

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101821\
 Data File : VN068995.D
 Acq On : 18 Oct 2021 22:42
 Operator : JC/MD
 Sample : VN1018WBL02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 19 09:57:37 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)

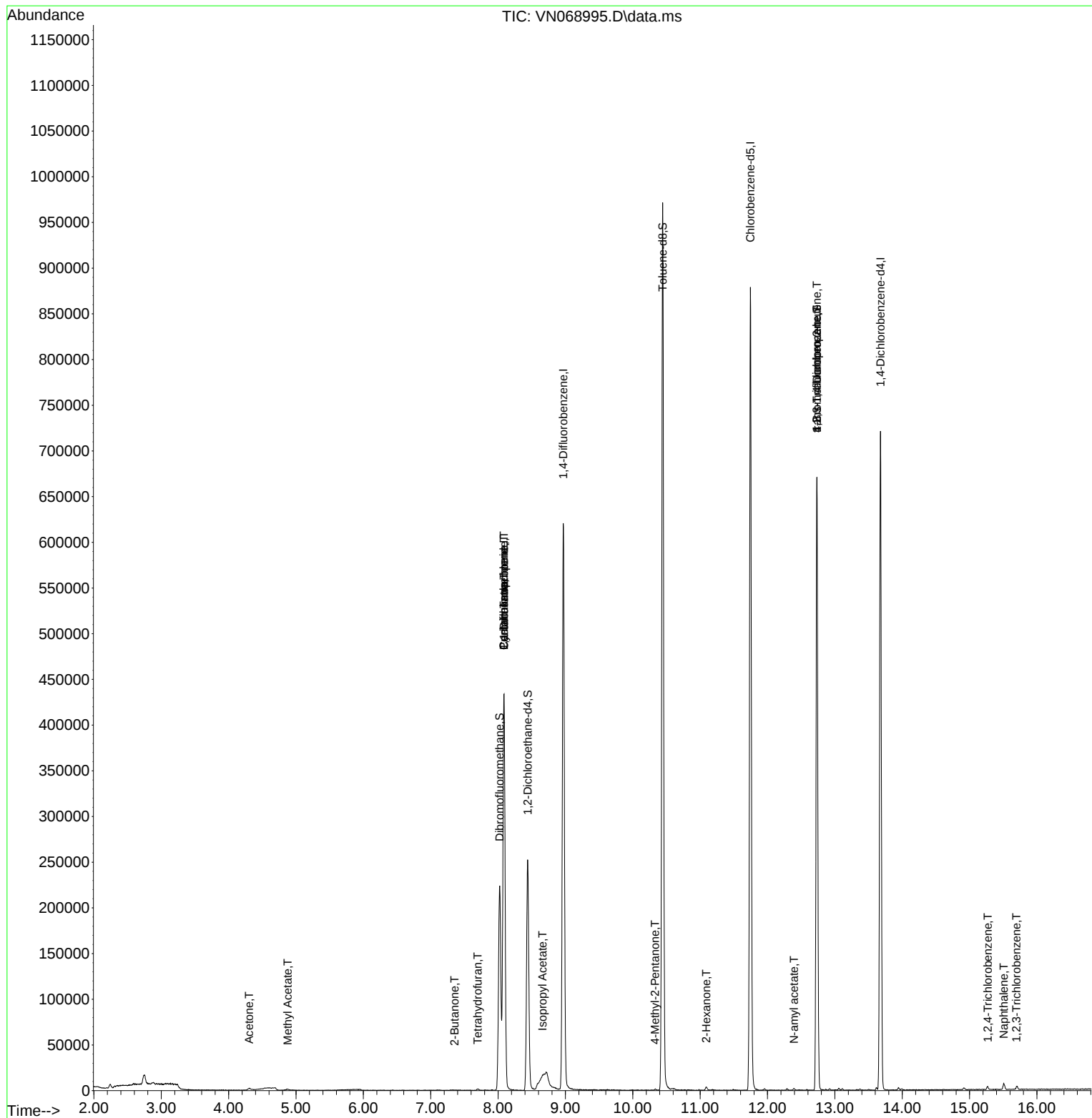
Internal Standards						
1) Pentafluorobenzene	8.088	168	328305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	567741	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	524664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	191760	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	211733	48.915	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.840%		
35) Dibromofluoromethane	8.024	113	168885	51.128	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.260%		
50) Toluene-d8	10.443	98	698734	52.868	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.740%		
62) 4-Bromofluorobenzene	12.734	95	245667	49.267	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.540%		
Target Compounds					Qvalue	
16) Acetone	4.301	43	1746	1.081	ug/l	95
18) Methyl Acetate	4.878	43	3181	0.519	ug/l #	64
25) 2-Butanone	7.354	43	610	0.250	ug/l #	48
29) Tetrahydrofuran	7.697	42	975	0.615	ug/l #	50
31) Cyclohexane	8.088	56	7715	1.146	ug/l #	9
36) 1,1-Dichloropropene	8.088	75	26791	5.525	ug/l #	49
38) Carbon Tetrachloride	8.088	117	34022	6.388	ug/l #	15
43) Isopropyl Acetate	8.660	43	22618	2.559	ug/l #	55
51) 4-Methyl-2-Pentanone	10.331	43	1342	0.262	ug/l #	36
59) 2-Hexanone	11.090	43	2675	0.728	ug/l	70
74) N-amyl acetate	12.393	43	1597	0.264	ug/l #	79
76) 1,2,3-Trichloropropane	12.734	75	127617	31.278	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.734	75	127617	74.830	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.271	180	1413	3.017	ug/l	88
95) Naphthalene	15.507	128	7152	4.554	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.697	180	1636	3.021	ug/l #	86

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

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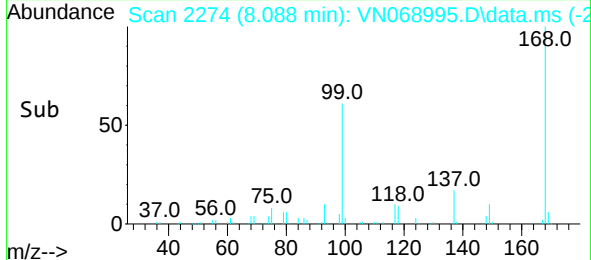
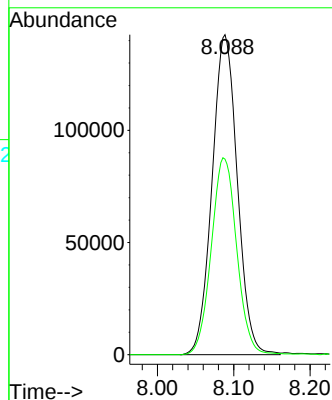
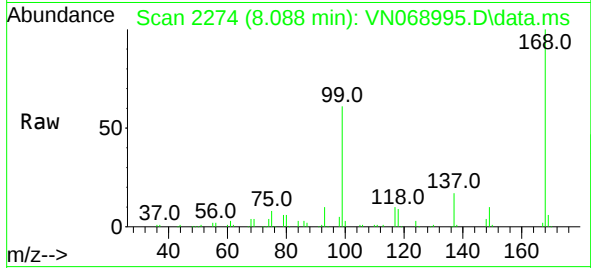




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068995.D
Acq: 18 Oct 2021 22:42

