

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092021\
 Data File : VN068561.D
 Acq On : 20 Sep 2021 17:55
 Operator : JC/MD
 Sample : VN0920WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0920WBL01

Quant Time: Sep 21 07:28:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 17 11:02:11 2021
 Response via : Initial Calibration

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

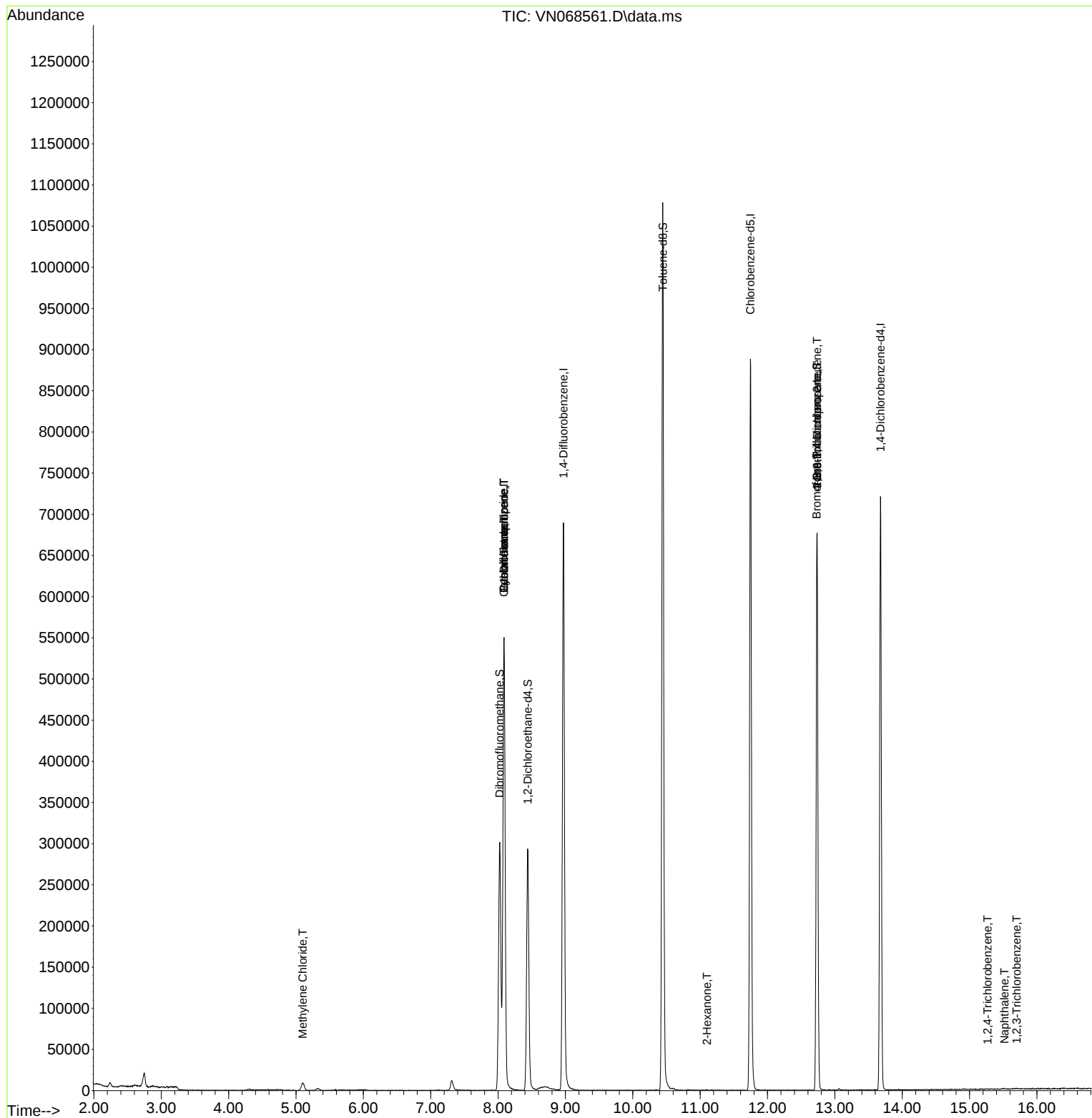
Internal Standards						
1) Pentafluorobenzene	8.088	168	467211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	668110	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	574287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	217583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	241915	56.447	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.900%			
35) Dibromofluoromethane	8.024	113	222015	55.096	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 110.200%			
50) Toluene-d8	10.446	98	815793	49.408	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.820%			
62) 4-Bromofluorobenzene	12.733	95	234962	43.701	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 87.400%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.303	50	271	Below Cal	#	42
5) Bromomethane	2.856	94	185	Below Cal	#	3
11) Tert butyl alcohol	5.315	59	534	Below Cal	#	84
16) Acetone	4.312	43	1971	Below Cal		95
18) Methyl Acetate	4.859	43	43	Below Cal	#	45
20) Methylene Chloride	5.098	84	7692	0.559	ug/l	96
31) Cyclohexane	8.088	56	8146	1.254	ug/l #	39
36) 1,1-Dichloropropene	8.088	75	29074	5.220	ug/l #	49
38) Carbon Tetrachloride	8.085	117	42810	6.415	ug/l #	16
59) 2-Hexanone	11.103	43	603	0.211	ug/l #	47
71) Bromoform	12.731	173	903	2.722	ug/l #	29
76) 1,2,3-Trichloropropane	12.736	75	118364	39.324	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.736	75	118364	120.560	ug/l #	13
93) 1,2,4-Trichlorobenzene	15.268	180	104	2.983	ug/l #	12
95) Naphthalene	15.517	128	755	3.578	ug/l #	74
96) 1,2,3-Trichlorobenzene	15.700	180	131	3.006	ug/l #	57

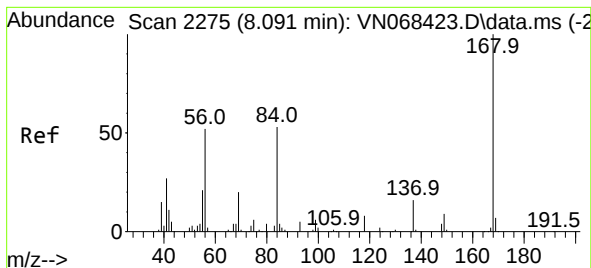
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN068561.D

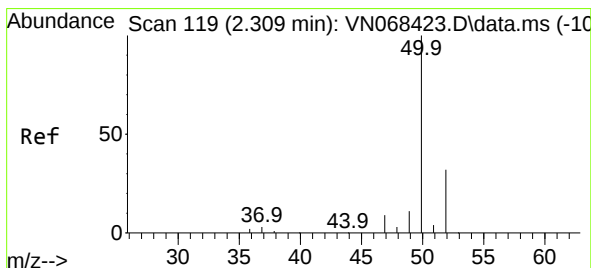
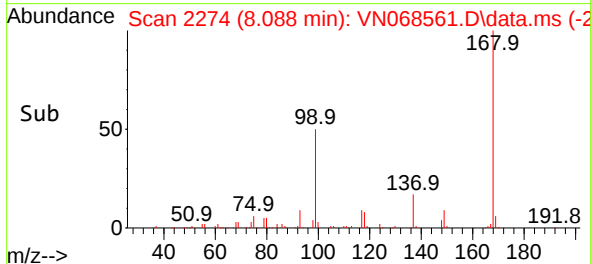
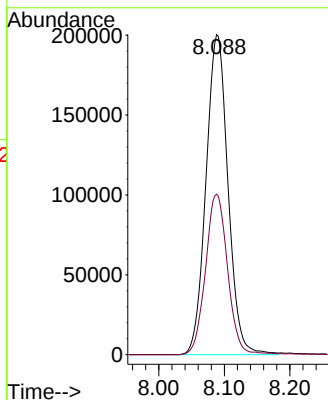
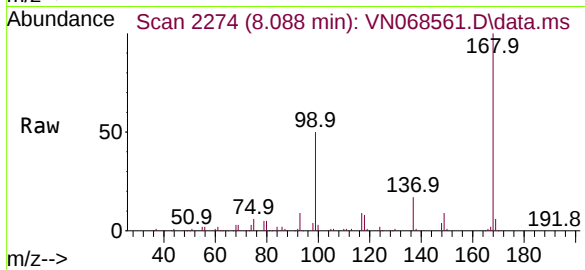
Acq: 20 Sep 2021 17:55

