

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101521\
 Data File : VN068943.D
 Acq On : 15 Oct 2021 12:22
 Operator : JC/MD
 Sample : VN1015WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 18 02:14:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	341561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	591211	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	542067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	197541	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	223006	49.520	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.040%
35) Dibromofluoromethane	8.024	113	177108	51.489	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.980%
50) Toluene-d8	10.443	98	729566	53.010	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.020%
62) 4-Bromofluorobenzene	12.733	95	266132	51.252	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.500%

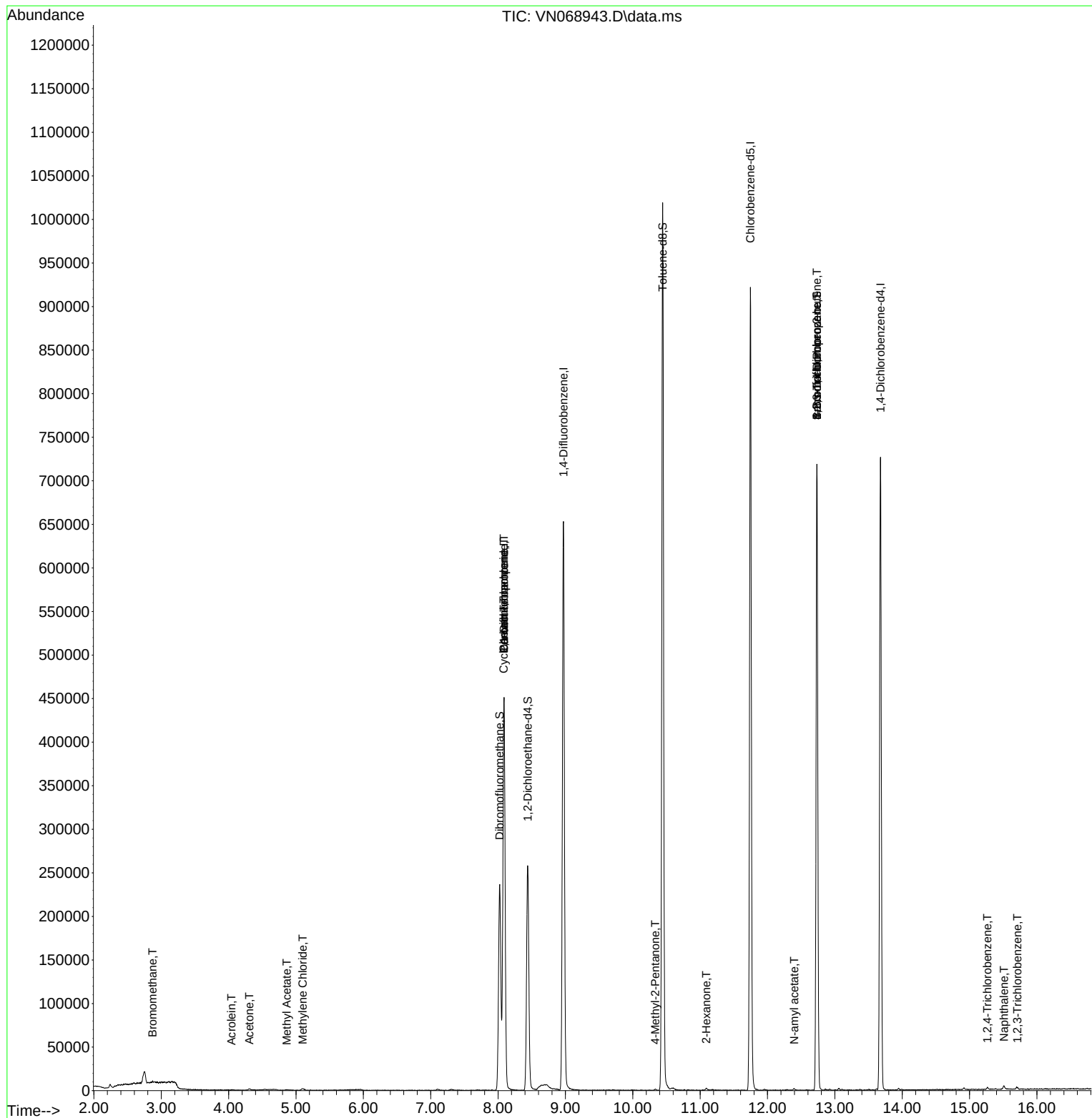
Target Compounds				Qvalue		
5) Bromomethane	2.869	94	594	0.255	ug/l	94
13) Acrolein	4.041	56	111	0.305	ug/l #	61
16) Acetone	4.307	43	1619	0.963	ug/l	98
18) Methyl Acetate	4.864	43	1747	0.274	ug/l #	60
20) Methylene Chloride	5.101	84	915	0.237	ug/l #	86
31) Cyclohexane	8.083	56	7790	1.113	ug/l #	3
36) 1,1-Dichloropropene	8.088	75	28383	5.621	ug/l #	49
38) Carbon Tetrachloride	8.088	117	35441	6.390	ug/l #	15
51) 4-Methyl-2-Pentanone	10.336	43	1296	0.243	ug/l #	36
59) 2-Hexanone	11.089	43	2346	0.613	ug/l	69
71) Bromoform	12.733	173	1863	0.579	ug/l #	1
74) N-amyl acetate	12.395	43	1380	0.222	ug/l #	76
76) 1,2,3-Trichloropropane	12.733	75	136930	32.578	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	136930	77.942	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.265	180	953	2.874	ug/l #	85
95) Naphthalene	15.509	128	4832	4.299	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.708	180	1135	2.855	ug/l	85

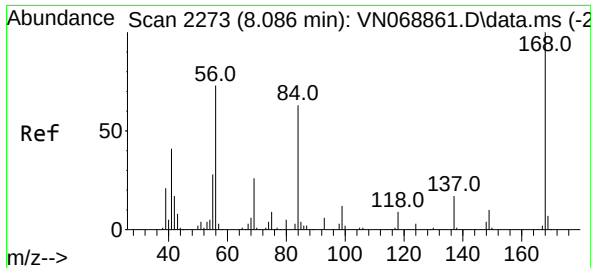
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101521\
Data File : VN068943.D
Acq On : 15 Oct 2021 12:22
Operator : JC/MD
Sample : VN1015WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Oct 18 02:14:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 13 05:44:40 2021
Response via : Initial Calibration

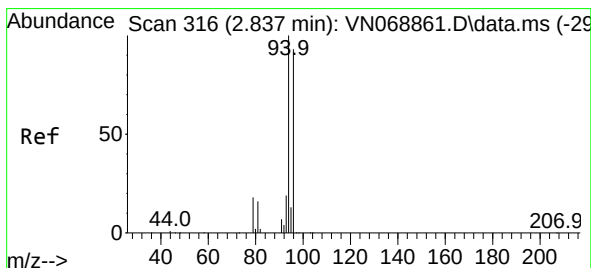
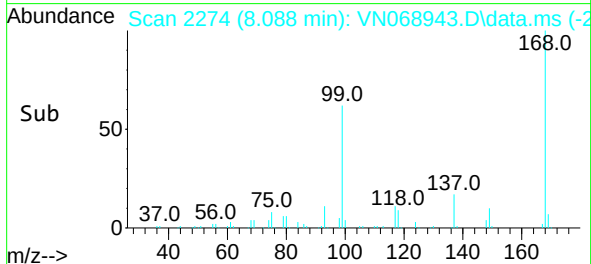
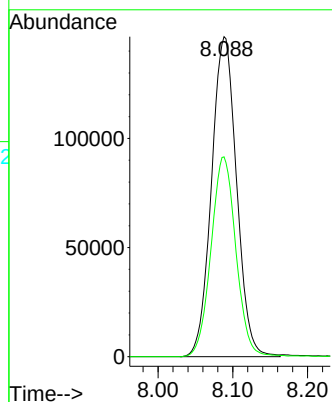
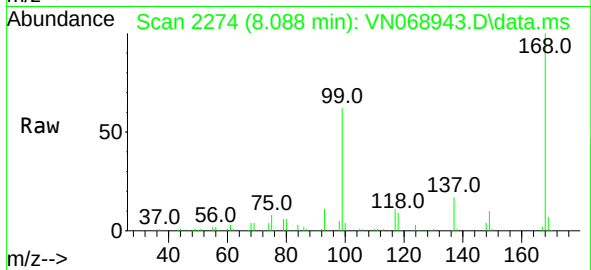