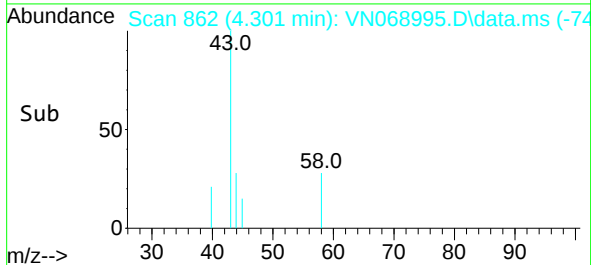
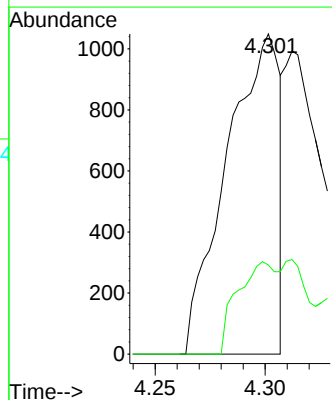
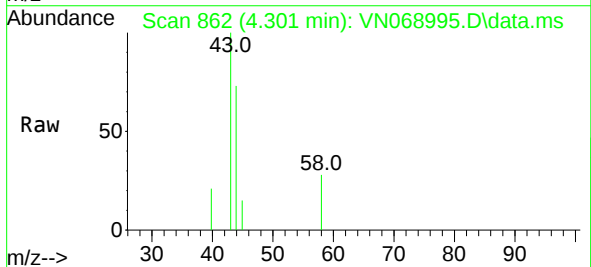
Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:168 Resp: 328305
Ion Ratio Lower Upper
168 100
99 61.1 48.9 73.3



#16
Acetone
Concen: 1.081 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.016 min
Lab File: VN068995.D
Acq: 18 Oct 2021 22:42

Tgt Ion: 43 Resp: 1746
Ion Ratio Lower Upper
43 100
58 27.8 24.5 36.7

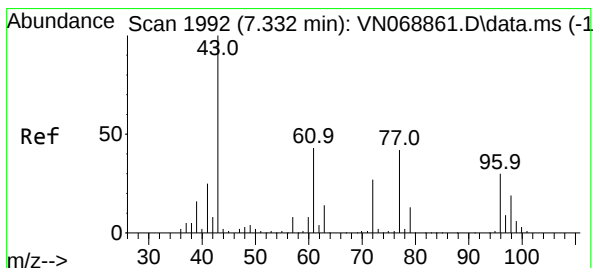
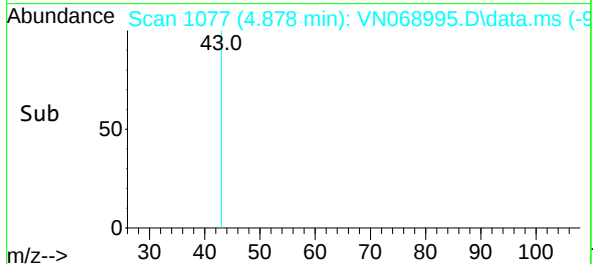
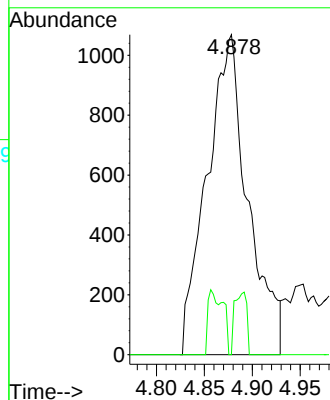
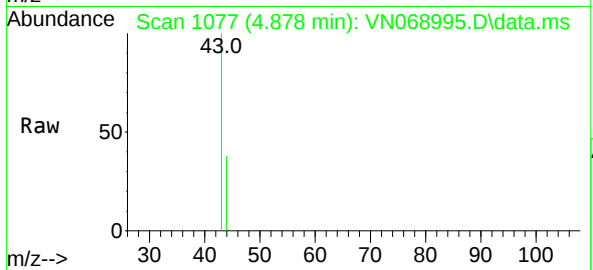




#18
Methyl Acetate
Concen: 0.519 ug/l
RT: 4.878 min Scan# 1077
Delta R.T. 0.024 min
Lab File: VN068995.D
Acq: 18 Oct 2021 22:42

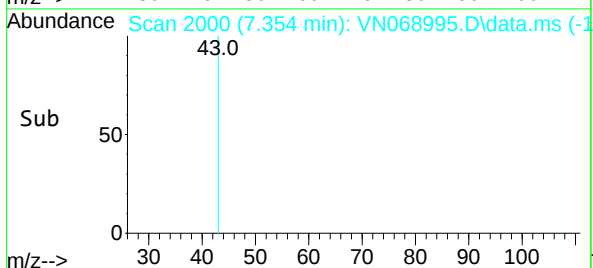
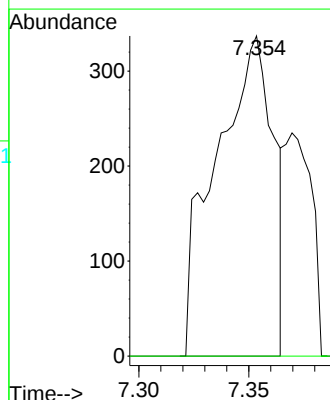
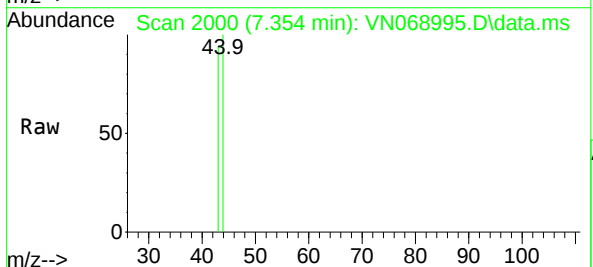
Instrument :
MSVOA_N
ClientSampled :

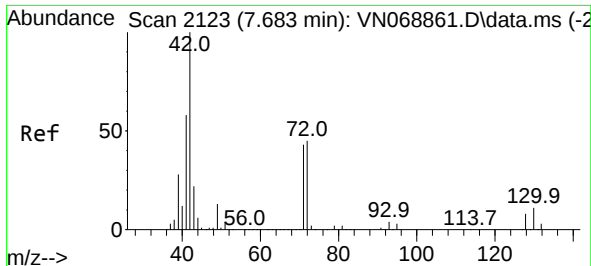
Tgt Ion: 43 Resp: 3181
Ion Ratio Lower Upper
43 100
74 5.8 18.9 28.3#



#25
2-Butanone
Concen: 0.250 ug/l
RT: 7.354 min Scan# 2000
Delta R.T. 0.022 min
Lab File: VN068995.D
Acq: 18 Oct 2021 22:42