Tgt Ion:168 Resp: 467211

Ion Ratio Lower Upper

168 100

99 50.2 38.2 57.4



#3

Chloromethane

Concen: Below Cal

RT: 2.303 min Scan# 117

Delta R.T. -0.006 min

Lab File: VN068561.D

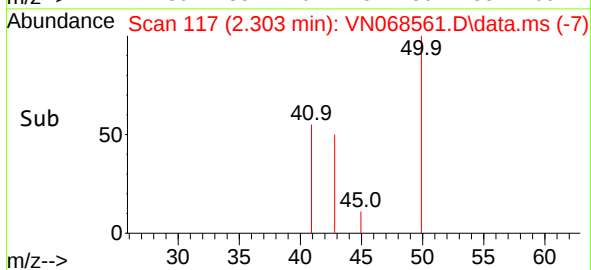
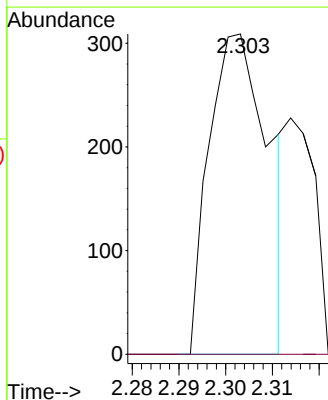
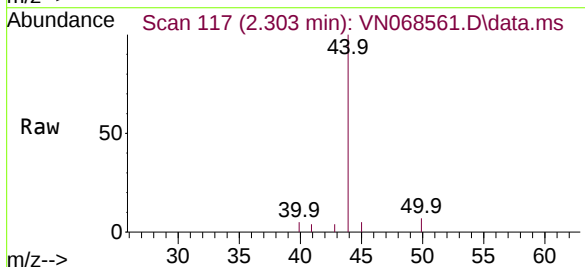
Acq: 20 Sep 2021 17:55

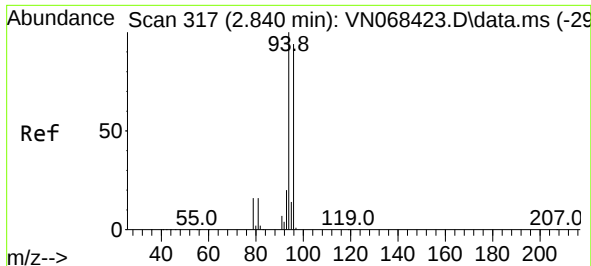
Tgt Ion: 50 Resp: 271

Ion Ratio Lower Upper

50 100

52 0.0 25.8 38.6#

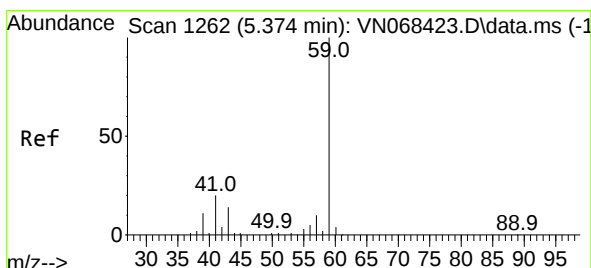
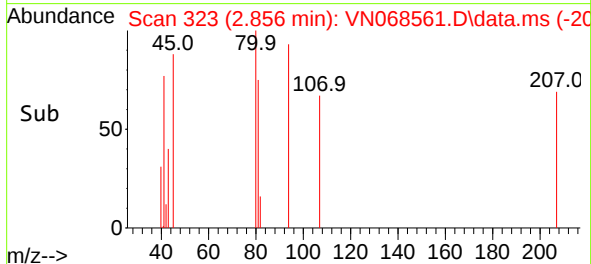
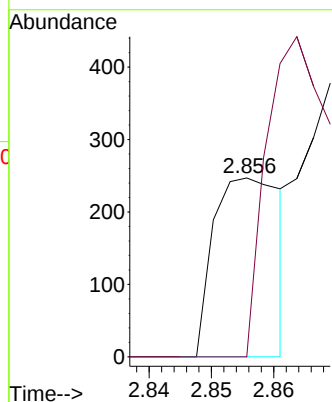
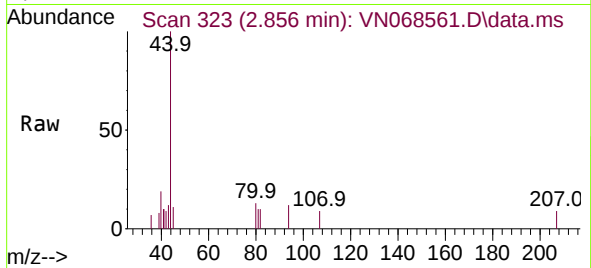




#5
Bromomethane
Concen: Below Cal
RT: 2.856 min Scan# 323
Delta R.T. 0.016 min
Lab File: VN068561.D
Acq: 20 Sep 2021 17:55

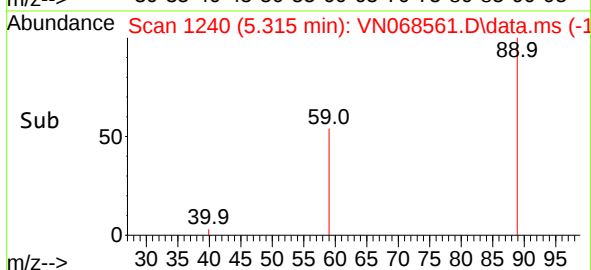
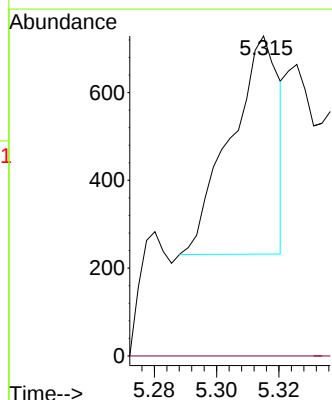
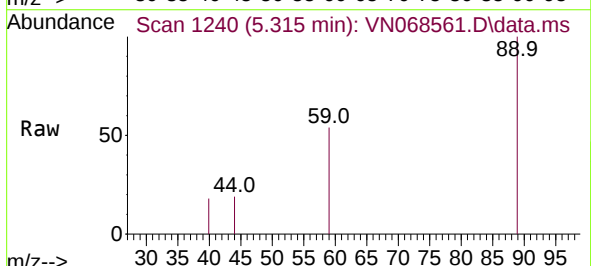
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBL01

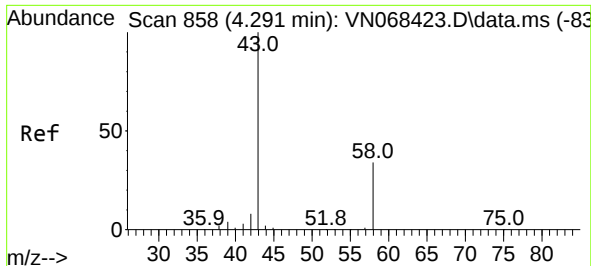
Tgt Ion: 94 Resp: 185
Ion Ratio Lower Upper
94 100
96 0.0 75.4 113.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.315 min Scan# 1240
Delta R.T. -0.059 min
Lab File: VN068561.D
Acq: 20 Sep 2021 17:55

