

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081721\
 Data File : VN068166.D
 Acq On : 18 Aug 2021 1:52
 Operator : JC/MD
 Sample : M3435-35
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2021-08-12-EB-03

Quant Time: Aug 18 08:40:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

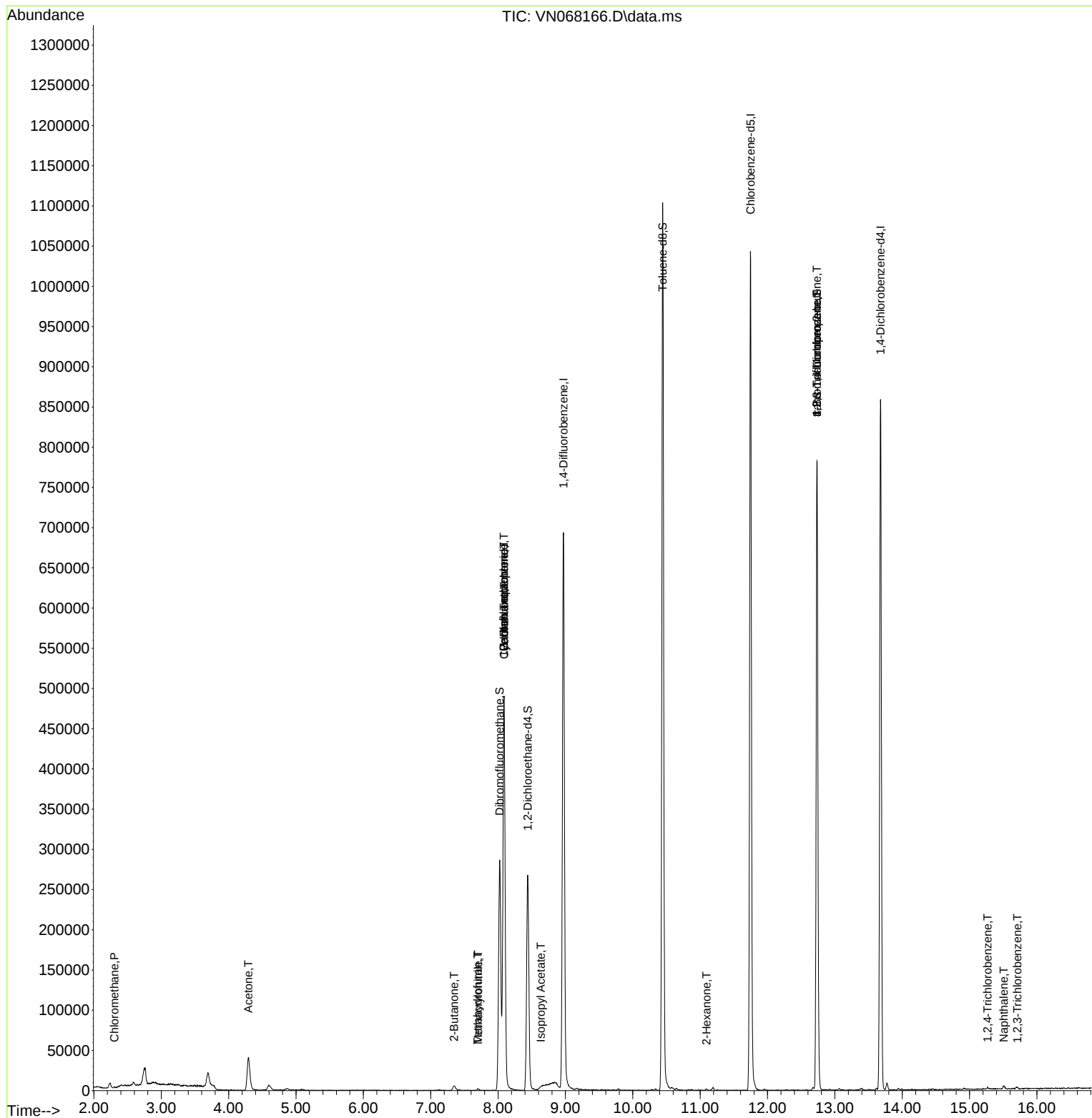
Internal Standards						
1) Pentafluorobenzene	8.088	168	406317	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	671813	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	670010	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	260115	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	226472	52.202	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.400%			
35) Dibromofluoromethane	8.024	113	206494	48.957	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.920%			
50) Toluene-d8	10.443	98	809167	50.348	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.700%			
62) 4-Bromofluorobenzene	12.733	95	269409	50.356	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.720%			
Target Compounds					Qvalue	
3) Chloromethane	2.303	50	1070	0.294	ug/l	93
5) Bromomethane	2.837	94	226	Below Cal	#	4
6) Chloroethane	2.995	64	24	Below Cal	#	44
13) Acrolein	4.041	56	203	Below Cal	#	42
16) Acetone	4.293	43	75767	59.816	ug/l	# 89
18) Methyl Acetate	4.859	43	2093	Below Cal	#	66
20) Methylene Chloride	5.098	84	381	Below Cal	#	40
25) 2-Butanone	7.345	43	9857	4.993	ug/l	97
29) Tetrahydrofuran	7.697	42	1139	0.902	ug/l	# 66
31) Cyclohexane	8.091	56	6967	1.219	ug/l	# 1
36) 1,1-Dichloropropene	8.085	75	27192	4.951	ug/l	# 53
38) Carbon Tetrachloride	8.088	117	37409	5.906	ug/l	# 17
41) Methacrylonitrile	7.705	41	722	0.338	ug/l	# 33
43) Isopropyl Acetate	8.635	43	2546	0.340	ug/l	# 58
59) 2-Hexanone	11.095	43	1513	0.473	ug/l	82
76) 1,2,3-Trichloropropane	12.733	75	136209	31.505	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.733	75	136209	103.216	ug/l	# 6
93) 1,2,4-Trichlorobenzene	15.268	180	943	2.891	ug/l	# 85
95) Naphthalene	15.507	128	4091	3.718	ug/l	# 94
96) 1,2,3-Trichlorobenzene	15.710	180	918	3.042	ug/l	# 19

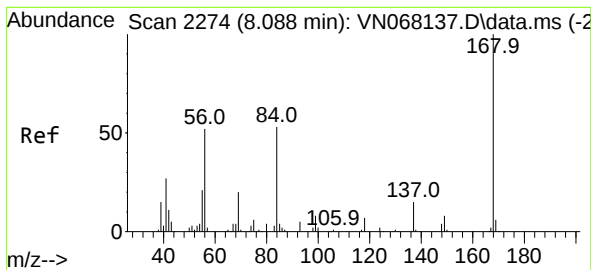
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081721\
Data File : VN068166.D
Acq On : 18 Aug 2021 1:52
Operator : JC/MD
Sample : M3435-35
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
2021-08-12-EB-03

Quant Time: Aug 18 08:40:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 13:09:49 2021
Response via : Initial Calibration

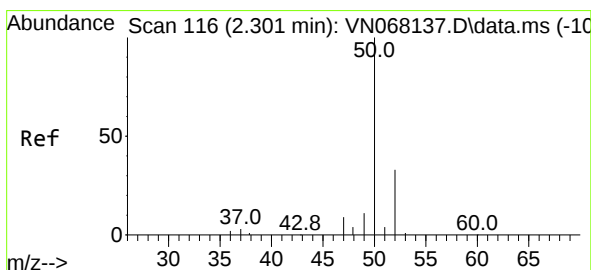
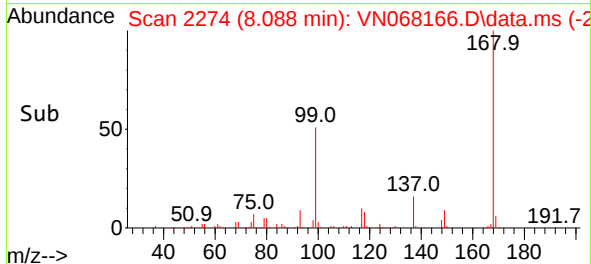
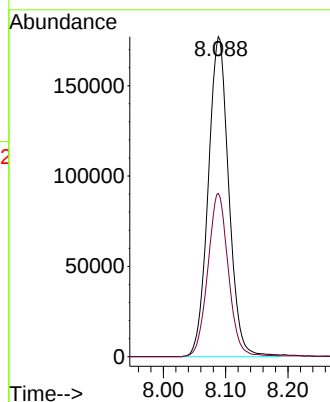
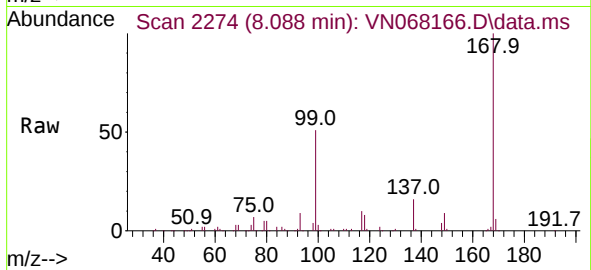




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068166.D
Acq: 18 Aug 2021 1:52