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068943.D
Acq: 15 Oct 2021 12:22

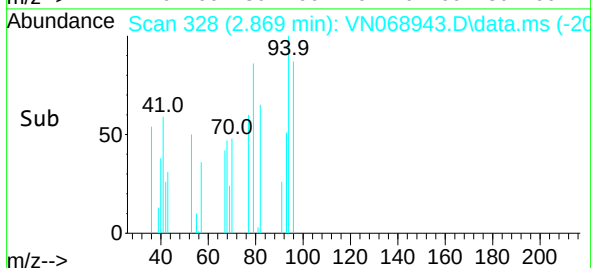
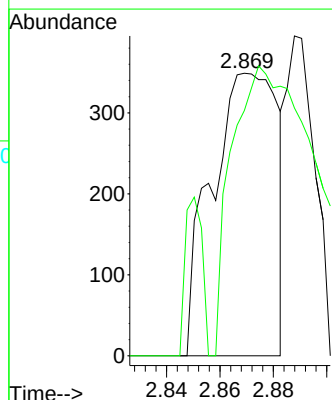
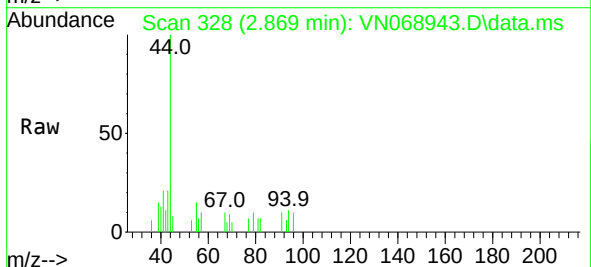
Instrument :
MSVOA_N
ClientSampleId :

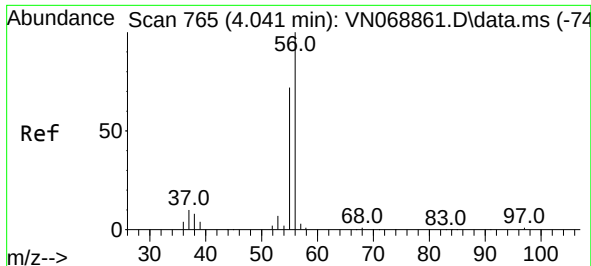
Tgt Ion:168 Resp: 341561
Ion Ratio Lower Upper
168 100
99 62.5 48.9 73.3



#5
Bromomethane
Concen: 0.255 ug/l
RT: 2.869 min Scan# 328
Delta R.T. 0.032 min
Lab File: VN068943.D
Acq: 15 Oct 2021 12:22

Tgt Ion: 94 Resp: 594
Ion Ratio Lower Upper
94 100
96 86.8 74.2 111.4

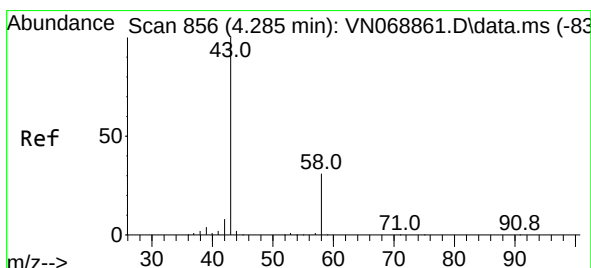
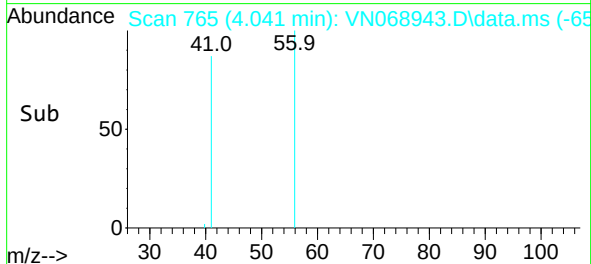
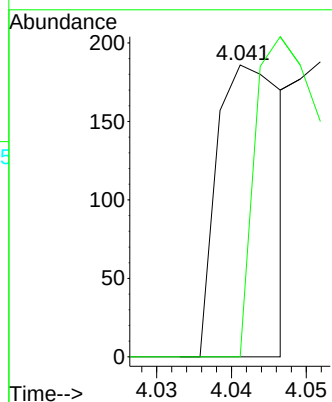
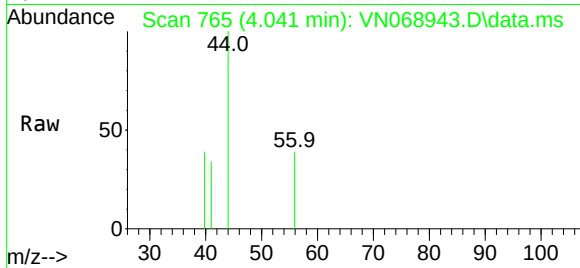




#13
Acrolein
Concen: 0.305 ug/l
RT: 4.041 min Scan# 765
Delta R.T. -0.000 min
Lab File: VN068943.D
Acq: 15 Oct 2021 12:22

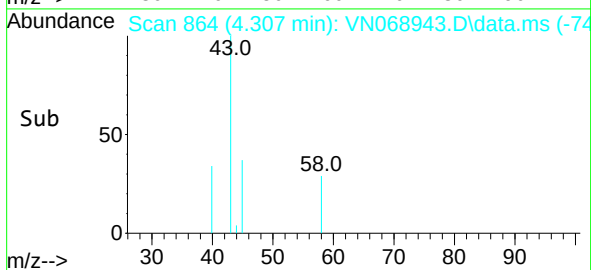
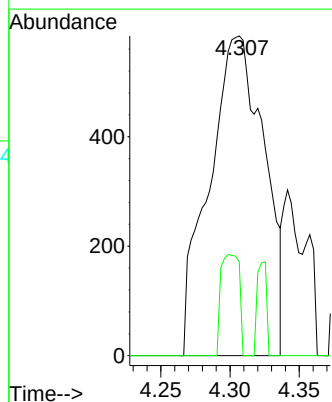
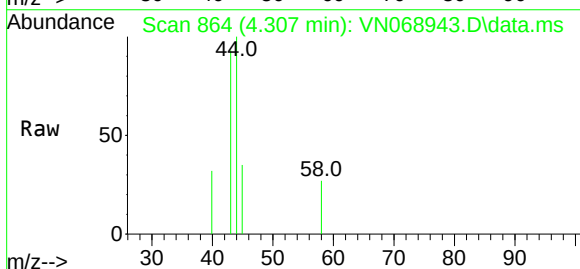
Instrument :
MSVOA_N
ClientSampled :

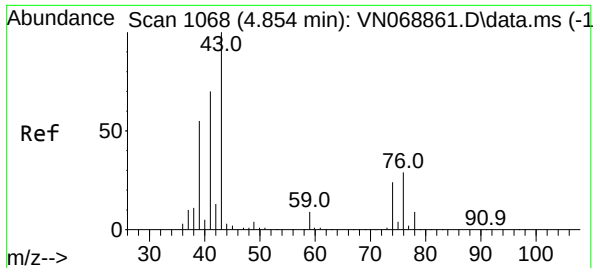
Tgt Ion: 56 Resp: 111
Ion Ratio Lower Upper
56 100
55 105.4 58.1 87.1#



#16
Acetone
Concen: 0.963 ug/l
RT: 4.307 min Scan# 864
Delta R.T. 0.021 min
Lab File: VN068943.D
Acq: 15 Oct 2021 12:22