Tgt Ion: 59 Resp: 534
Ion Ratio Lower Upper
59 100
57 0.0 4.3 6.5#

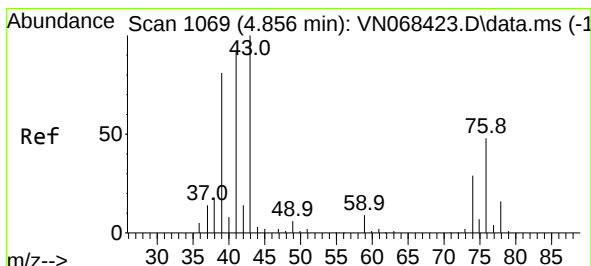
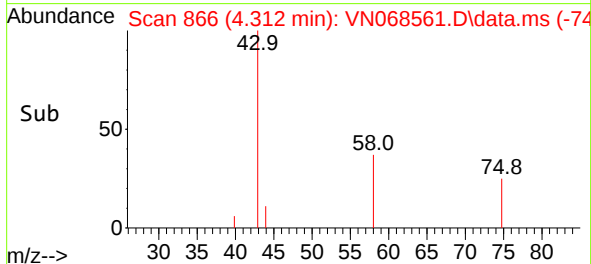
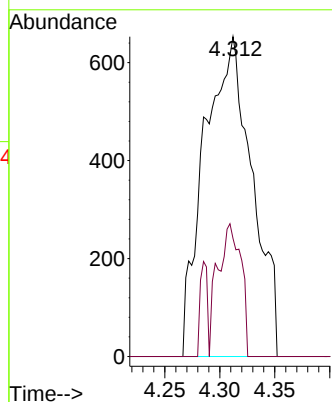
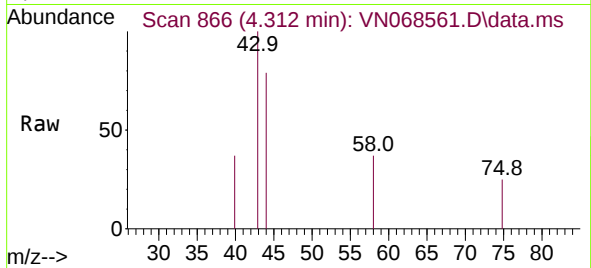




#16
Acetone
Concen: Below Cal
RT: 4.312 min Scan# 866
Delta R.T. 0.021 min
Lab File: VN068561.D
Acq: 20 Sep 2021 17:55

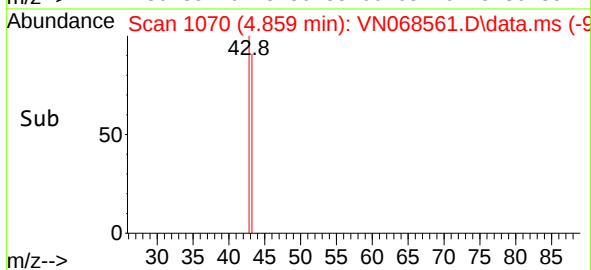
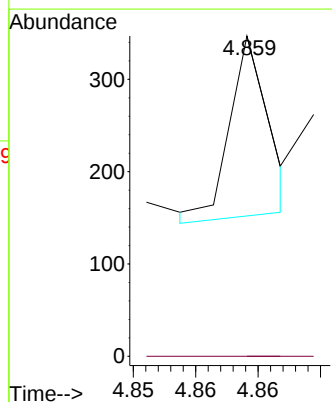
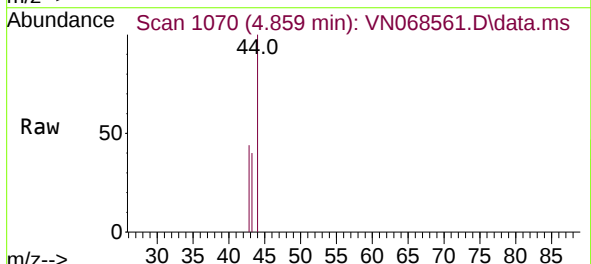
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBL01

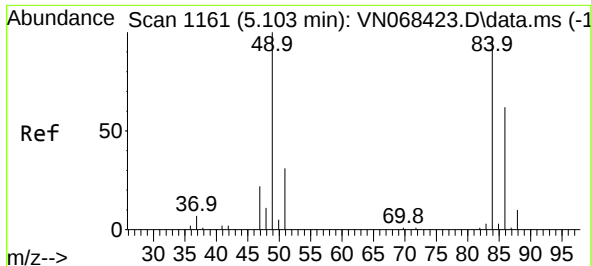
Tgt Ion: 43 Resp: 1971
Ion Ratio Lower Upper
43 100
58 36.9 27.0 40.6



#18
Methyl Acetate
Concen: Below Cal
RT: 4.859 min Scan# 1070
Delta R.T. 0.003 min
Lab File: VN068561.D
Acq: 20 Sep 2021 17:55

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



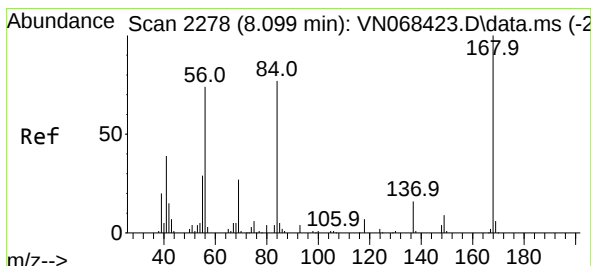
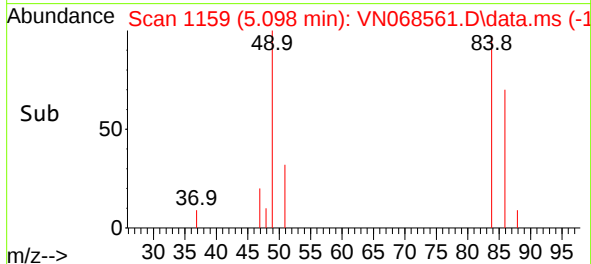
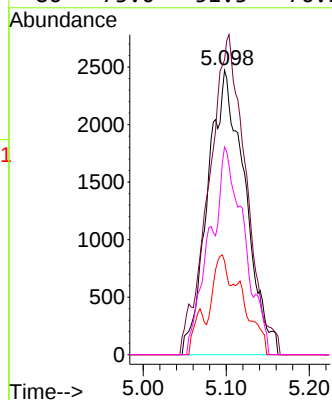
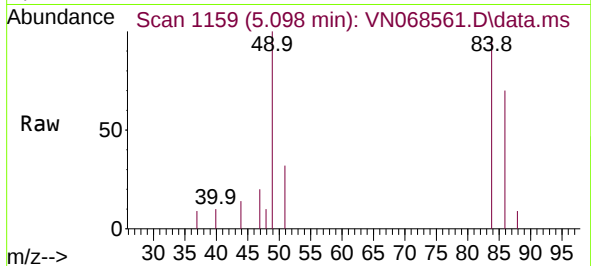


#20
Methylene Chloride
Concen: 0.559 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. -0.005 min
Lab File: VN068561.D
Acq: 20 Sep 2021 17:55