Tgt Ion: 43 Resp: 610
Ion Ratio Lower Upper
43 100
72 0.0 21.2 31.8#





#29

Tetrahydrofuran

Concen: 0.615 ug/l

RT: 7.697 min Scan# 2128

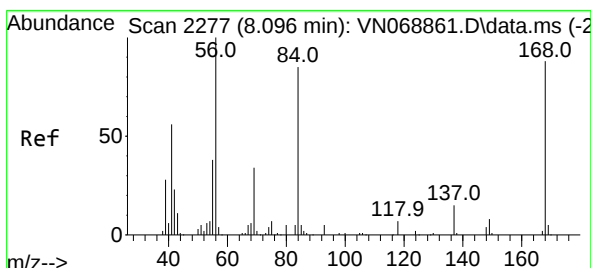
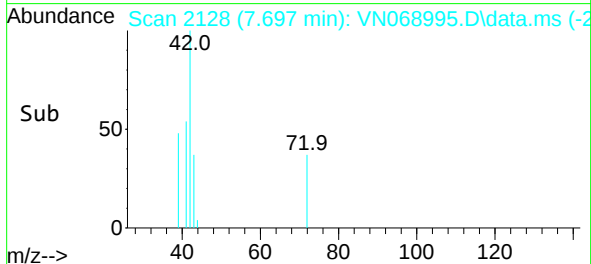
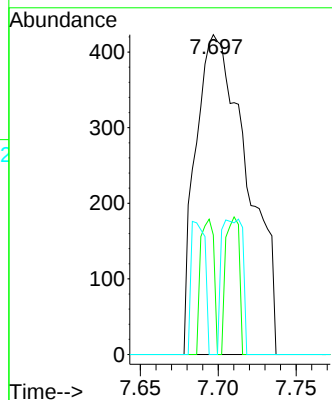
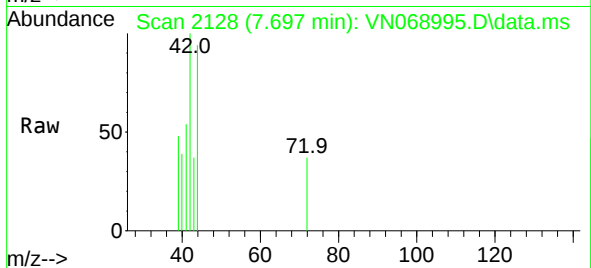
Delta R.T. 0.014 min

Lab File: VN068995.D

Acq: 18 Oct 2021 22:42

Tgt Ion:	42	Resp:	975
Ion	Ratio	Lower	Upper
42	100		
72	11.0	35.4	53.2#
71	11.1	33.8	50.6#

Instrument :
MSVOA_N
ClientSampled :



#31

Cyclohexane

Concen: 1.146 ug/l

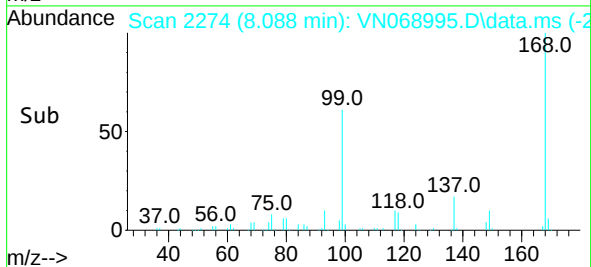
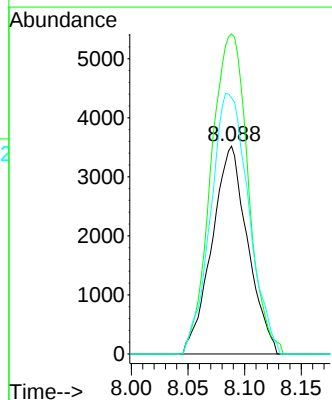
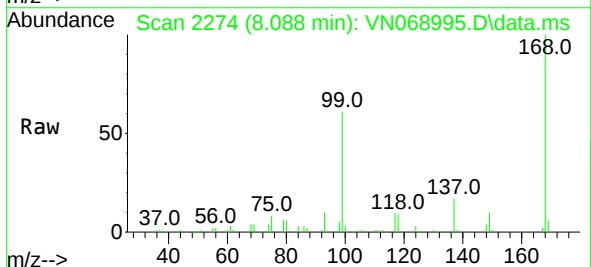
RT: 8.088 min Scan# 2274

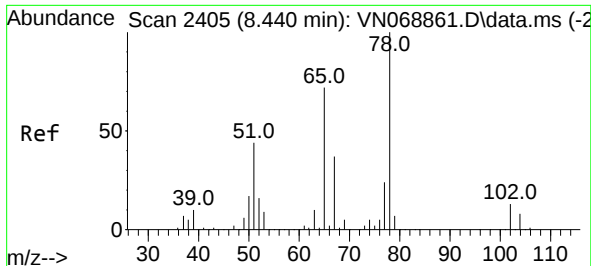
Delta R.T. -0.008 min

Lab File: VN068995.D

Acq: 18 Oct 2021 22:42

Tgt Ion:	56	Resp:	7715
Ion	Ratio	Lower	Upper
56	100		
69	154.0	26.9	40.3#
84	123.3	67.6	101.4#

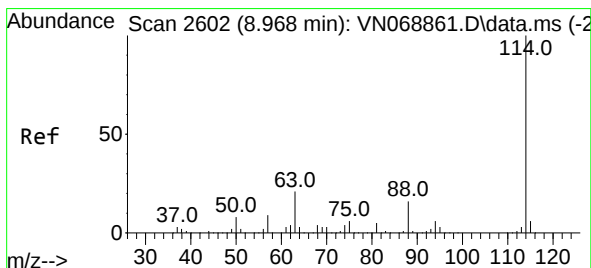
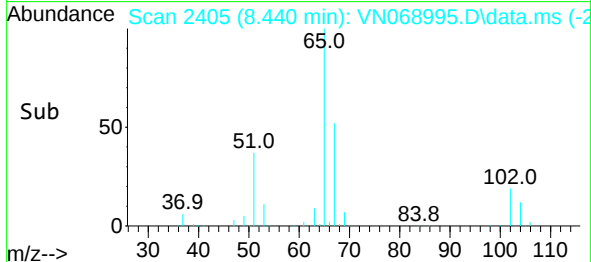
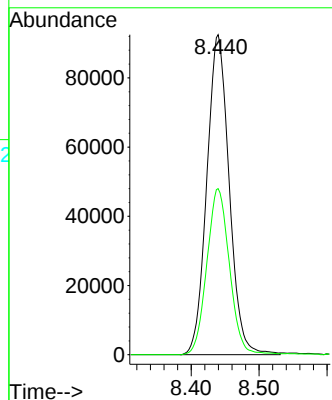
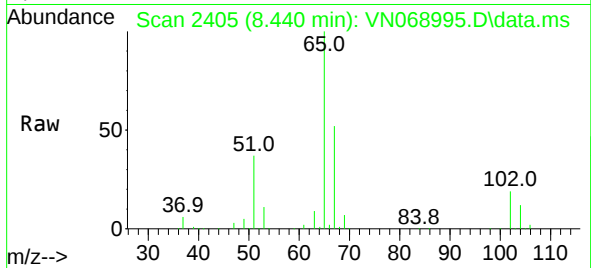




#33
 1,2-Dichloroethane-d4
 Concen: 48.915 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. 0.000 min
 Lab File: VN068995.D
 Acq: 18 Oct 2021 22:42

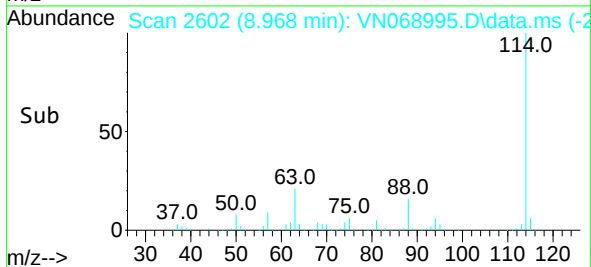
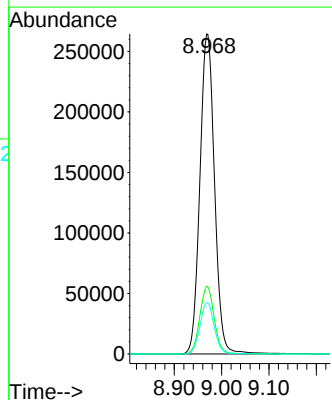
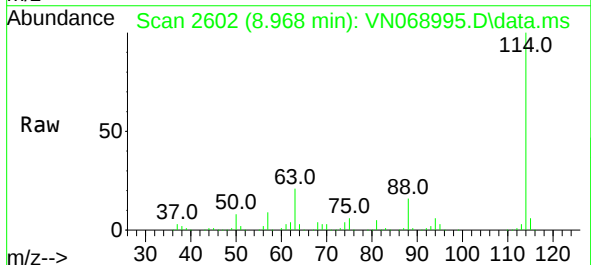
Instrument :
 MSVOA_N
 ClientSampled :

