

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069185.D
 Acq On : 26 Oct 2021 15:04
 Operator : JC/MD
 Sample : M4337-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 27 06:55:25 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)

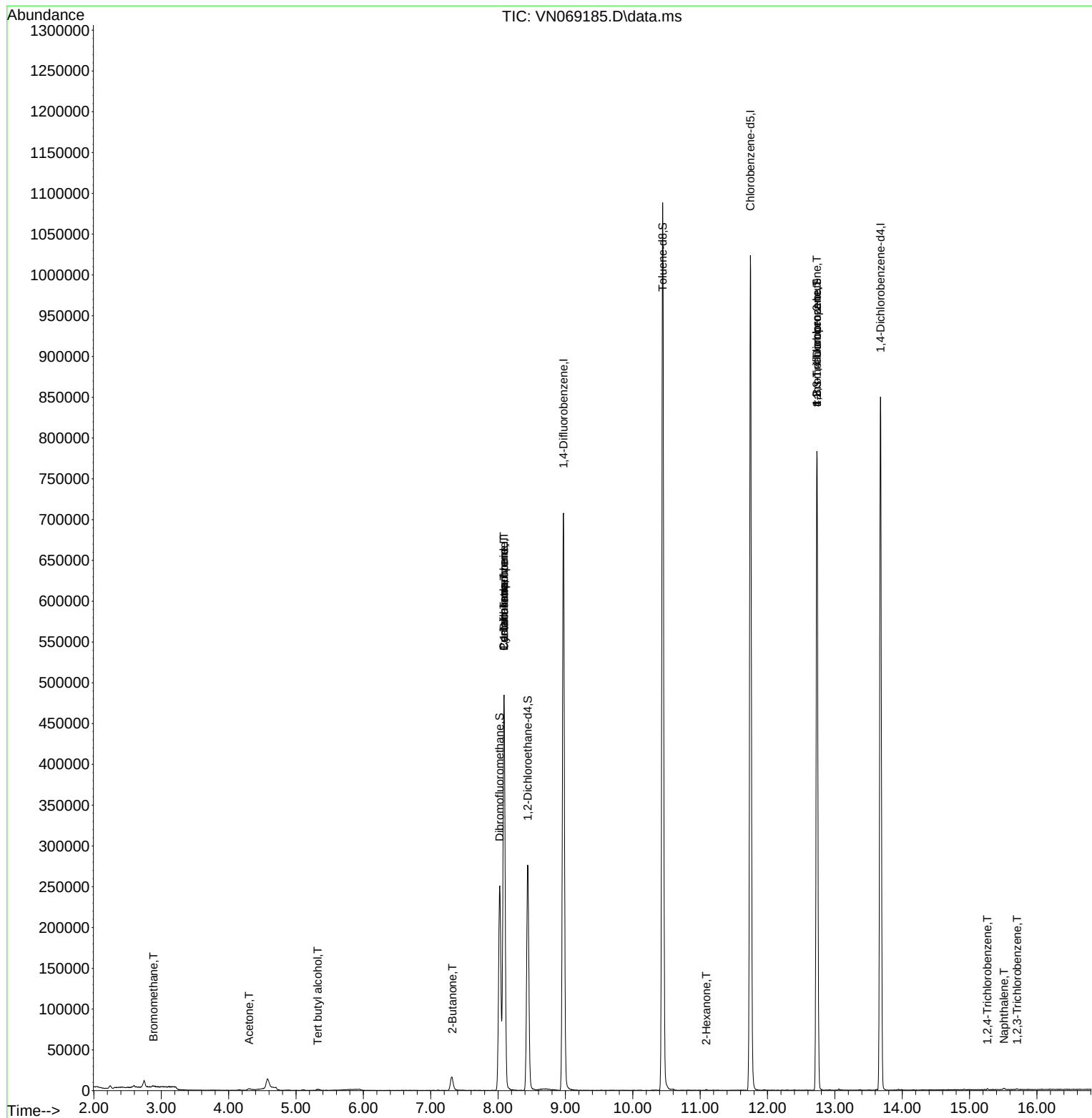
Internal Standards						
1) Pentafluorobenzene	8.088	168	367699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	633958	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	607530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	229580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	236614	48.807	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	97.620%	
35) Dibromofluoromethane	8.024	113	184223	49.946	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	99.900%	
50) Toluene-d8	10.443	98	783979	53.122	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	106.240%	
62) 4-Bromofluorobenzene	12.733	95	284490	51.094	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	102.180%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.883	94	1021	0.407	ug/l	94
11) Tert butyl alcohol	5.321	59	644	0.727	ug/l #	72
16) Acetone	4.301	43	3405	1.882	ug/l	93
25) 2-Butanone	7.321	43	891	0.326	ug/l #	48
31) Cyclohexane	8.088	56	8293	1.100	ug/l #	4
36) 1,1-Dichloropropene	8.088	75	29608	5.468	ug/l #	50
38) Carbon Tetrachloride	8.088	117	37639	6.329	ug/l #	15
59) 2-Hexanone	11.089	43	1086	0.265	ug/l #	45
76) 1,2,3-Trichloropropane	12.733	75	150426	30.795	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	150426	73.674	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.265	180	580	2.744	ug/l	92
95) Naphthalene	15.512	128	2539	4.032	ug/l #	76
96) 1,2,3-Trichlorobenzene	15.705	180	458	2.632	ug/l #	76