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBL01

Tgt Ion: 84 Resp: 7692

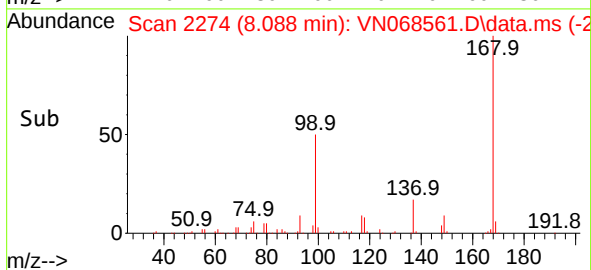
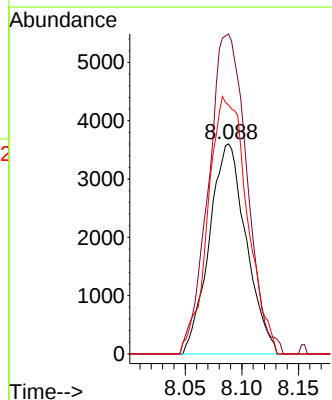
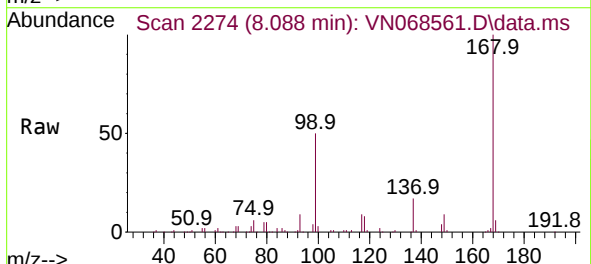
Ion	Ratio	Lower	Upper
84	100		
49	103.6	83.0	124.6
51	32.9	25.4	38.0
86	73.0	51.3	76.9

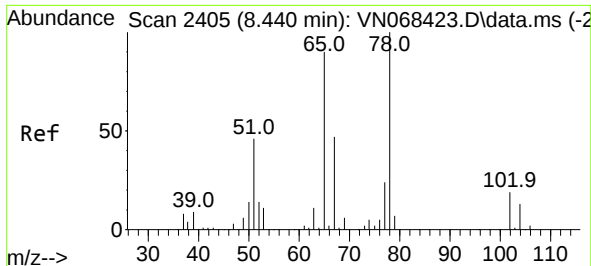


#31
Cyclohexane
Concen: 1.254 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.011 min
Lab File: VN068561.D
Acq: 20 Sep 2021 17:55

Tgt Ion: 56 Resp: 8146

Ion	Ratio	Lower	Upper
56	100		
69	152.4	29.4	44.0#
84	118.5	83.6	125.4

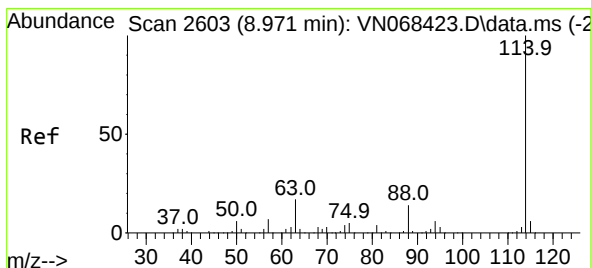
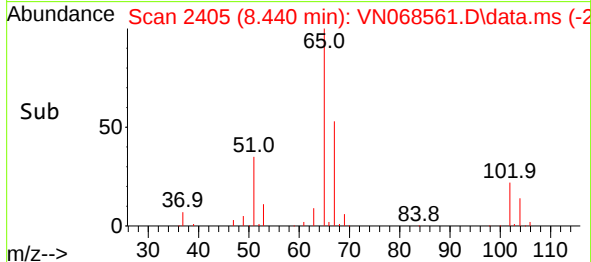
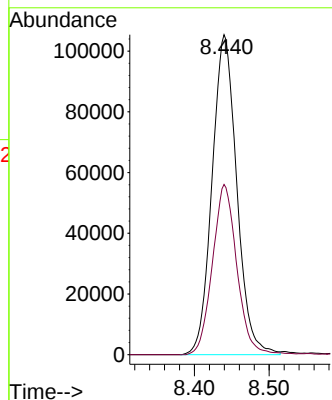
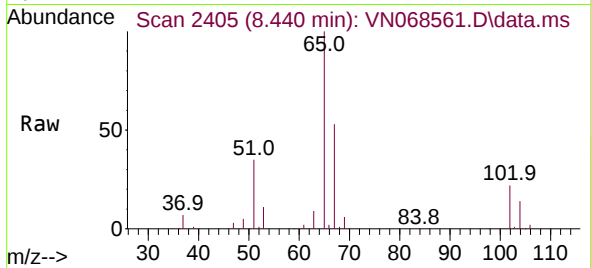




#33
 1,2-Dichloroethane-d4
 Concen: 56.447 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN068561.D
 Acq: 20 Sep 2021 17:55

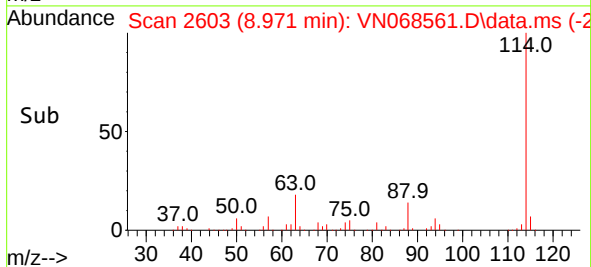
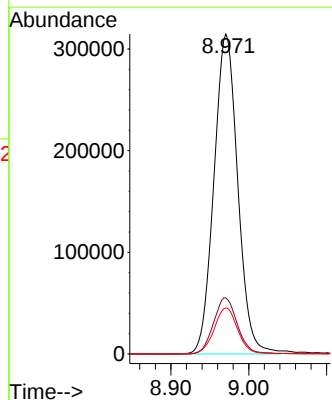
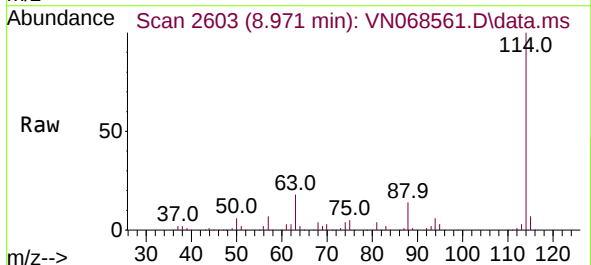
Instrument :
 MSVOA_N
 ClientSampled :
 VN0920WBL01

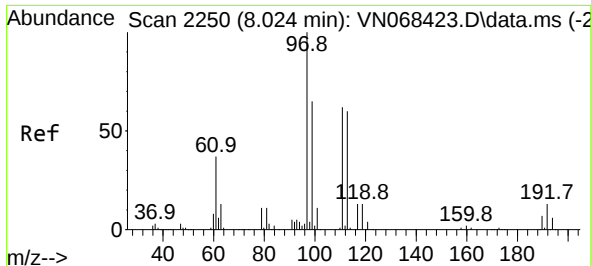
Tgt Ion: 65 Resp: 241915
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. -0.000 min
 Lab File: VN068561.D
 Acq: 20 Sep 2021 17:55

Tgt Ion: 114 Resp: 668110
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 33.2
 88 14.4 0.0 28.4