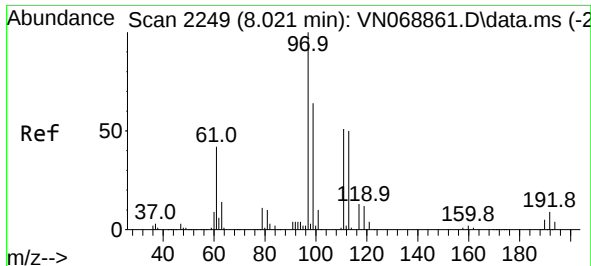
Tgt Ion: 65 Resp: 211733
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. 0.000 min
 Lab File: VN068995.D
 Acq: 18 Oct 2021 22:42

Tgt Ion: 114 Resp: 567741
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 42.6
 88 16.1 0.0 32.0

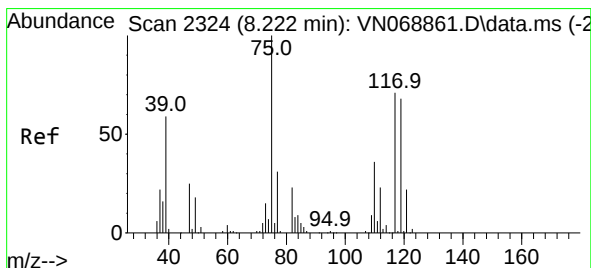
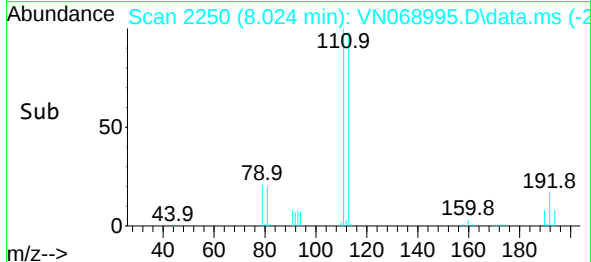
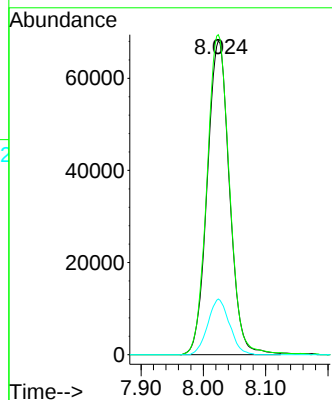
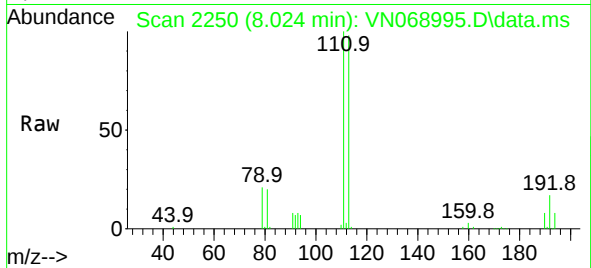




#35
Dibromofluoromethane
Concen: 51.128 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068995.D
Acq: 18 Oct 2021 22:42

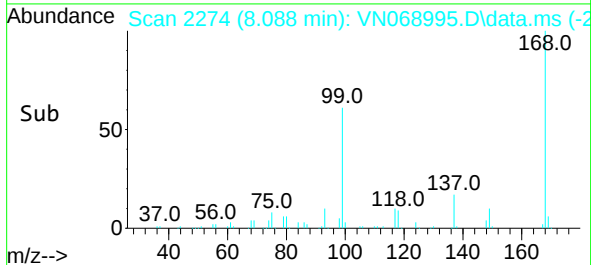
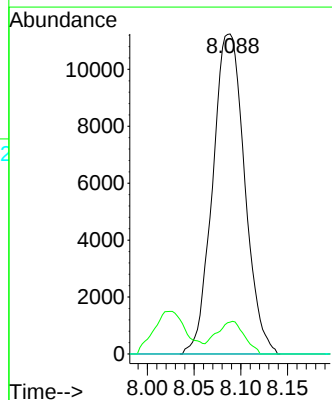
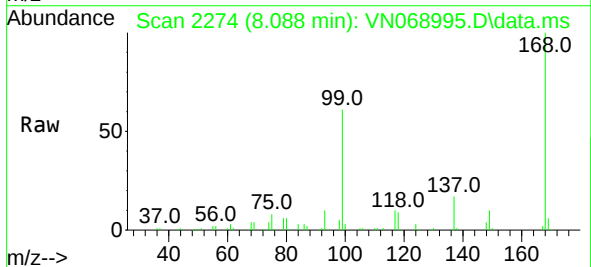
Instrument :
MSVOA_N
ClientSampled :

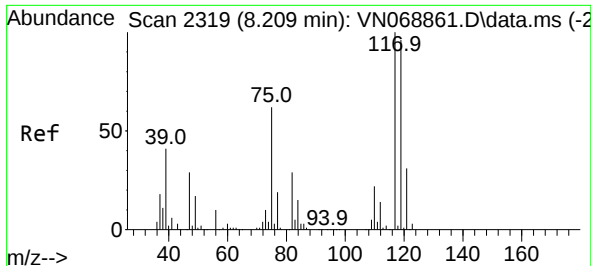
Tgt Ion:113 Resp: 168885
Ion Ratio Lower Upper
113 100
111 102.9 83.2 124.8
192 17.3 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.525 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN068995.D
Acq: 18 Oct 2021 22:42

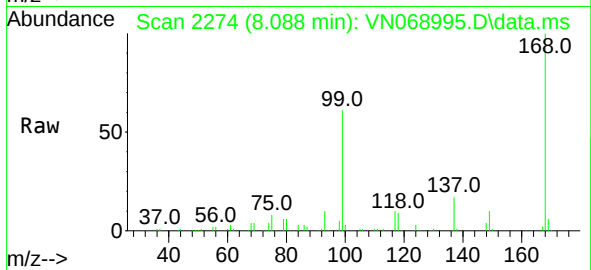
Tgt Ion: 75 Resp: 26791
Ion Ratio Lower Upper
75 100
110 9.0 17.9 53.8#
77 0.0 24.7 37.1#