Tgt Ion: 43 Resp: 1619
Ion Ratio Lower Upper
43 100
58 29.3 24.5 36.7

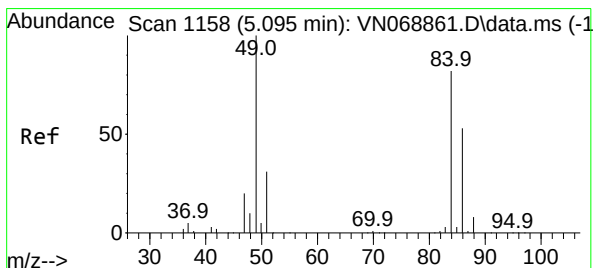
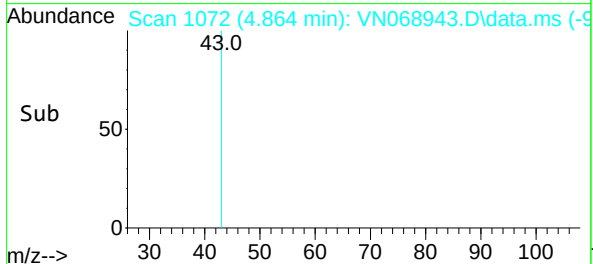
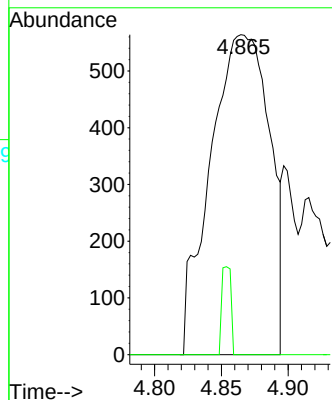
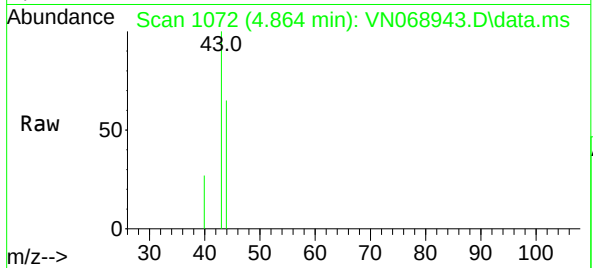




#18
Methyl Acetate
Concen: 0.274 ug/l
RT: 4.864 min Scan# 1072
Delta R.T. 0.011 min
Lab File: VN068943.D
Acq: 15 Oct 2021 12:22

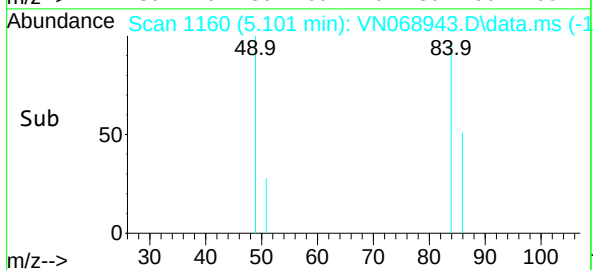
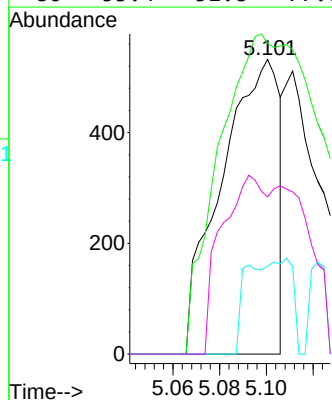
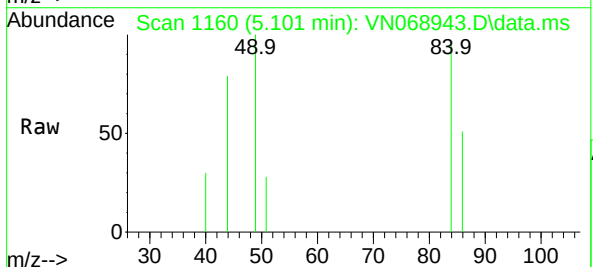
Instrument :
MSVOA_N
ClientSampled :

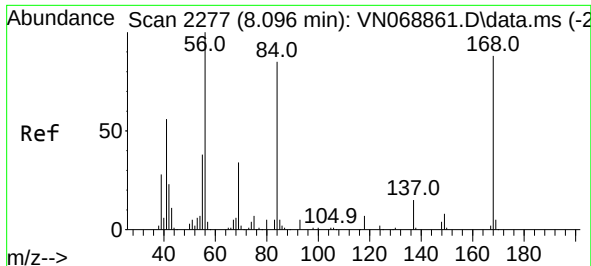
Tgt Ion: 43 Resp: 1747
Ion Ratio Lower Upper
43 100
74 4.2 18.9 28.3#



#20
Methylene Chloride
Concen: 0.237 ug/l
RT: 5.101 min Scan# 1160
Delta R.T. 0.005 min
Lab File: VN068943.D
Acq: 15 Oct 2021 12:22

Tgt Ion: 84 Resp: 915
Ion Ratio Lower Upper
84 100
49 105.5 97.6 146.4
51 29.9 30.3 45.5#
86 53.4 51.8 77.6

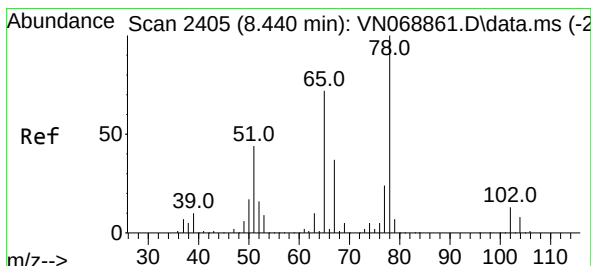
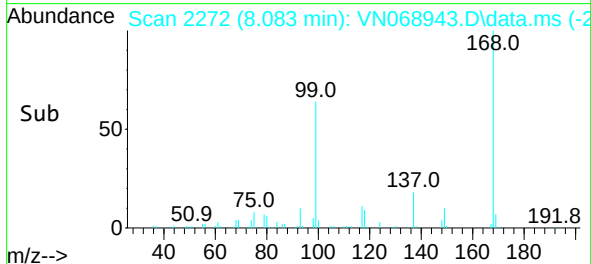
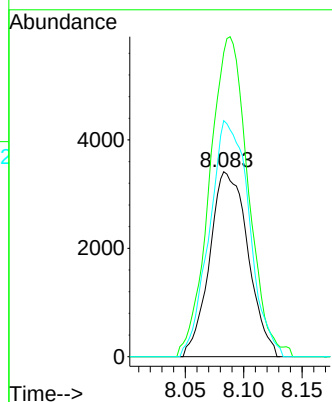
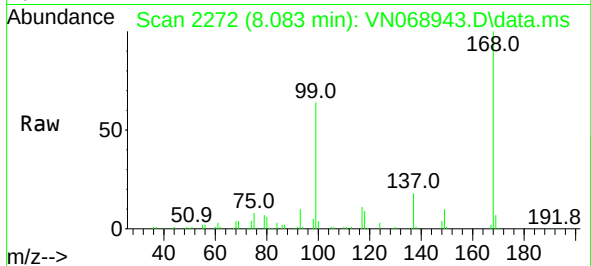




#31
Cyclohexane
Concen: 1.113 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.013 min
Lab File: VN068943.D
Acq: 15 Oct 2021 12:22

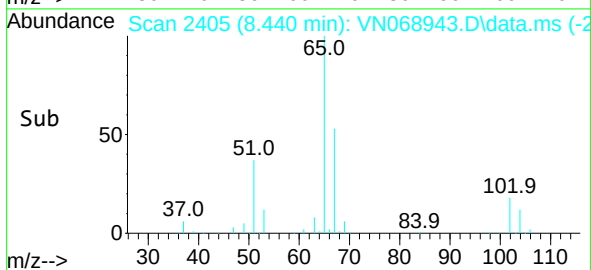
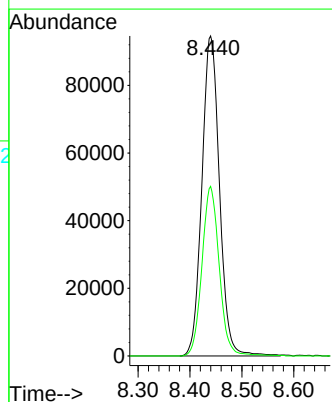
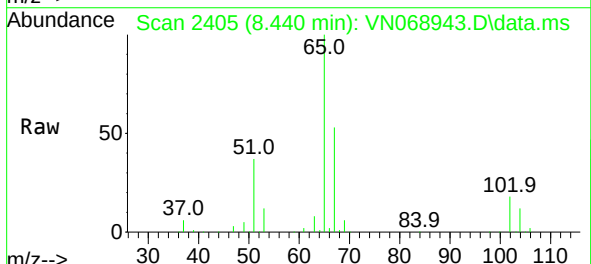
Instrument :
MSVOA_N
ClientSampled :