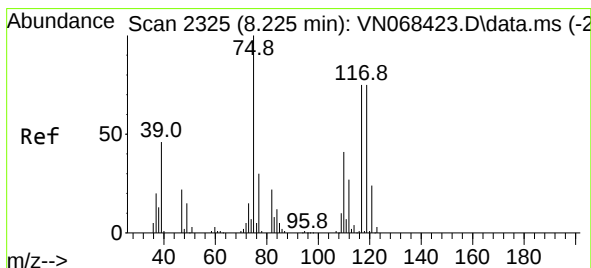
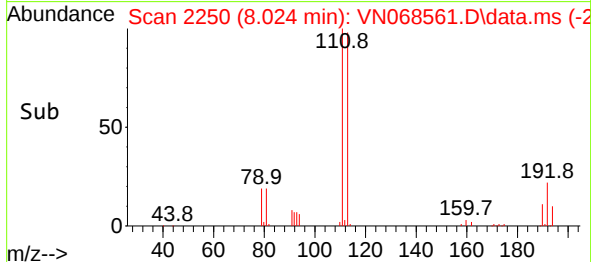
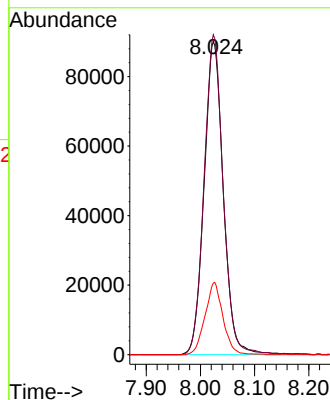
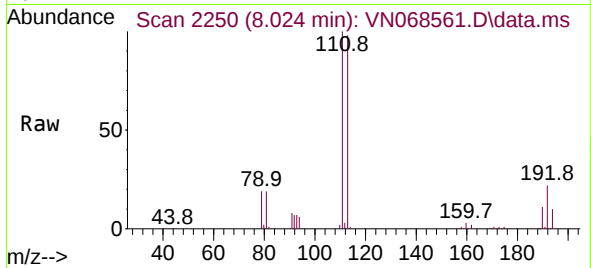




#35
Dibromofluoromethane
Concen: 55.096 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN068561.D
Acq: 20 Sep 2021 17:55

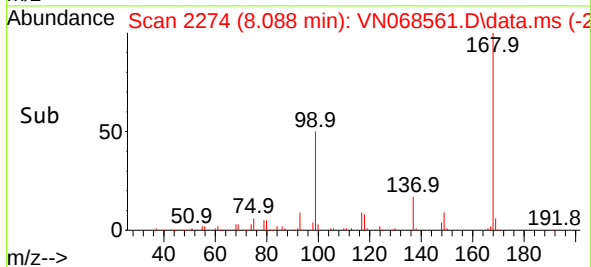
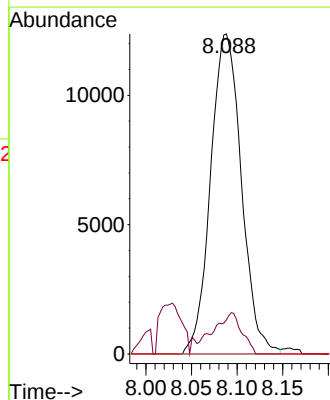
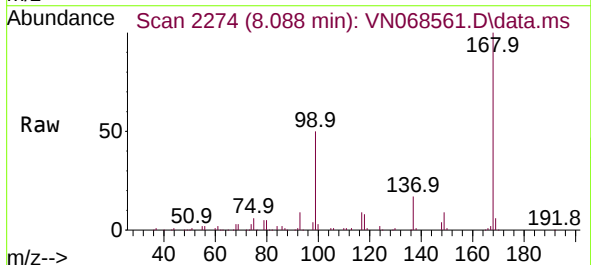
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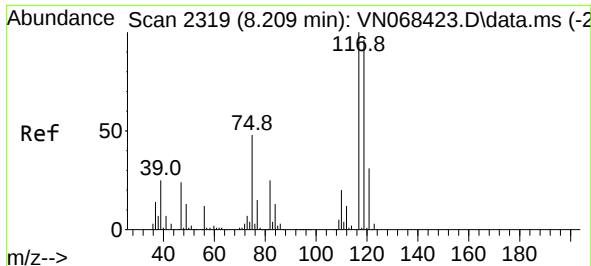
Tgt Ion:113 Resp: 222015
Ion Ratio Lower Upper
113 100
111 101.2 81.1 121.7
192 21.6 17.7 26.5



#36
1,1-Dichloropropene
Concen: 5.220 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.137 min
Lab File: VN068561.D
Acq: 20 Sep 2021 17:55

Tgt Ion: 75 Resp: 29074
Ion Ratio Lower Upper
75 100
110 11.9 20.8 62.5#
77 0.0 25.0 37.6#

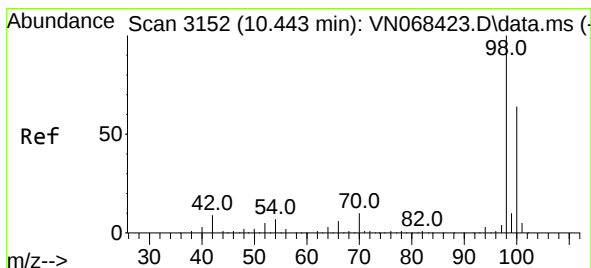
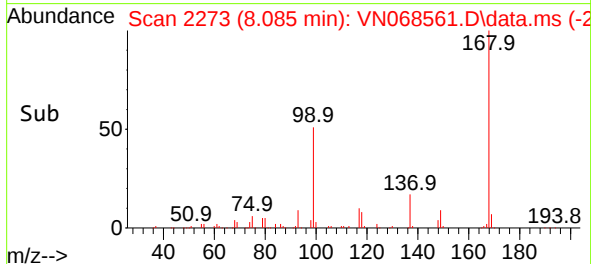
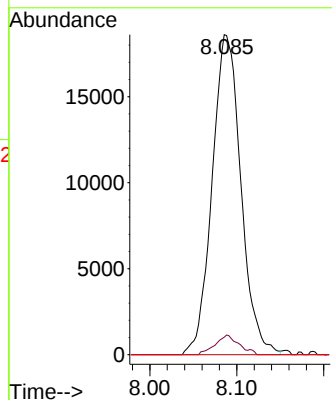
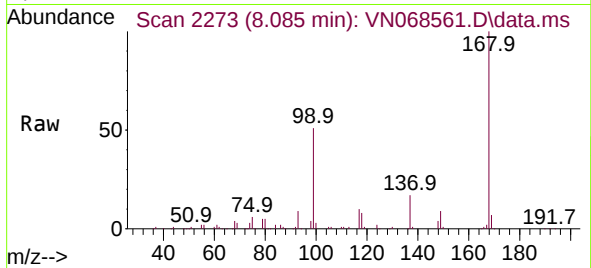




#38
Carbon Tetrachloride
Concen: 6.415 ug/l
RT: 8.085 min Scan# 2273
Delta R.T. -0.123 min
Lab File: VN068561.D
Acq: 20 Sep 2021 17:55

