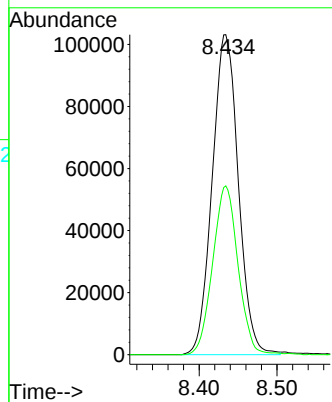
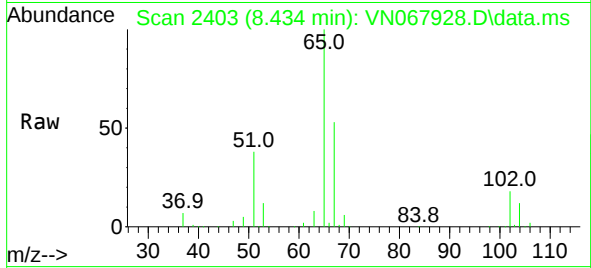




#33
 1,2-Dichloroethane-d4
 Concen: 53.262 ug/l
 RT: 8.434 min Scan# 2403
 Delta R.T. -0.006 min
 Lab File: VN067928.D
 Acq: 27 Jul 2021 15:09

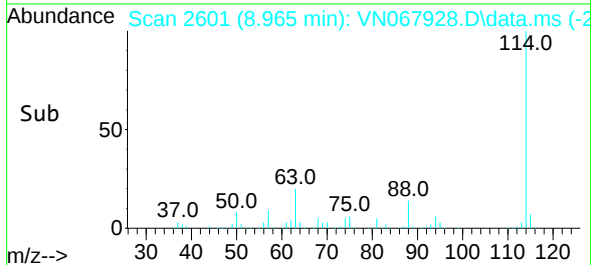
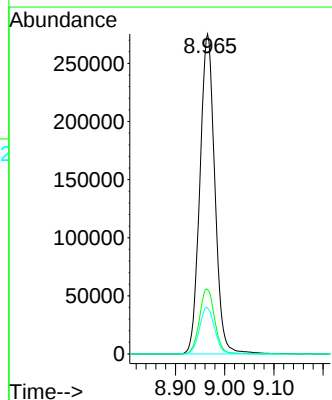
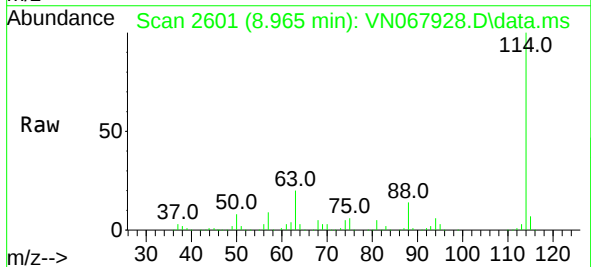
Instrument :
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 ClientSampleId :

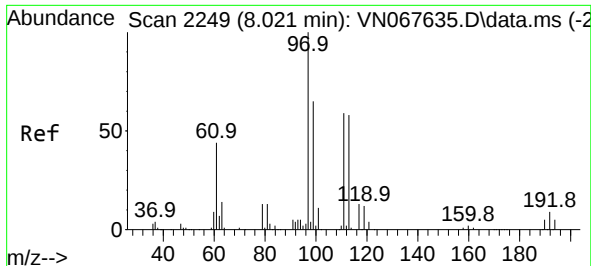
Tgt Ion: 65 Resp: 240243
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.965 min Scan# 2601
 Delta R.T. -0.003 min
 Lab File: VN067928.D
 Acq: 27 Jul 2021 15:09

Tgt Ion: 114 Resp: 580803
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 49.0
 88 14.4 0.0 36.6

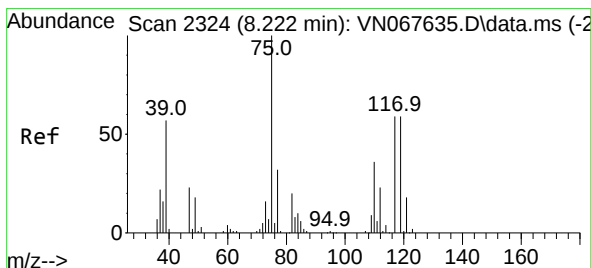
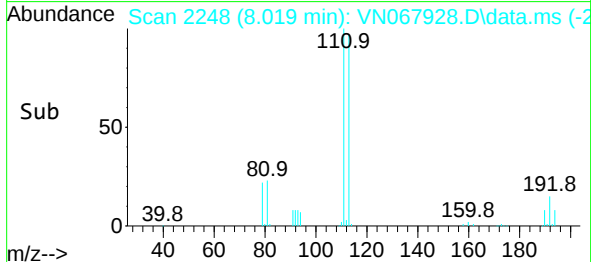
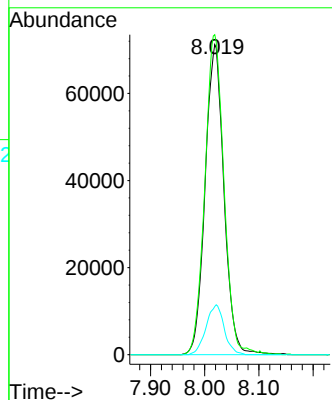
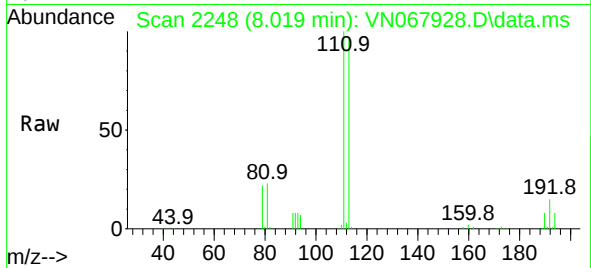




