

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091521\
 Data File : VN068477.D
 Acq On : 15 Sep 2021 12:03
 Operator : JC/MD
 Sample : VN0915WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBL01

Quant Time: Sep 15 16:37:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 10 04:04:05 2021
 Response via : Initial Calibration

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

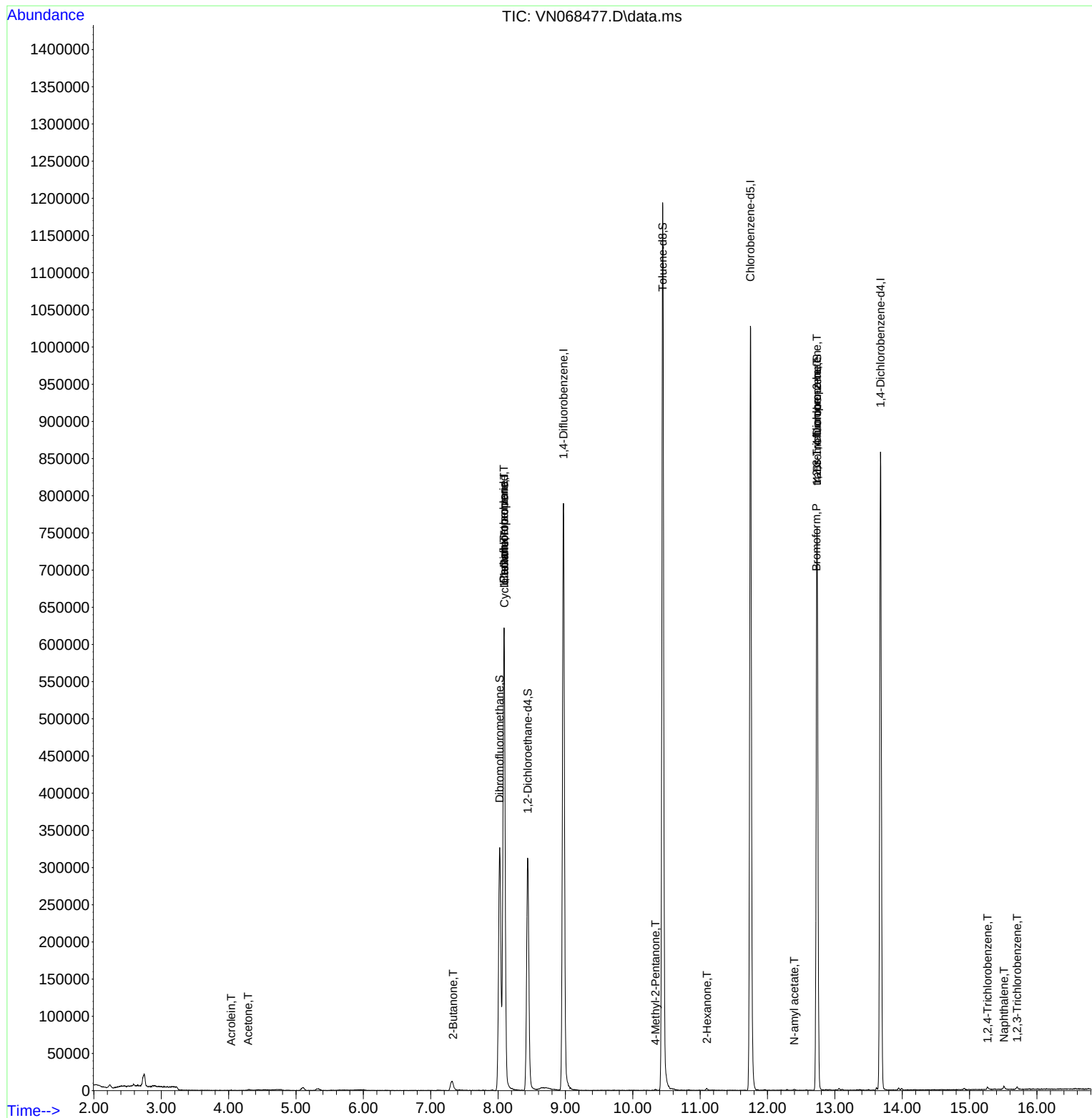
Internal Standards						
1) Pentafluorobenzene	8.088	168	522379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	769491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	668334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	256894	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	268146	55.960	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 111.920%		
35) Dibromofluoromethane	8.024	113	243168	52.395	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 104.800%		
50) Toluene-d8	10.443	98	904875	53.675	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 107.360%		
62) 4-Bromofluorobenzene	12.736	95	261519	48.479	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 96.960%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.326	59	1493	Below Cal	#	84
13) Acrolein	4.039	56	134	0.377	ug/l #	36
16) Acetone	4.291	43	882	0.556	ug/l #	41
18) Methyl Acetate	4.846	43	53	Below Cal	#	45
20) Methylene Chloride	5.093	84	1781	Below Cal	#	84
25) 2-Butanone	7.332	43	512	0.220	ug/l #	41
31) Cyclohexane	8.094	56	9295	1.280	ug/l #	39
36) 1,1-Dichloropropene	8.091	75	34906	5.441	ug/l #	47
38) Carbon Tetrachloride	8.088	117	47975	6.242	ug/l #	16
51) 4-Methyl-2-Pentanone	10.339	43	1208	0.246	ug/l #	72
59) 2-Hexanone	11.100	43	2181	0.663	ug/l	84
71) Bromoform	12.728	173	2588	0.625	ug/l #	1
74) N-amyl acetate	12.396	43	920	0.226	ug/l #	46
76) 1,2,3-Trichloropropane	12.734	75	134874	33.260	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.734	75	134874	116.354	ug/l #	13
93) 1,2,4-Trichlorobenzene	15.268	180	1499	0.388	ug/l #	54
95) Naphthalene	15.512	128	4614	3.918	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.705	180	1452	0.394	ug/l	72

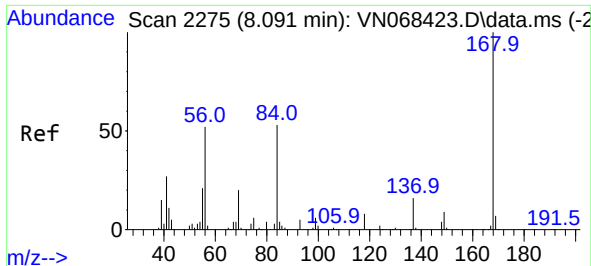
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 10 04:04:05 2021
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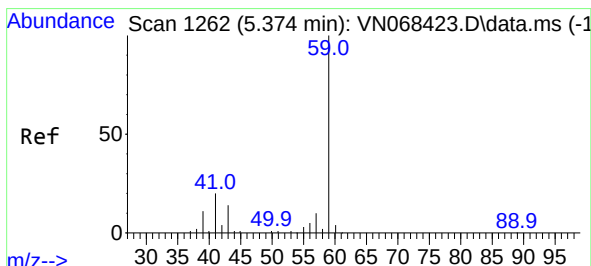
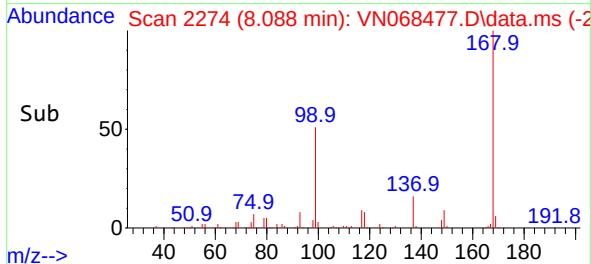
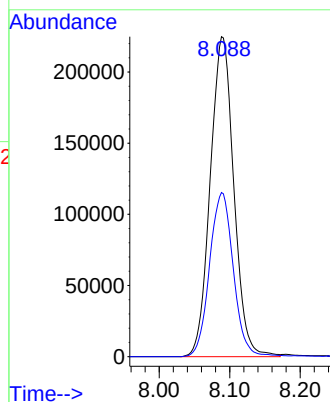
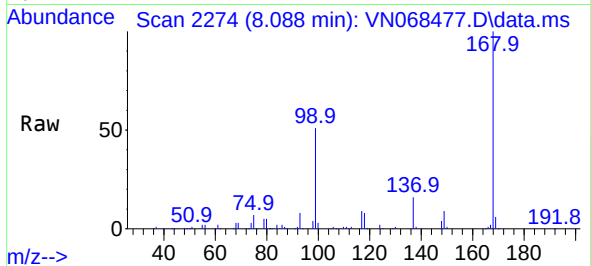