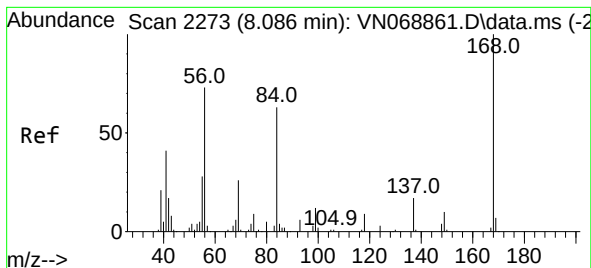
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN069185.D

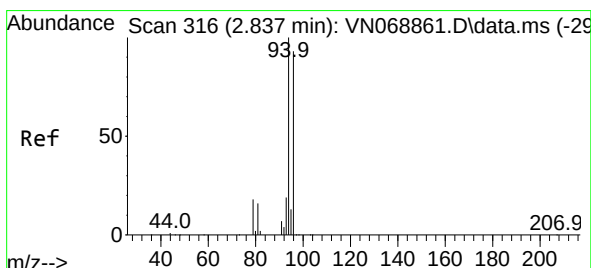
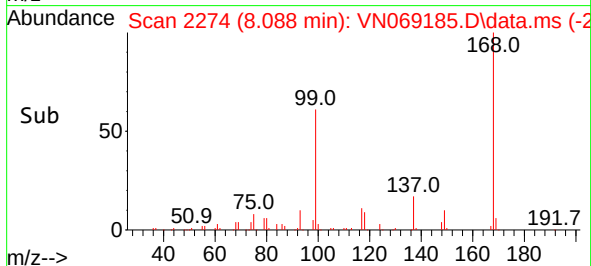
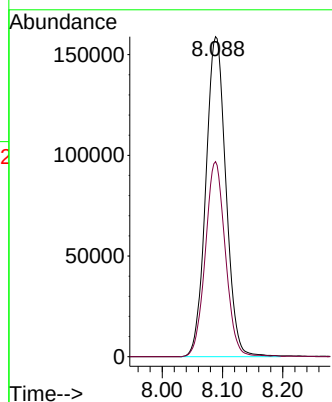
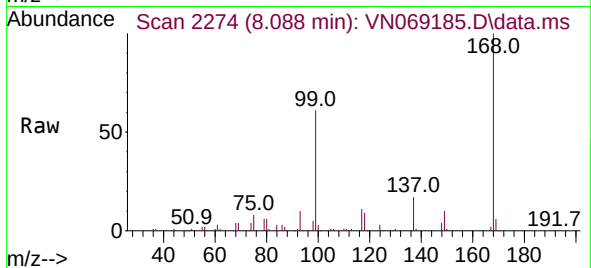
Acq: 26 Oct 2021 15:04