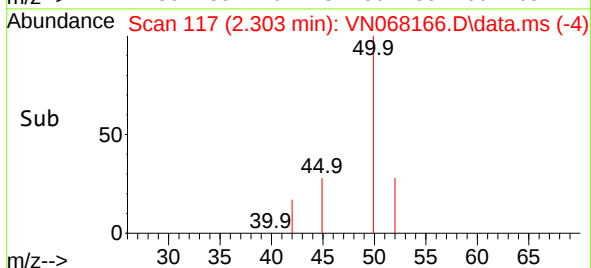
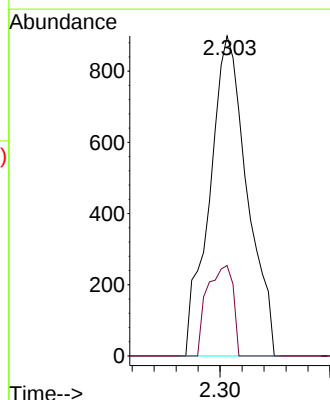
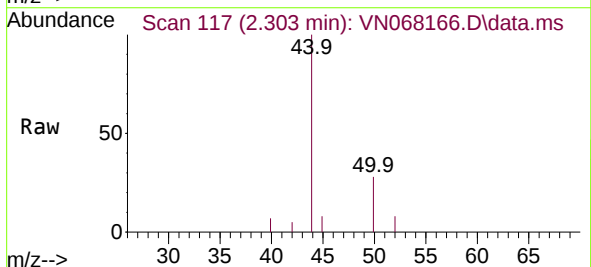
Instrument :
MSVOA_N
ClientSampleId :
2021-08-12-EB-03

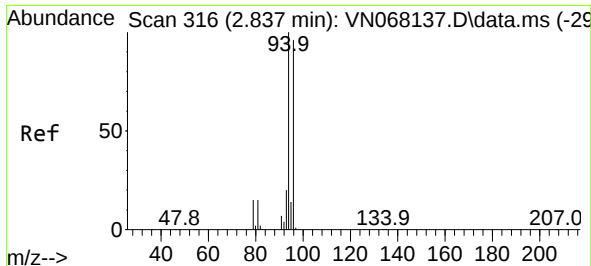
Tgt Ion:168 Resp: 406317
Ion Ratio Lower Upper
168 100
99 51.0 62.9 94.3#



#3
Chloromethane
Concen: 0.294 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.002 min
Lab File: VN068166.D
Acq: 18 Aug 2021 1:52

Tgt Ion: 50 Resp: 1070
Ion Ratio Lower Upper
50 100
52 28.3 25.6 38.4

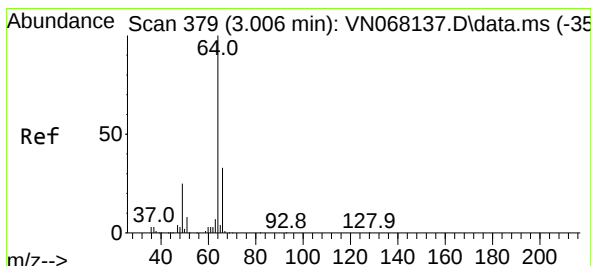
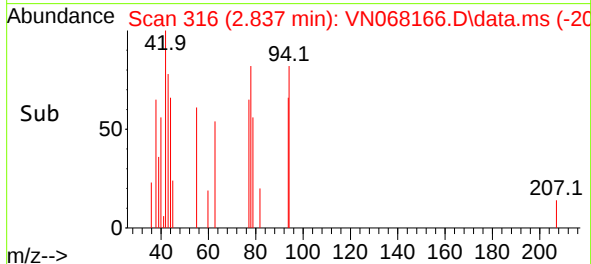
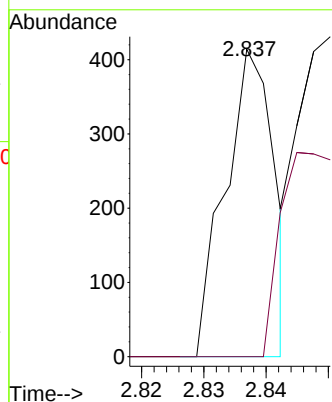
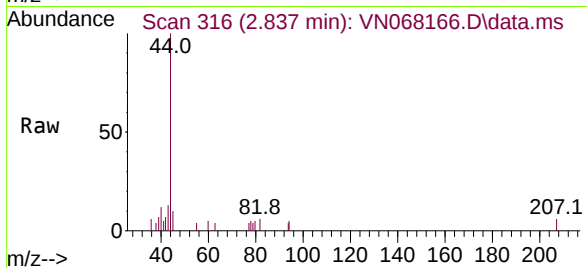




#5
Bromomethane
Concen: Below Cal
RT: 2.837 min Scan# 316
Delta R.T. -0.000 min
Lab File: VN068166.D
Acq: 18 Aug 2021 1:52

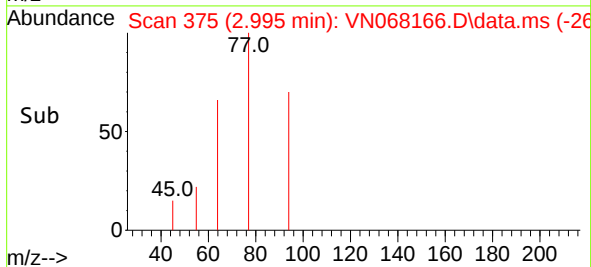
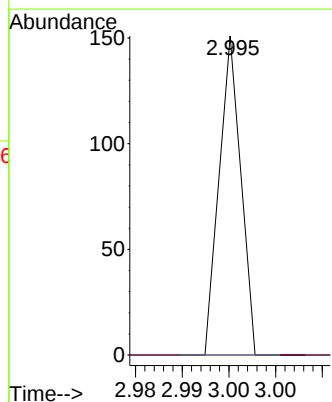
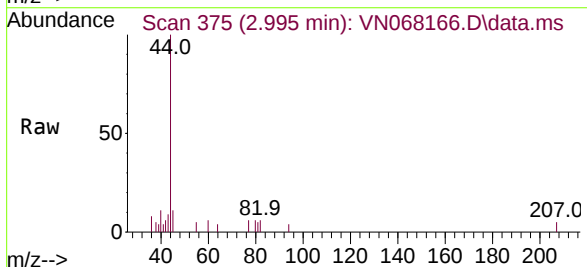
Instrument :
MSVOA_N
ClientSampleId :
2021-08-12-EB-03

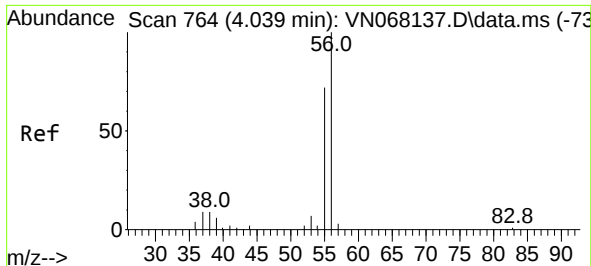
Tgt Ion: 94 Resp: 226
Ion Ratio Lower Upper
94 100
96 0.0 73.7 110.5#



#6
Chloroethane
Concen: Below Cal
RT: 2.995 min Scan# 375
Delta R.T. -0.011 min
Lab File: VN068166.D
Acq: 18 Aug 2021 1:52

Tgt Ion: 64 Resp: 24
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#

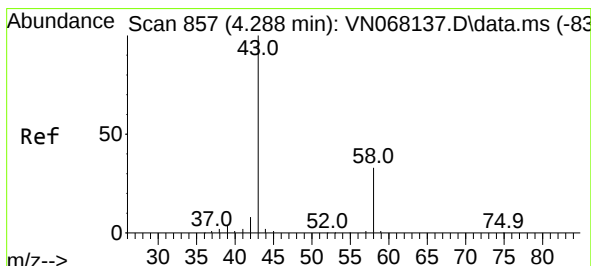
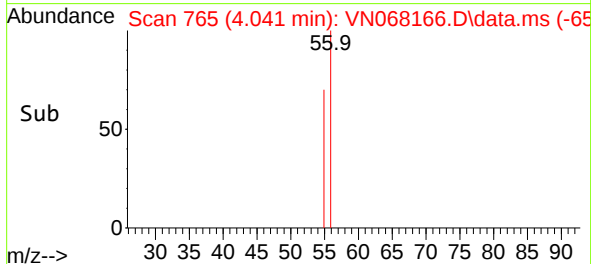
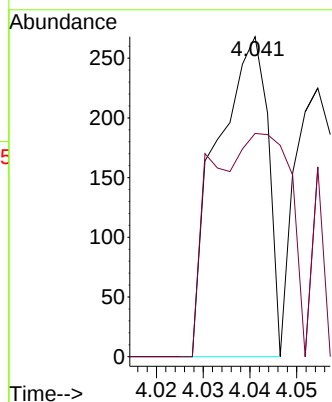
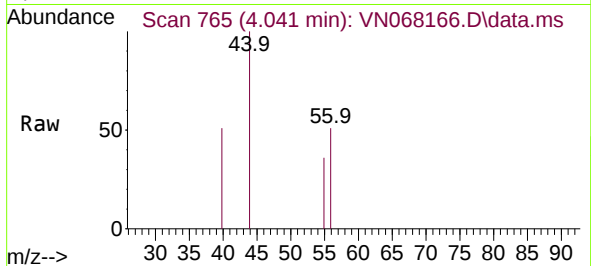