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.003 min
Lab File: VN068477.D
Acq: 15 Sep 2021 12:03

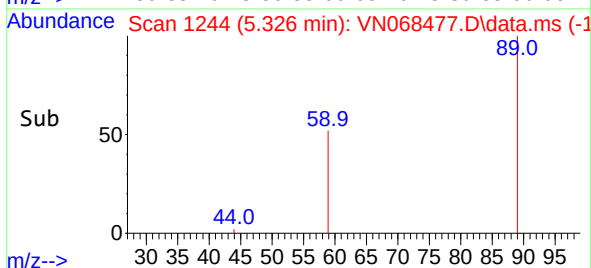
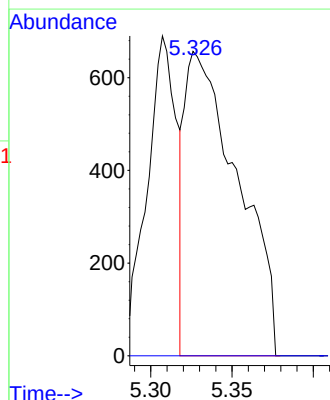
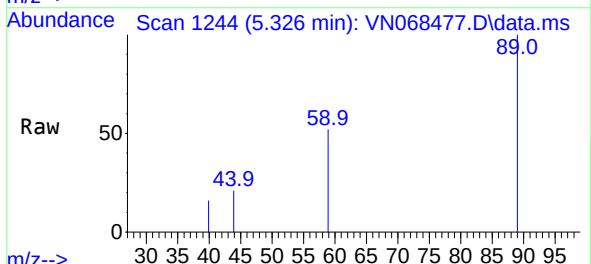
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL01

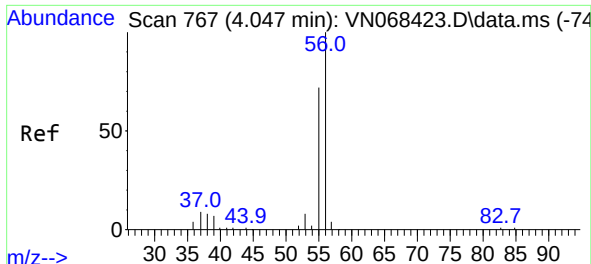
Tgt Ion:168 Resp: 522379
Ion Ratio Lower Upper
168 100
99 51.3 38.2 57.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.326 min Scan# 1244
Delta R.T. -0.048 min
Lab File: VN068477.D
Acq: 15 Sep 2021 12:03

Tgt Ion: 59 Resp: 1493
Ion Ratio Lower Upper
59 100
57 0.0 4.3 6.5#

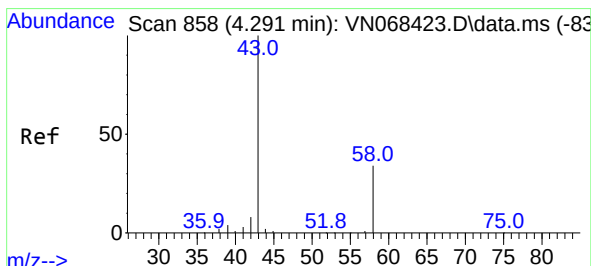
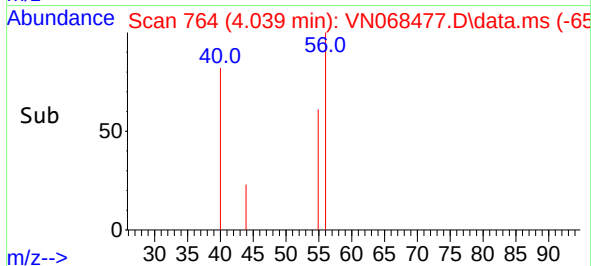
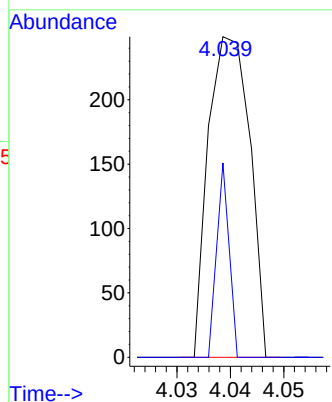
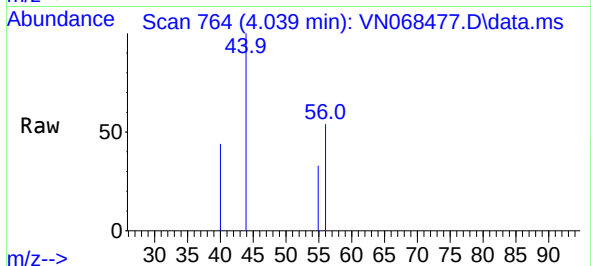




#13
Acrolein
Concen: 0.377 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.008 min
Lab File: VN068477.D
Acq: 15 Sep 2021 12:03

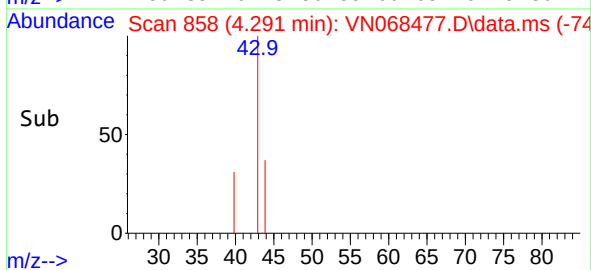
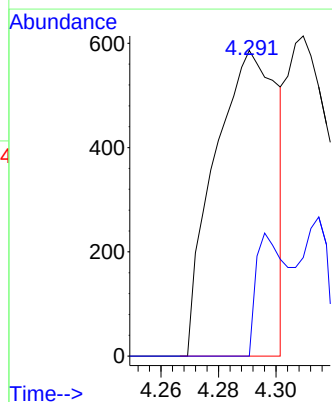
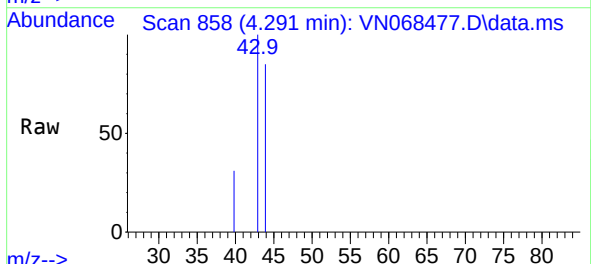
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL01

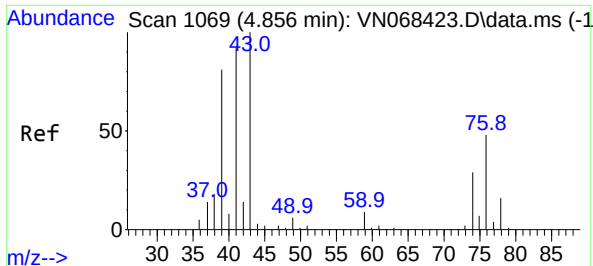
Tgt Ion: 56 Resp: 134
Ion Ratio Lower Upper
56 100
55 17.9 56.8 85.2#



#16
Acetone
Concen: 0.556 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN068477.D
Acq: 15 Sep 2021 12:03