#35
Dibromofluoromethane
Concen: 48.933 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.002 min
Lab File: VN067928.D
Acq: 27 Jul 2021 15:09

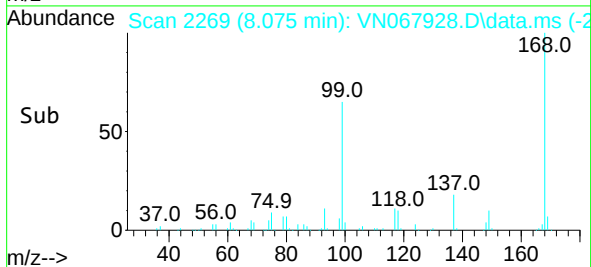
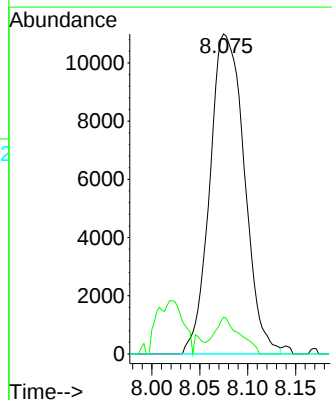
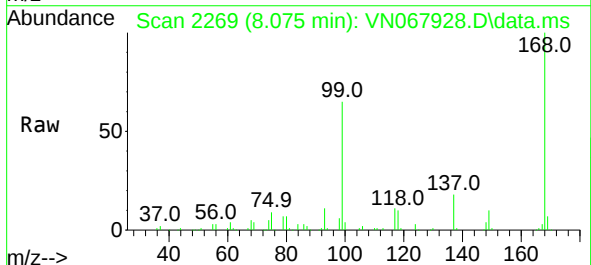
Instrument :
MSVOA_N
ClientSampleId :

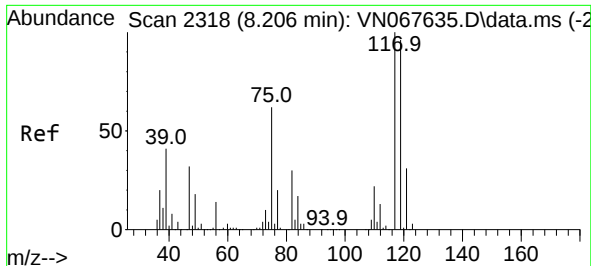
Tgt Ion:113 Resp: 171711
Ion Ratio Lower Upper
113 100
111 104.5 83.8 125.8
192 15.6 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.097 ug/l
RT: 8.075 min Scan# 2269
Delta R.T. -0.147 min
Lab File: VN067928.D
Acq: 27 Jul 2021 15:09

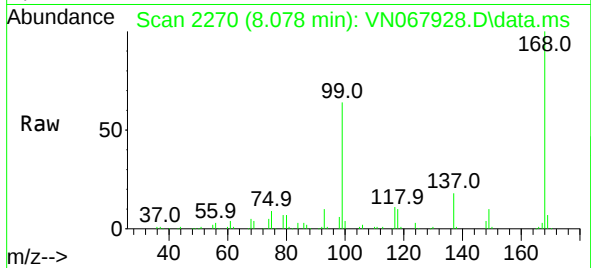
Tgt Ion: 75 Resp: 27501
Ion Ratio Lower Upper
75 100
110 8.3 15.7 47.0#
77 0.0 24.6 37.0#