#13
Acrolein
Concen: Below Cal
RT: 4.041 min Scan# 765
Delta R.T. 0.002 min
Lab File: VN068166.D
Acq: 18 Aug 2021 1:52

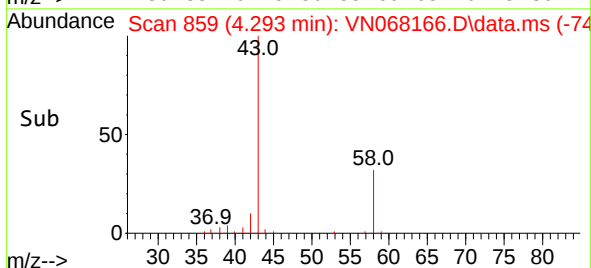
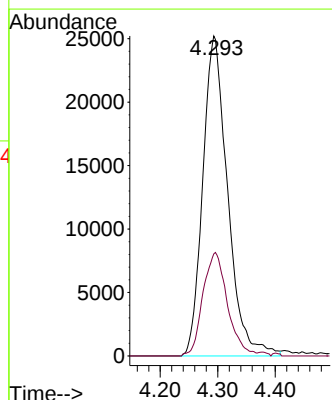
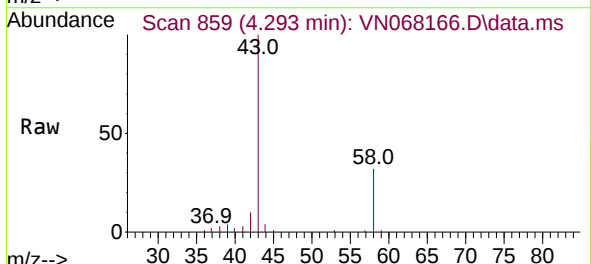
Instrument :
MSVOA_N
ClientSampleId :
2021-08-12-EB-03

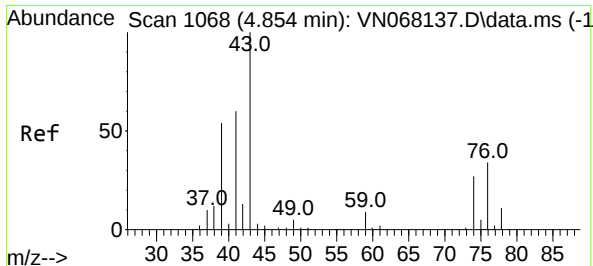
Tgt Ion: 56 Resp: 203
Ion Ratio Lower Upper
56 100
55 120.2 57.4 86.0#



#16
Acetone
Concen: 59.816 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.005 min
Lab File: VN068166.D
Acq: 18 Aug 2021 1:52

Tgt Ion: 43 Resp: 75767
Ion Ratio Lower Upper
43 100
58 31.9 21.2 31.8#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.859 min Scan# 1070

Delta R.T. 0.005 min

Lab File: VN068166.D

Acq: 18 Aug 2021 1:52

Tgt Ion: 43 Resp: 2093

Ion Ratio Lower Upper

43 100

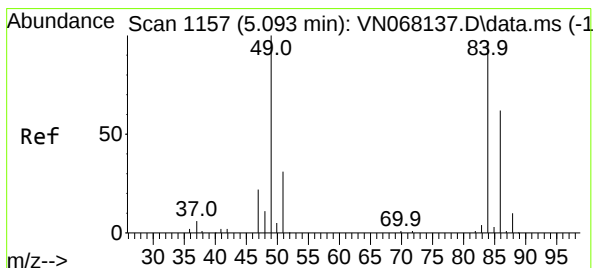
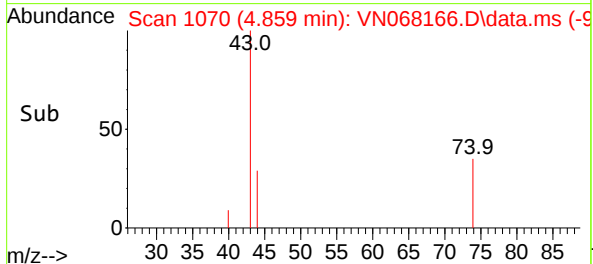
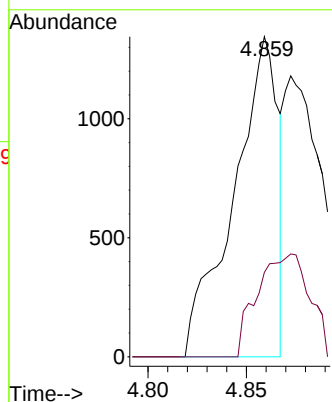
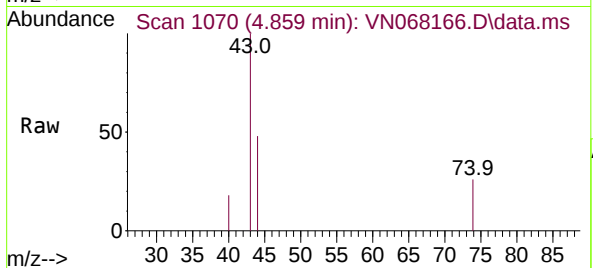
74 38.0 17.4 26.0#

Instrument :

MSVOA_N

ClientSampleId :

2021-08-12-EB-03



#20

Methylene Chloride

Concen: Below Cal

RT: 5.098 min Scan# 1159

Delta R.T. 0.005 min

Lab File: VN068166.D

Acq: 18 Aug 2021 1:52

Tgt Ion: 84 Resp: 381

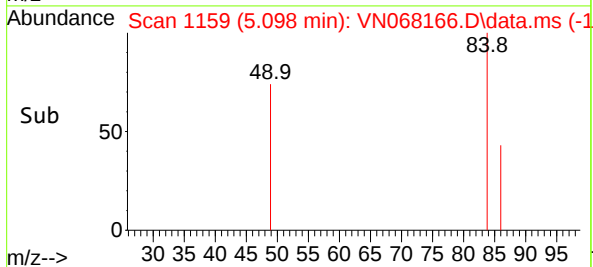
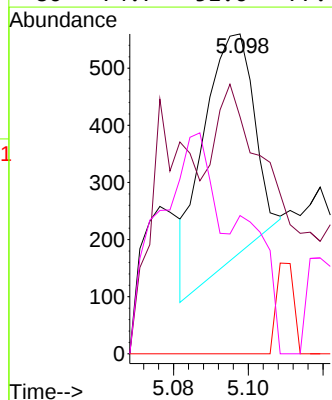
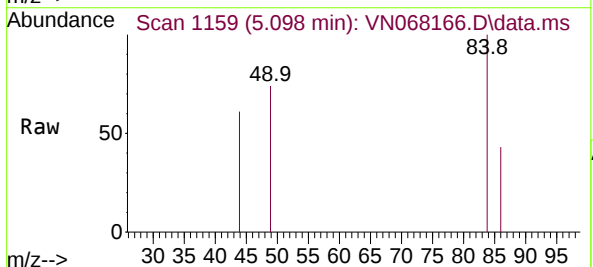
Ion Ratio Lower Upper

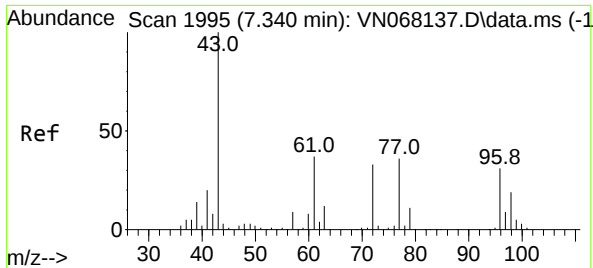
84 100

49 41.7 110.9 166.3#

51 0.0 32.6 49.0#

86 74.7 51.6 77.4

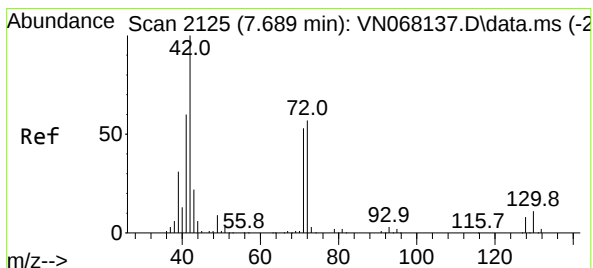
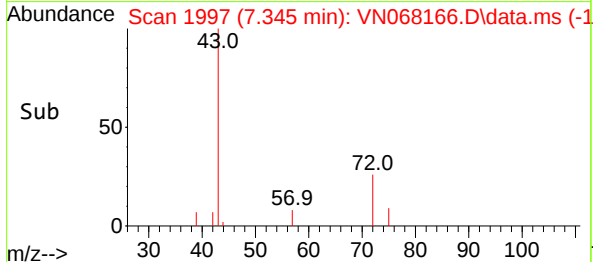
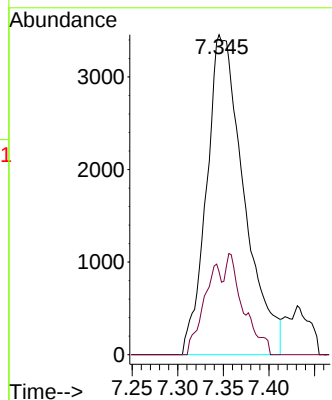
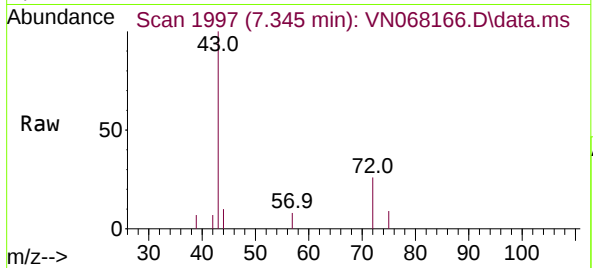