Tgt Ion: 43 Resp: 882
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#

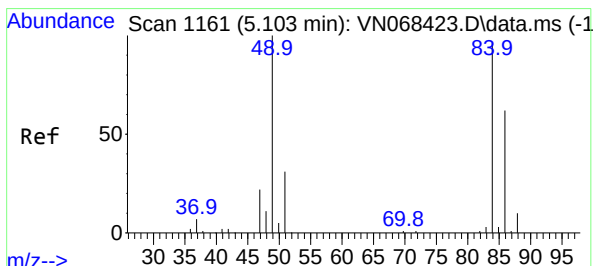
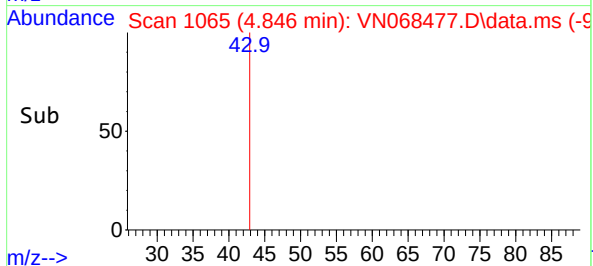
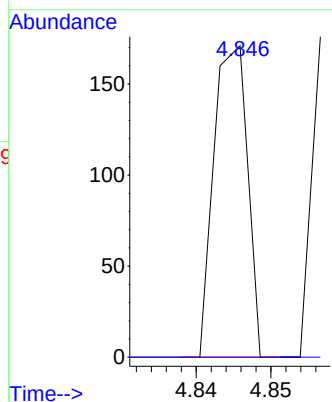
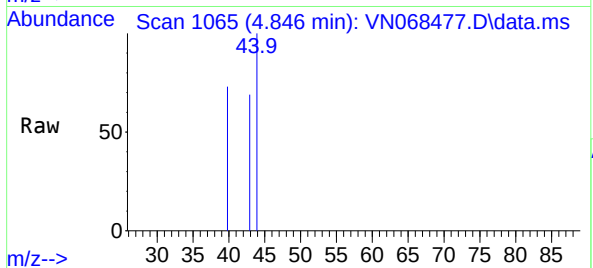




#18
Methyl Acetate
Concen: Below Cal
RT: 4.846 min Scan# 1065
Delta R.T. -0.010 min
Lab File: VN068477.D
Acq: 15 Sep 2021 12:03

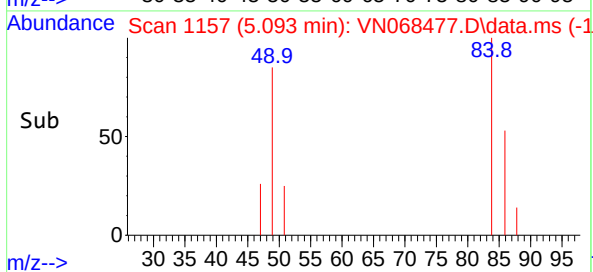
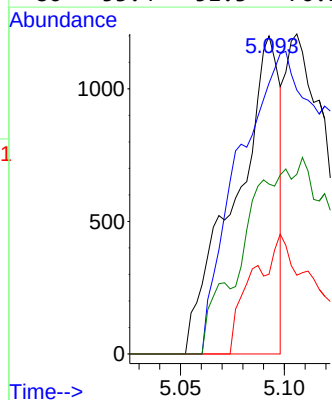
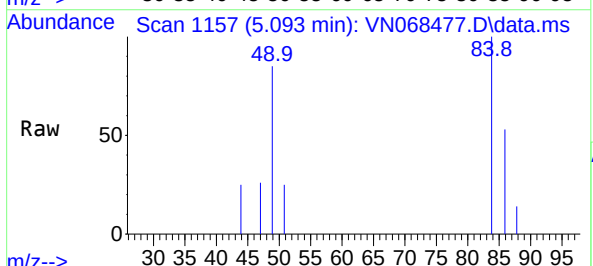
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL01

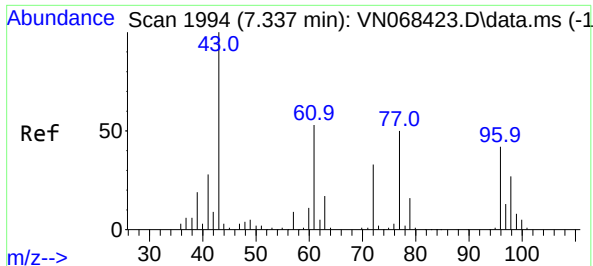
Tgt Ion: 43 Resp: 53
Ion Ratio Lower Upper
43 100
74 0.0 23.5 35.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.093 min Scan# 1157
Delta R.T. -0.010 min
Lab File: VN068477.D
Acq: 15 Sep 2021 12:03

Tgt Ion: 84 Resp: 1781
Ion Ratio Lower Upper
84 100
49 85.1 83.0 124.6
51 25.1 25.4 38.0#
86 53.4 51.3 76.9

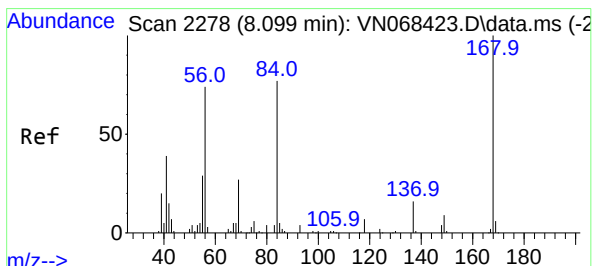
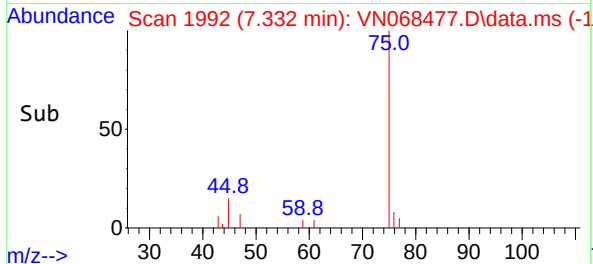
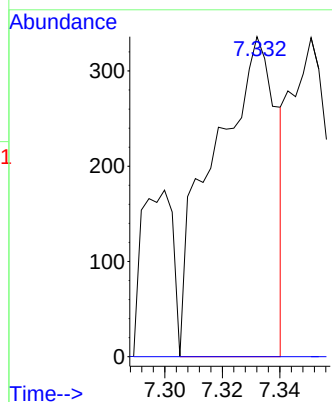
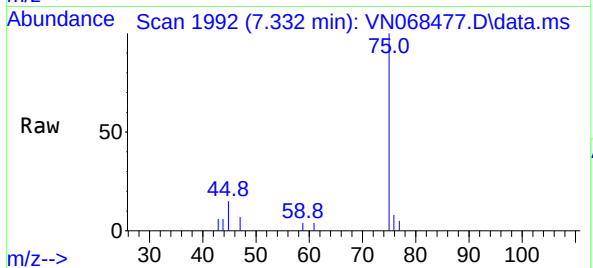




#25
2-Butanone
Concen: 0.220 ug/l
RT: 7.332 min Scan# 1992
Delta R.T. -0.005 min
Lab File: VN068477.D
Acq: 15 Sep 2021 12:03

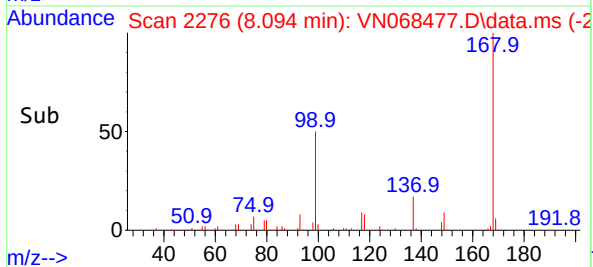
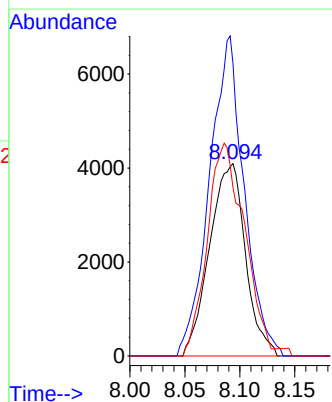
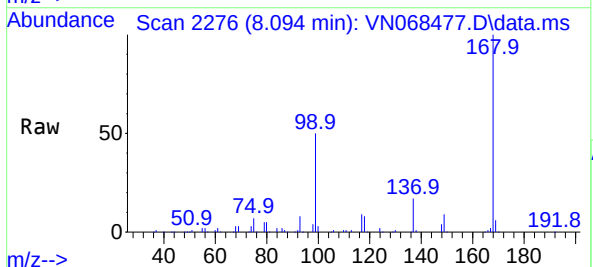
Instrument :
MSVOA_N
ClientSampled :
VN0915WBL01

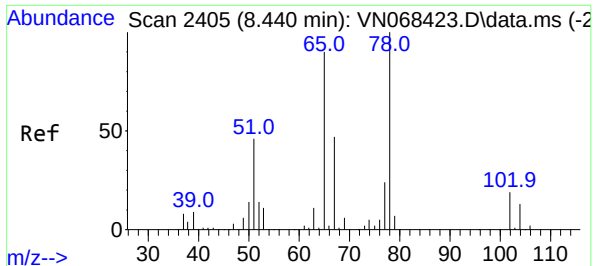
Tgt Ion: 43 Resp: 512
Ion Ratio Lower Upper
43 100
72 0.0 26.7 40.1#