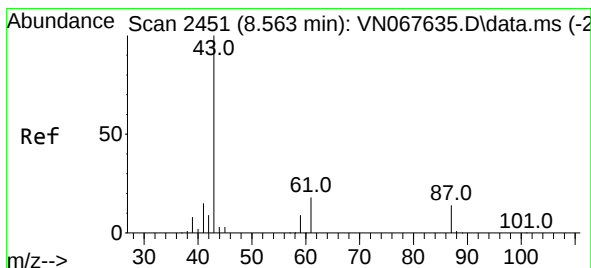
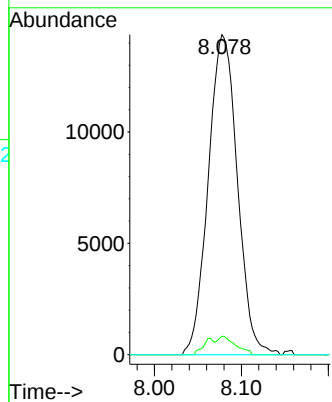
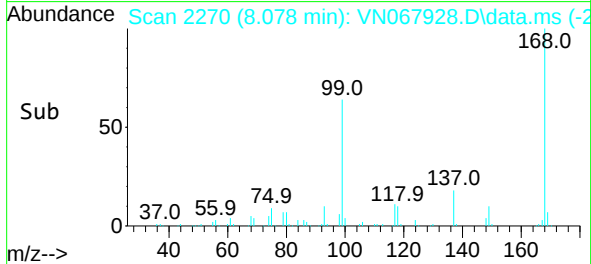


#38
Carbon Tetrachloride
Concen: 6.283 ug/l
RT: 8.078 min Scan# 2270
Delta R.T. -0.128 min
Lab File: VN067928.D
Acq: 27 Jul 2021 15:09

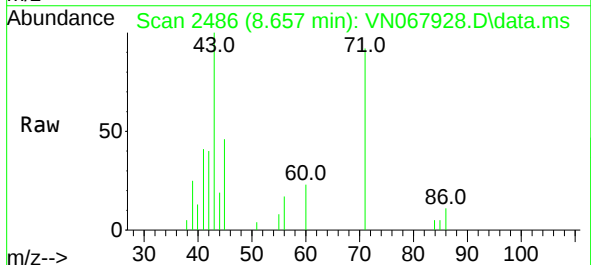
Instrument :
MSVOA_N
ClientSampled :



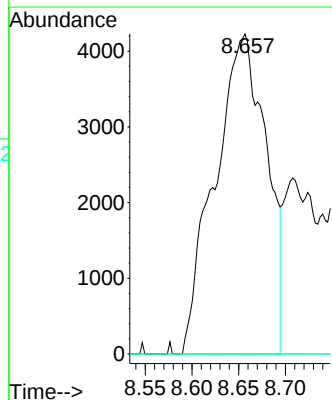
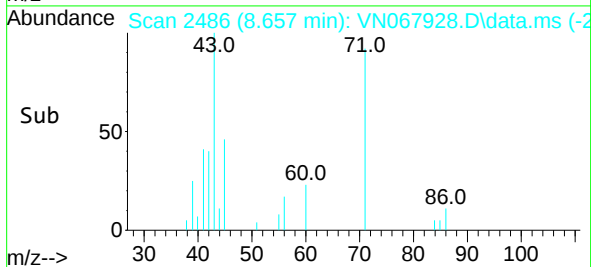
Tgt Ion:117 Resp: 33434
Ion Ratio Lower Upper
117 100
119 5.8 75.4 113.2#
121 0.0 23.5 35.3#

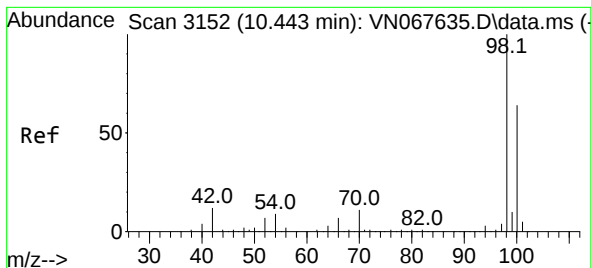


#43
Isopropyl Acetate
Concen: 1.764 ug/l
RT: 8.657 min Scan# 2486
Delta R.T. 0.094 min
Lab File: VN067928.D
Acq: 27 Jul 2021 15:09