#25
2-Butanone
Concen: 4.993 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.005 min
Lab File: VN068166.D
Acq: 18 Aug 2021 1:52

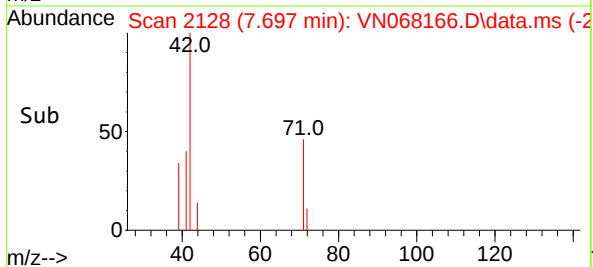
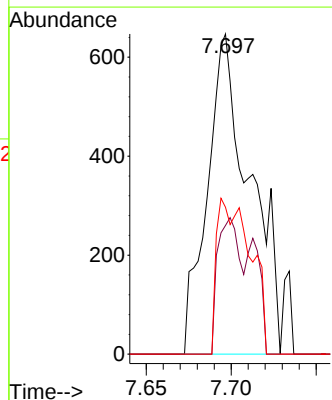
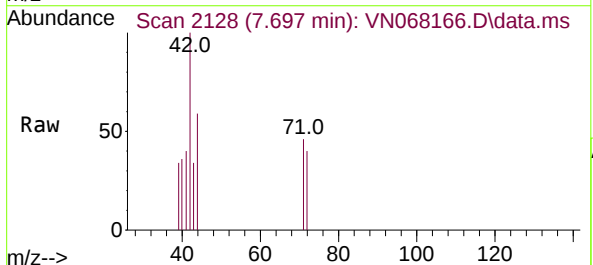
Instrument :
MSVOA_N
ClientSampleId :
2021-08-12-EB-03

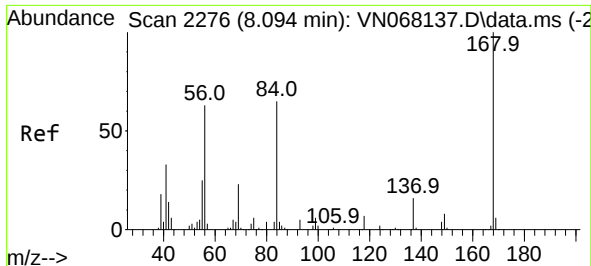
Tgt Ion: 43 Resp: 9857
Ion Ratio Lower Upper
43 100
72 25.9 19.7 29.5



#29
Tetrahydrofuran
Concen: 0.902 ug/l
RT: 7.697 min Scan# 2128
Delta R.T. 0.008 min
Lab File: VN068166.D
Acq: 18 Aug 2021 1:52

Tgt Ion: 42 Resp: 1139
Ion Ratio Lower Upper
42 100
72 22.4 32.8 49.2#
71 15.8 31.2 46.8#

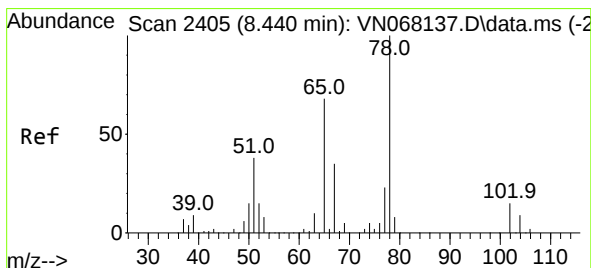
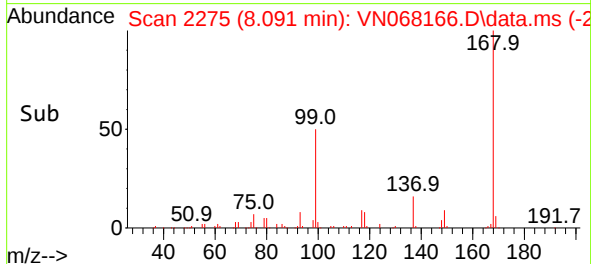
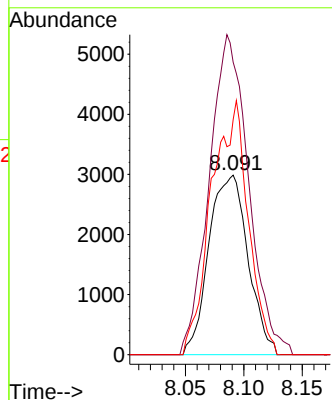
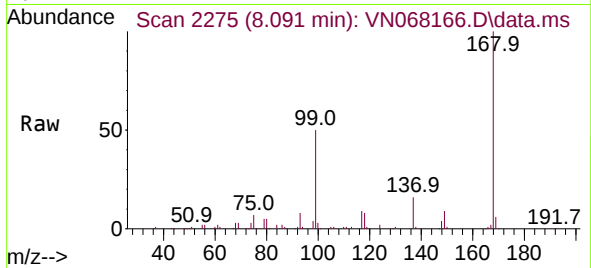




#31
Cyclohexane
Concen: 1.219 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.003 min
Lab File: VN068166.D
Acq: 18 Aug 2021 1:52

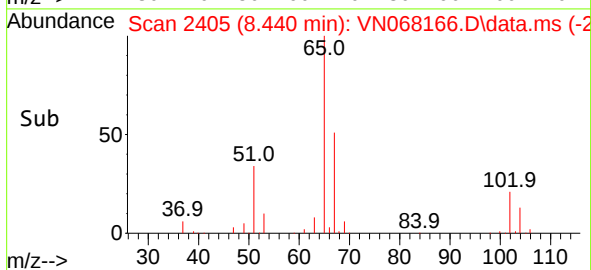
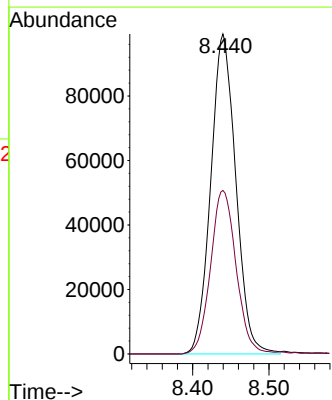
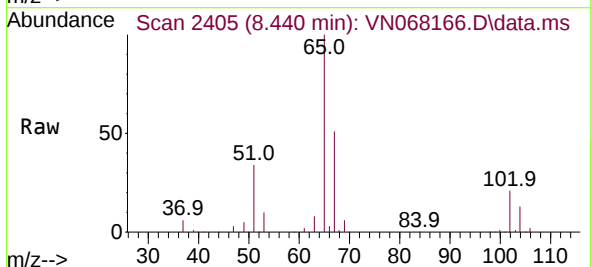
Instrument :
MSVOA_N
ClientSampleId :
2021-08-12-EB-03

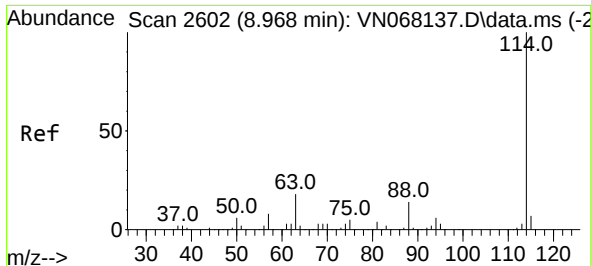
Tgt Ion: 56 Resp: 6967
Ion Ratio Lower Upper
56 100
69 162.9 27.3 40.9#
84 130.9 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 52.202 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068166.D
Acq: 18 Aug 2021 1:52