#31
Cyclohexane
Concen: 1.280 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.005 min
Lab File: VN068477.D
Acq: 15 Sep 2021 12:03

Tgt Ion: 56 Resp: 9295
Ion Ratio Lower Upper
56 100
69 148.1 29.4 44.0#
84 87.5 83.6 125.4

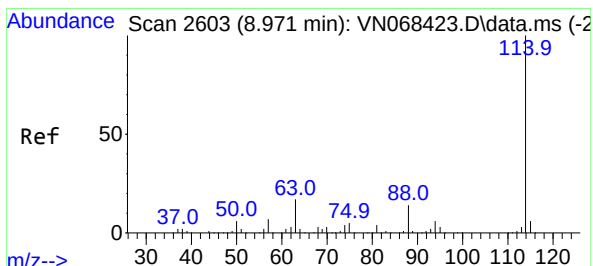
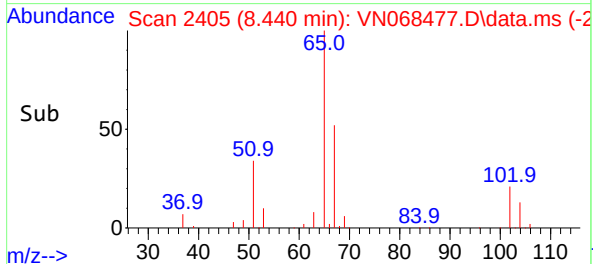
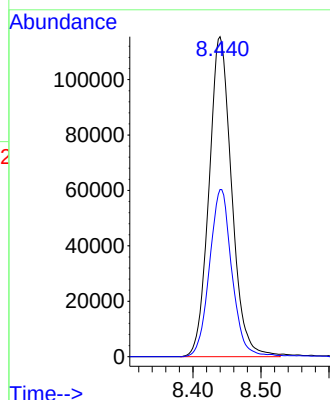
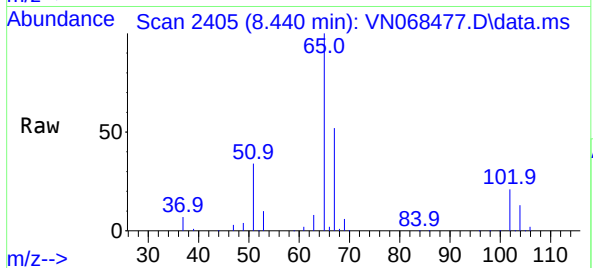




#33
1,2-Dichloroethane-d4
Concen: 55.960 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068477.D
Acq: 15 Sep 2021 12:03

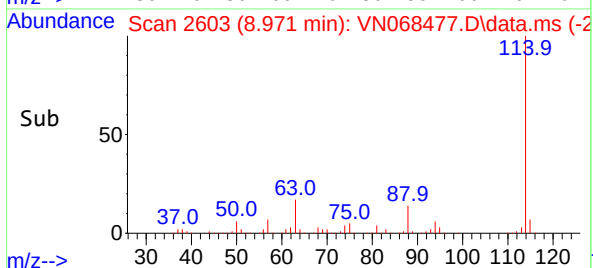
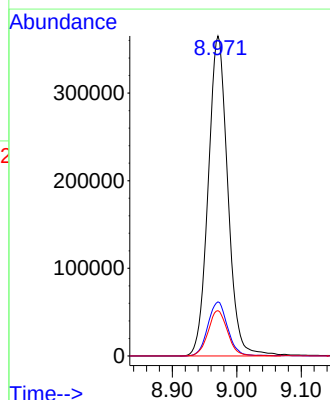
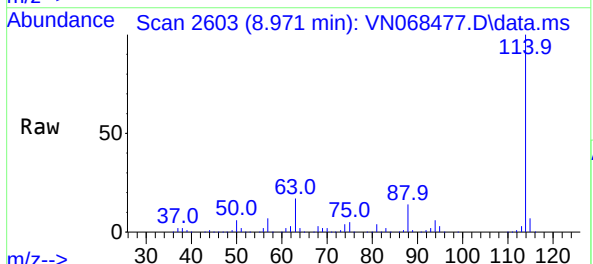
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MSVOA_N
ClientSampleId :
VN0915WBL01

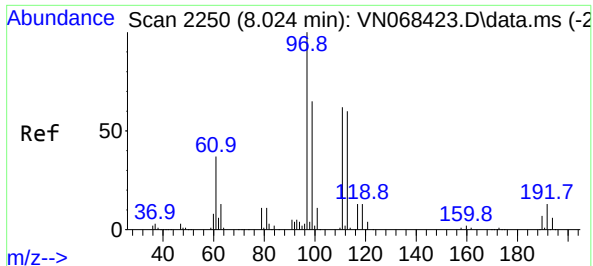
Tgt Ion: 65 Resp: 268146
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN068477.D
Acq: 15 Sep 2021 12:03

Tgt Ion: 114 Resp: 769491
Ion Ratio Lower Upper
114 100
63 16.9 0.0 33.2
88 14.2 0.0 28.4

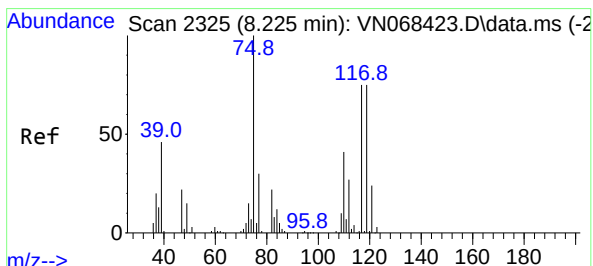
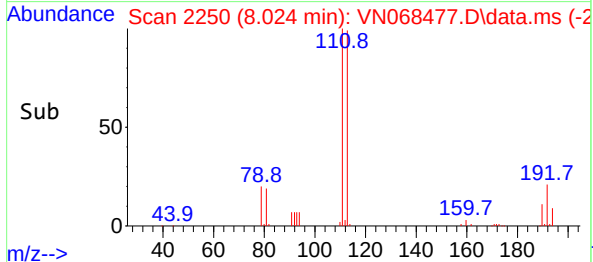
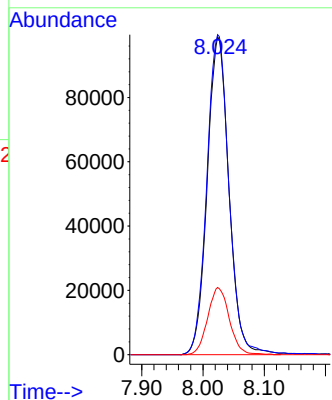
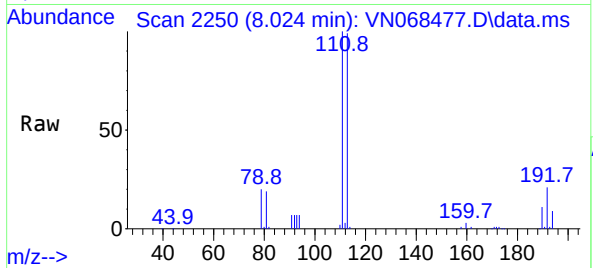




#35
Dibromofluoromethane
Concen: 52.395 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN068477.D
Acq: 15 Sep 2021 12:03