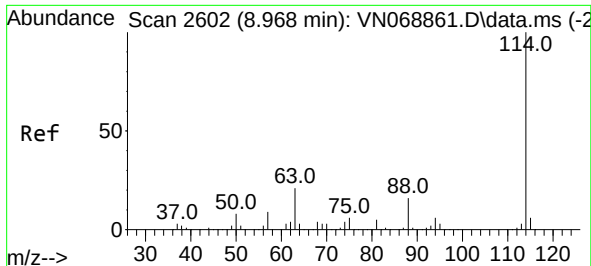
Tgt Ion: 56 Resp: 7790
Ion Ratio Lower Upper
56 100
69 159.3 26.9 40.3#
84 127.6 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 49.520 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068943.D
Acq: 15 Oct 2021 12:22

Tgt Ion: 65 Resp: 223006
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.8

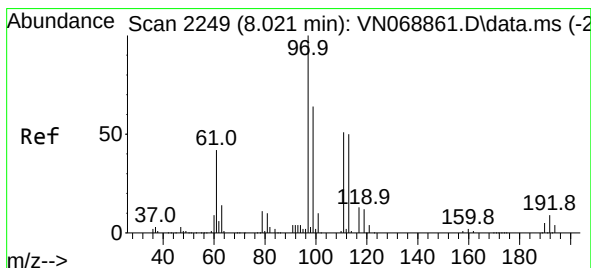
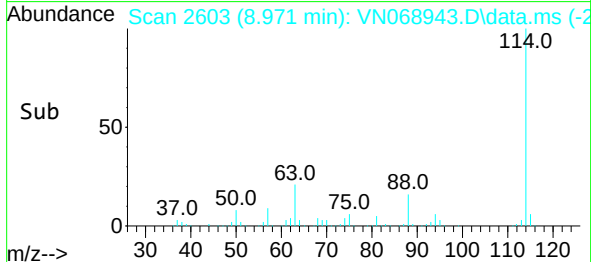
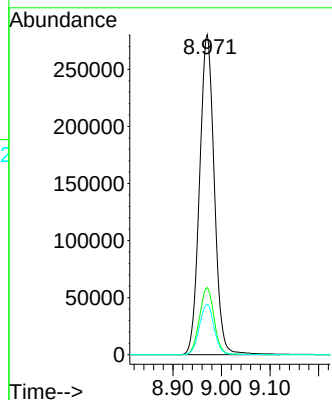
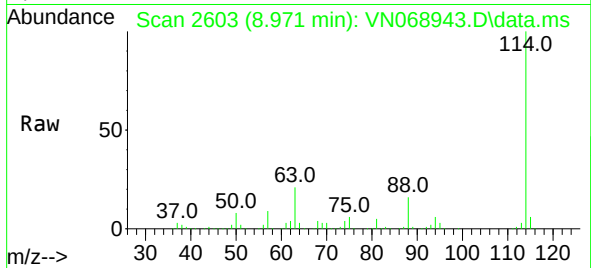




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068943.D
Acq: 15 Oct 2021 12:22

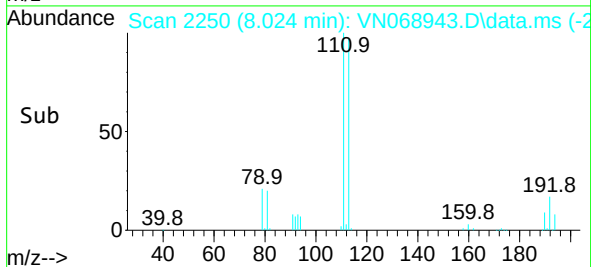
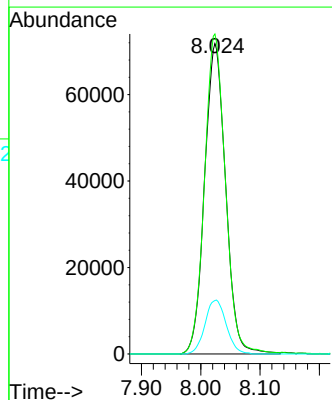
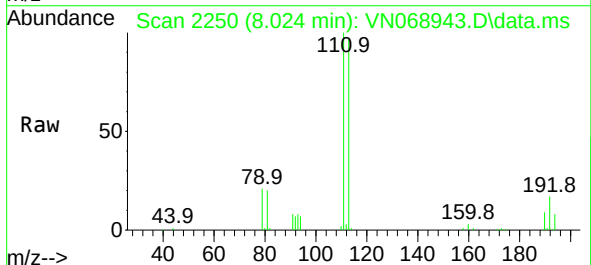
Instrument :
MSVOA_N
ClientSampled :

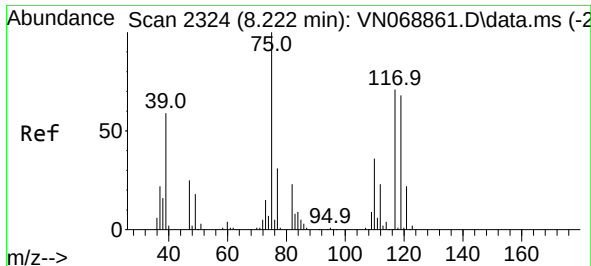
Tgt Ion:114 Resp: 591211
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.6
88 15.7 0.0 32.0



#35
Dibromofluoromethane
Concen: 51.489 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068943.D
Acq: 15 Oct 2021 12:22

Tgt Ion:113 Resp: 177108
Ion Ratio Lower Upper
113 100
111 102.0 83.2 124.8
192 17.5 15.0 22.4

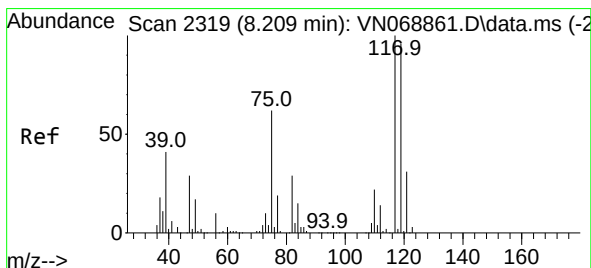
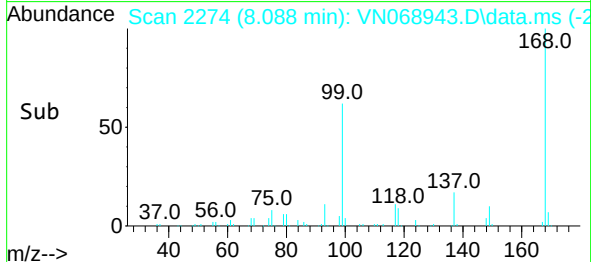
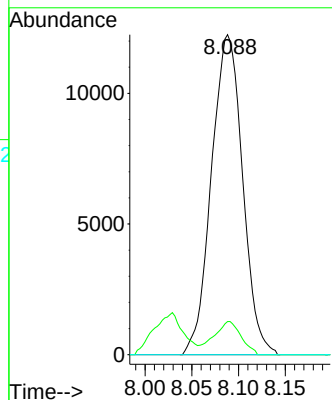
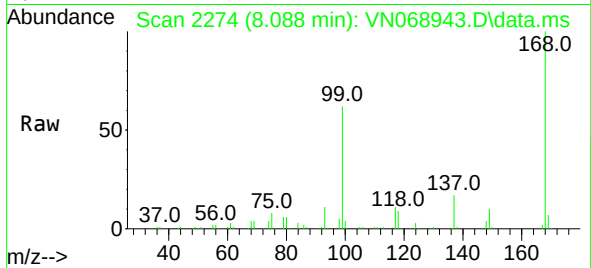