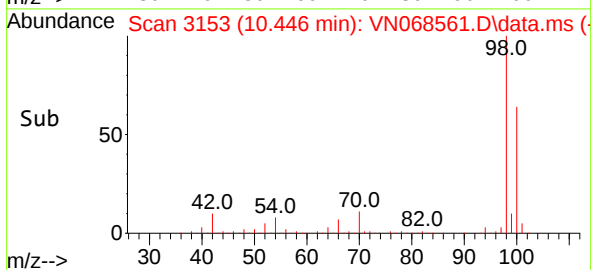
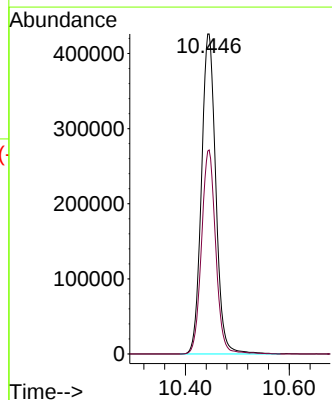
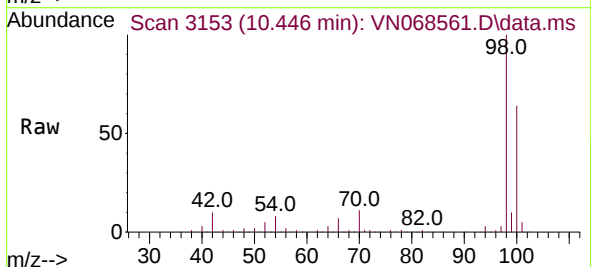
Instrument :
MSVOA_N
ClientSampleId :
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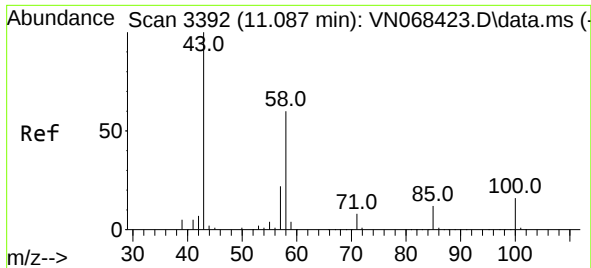
Tgt Ion:117 Resp: 42810
Ion Ratio Lower Upper
117 100
119 5.5 76.6 114.8#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.408 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068561.D
Acq: 20 Sep 2021 17:55

Tgt Ion: 98 Resp: 815793
Ion Ratio Lower Upper
98 100
100 63.0 51.0 76.6

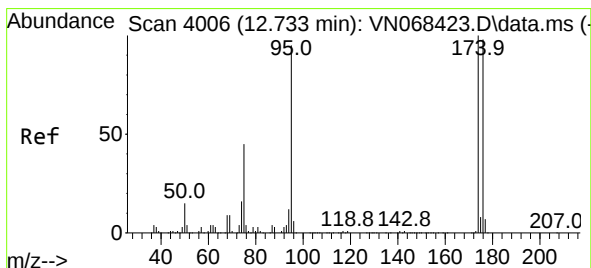
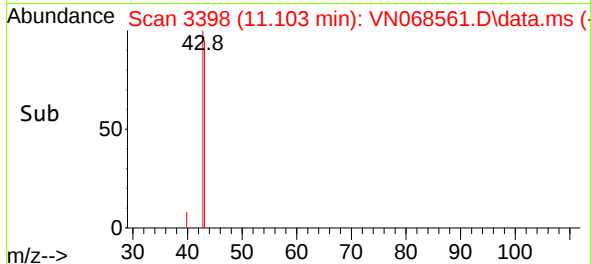
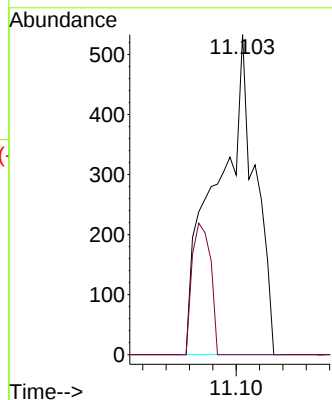
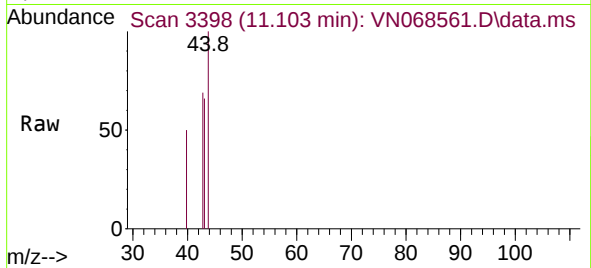




#59
2-Hexanone
Concen: 0.211 ug/l
RT: 11.103 min Scan# 3398
Delta R.T. 0.016 min
Lab File: VN068561.D
Acq: 20 Sep 2021 17:55

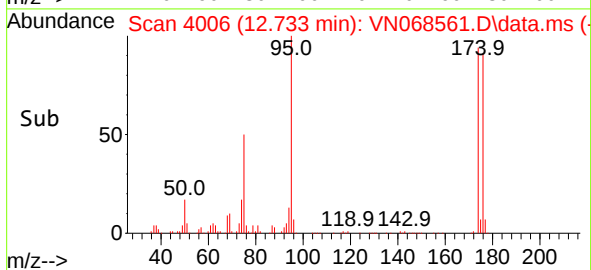
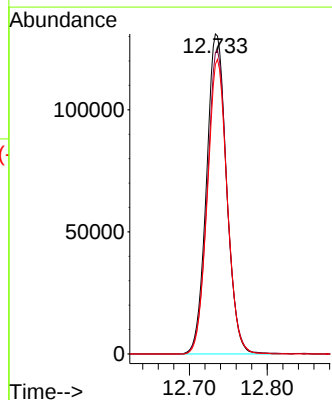
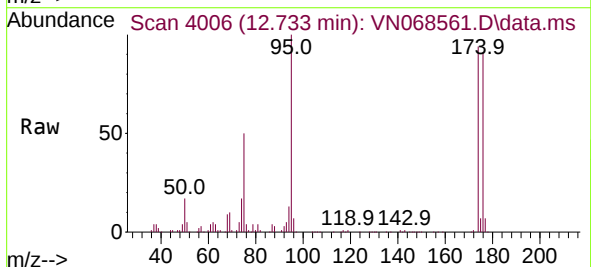
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBL01

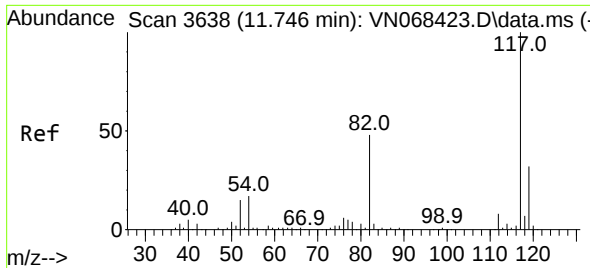
Tgt Ion: 43 Resp: 603
Ion Ratio Lower Upper
43 100
58 19.9 30.0 90.1#



#62
4-Bromofluorobenzene
Concen: 43.701 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068561.D
Acq: 20 Sep 2021 17:55

Tgt Ion: 95 Resp: 234962
Ion Ratio Lower Upper
95 100
174 93.7 0.0 214.0
176 90.7 0.0 205.4

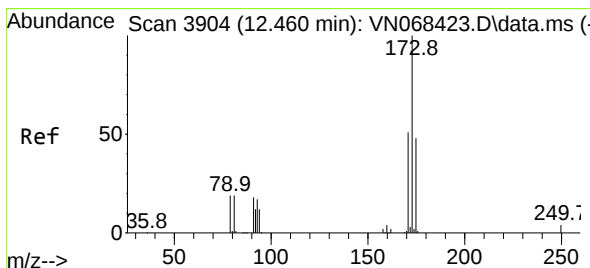
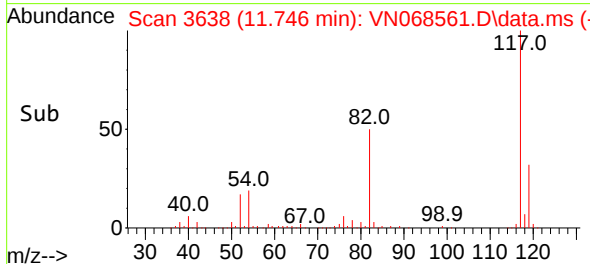
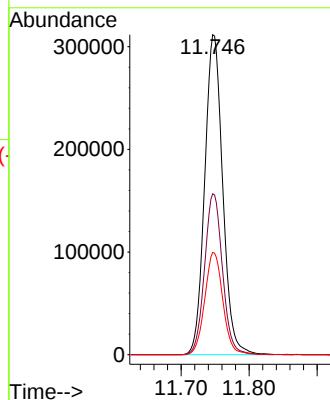
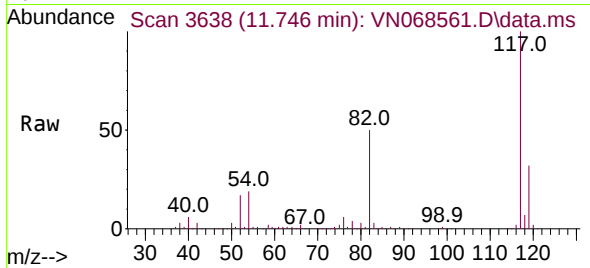