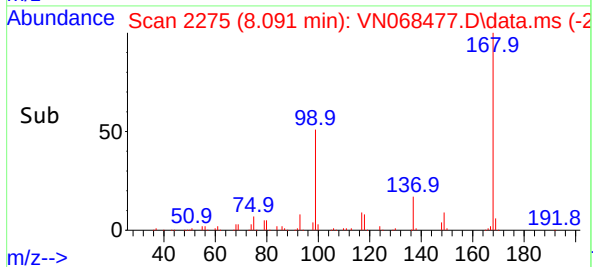
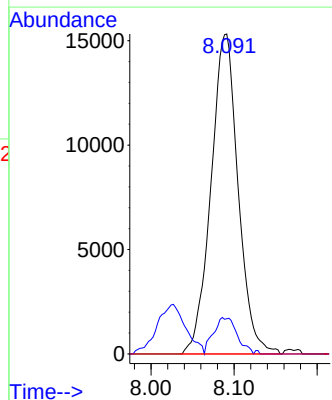
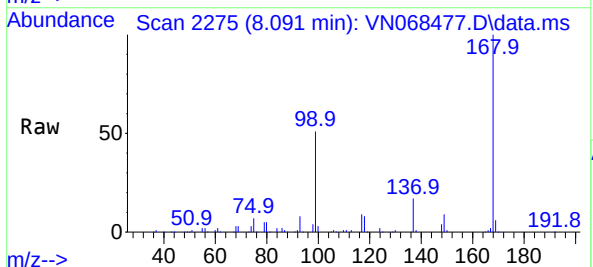
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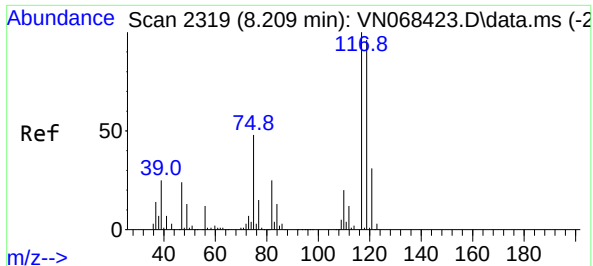
Tgt Ion:113 Resp: 243168
Ion Ratio Lower Upper
113 100
111 102.8 81.1 121.7
192 21.1 17.7 26.5



#36
1,1-Dichloropropene
Concen: 5.441 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.134 min
Lab File: VN068477.D
Acq: 15 Sep 2021 12:03

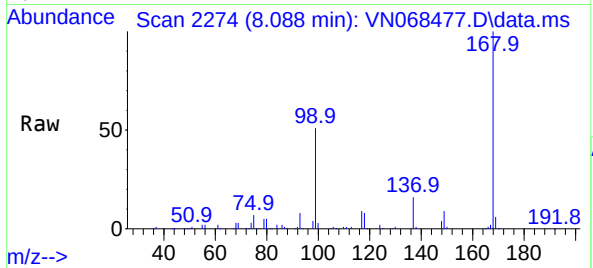
Tgt Ion: 75 Resp: 34906
Ion Ratio Lower Upper
75 100
110 9.8 20.8 62.5#
77 0.0 25.0 37.6#



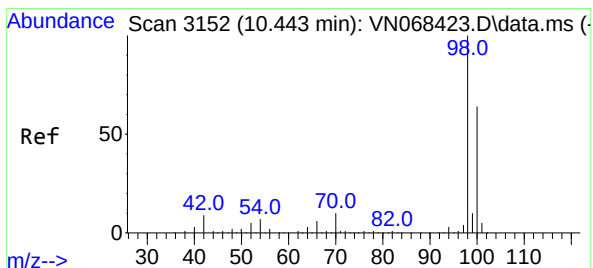
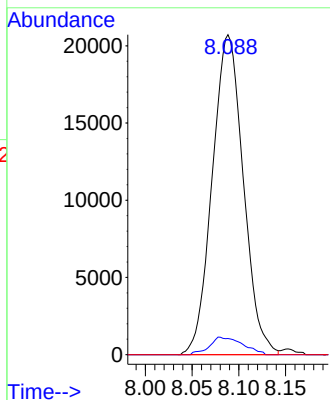
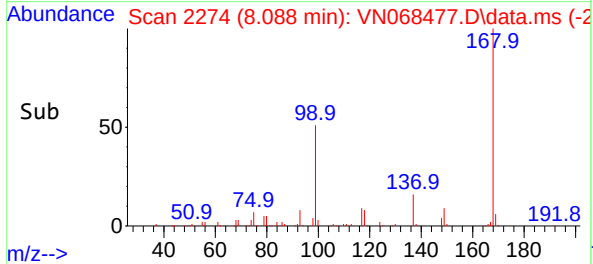


#38
Carbon Tetrachloride
Concen: 6.242 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN068477.D
Acq: 15 Sep 2021 12:03

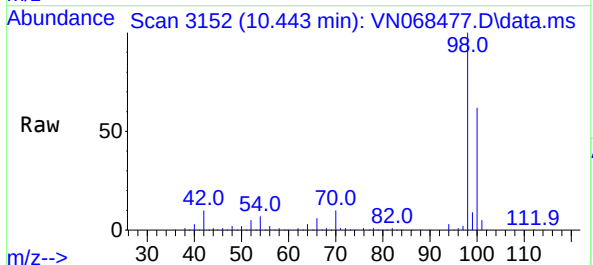
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL01



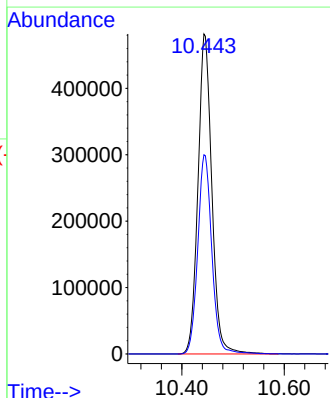
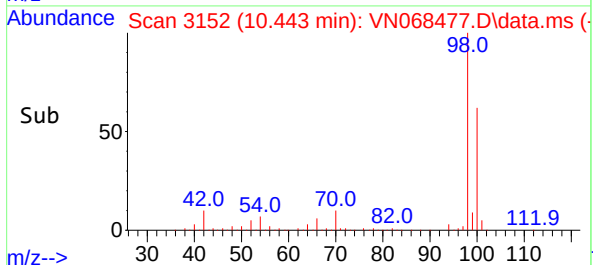
Tgt Ion:117 Resp: 47975
Ion Ratio Lower Upper
117 100
119 5.1 76.6 114.8#
121 0.0 24.5 36.7#

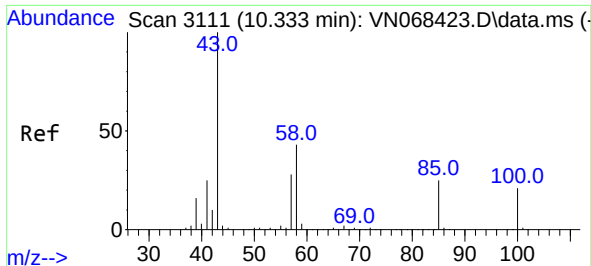


#50
Toluene-d8
Concen: 53.675 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068477.D
Acq: 15 Sep 2021 12:03



Tgt Ion: 98 Resp: 904875
Ion Ratio Lower Upper
98 100
100 63.3 51.0 76.6

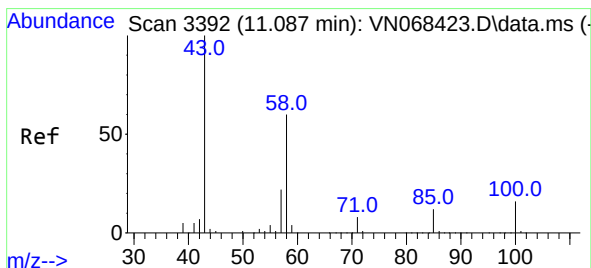
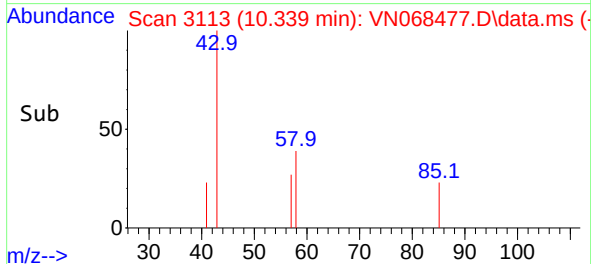
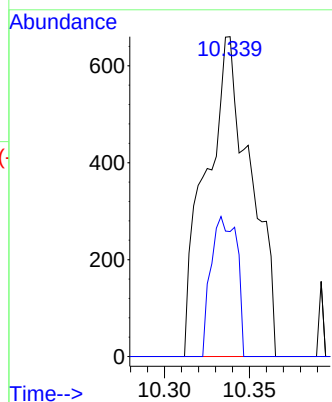
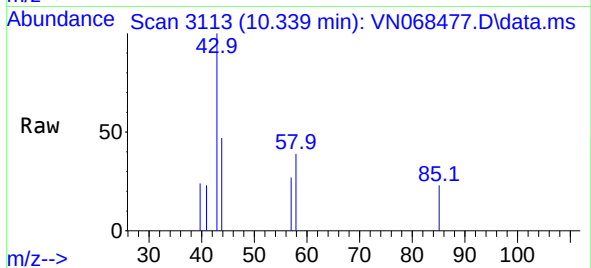