Tgt Ion:168 Resp: 367699

Ion Ratio Lower Upper

168 100

99 61.0 48.9 73.3



#5

Bromomethane

Concen: 0.407 ug/l

RT: 2.883 min Scan# 333

Delta R.T. 0.046 min

Lab File: VN069185.D

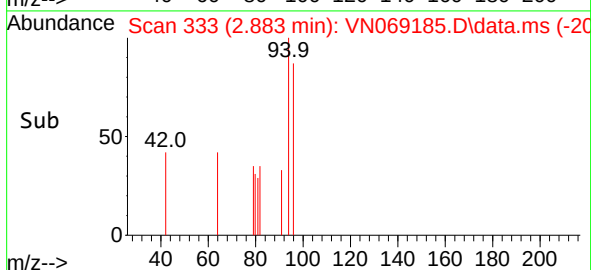
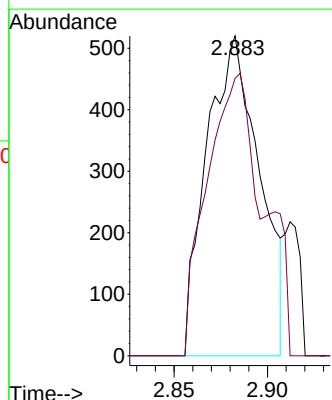
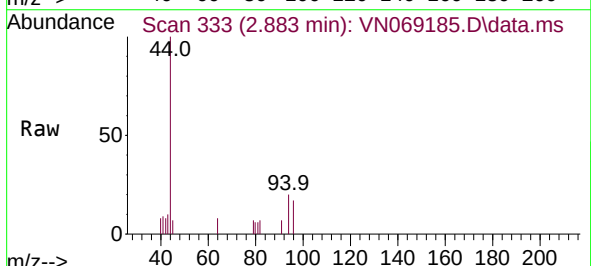
Acq: 26 Oct 2021 15:04