Tgt Ion: 65 Resp: 226472
Ion Ratio Lower Upper
65 100
67 52.1 0.0 98.6

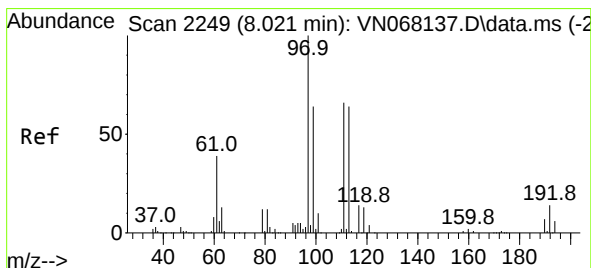
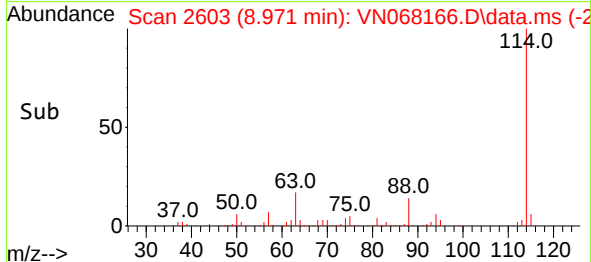
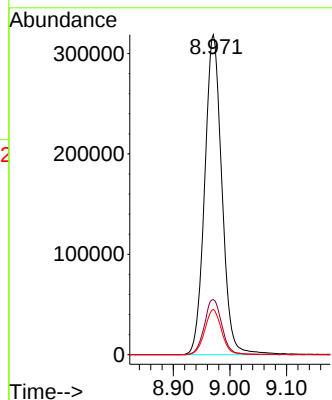
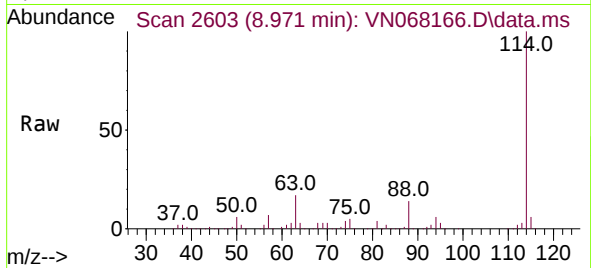




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068166.D
Acq: 18 Aug 2021 1:52

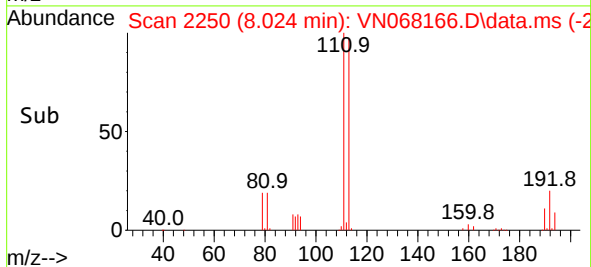
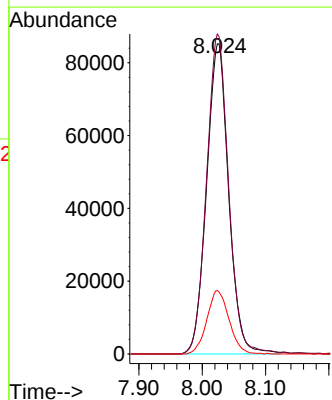
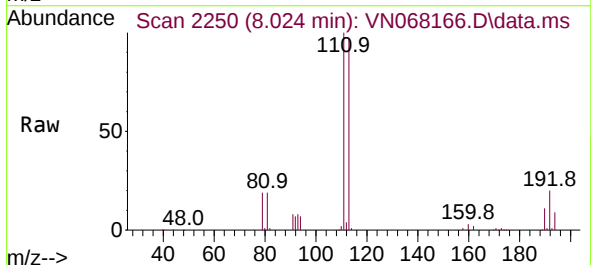
Instrument :
MSVOA_N
ClientSampleId :
2021-08-12-EB-03

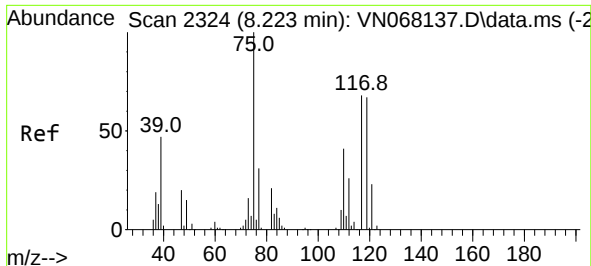
Tgt Ion:114 Resp: 671813
Ion Ratio Lower Upper
114 100
63 17.2 0.0 49.0
88 14.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.957 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068166.D
Acq: 18 Aug 2021 1:52

Tgt Ion:113 Resp: 206494
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.8
192 20.5 13.4 20.0#

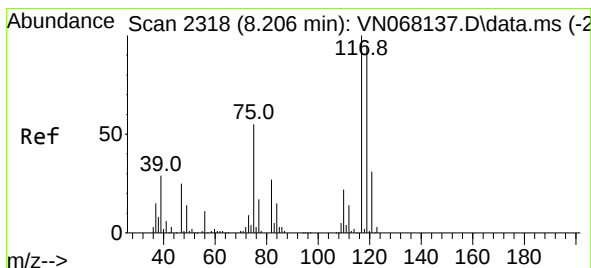
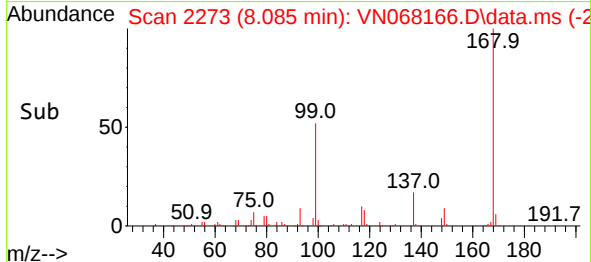
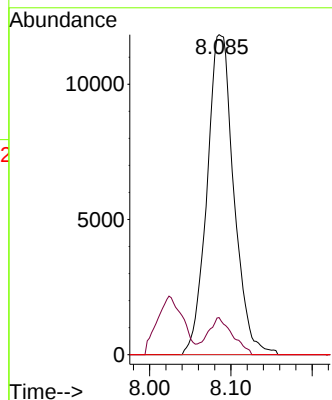
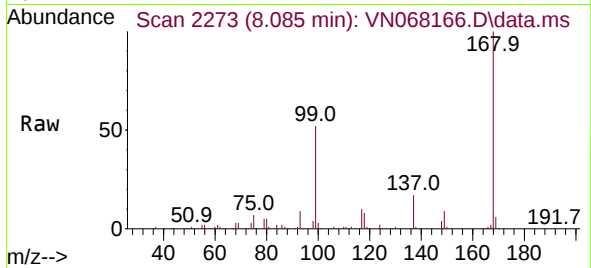




#36
 1,1-Dichloropropene
 Concen: 4.951 ug/l
 RT: 8.085 min Scan# 2273
 Delta R.T. -0.138 min
 Lab File: VN068166.D
 Acq: 18 Aug 2021 1:52

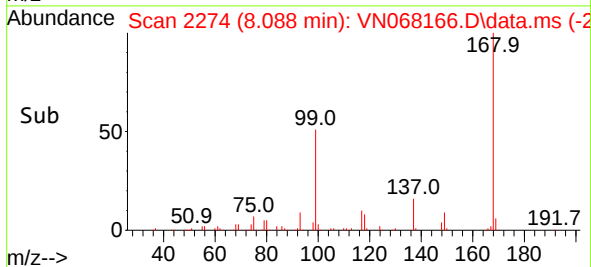
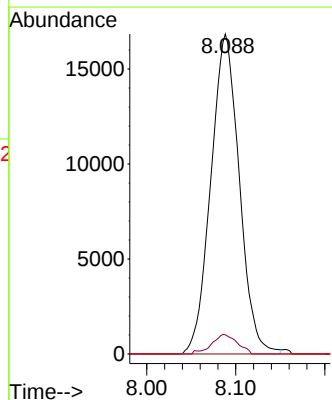
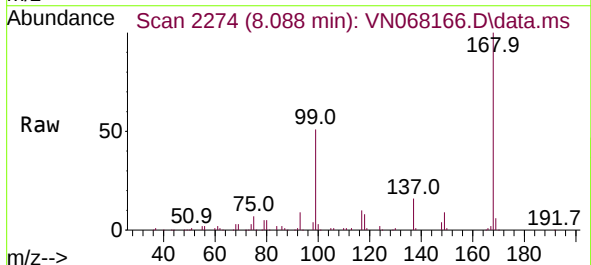
Instrument :
 MSVOA_N
 ClientSampleId :
 2021-08-12-EB-03

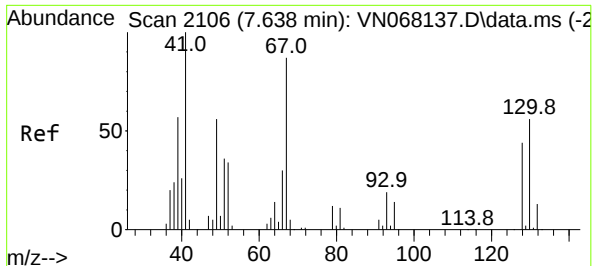
Tgt Ion: 75 Resp: 27192
 Ion Ratio Lower Upper
 75 100
 110 10.7 15.7 47.0#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 5.906 ug/l
 RT: 8.088 min Scan# 2274
 Delta R.T. -0.118 min
 Lab File: VN068166.D
 Acq: 18 Aug 2021 1:52