#51
4-Methyl-2-Pentanone
Concen: 0.246 ug/l
RT: 10.339 min Scan# 3113
Delta R.T. 0.005 min
Lab File: VN068477.D
Acq: 15 Sep 2021 12:03

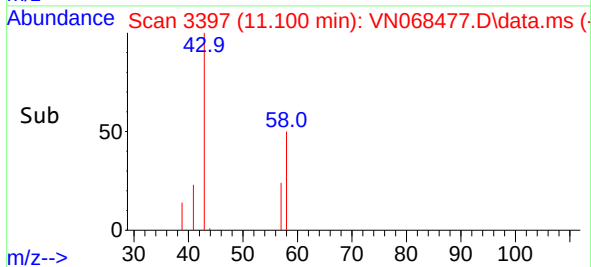
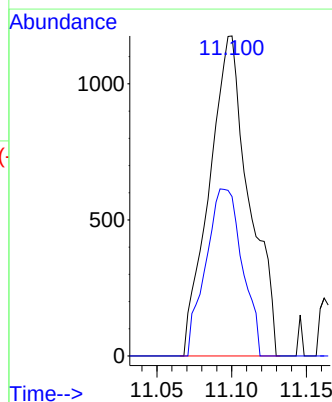
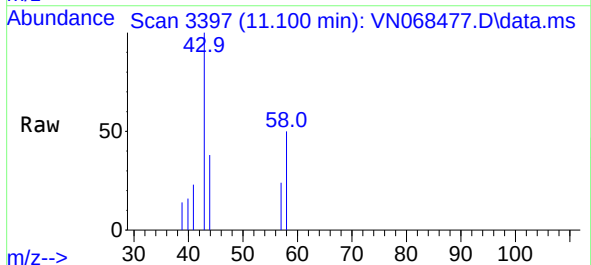
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL01

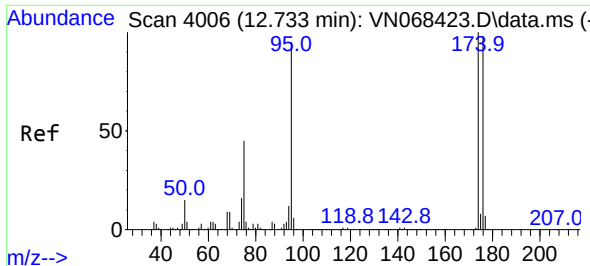
Tgt Ion: 43 Resp: 1208
Ion Ratio Lower Upper
43 100
58 25.2 34.3 51.5#



#59
2-Hexanone
Concen: 0.663 ug/l
RT: 11.100 min Scan# 3397
Delta R.T. 0.014 min
Lab File: VN068477.D
Acq: 15 Sep 2021 12:03

Tgt Ion: 43 Resp: 2181
Ion Ratio Lower Upper
43 100
58 47.8 30.0 90.1

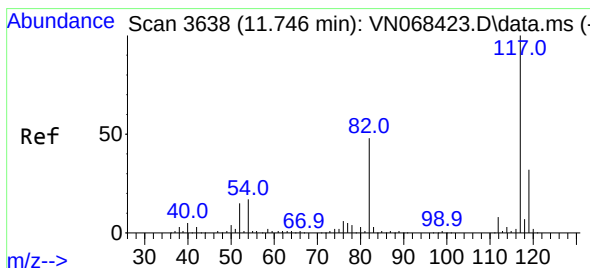
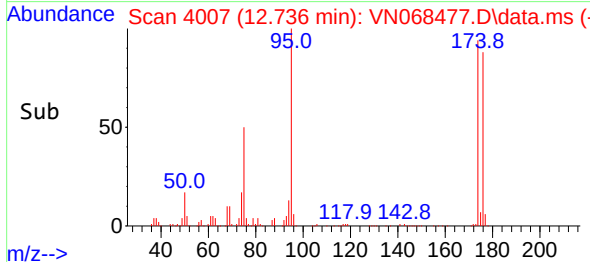
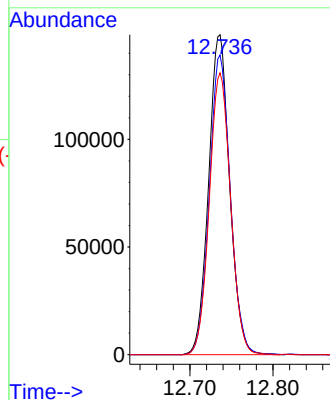
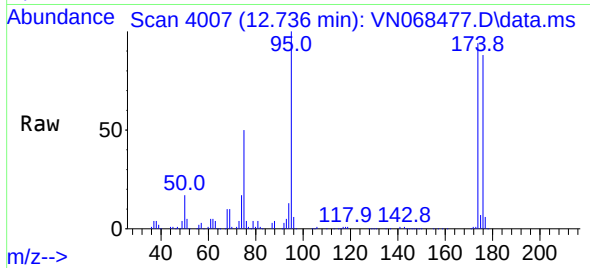




#62
4-Bromofluorobenzene
Concen: 48.479 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN068477.D
Acq: 15 Sep 2021 12:03

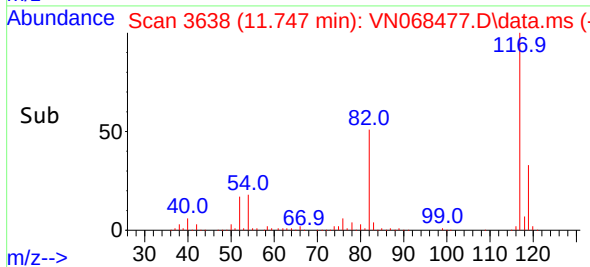
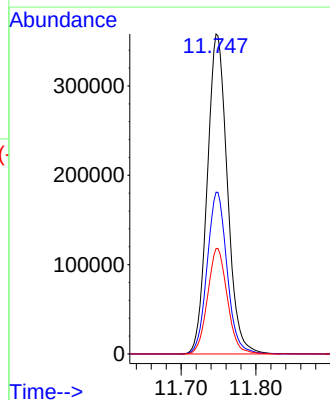
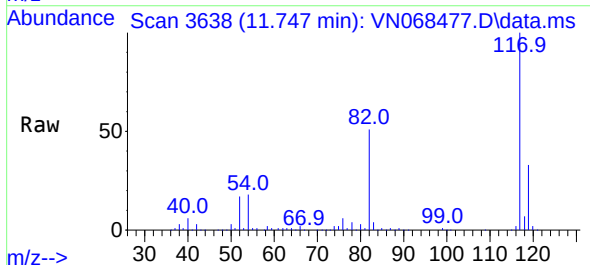
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL01

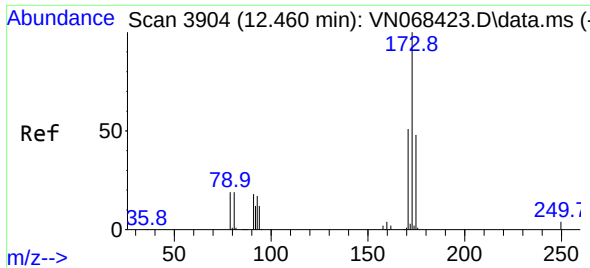
Tgt Ion: 95 Resp: 261519
Ion Ratio Lower Upper
95 100
174 93.8 0.0 214.0
176 89.0 0.0 205.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068477.D
Acq: 15 Sep 2021 12:03

Tgt Ion: 117 Resp: 668334
Ion Ratio Lower Upper
117 100
82 50.5 38.7 58.1
119 32.9 25.5 38.3