#36
1,1-Dichloropropene
Concen: 5.621 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN068943.D
Acq: 15 Oct 2021 12:22

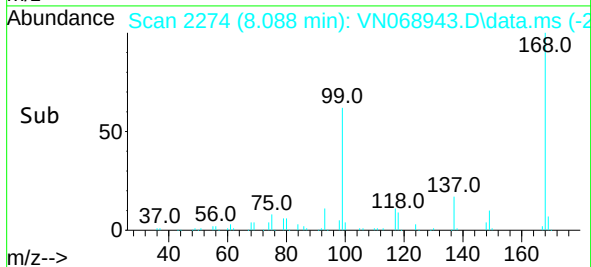
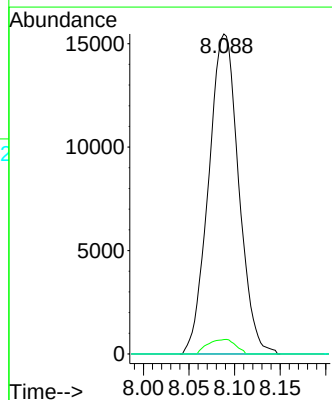
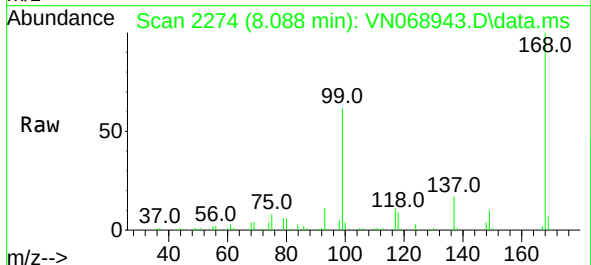
Instrument :
MSVOA_N
ClientSampled :

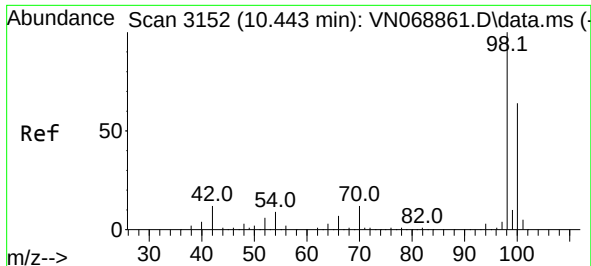
Tgt Ion: 75 Resp: 28383
Ion Ratio Lower Upper
75 100
110 9.1 17.9 53.8#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.390 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN068943.D
Acq: 15 Oct 2021 12:22

Tgt Ion: 117 Resp: 35441
Ion Ratio Lower Upper
117 100
119 4.5 76.9 115.3#
121 0.0 24.6 37.0#

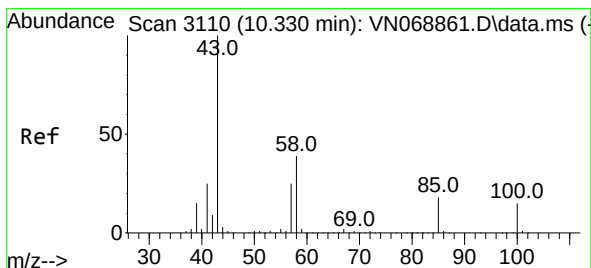
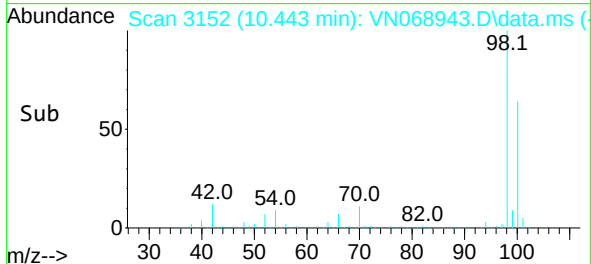
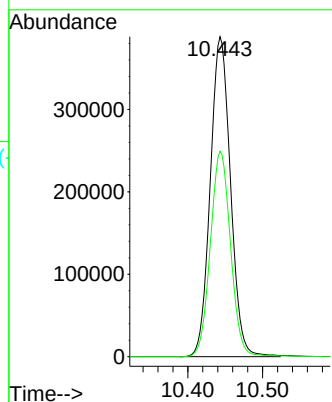
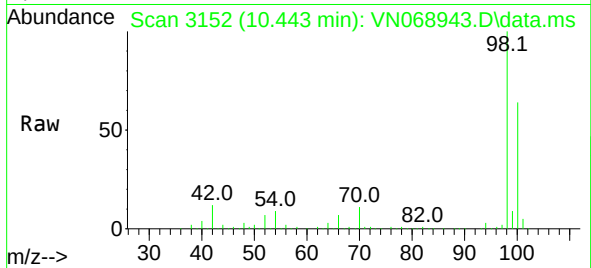




#50
Toluene-d8
Concen: 53.010 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068943.D
Acq: 15 Oct 2021 12:22

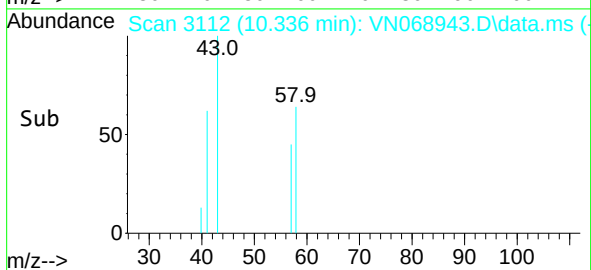
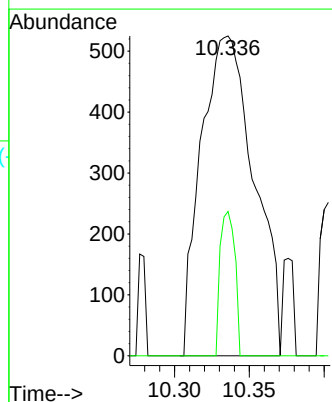
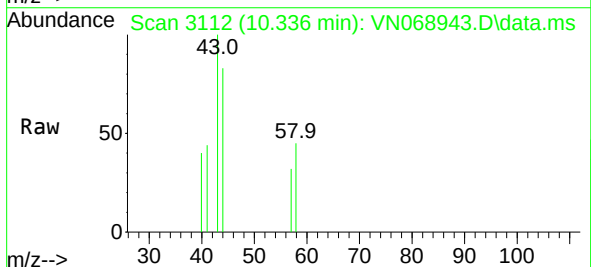
Instrument :
MSVOA_N
ClientSampled :

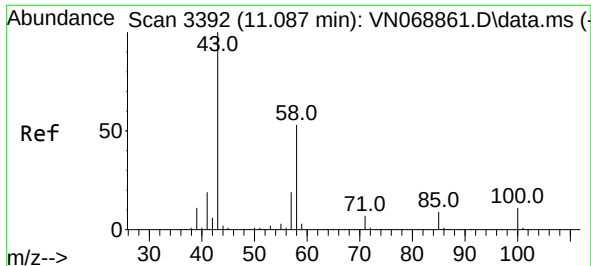
Tgt Ion: 98 Resp: 729566
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.243 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.005 min
Lab File: VN068943.D
Acq: 15 Oct 2021 12:22