Tgt Ion: 117 Resp: 37409
 Ion Ratio Lower Upper
 117 100
 119 6.0 75.4 113.2#
 121 0.0 23.5 35.3#

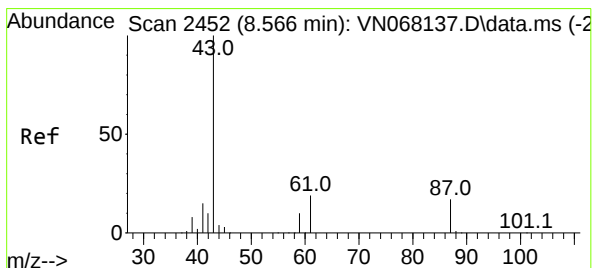
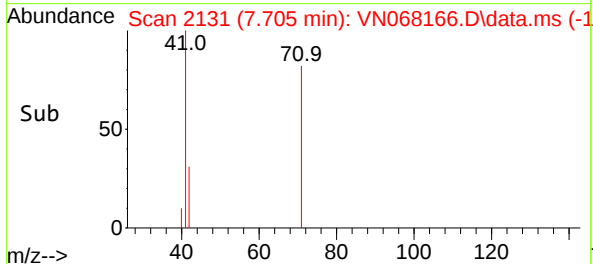
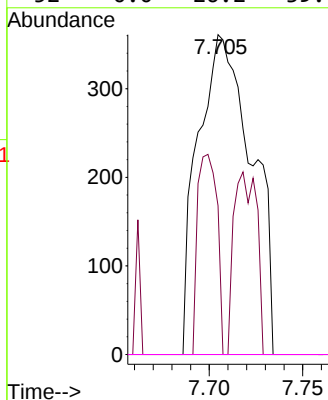
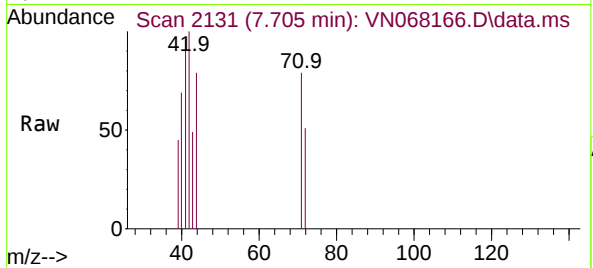




#41
Methacrylonitrile
Concen: 0.338 ug/l
RT: 7.705 min Scan# 2131
Delta R.T. 0.067 min
Lab File: VN068166.D
Acq: 18 Aug 2021 1:52

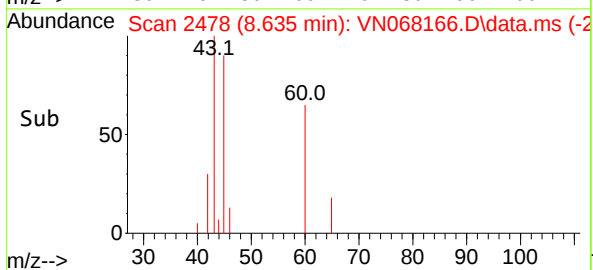
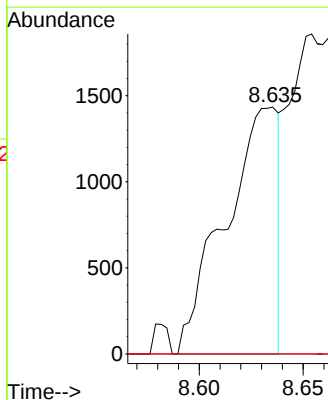
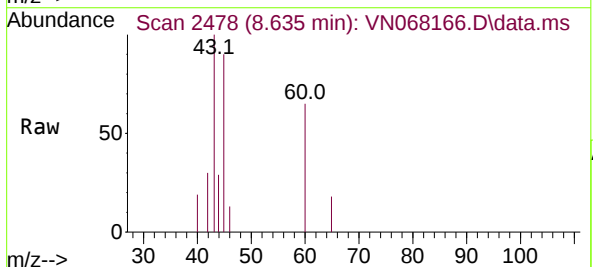
Instrument :
MSVOA_N
ClientSampleId :
2021-08-12-EB-03

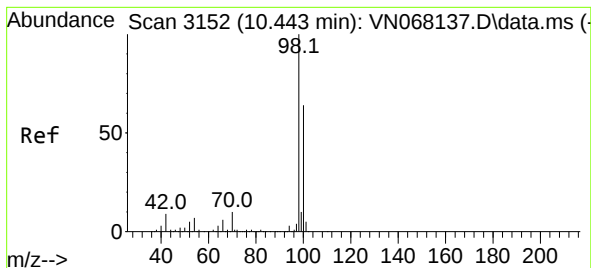
Tgt Ion: 41	Resp: 722
Ion Ratio	Lower Upper
41	100
39	22.6 47.6 71.4#
67	0.0 57.7 86.5#
52	0.0 26.2 39.4#



#43
Isopropyl Acetate
Concen: 0.340 ug/l
RT: 8.635 min Scan# 2478
Delta R.T. 0.069 min
Lab File: VN068166.D
Acq: 18 Aug 2021 1:52

Tgt Ion: 43	Resp: 2546
Ion Ratio	Lower Upper
43	100
61	0.0 19.0 28.4#
87	0.0 9.5 14.3#

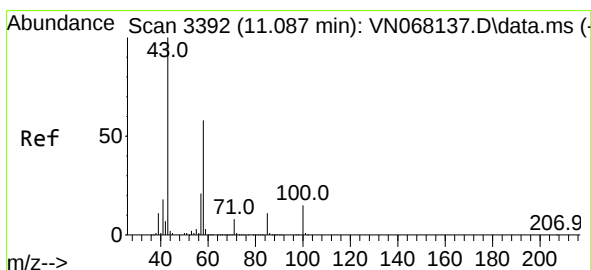
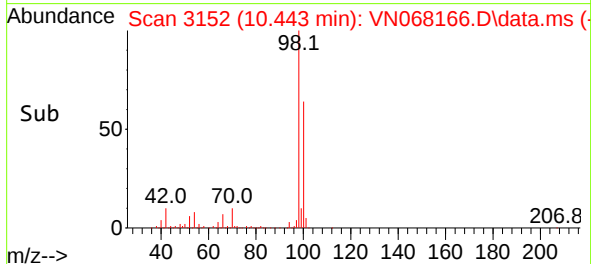
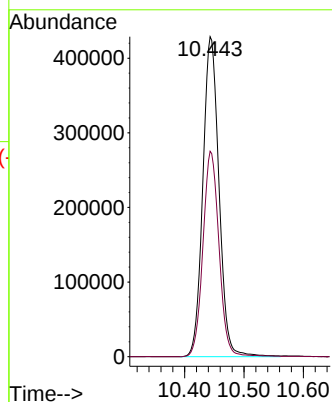
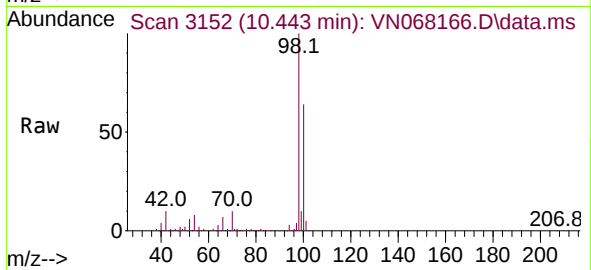




#50
Toluene-d8
Concen: 50.348 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068166.D
Acq: 18 Aug 2021 1:52

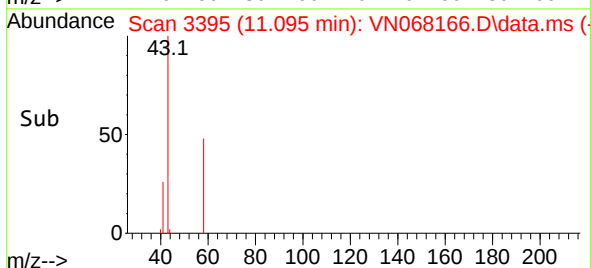
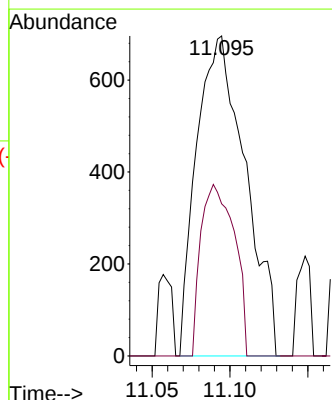
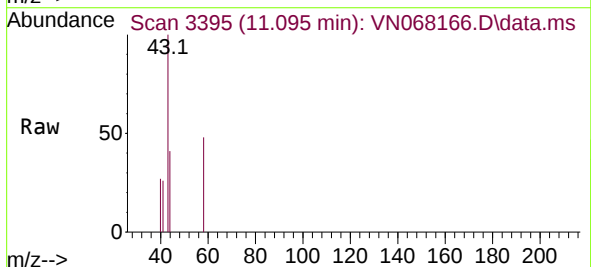
Instrument :
MSVOA_N
ClientSampleId :
2021-08-12-EB-03