Tgt Ion: 43 Resp: 16218
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#

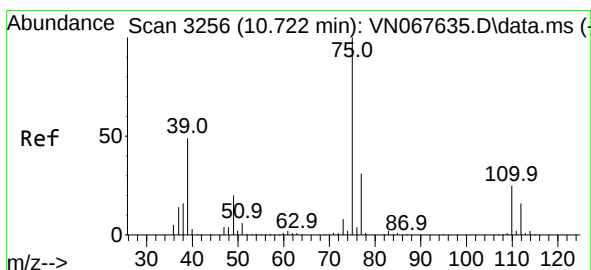
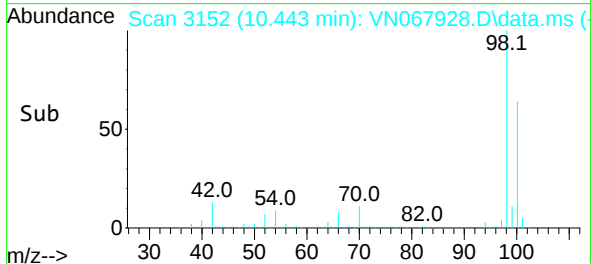
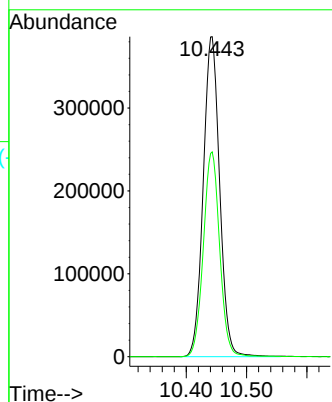
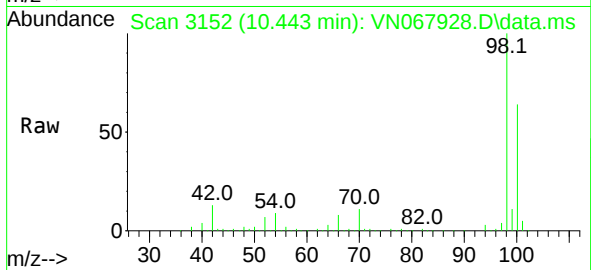




#50
Toluene-d8
Concen: 49.726 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067928.D
Acq: 27 Jul 2021 15:09

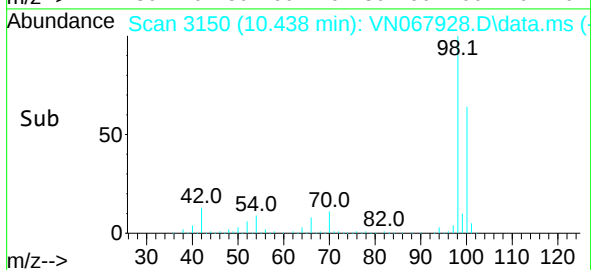
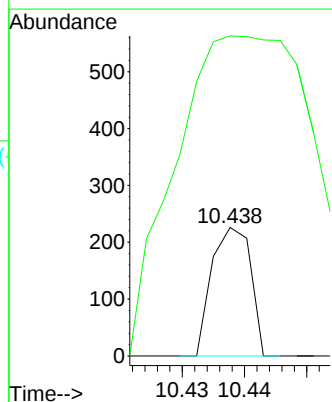
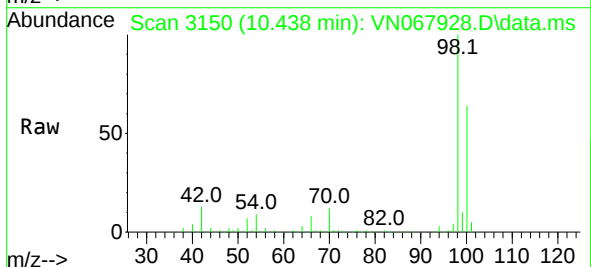
Instrument :
MSVOA_N
ClientSampled :

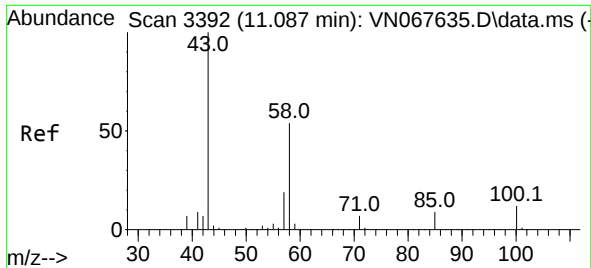
Tgt Ion: 98 Resp: 730378
Ion Ratio Lower Upper
98 100
100 63.6 51.7 77.5



#53
t-1,3-Dichloropropene
Concen: 1.758 ug/l
RT: 10.438 min Scan# 3150
Delta R.T. -0.284 min
Lab File: VN067928.D
Acq: 27 Jul 2021 15:09