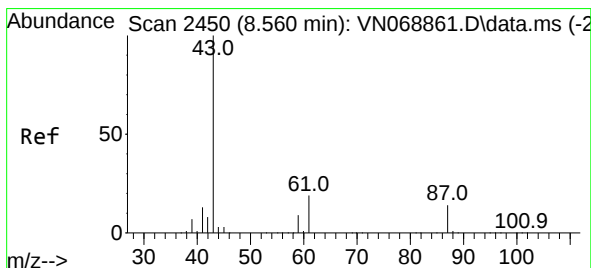
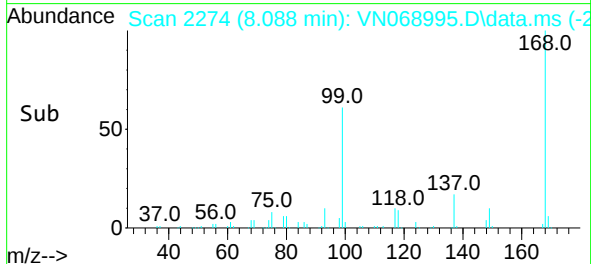
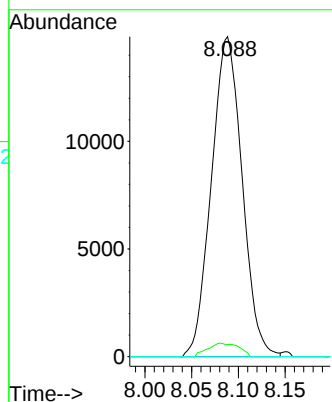


#38
Carbon Tetrachloride
Concen: 6.388 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN068995.D
Acq: 18 Oct 2021 22:42

Instrument :
MSVOA_N
ClientSampled :

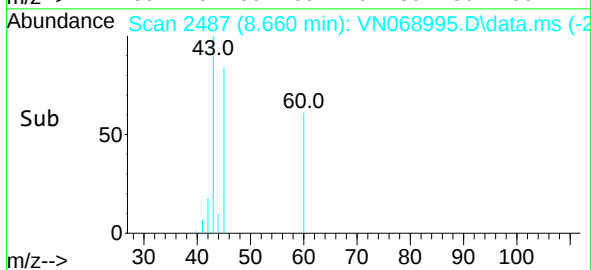
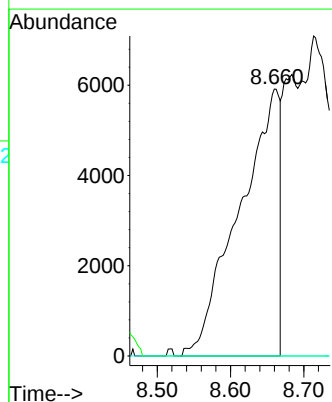
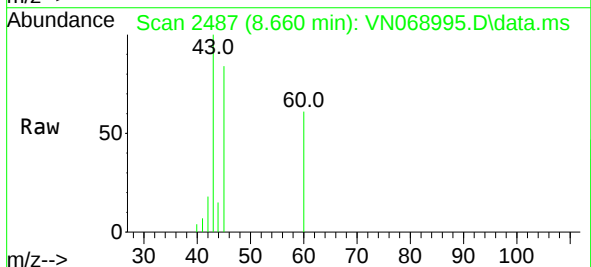


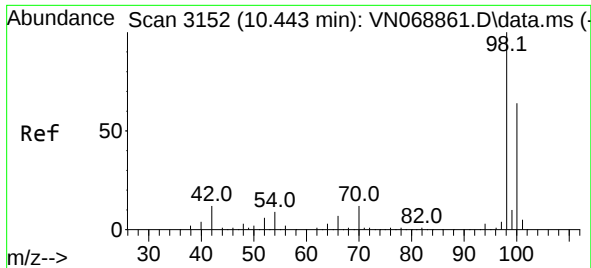
Tgt Ion:117 Resp: 34022
Ion Ratio Lower Upper
117 100
119 3.7 76.9 115.3#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 2.559 ug/l
RT: 8.660 min Scan# 2487
Delta R.T. 0.099 min
Lab File: VN068995.D
Acq: 18 Oct 2021 22:42

Tgt Ion: 43 Resp: 22618
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#

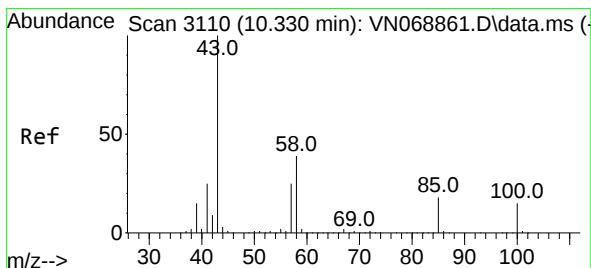
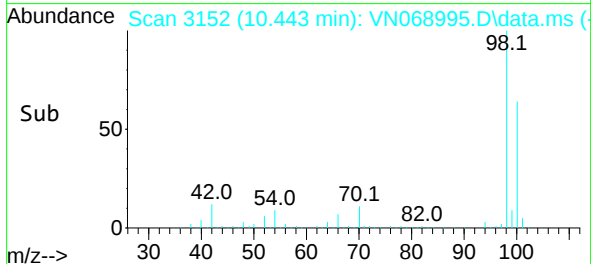
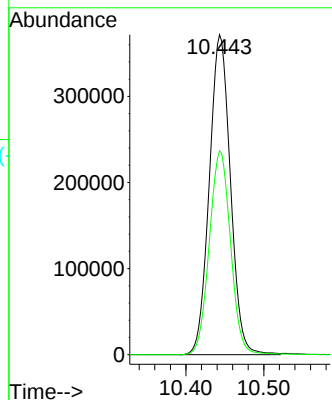
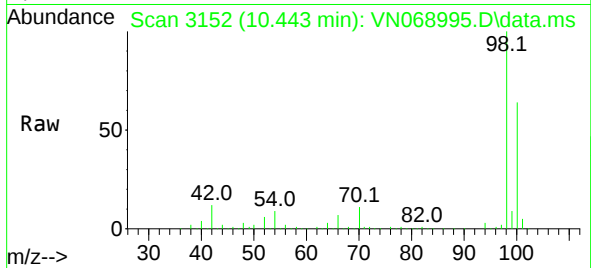




#50
Toluene-d8
Concen: 52.868 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068995.D
Acq: 18 Oct 2021 22:42

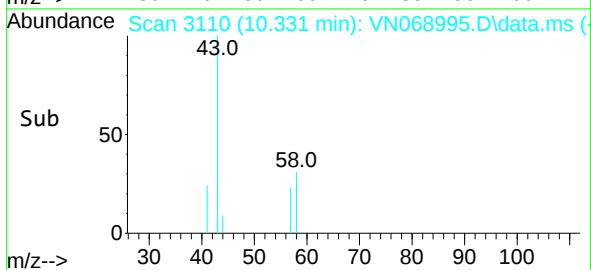
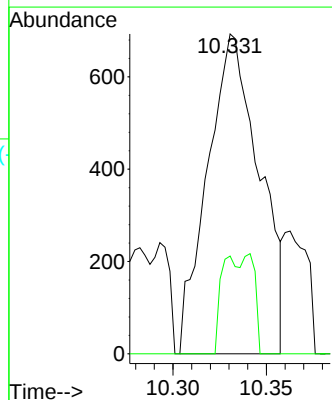
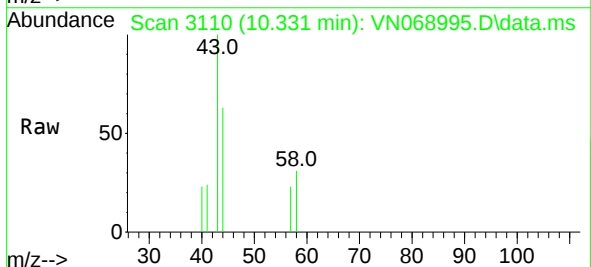
Instrument :
MSVOA_N
ClientSampled :