Tgt Ion: 43 Resp: 1296
Ion Ratio Lower Upper
43 100
58 0.0 31.0 46.4#

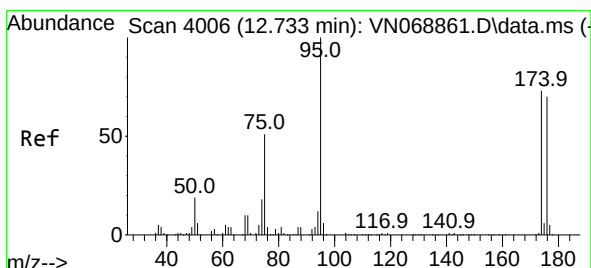
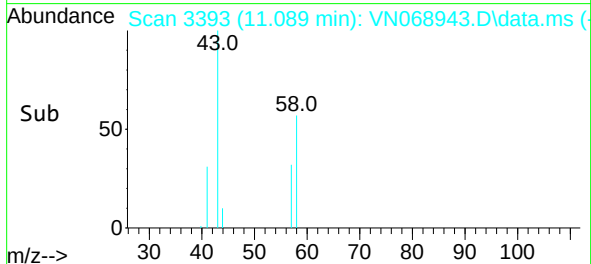
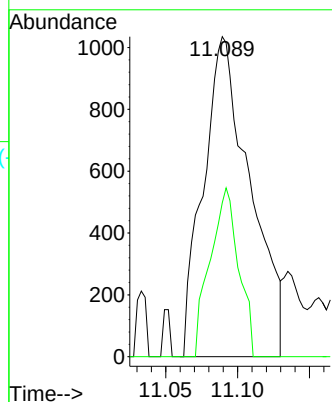
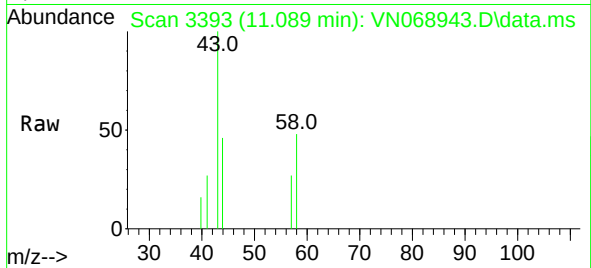




#59
2-Hexanone
Concen: 0.613 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.003 min
Lab File: VN068943.D
Acq: 15 Oct 2021 12:22

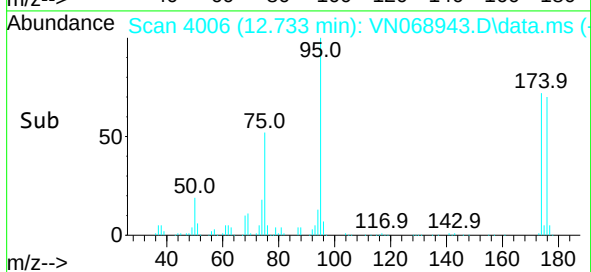
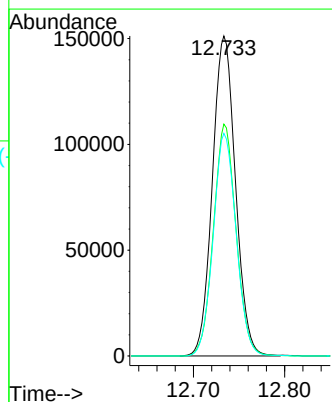
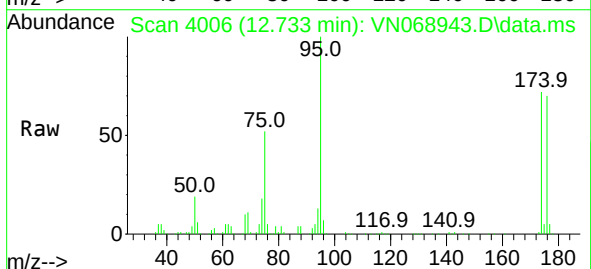
Instrument :
MSVOA_N
ClientSampled :

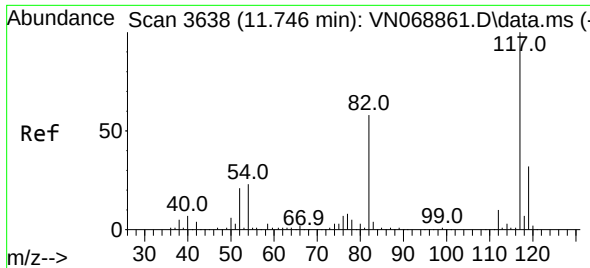
Tgt Ion: 43 Resp: 2346
Ion Ratio Lower Upper
43 100
58 32.0 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 51.252 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068943.D
Acq: 15 Oct 2021 12:22

Tgt Ion: 95 Resp: 266132
Ion Ratio Lower Upper
95 100
174 71.2 0.0 144.8
176 69.2 0.0 140.0

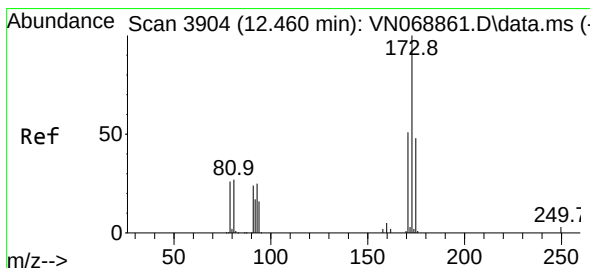
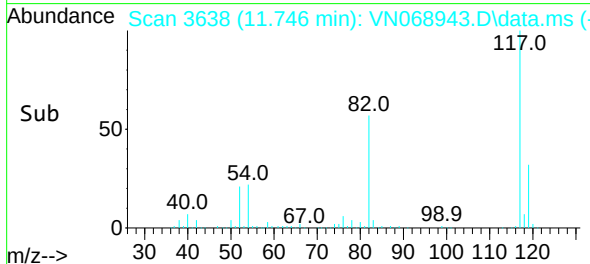
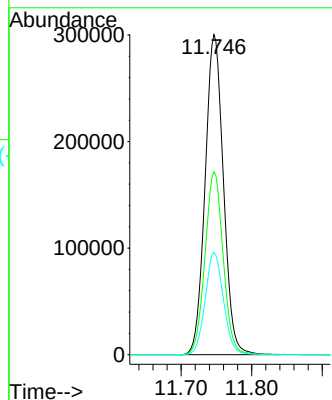
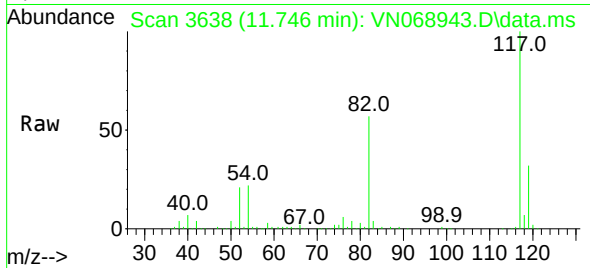




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068943.D
Acq: 15 Oct 2021 12:22

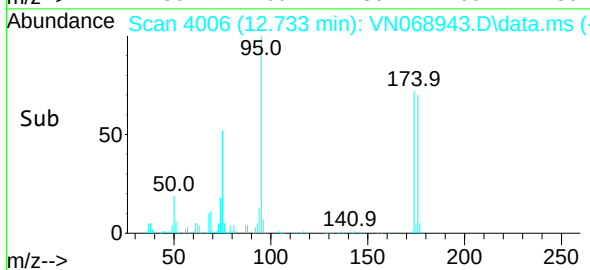
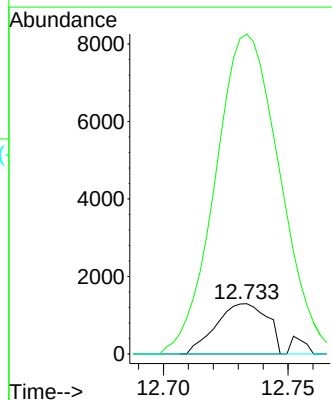
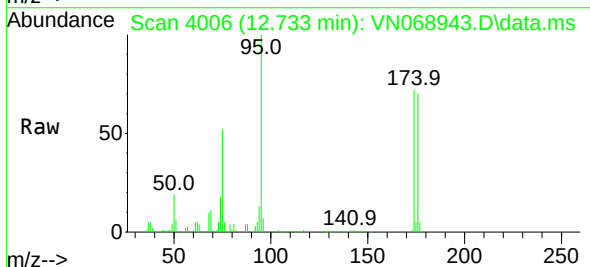
Instrument :
MSVOA_N
ClientSampled :