Tgt Ion: 75 Resp: 98
Ion Ratio Lower Upper
75 100
77 92.5 25.1 37.7#

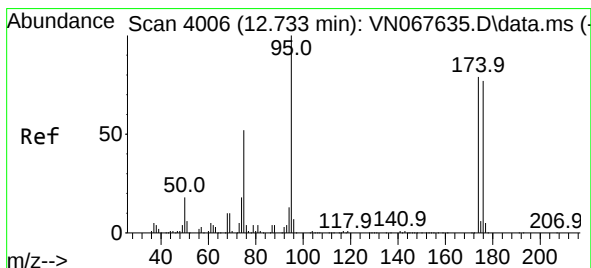
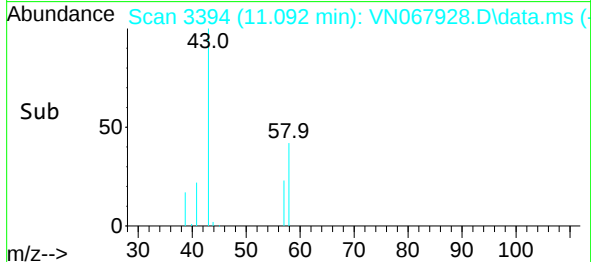
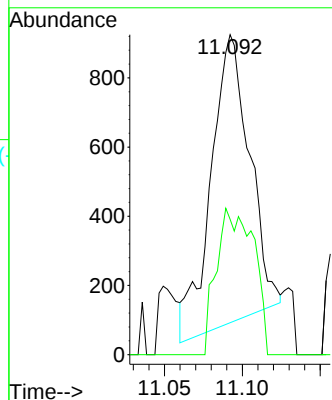
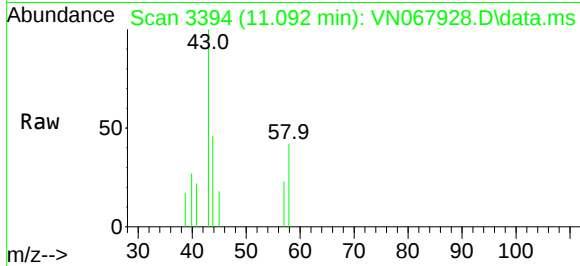




#59
2-Hexanone
Concen: 0.364 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN067928.D
Acq: 27 Jul 2021 15:09

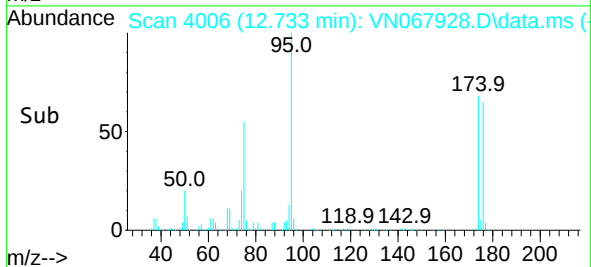
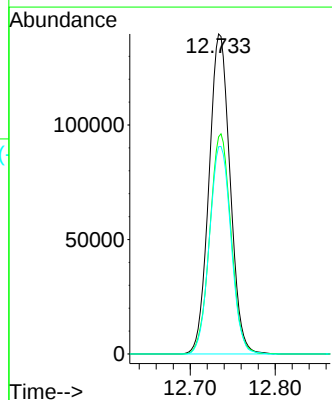
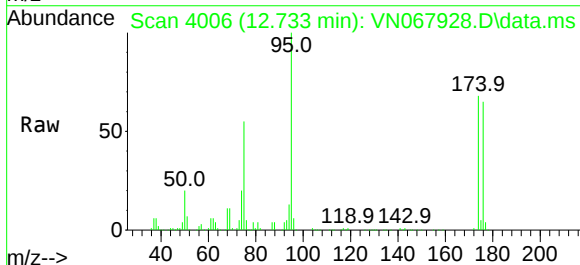
Instrument :
MSVOA_N
ClientSampled :

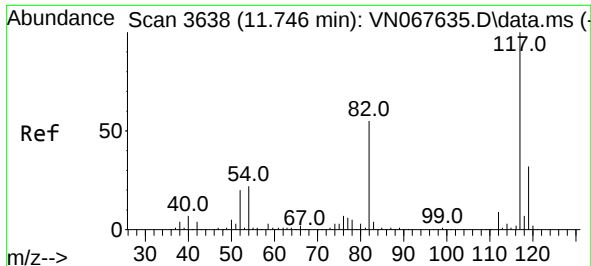
Tgt Ion: 43 Resp: 1436
Ion Ratio Lower Upper
43 100
58 24.4 24.7 74.1#



#62
4-Bromofluorobenzene
Concen: 46.493 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067928.D
Acq: 27 Jul 2021 15:09

Tgt Ion: 95 Resp: 241238
Ion Ratio Lower Upper
95 100
174 69.3 0.0 122.0
176 66.3 0.0 117.6