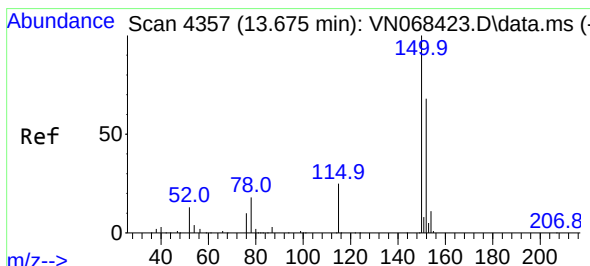
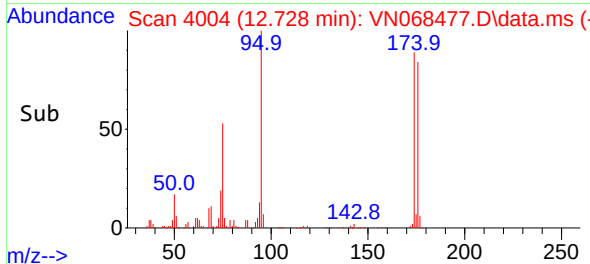
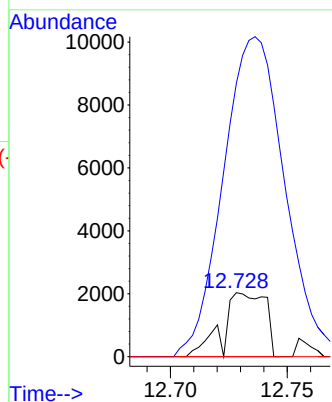
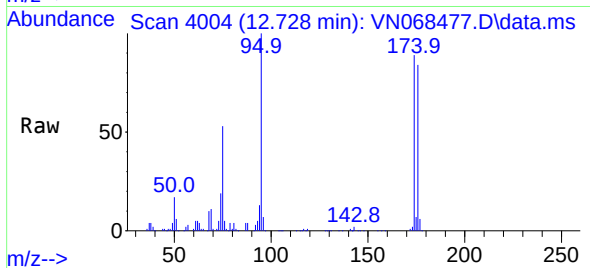




#71
Bromoform
Concen: 0.625 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.268 min
Lab File: VN068477.D
Acq: 15 Sep 2021 12:03

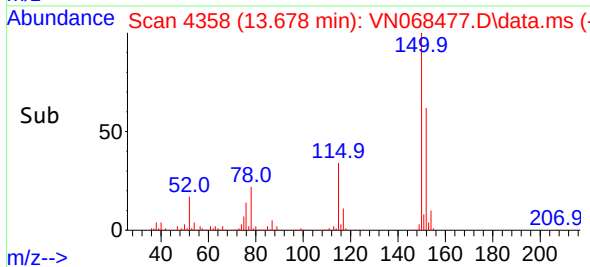
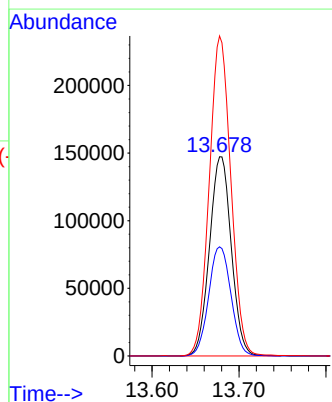
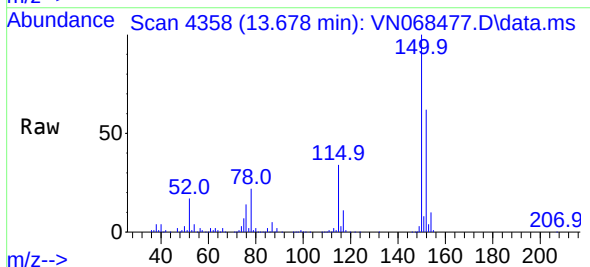
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL01

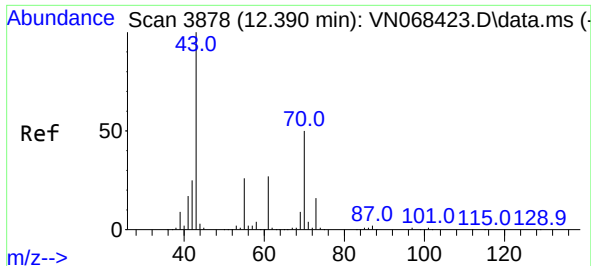
Tgt Ion:173 Resp: 2588
Ion Ratio Lower Upper
173 100
175 639.7 24.1 72.3#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068477.D
Acq: 15 Sep 2021 12:03

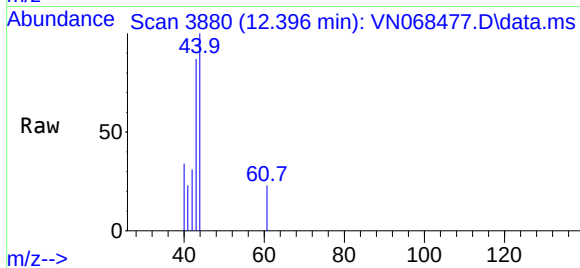
Tgt Ion:152 Resp: 256894
Ion Ratio Lower Upper
152 100
115 56.0 25.6 76.6
150 159.0 0.0 346.8





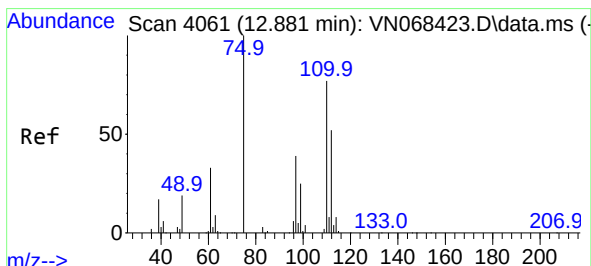
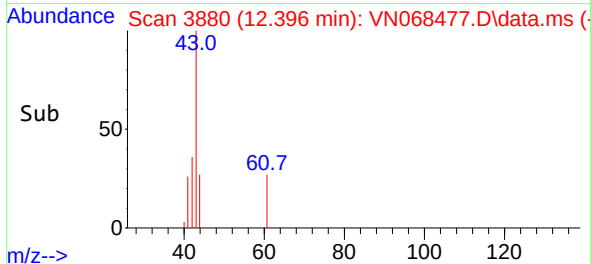
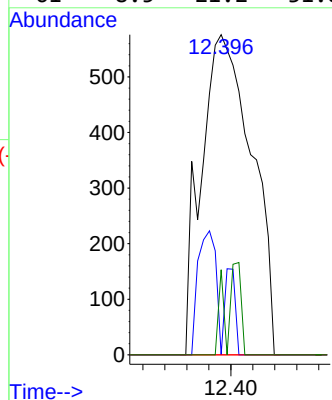
#74
N-amy1 acetate
Concen: 0.226 ug/l
RT: 12.396 min Scan# 3880
Delta R.T. 0.005 min
Lab File: VN068477.D
Acq: 15 Sep 2021 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL01

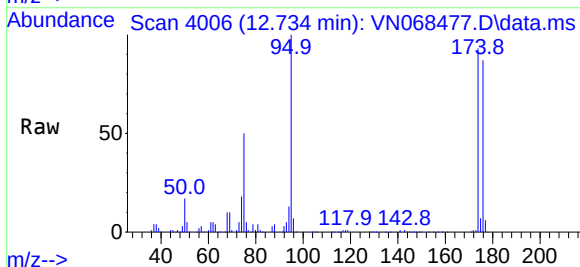


Tgt Ion: 43 Resp: 920

Ion	Ratio	Lower	Upper
43	100		
70	5.4	40.0	60.0#
55	0.0	21.1	31.7#
61	8.5	21.2	31.8#

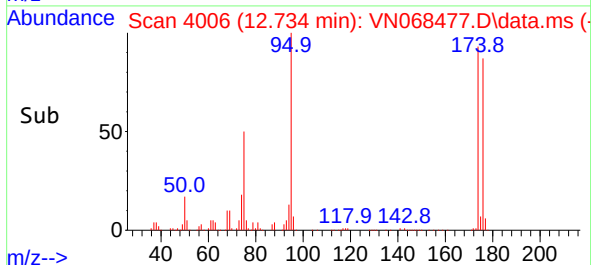
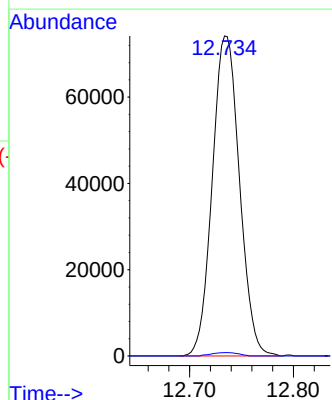