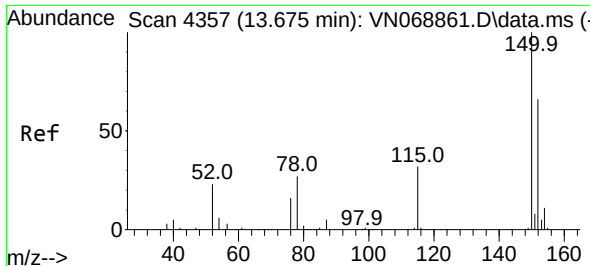
Tgt Ion:117 Resp: 542067
Ion Ratio Lower Upper
117 100
82 57.2 46.4 69.6
119 32.0 26.0 39.0



#71
Bromoform
Concen: 0.579 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.274 min
Lab File: VN068943.D
Acq: 15 Oct 2021 12:22

Tgt Ion:173 Resp: 1863
Ion Ratio Lower Upper
173 100
175 733.3 23.8 71.5#
254 0.0 0.0 0.0

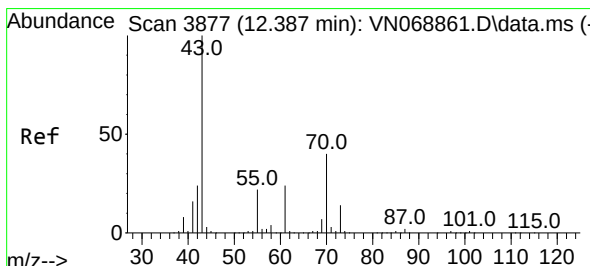
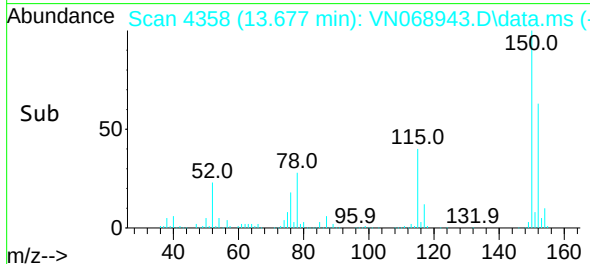
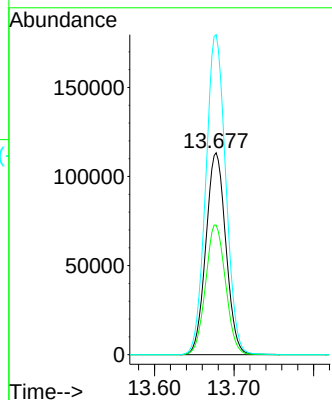
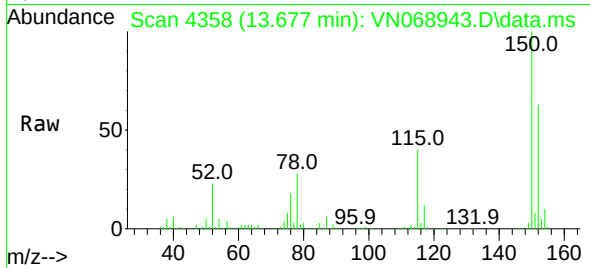




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.677 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN068943.D
 Acq: 15 Oct 2021 12:22

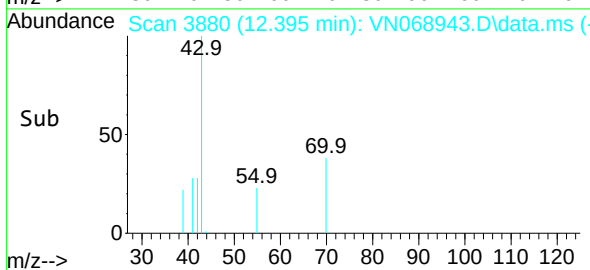
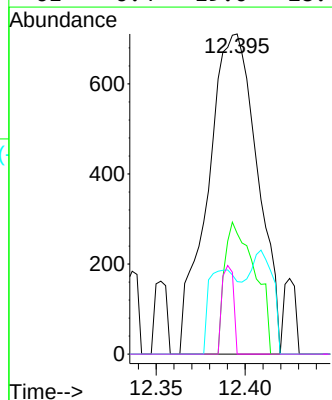
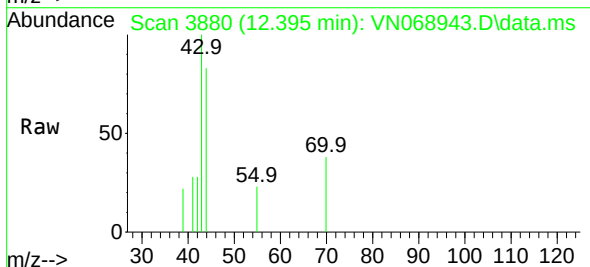
Instrument :
 MSVOA_N
 ClientSampleId :

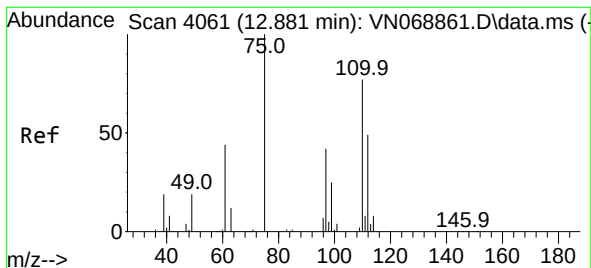
Tgt Ion:152 Resp: 197541
 Ion Ratio Lower Upper
 152 100
 115 64.3 31.4 94.3
 150 158.9 0.0 351.0



#74
 N-ethyl acetate
 Concen: 0.222 ug/l
 RT: 12.395 min Scan# 3880
 Delta R.T. 0.008 min
 Lab File: VN068943.D
 Acq: 15 Oct 2021 12:22

Tgt Ion: 43 Resp: 1380
 Ion Ratio Lower Upper
 43 100
 70 25.1 32.2 48.2#
 55 16.3 18.0 27.0#
 61 6.4 19.0 28.4#

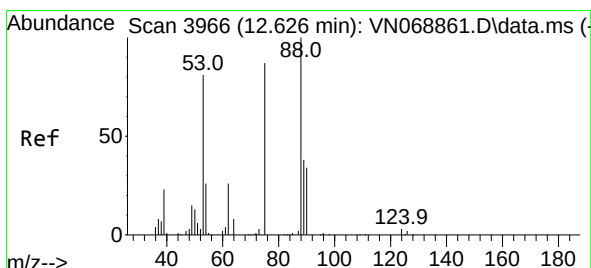
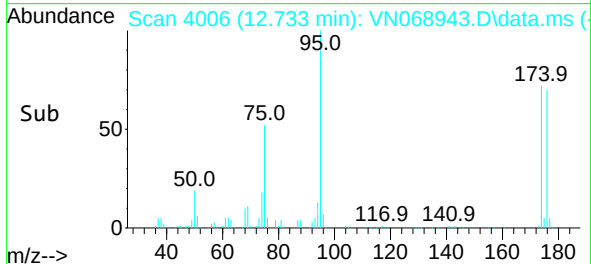
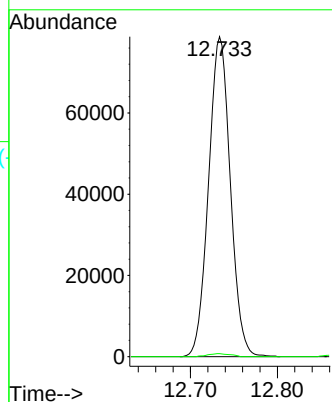
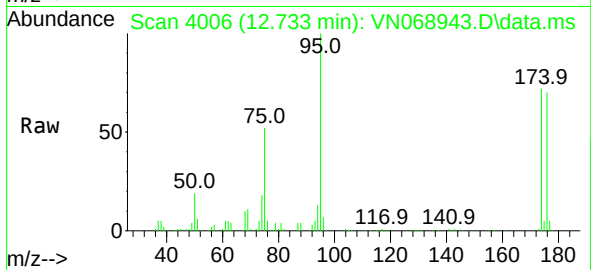




#76
1,2,3-Trichloropropane
Concen: 32.578 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN068943.D
Acq: 15 Oct 2021 12:22