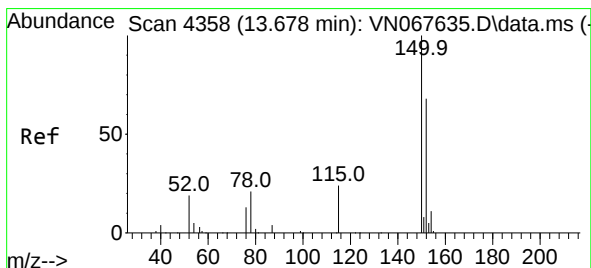
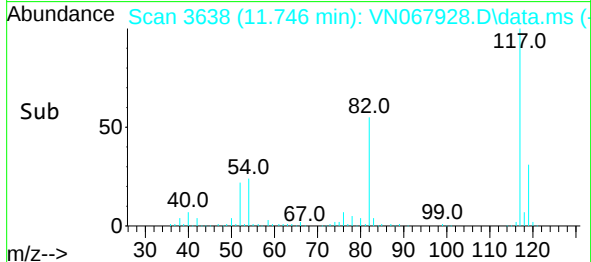
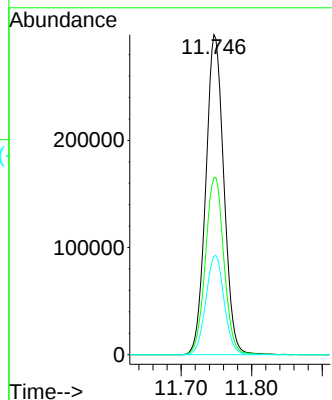
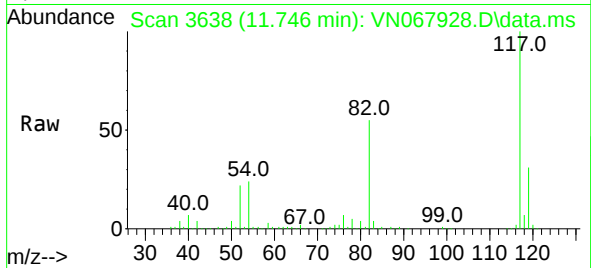




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067928.D
Acq: 27 Jul 2021 15:09

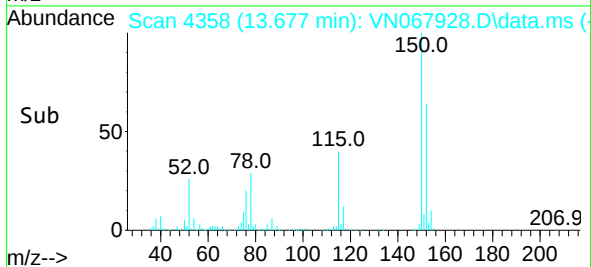
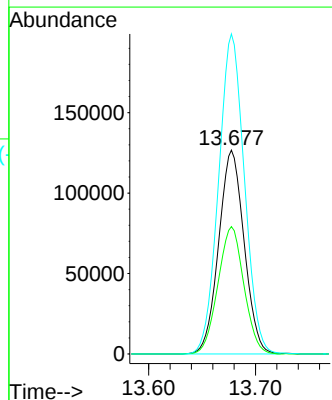
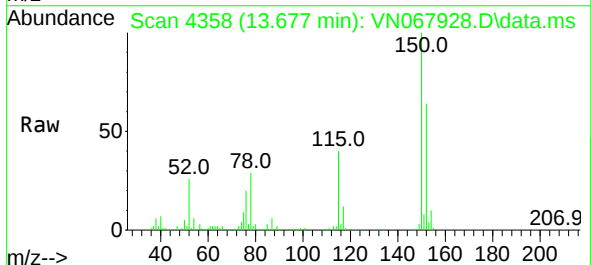
Instrument :
MSVOA_N
ClientSampleId :

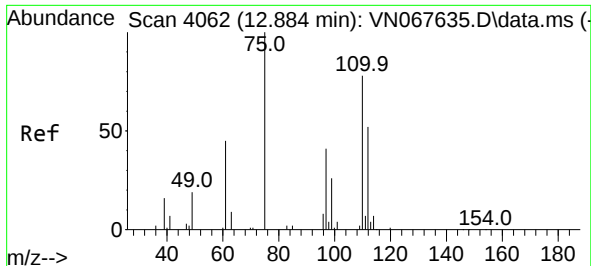
Tgt Ion:117 Resp: 530425
Ion Ratio Lower Upper
117 100
82 55.3 53.1 79.7
119 30.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN067928.D
Acq: 27 Jul 2021 15:09

Tgt Ion:152 Resp: 210067
Ion Ratio Lower Upper
152 100
115 63.5 36.1 108.5
150 159.0 0.0 351.8