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068561.D
Acq: 20 Sep 2021 17:55

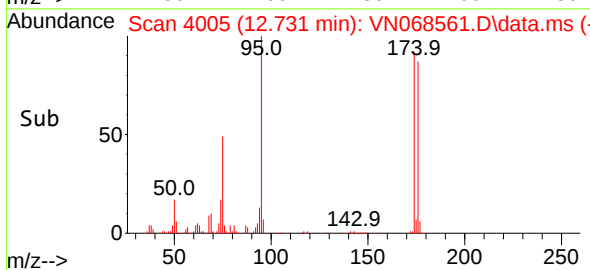
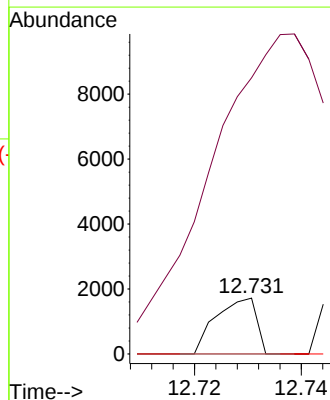
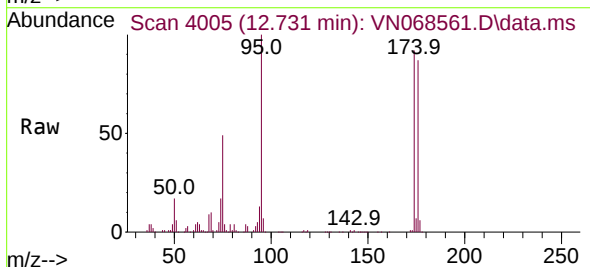
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBL01

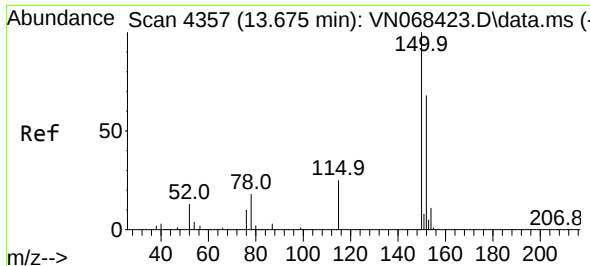
Tgt Ion:117 Resp: 574287
Ion Ratio Lower Upper
117 100
82 50.3 38.7 58.1
119 31.9 25.5 38.3



#71
Bromoform
Concen: 2.722 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.271 min
Lab File: VN068561.D
Acq: 20 Sep 2021 17:55

Tgt Ion:173 Resp: 903
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.3#
254 0.0 0.0 0.0

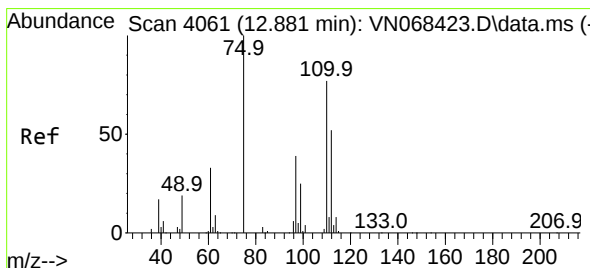
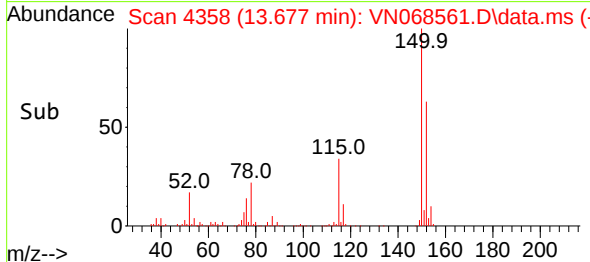
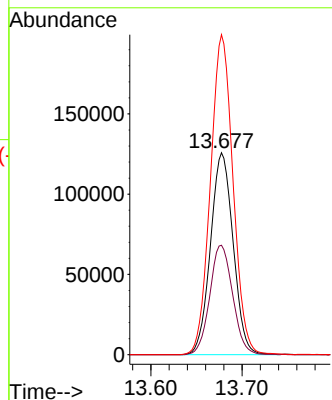
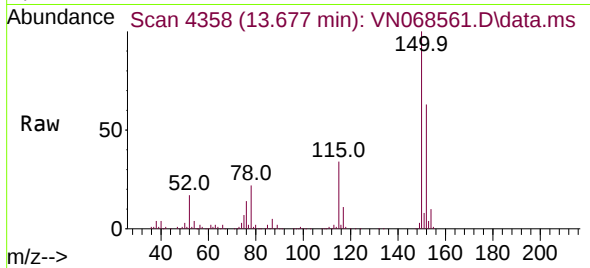




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN068561.D
Acq: 20 Sep 2021 17:55

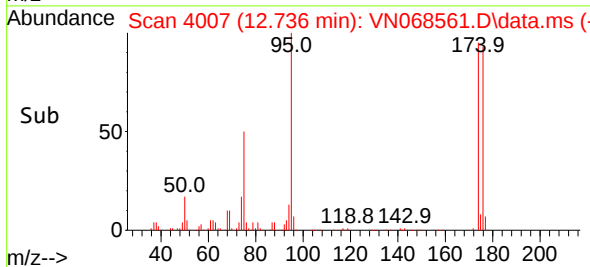
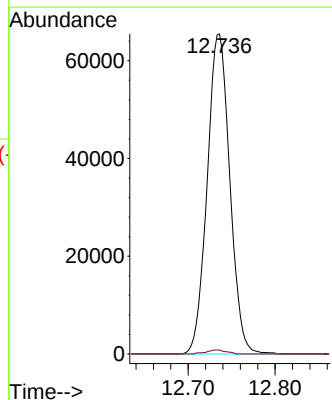
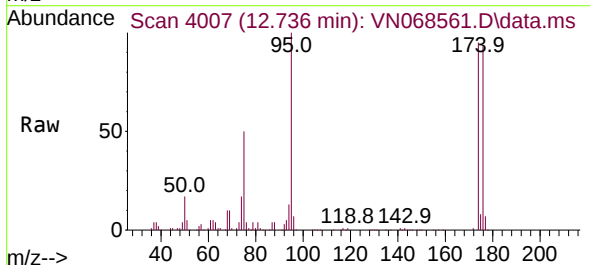
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBL01

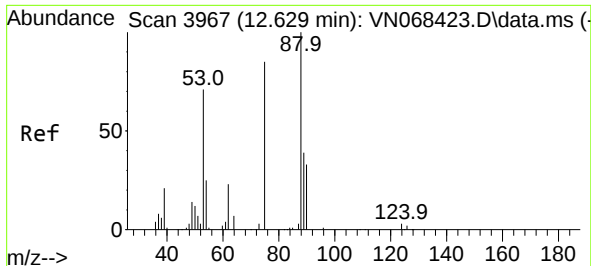
Tgt Ion:152 Resp: 217583
Ion Ratio Lower Upper
152 100
115 54.6 25.6 76.6
150 157.8 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 39.324 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.145 min
Lab File: VN068561.D
Acq: 20 Sep 2021 17:55