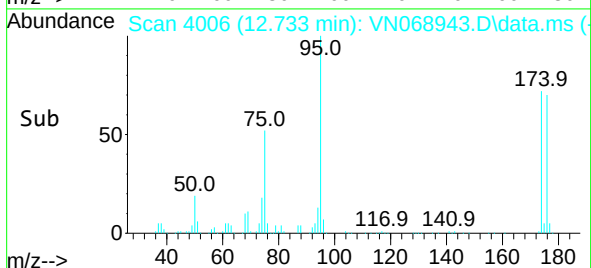
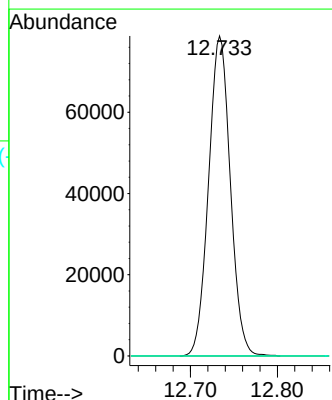
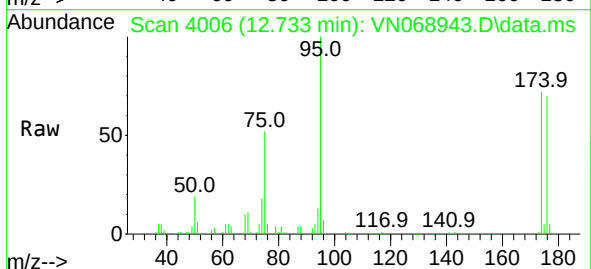
Instrument :
MSVOA_N
ClientSampled :

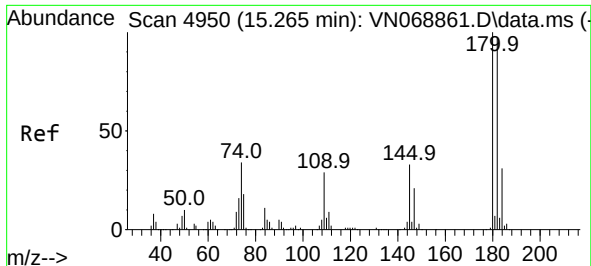
Tgt Ion: 75 Resp: 136930
Ion Ratio Lower Upper
75 100
77 1.0 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.942 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN068943.D
Acq: 15 Oct 2021 12:22

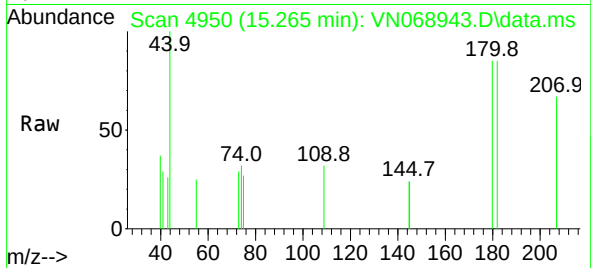
Tgt Ion: 75 Resp: 136930
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



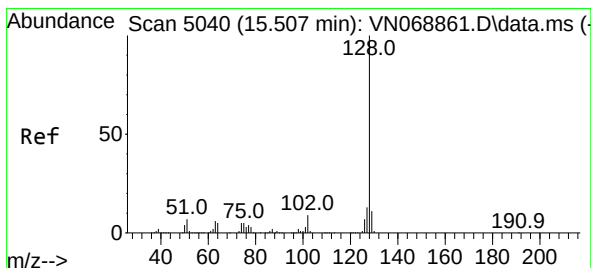
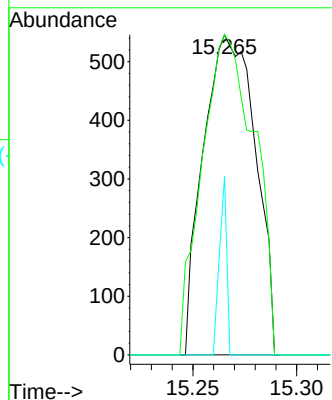
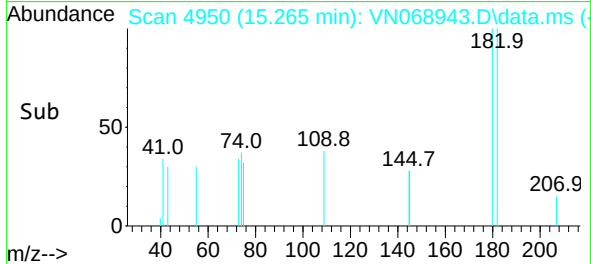


#93
1,2,4-Trichlorobenzene
Concen: 2.874 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN068943.D
Acq: 15 Oct 2021 12:22

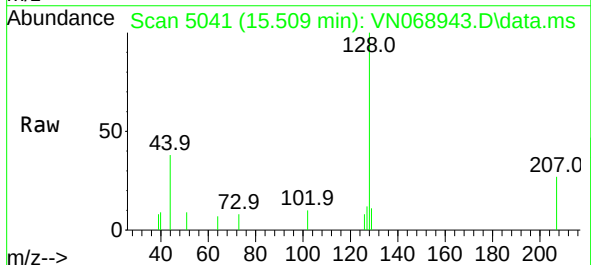
Instrument :
MSVOA_N
ClientSampled :



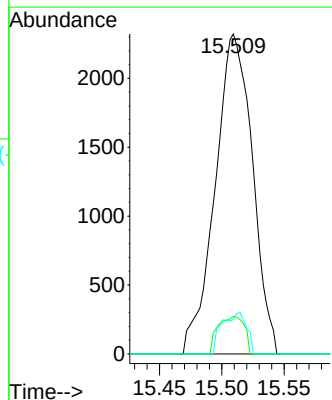
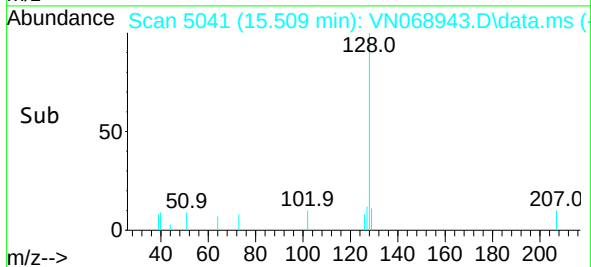
Tgt Ion:180 Resp: 953
Ion Ratio Lower Upper
180 100
182 100.8 47.9 143.7
145 7.8 16.4 49.2#

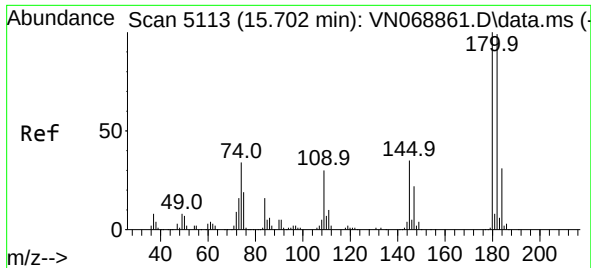


#95
Naphthalene
Concen: 4.299 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068943.D
Acq: 15 Oct 2021 12:22



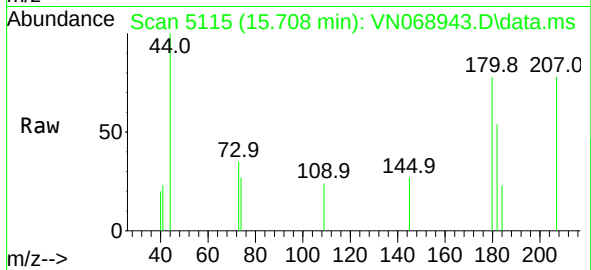
Tgt Ion:128 Resp: 4832
Ion Ratio Lower Upper
128 100
127 8.3 10.5 15.7#
129 8.5 8.9 13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.855 ug/l
 RT: 15.708 min Scan# 5115
 Delta R.T. 0.006 min
 Lab File: VN068943.D
 Acq: 15 Oct 2021 12:22

Instrument :
 MSVOA_N
 ClientSampled :



Tgt Ion:	180	Resp:	1135
Ion	Ratio	Lower	Upper
180	100		
182	81.5	48.1	144.3
145	25.3	17.4	52.2