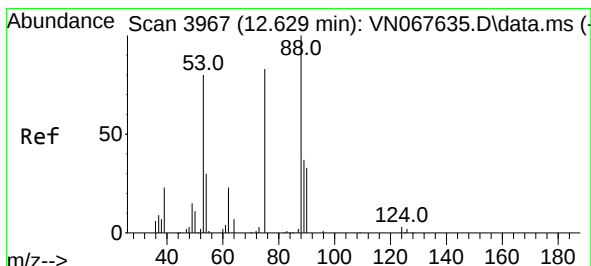
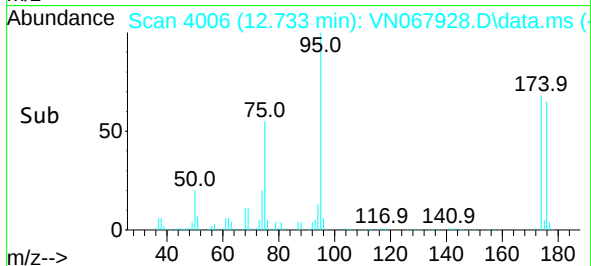
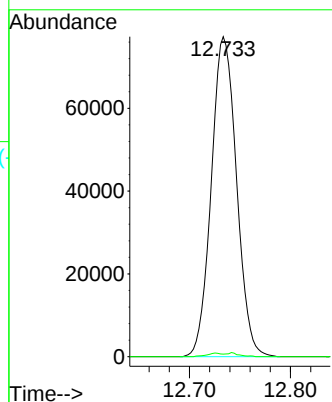
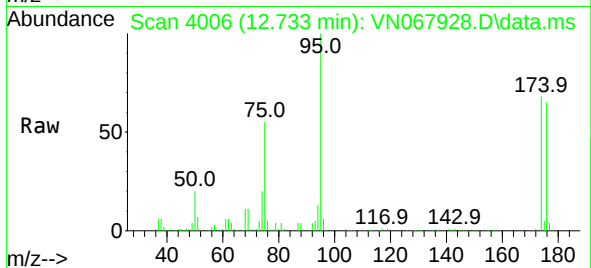




#76
1,2,3-Trichloropropane
Concen: 31.217 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN067928.D
Acq: 27 Jul 2021 15:09

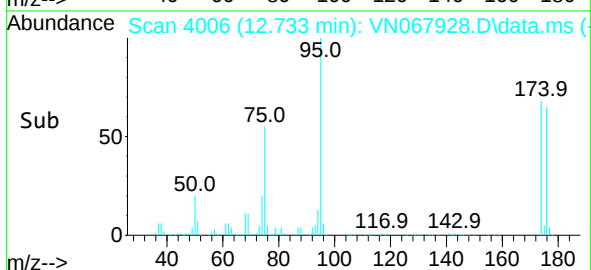
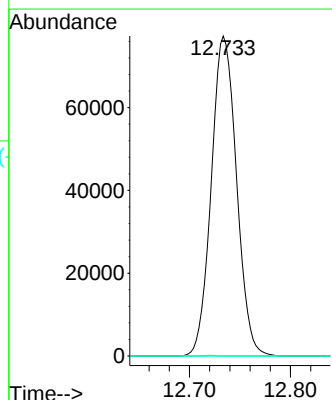
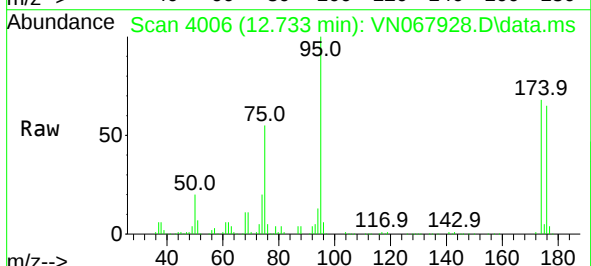
Instrument :
MSVOA_N
ClientSampled :

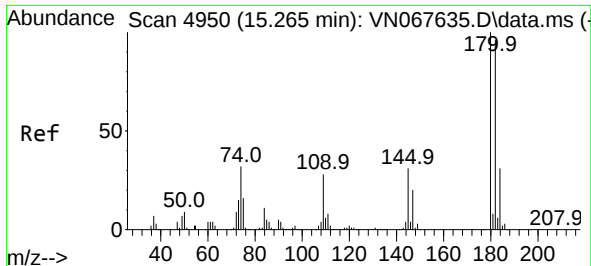
Tgt Ion: 75 Resp: 133919
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.647 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067928.D
Acq: 27 Jul 2021 15:09

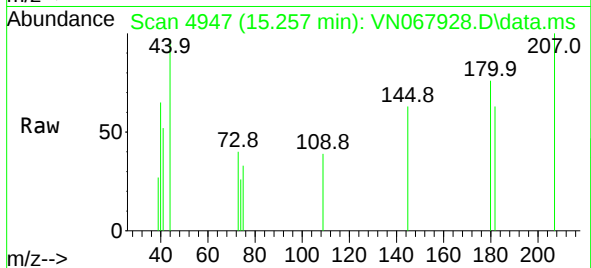
Tgt Ion: 75 Resp: 133919
Ion Ratio Lower Upper
75 100
53 0.1 87.6 131.4#
89 0.0 37.8 56.8#