Tgt Ion: 75 Resp: 118364
Ion Ratio Lower Upper
75 100
77 1.1 100.9 302.7#

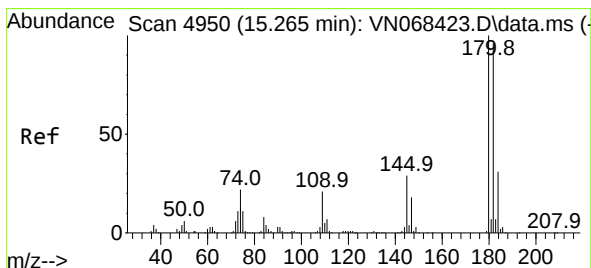
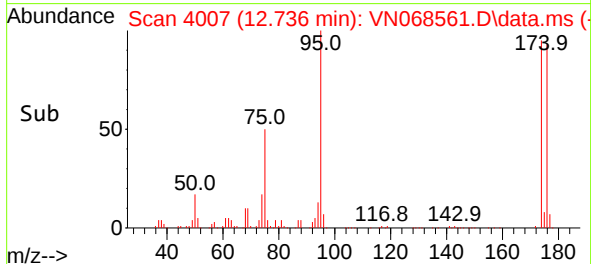
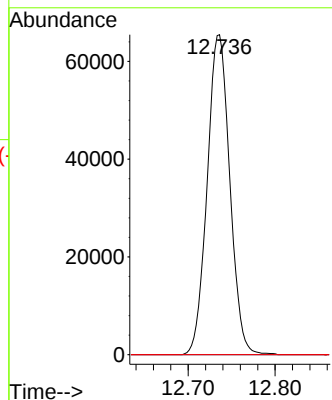
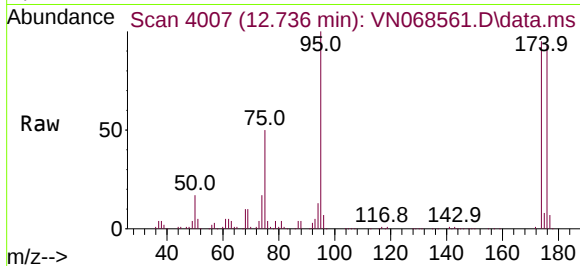




#81
trans-1,4-Dichloro-2-butene
Concen: 120.560 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.107 min
Lab File: VN068561.D
Acq: 20 Sep 2021 17:55

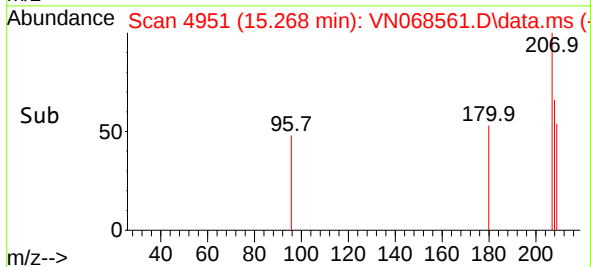
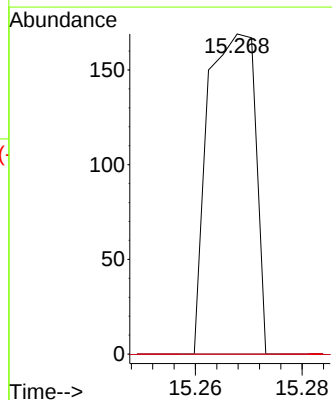
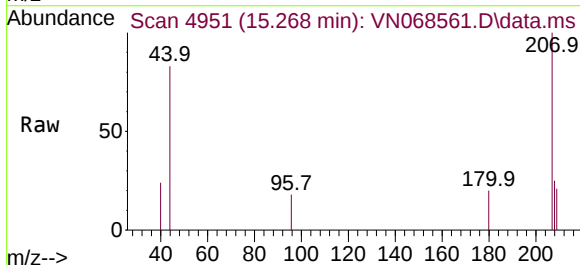
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBL01

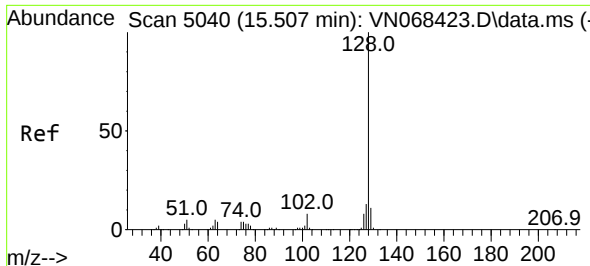
Tgt Ion: 75 Resp: 118364
Ion Ratio Lower Upper
75 100
53 0.0 70.6 105.8#
89 0.0 39.5 59.3#



#93
1,2,4-Trichlorobenzene
Concen: 2.983 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN068561.D
Acq: 20 Sep 2021 17:55

Tgt Ion:180 Resp: 104
Ion Ratio Lower Upper
180 100
182 0.0 47.5 142.6#
145 0.0 14.1 42.4#

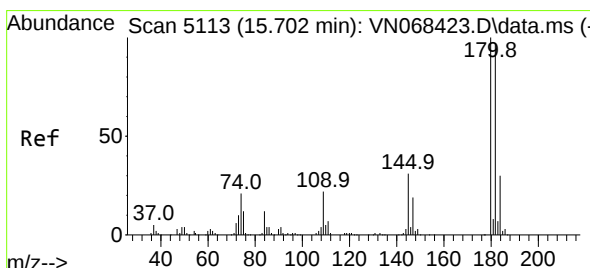
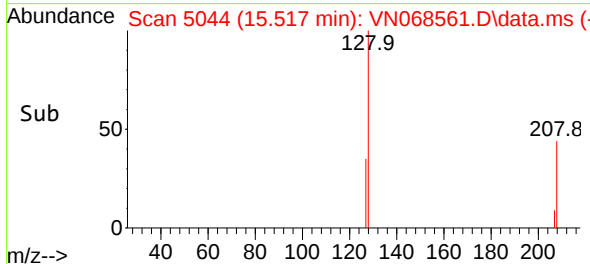
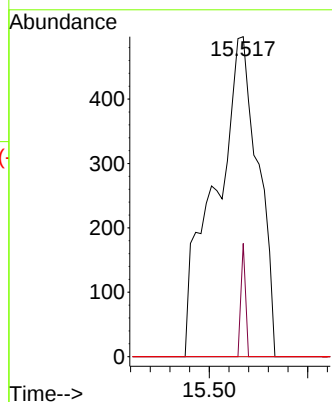
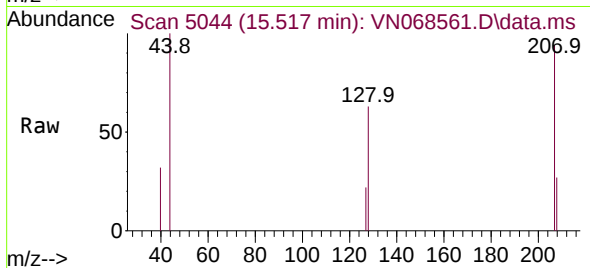




#95
Naphthalene
Concen: 3.578 ug/l
RT: 15.517 min Scan# 5044
Delta R.T. 0.010 min
Lab File: VN068561.D
Acq: 20 Sep 2021 17:55

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBL01

Tgt Ion:128	Resp:	755
Ion Ratio	Lower	Upper
128	100	
127	3.7	10.6 15.8#
129	0.0	8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 3.006 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN068561.D
Acq: 20 Sep 2021 17:55

Tgt Ion:180	Resp:	131
Ion Ratio	Lower	Upper
180	100	
182	133.6	47.9 143.6
145	0.0	15.2 45.5#