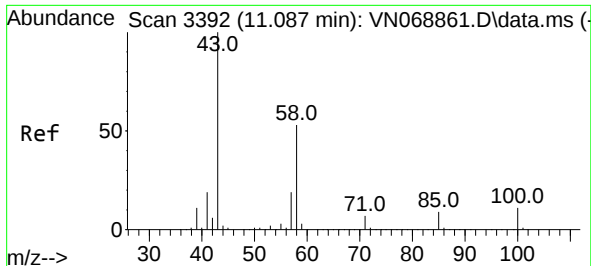
Tgt Ion: 98 Resp: 698734
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.262 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN068995.D
Acq: 18 Oct 2021 22:42

Tgt Ion: 43 Resp: 1342
Ion Ratio Lower Upper
43 100
58 0.0 31.0 46.4#

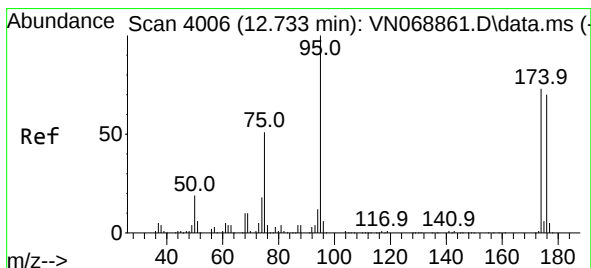
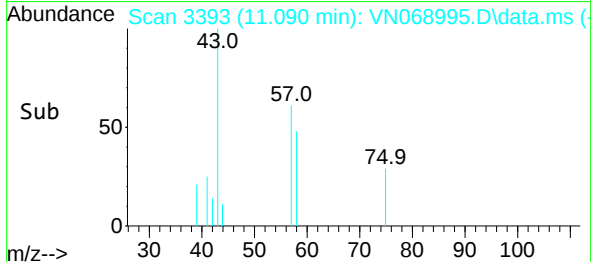
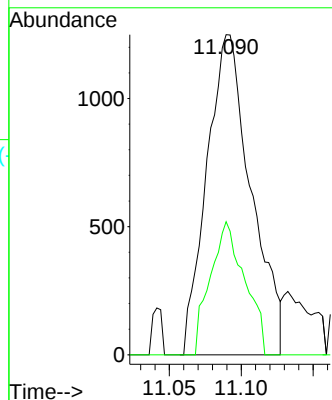
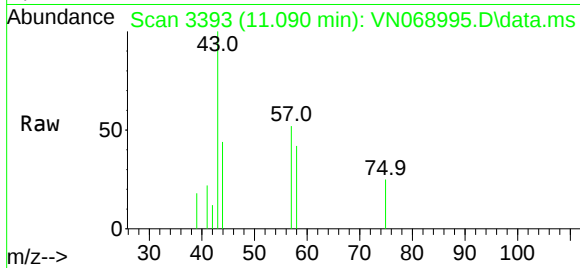




#59
2-Hexanone
Concen: 0.728 ug/l
RT: 11.090 min Scan# 3393
Delta R.T. 0.003 min
Lab File: VN068995.D
Acq: 18 Oct 2021 22:42

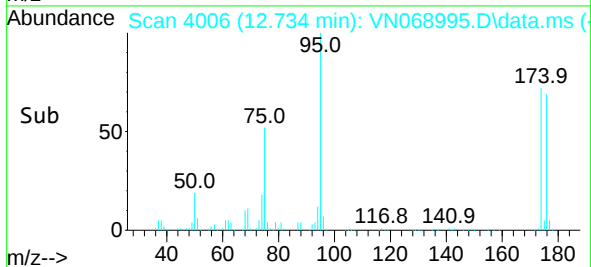
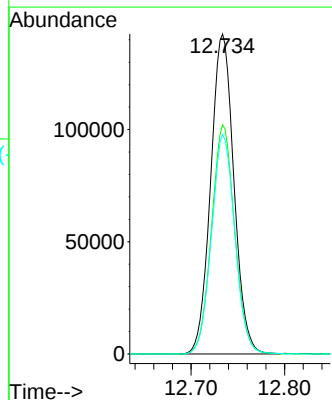
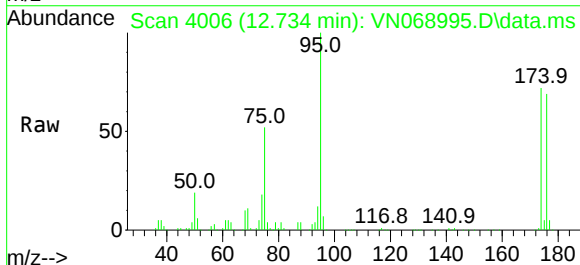
Instrument :
MSVOA_N
ClientSampled :

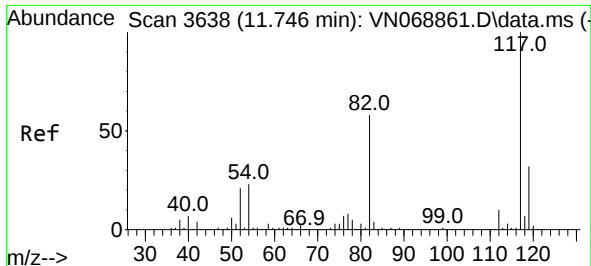
Tgt Ion: 43 Resp: 2675
Ion Ratio Lower Upper
43 100
58 32.4 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 49.267 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068995.D
Acq: 18 Oct 2021 22:42

Tgt Ion: 95 Resp: 245667
Ion Ratio Lower Upper
95 100
174 71.7 0.0 144.8
176 68.9 0.0 140.0

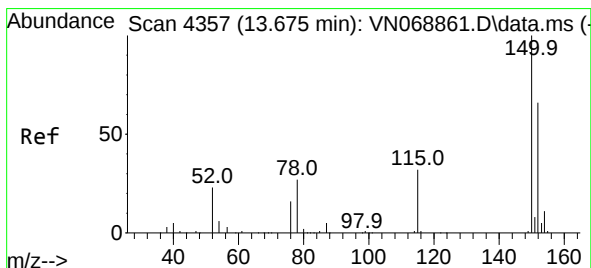
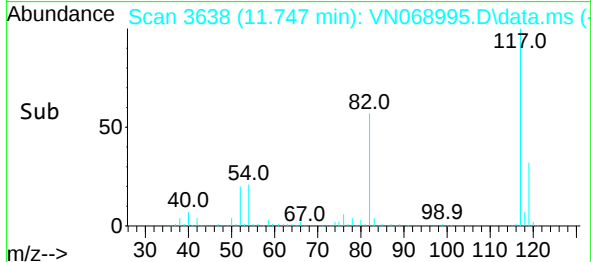
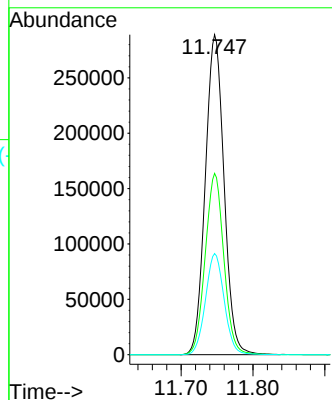
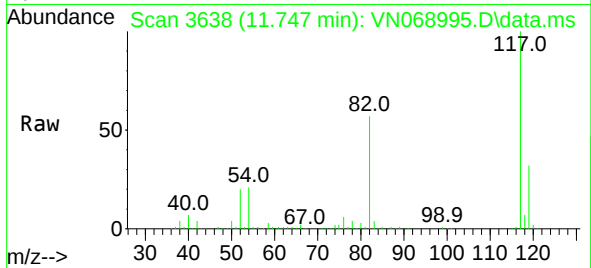