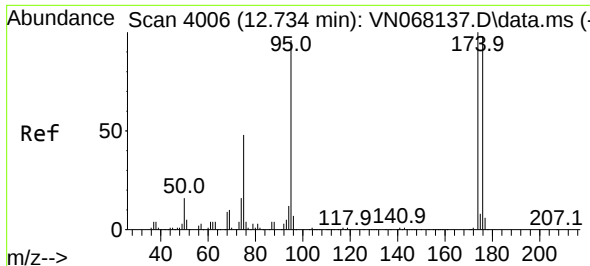
Tgt Ion: 98 Resp: 809167
Ion Ratio Lower Upper
98 100
100 63.6 51.7 77.5



#59
2-Hexanone
Concen: 0.473 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.008 min
Lab File: VN068166.D
Acq: 18 Aug 2021 1:52

Tgt Ion: 43 Resp: 1513
Ion Ratio Lower Upper
43 100
58 36.9 24.7 74.1

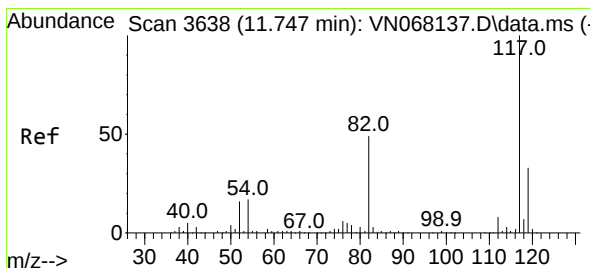
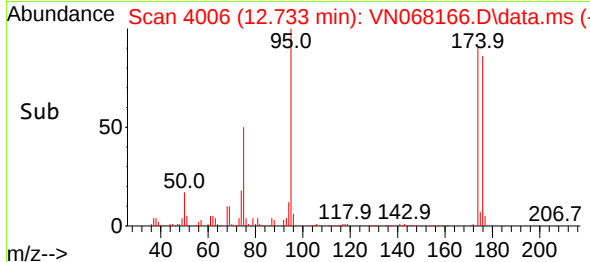
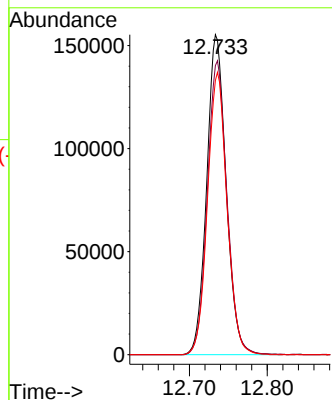
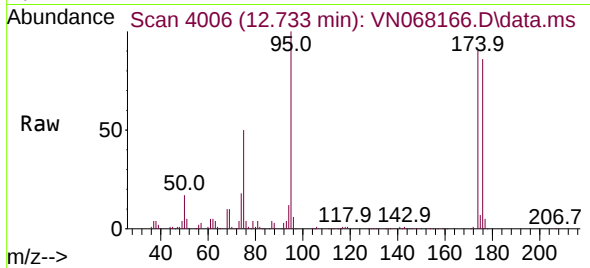




#62
4-Bromofluorobenzene
Concen: 50.356 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068166.D
Acq: 18 Aug 2021 1:52

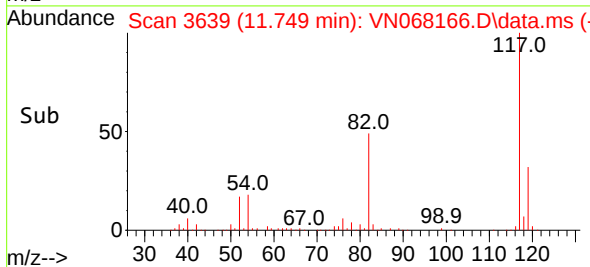
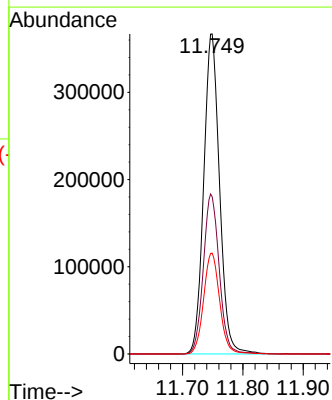
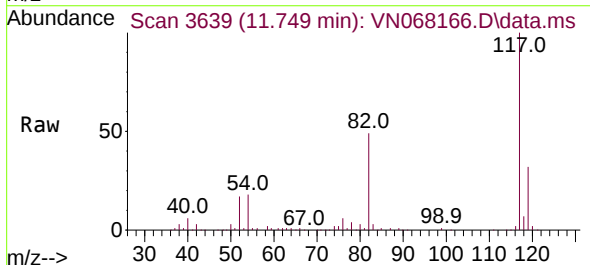
Instrument :
MSVOA_N
ClientSampleId :
2021-08-12-EB-03

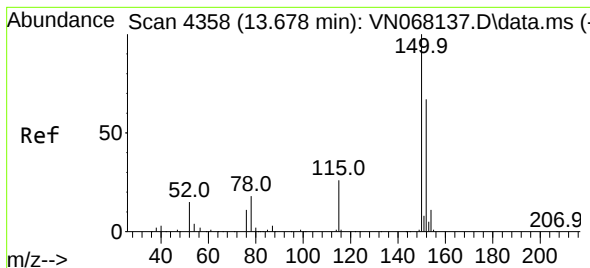
Tgt Ion: 95 Resp: 269409
Ion Ratio Lower Upper
95 100
174 93.1 0.0 122.0
176 88.6 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068166.D
Acq: 18 Aug 2021 1:52

Tgt Ion: 117 Resp: 670010
Ion Ratio Lower Upper
117 100
82 49.1 53.1 79.7#
119 31.5 25.5 38.3

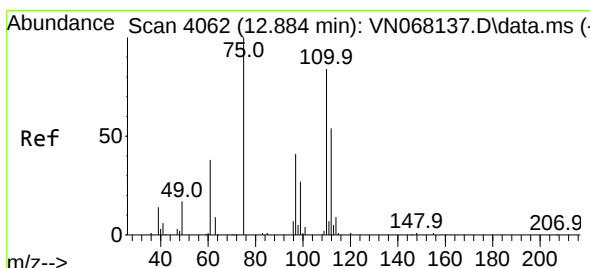
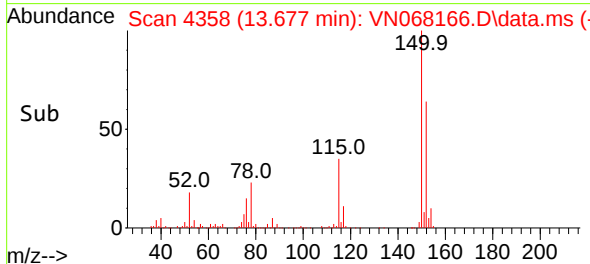
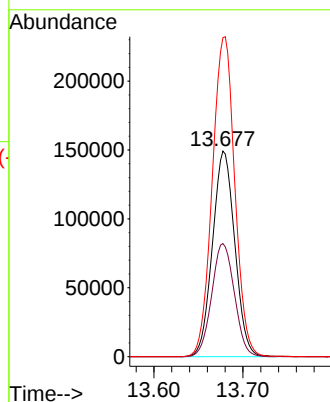
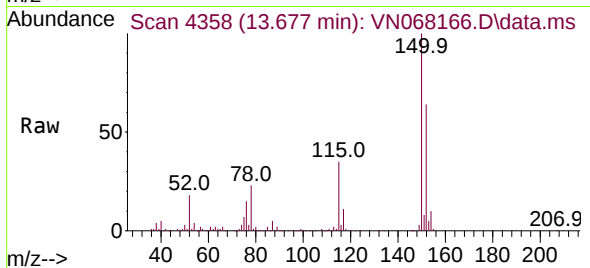




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.001 min
Lab File: VN068166.D
Acq: 18 Aug 2021 1:52

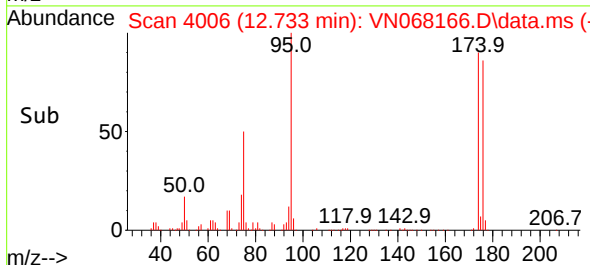
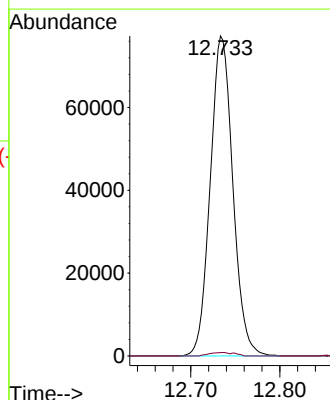
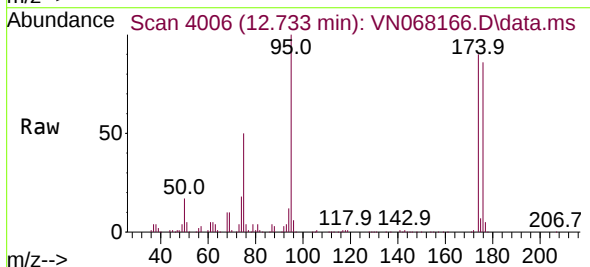
Instrument :
MSVOA_N
ClientSampleId :
2021-08-12-EB-03