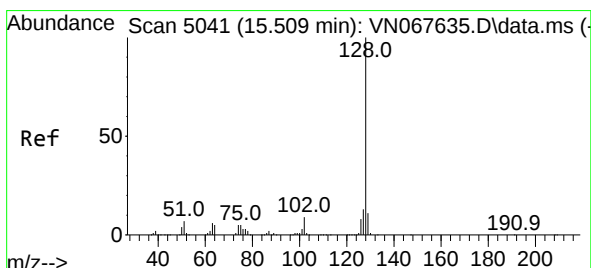
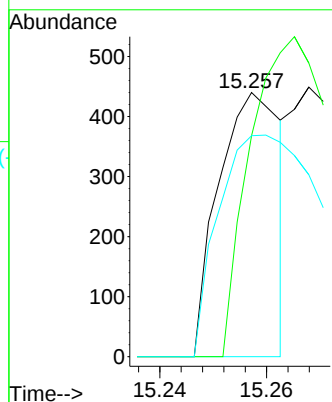
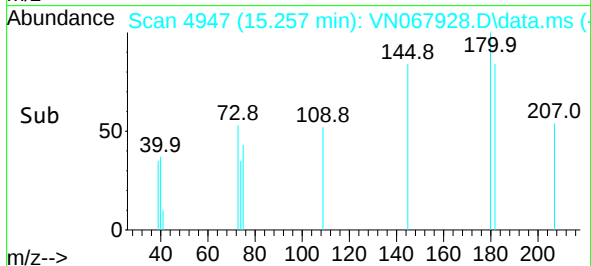


#93
1,2,4-Trichlorobenzene
Concen: 2.770 ug/l
RT: 15.257 min Scan# 4947
Delta R.T. -0.008 min
Lab File: VN067928.D
Acq: 27 Jul 2021 15:09

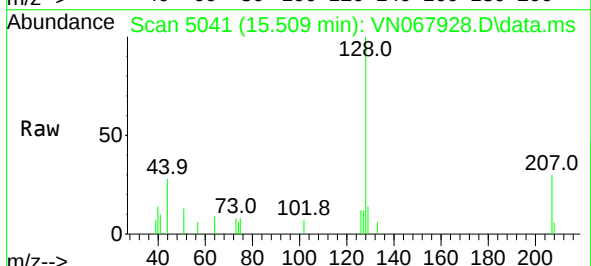
Instrument :
MSVOA_N
ClientSampled :



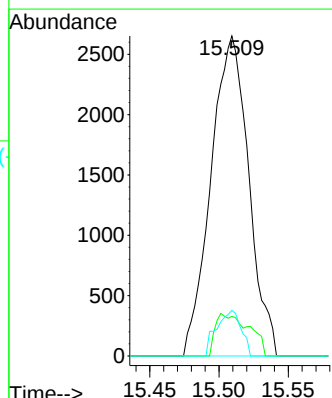
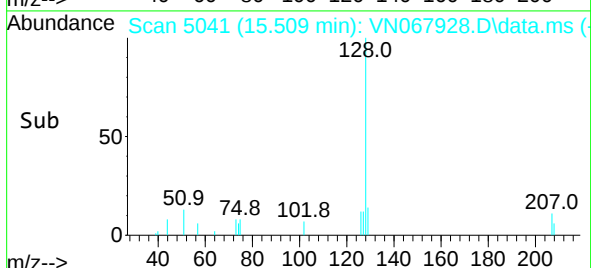
Tgt Ion:180 Resp: 352
Ion Ratio Lower Upper
180 100
182 200.3 47.5 142.5#
145 150.9 17.2 51.6#

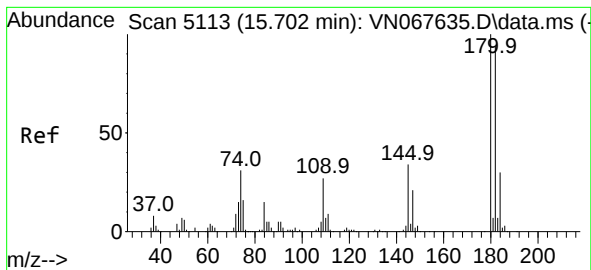


#95
Naphthalene
Concen: 3.472 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN067928.D
Acq: 27 Jul 2021 15:09



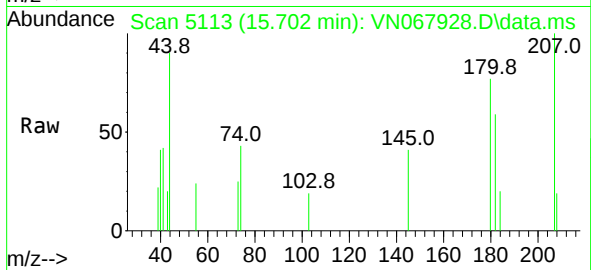
Tgt Ion:128 Resp: 5032
Ion Ratio Lower Upper
128 100
127 11.7 10.6 15.8
129 9.3 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 2.909 ug/l
 RT: 15.702 min Scan# 5113
 Delta R.T. 0.000 min
 Lab File: VN067928.D
 Acq: 27 Jul 2021 15:09

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	979
Ion	Ratio	Lower	Upper
180	100		
182	85.2	47.8	143.3
145	56.3	18.2	54.6#