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068995.D
Acq: 18 Oct 2021 22:42

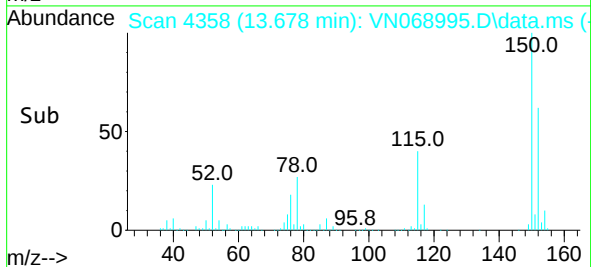
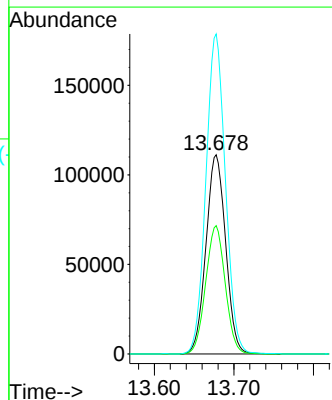
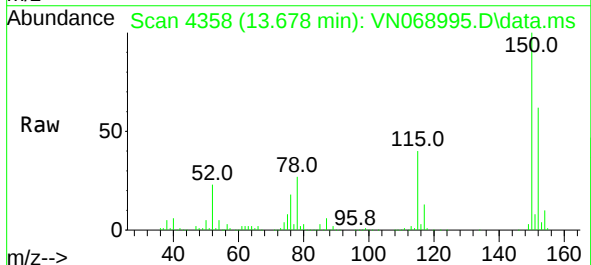
Instrument :
MSVOA_N
ClientSampled :

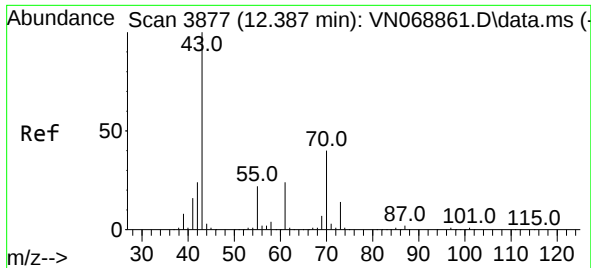
Tgt Ion:117 Resp: 524664
Ion Ratio Lower Upper
117 100
82 56.6 46.4 69.6
119 31.6 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068995.D
Acq: 18 Oct 2021 22:42

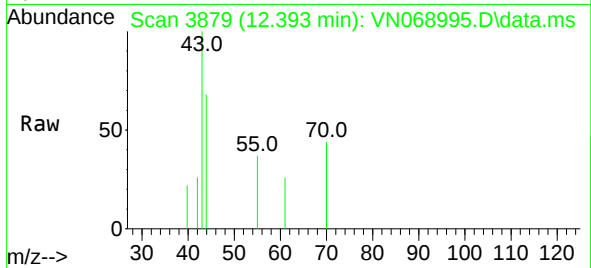
Tgt Ion:152 Resp: 191760
Ion Ratio Lower Upper
152 100
115 64.0 31.4 94.3
150 159.1 0.0 351.0



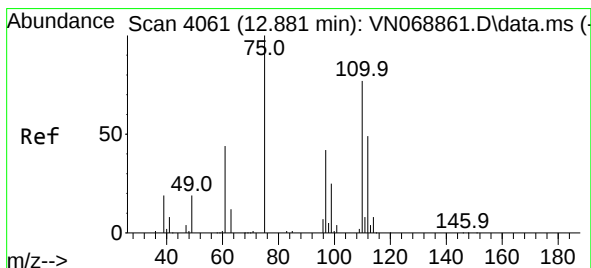
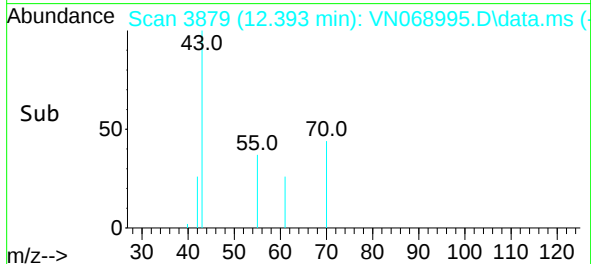
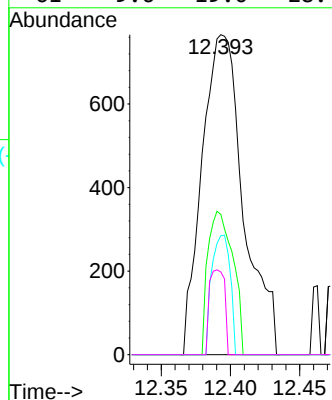


#74
N-amy1 acetate
Concen: 0.264 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.005 min
Lab File: VN068995.D
Acq: 18 Oct 2021 22:42

Instrument :
MSVOA_N
ClientSampled :

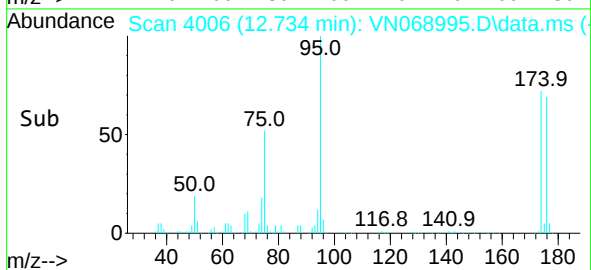
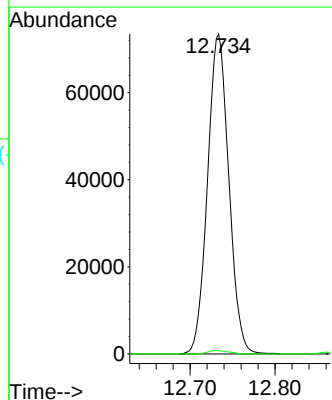
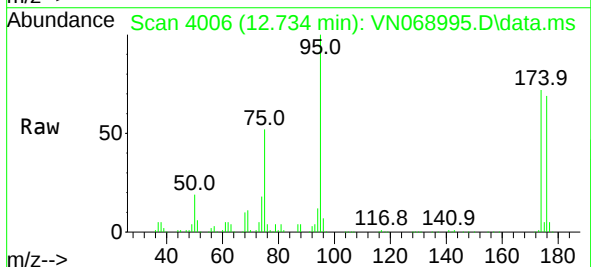


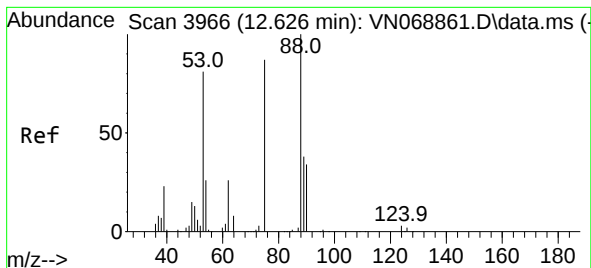
Tgt Ion:	43	Resp:	1597
Ion Ratio	100	Lower	Upper
70	26.9	32.2	48.2#
55	16.5	18.0	27.0#
61	9.6	19.0	28.4#



#76
1,2,3-Trichloropropane
Concen: 31.278 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN068995.D
Acq: 18 Oct 2021 22:42