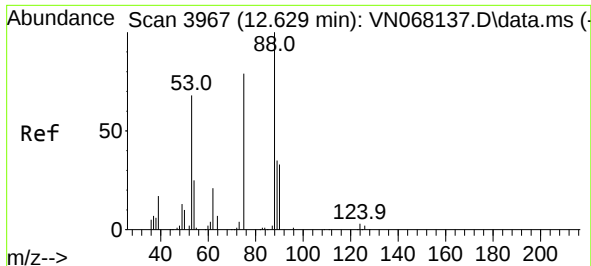
Tgt Ion:152 Resp: 260115
Ion Ratio Lower Upper
152 100
115 55.8 36.1 108.5
150 156.9 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 31.505 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN068166.D
Acq: 18 Aug 2021 1:52

Tgt Ion: 75 Resp: 136209
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#

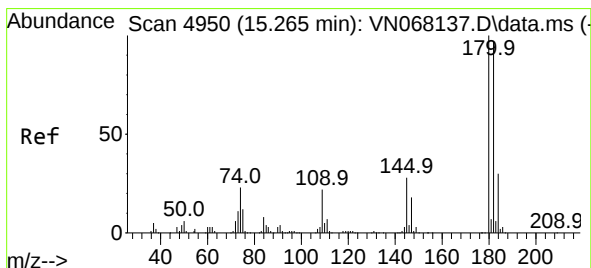
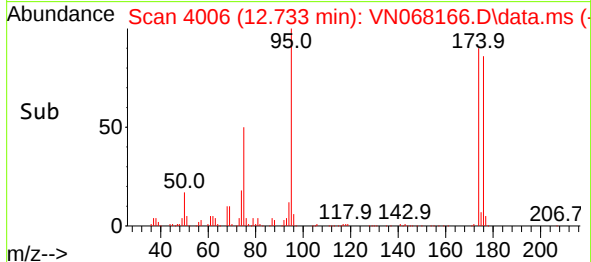
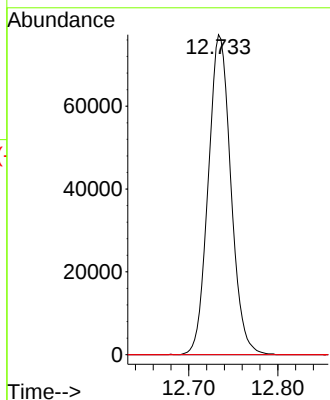
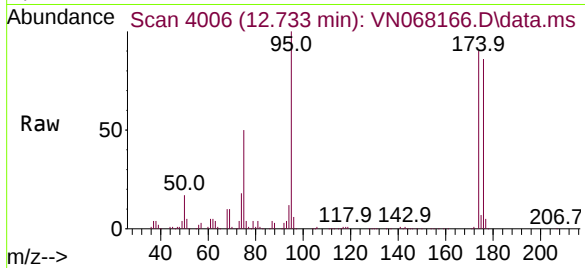




#81
trans-1,4-Dichloro-2-butene
Concen: 103.216 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN068166.D
Acq: 18 Aug 2021 1:52

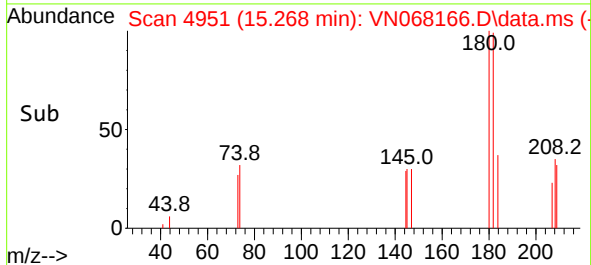
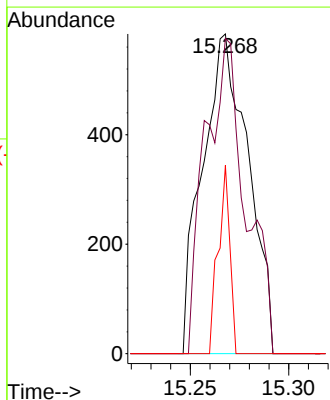
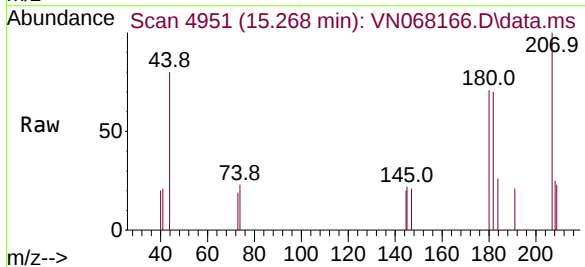
Instrument :
MSVOA_N
ClientSampleId :
2021-08-12-EB-03

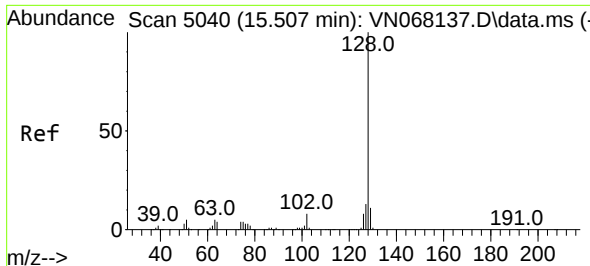
Tgt Ion: 75 Resp: 136209
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.891 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN068166.D
Acq: 18 Aug 2021 1:52

Tgt Ion:180 Resp: 943
Ion Ratio Lower Upper
180 100
182 87.3 47.5 142.5
145 15.1 17.2 51.6#

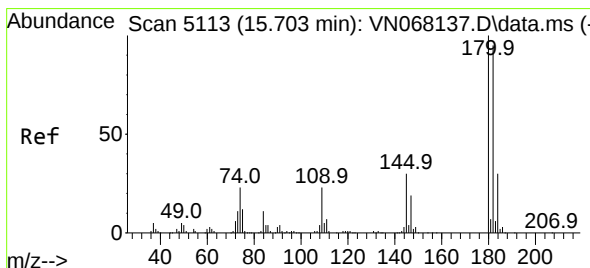
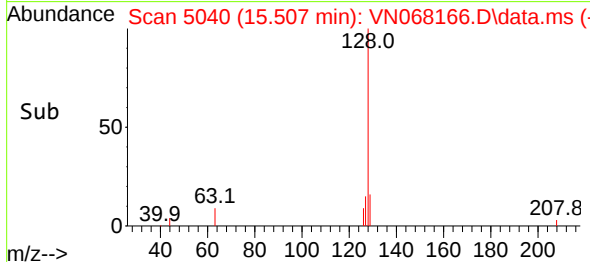
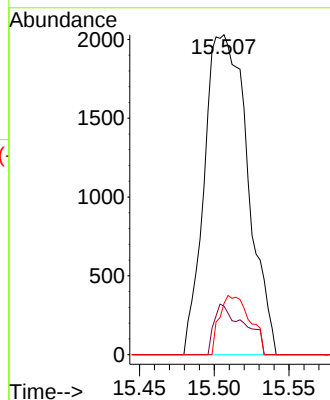
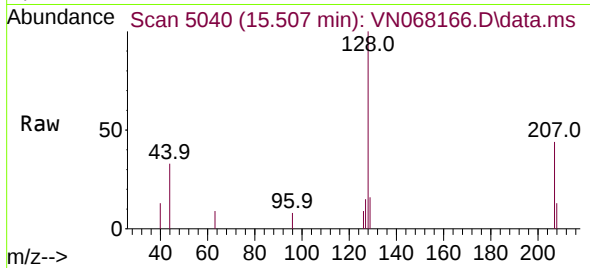




#95
Naphthalene
Concen: 3.718 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN068166.D
Acq: 18 Aug 2021 1:52

Instrument :
MSVOA_N
ClientSampleId :
2021-08-12-EB-03

Tgt Ion:	128	Resp:	4091
Ion	Ratio	Lower	Upper
128	100		
127	11.0	10.6	15.8
129	12.9	8.6	12.8#



#96
1,2,3-Trichlorobenzene
Concen: 3.042 ug/l
RT: 15.710 min Scan# 5116
Delta R.T. 0.007 min
Lab File: VN068166.D
Acq: 18 Aug 2021 1:52

Tgt Ion:	180	Resp:	918
Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.8	143.3#
145	14.6	18.2	54.6#