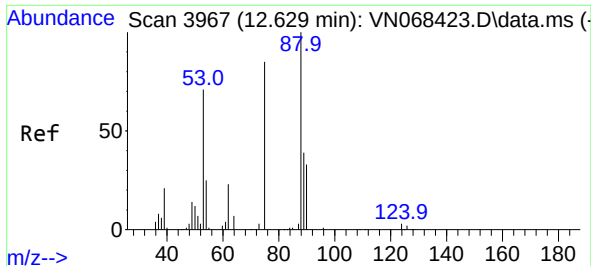
#76
1,2,3-Trichloropropane
Concen: 33.260 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN068477.D
Acq: 15 Sep 2021 12:03



Tgt Ion: 75 Resp: 134874

Ion	Ratio	Lower	Upper
75	100		
77	1.0	100.9	302.7#

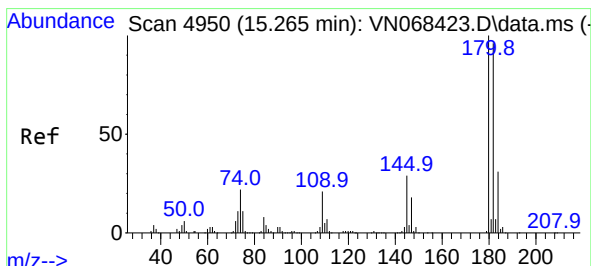
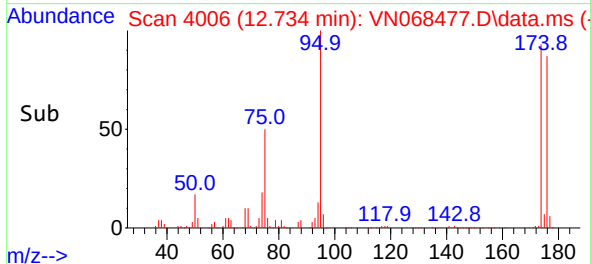
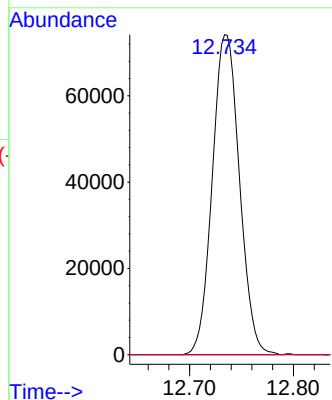
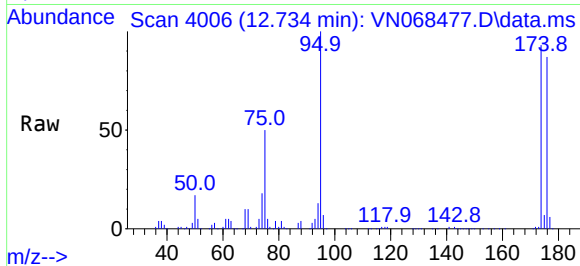




#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.354 ug/l
 RT: 12.734 min Scan# 4006
 Delta R.T. 0.105 min
 Lab File: VN068477.D
 Acq: 15 Sep 2021 12:03

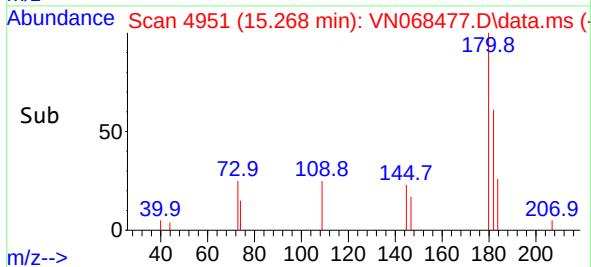
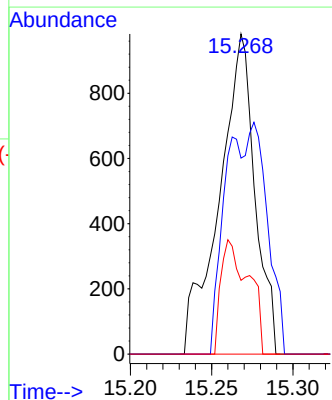
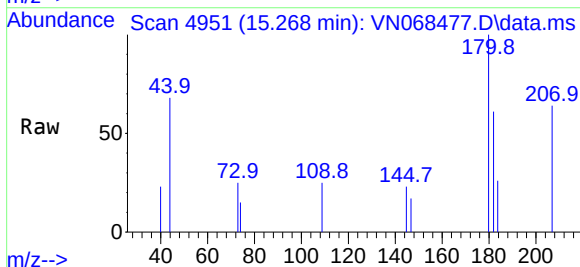
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBL01

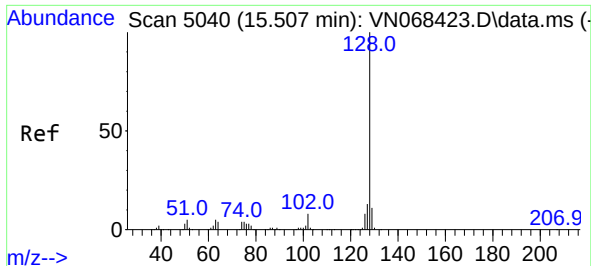
Tgt Ion: 75 Resp: 134874
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.6 105.8#
 89 0.0 39.5 59.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.388 ug/l
 RT: 15.268 min Scan# 4951
 Delta R.T. 0.003 min
 Lab File: VN068477.D
 Acq: 15 Sep 2021 12:03

Tgt Ion:180 Resp: 1499
 Ion Ratio Lower Upper
 180 100
 182 37.8 47.5 142.6#
 145 27.7 14.1 42.4

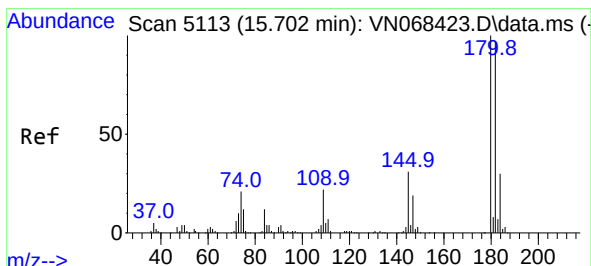
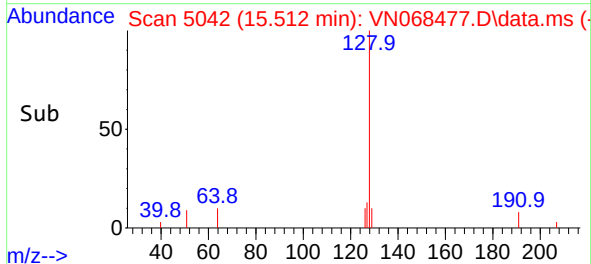
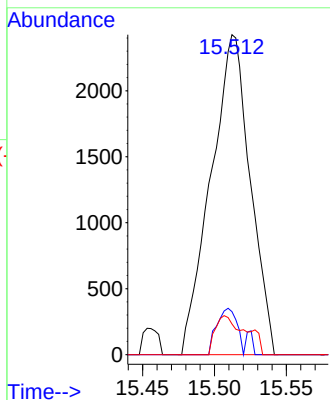
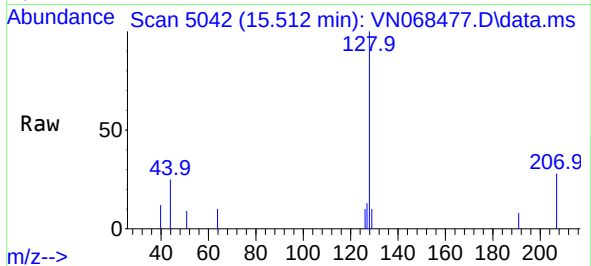




#95
Naphthalene
Concen: 3.918 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN068477.D
Acq: 15 Sep 2021 12:03

Instrument :
MSVOA_N
ClientSampled :
VN0915WBL01

Tgt Ion:	128	Resp:	4614
Ion	Ratio	Lower	Upper
128	100		
127	7.4	10.6	15.8#
129	9.4	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.394 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.003 min
Lab File: VN068477.D
Acq: 15 Sep 2021 12:03

Tgt Ion:	180	Resp:	1452
Ion	Ratio	Lower	Upper
180	100		
182	61.0	47.9	143.6
145	27.3	15.2	45.5