Tgt Ion:	75	Resp:	127617
Ion Ratio	100	Lower	Upper
77	1.0	96.2	288.4#

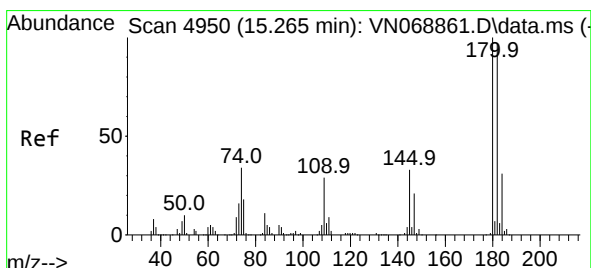
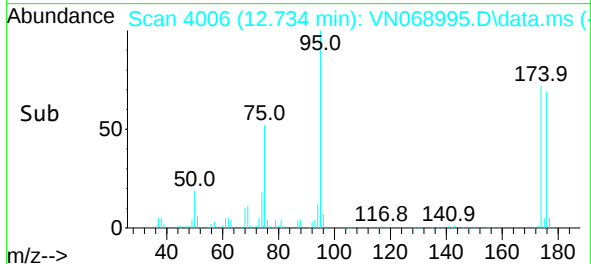
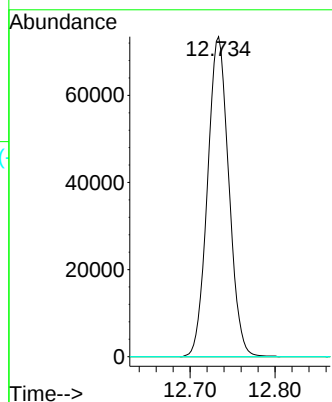
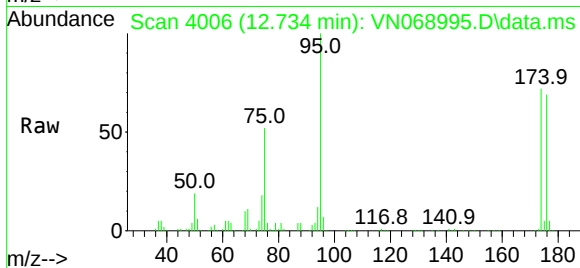




#81
trans-1,4-Dichloro-2-butene
Concen: 74.830 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN068995.D
Acq: 18 Oct 2021 22:42

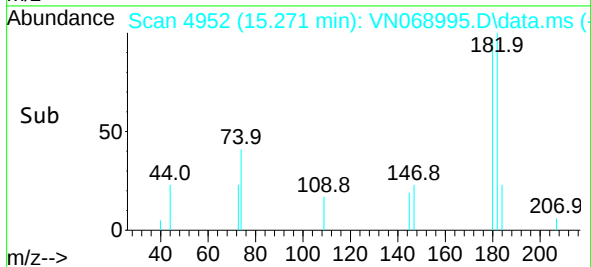
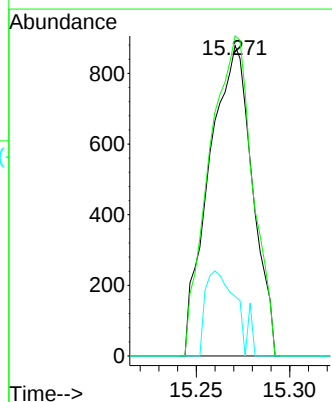
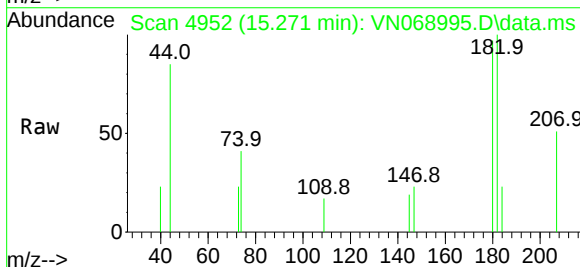
Instrument :
MSVOA_N
ClientSampleId :

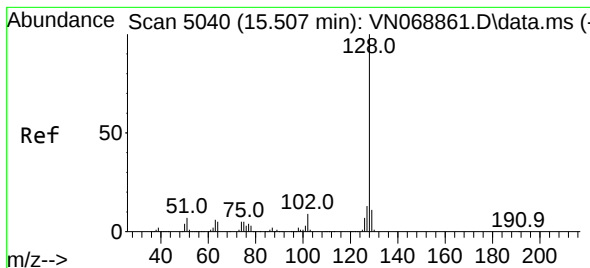
Tgt Ion: 75 Resp: 127617
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 3.017 ug/l
RT: 15.271 min Scan# 4952
Delta R.T. 0.006 min
Lab File: VN068995.D
Acq: 18 Oct 2021 22:42

Tgt Ion:180 Resp: 1413
Ion Ratio Lower Upper
180 100
182 103.6 47.9 143.7
145 19.8 16.4 49.2

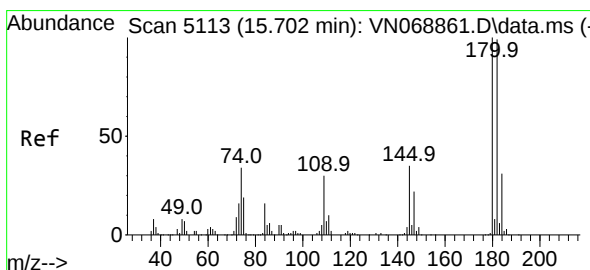
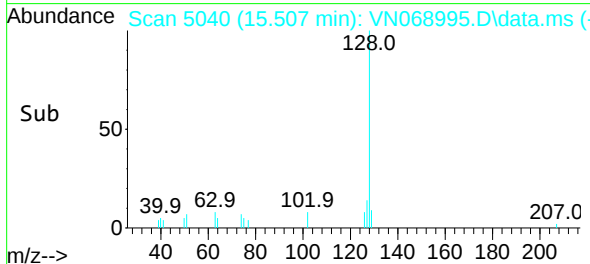
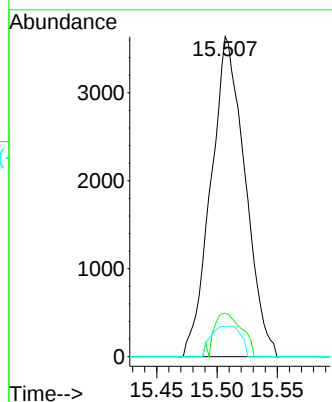
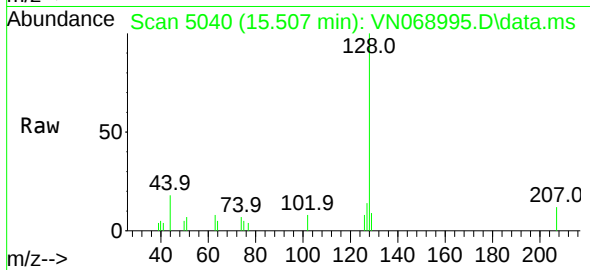




#95
Naphthalene
Concen: 4.554 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN068995.D
Acq: 18 Oct 2021 22:42

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 7152
Ion Ratio Lower Upper
128 100
127 11.2 10.5 15.7
129 8.3 8.9 13.3#



#96
1,2,3-Trichlorobenzene
Concen: 3.021 ug/l
RT: 15.697 min Scan# 5111
Delta R.T. -0.005 min
Lab File: VN068995.D
Acq: 18 Oct 2021 22:42

Tgt Ion:180 Resp: 1636
Ion Ratio Lower Upper
180 100
182 89.3 48.1 144.3
145 16.4 17.4 52.2#