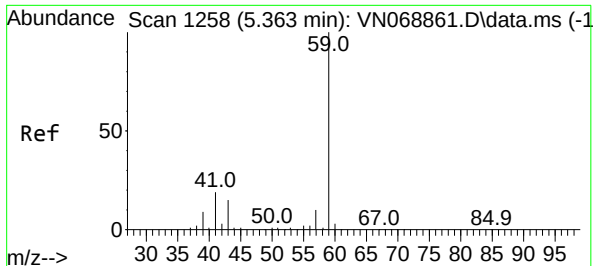
Tgt Ion: 94 Resp: 1021

Ion Ratio Lower Upper

94 100

96 86.7 74.2 111.4



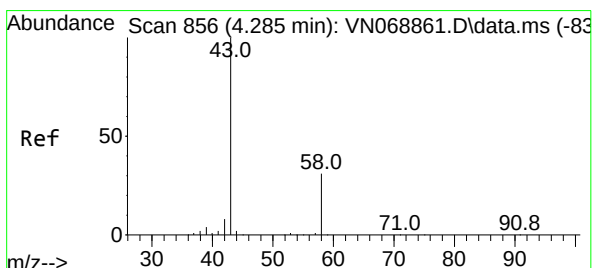
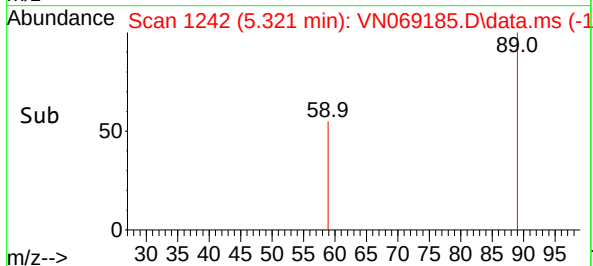
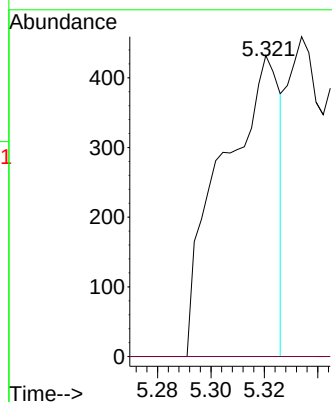
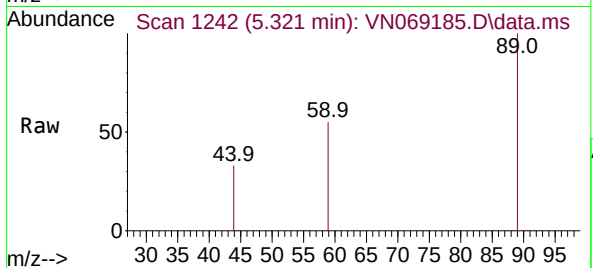


#11

Tert butyl alcohol
Concen: 0.727 ug/l
RT: 5.321 min Scan# 1242
Delta R.T. -0.043 min
Lab File: VN069185.D
Acq: 26 Oct 2021 15:04

Instrument :
MSVOA_N
ClientSampled :

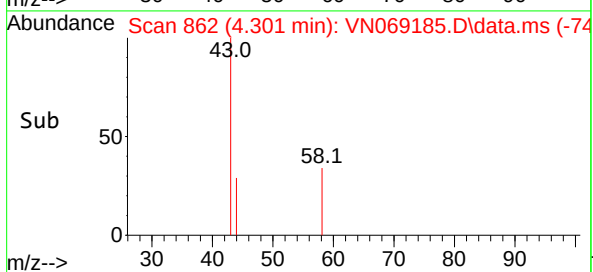
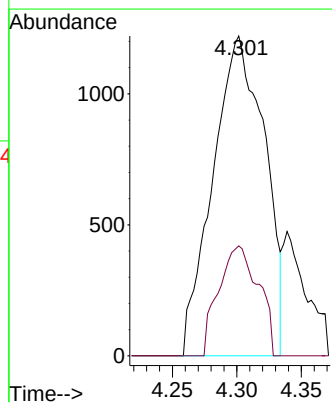
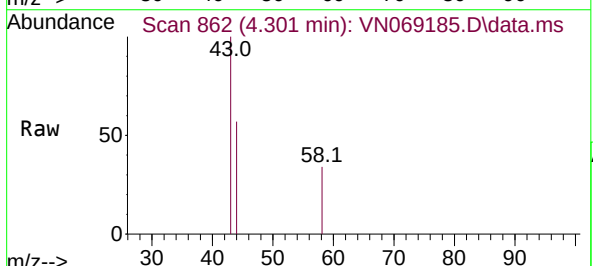
Tgt Ion: 59 Resp: 644
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

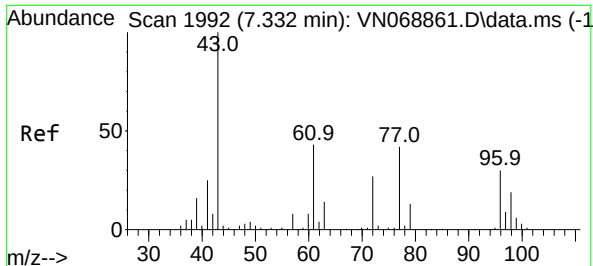


#16

Acetone
Concen: 1.882 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.016 min
Lab File: VN069185.D
Acq: 26 Oct 2021 15:04

Tgt Ion: 43 Resp: 3405
Ion Ratio Lower Upper
43 100
58 34.4 24.5 36.7

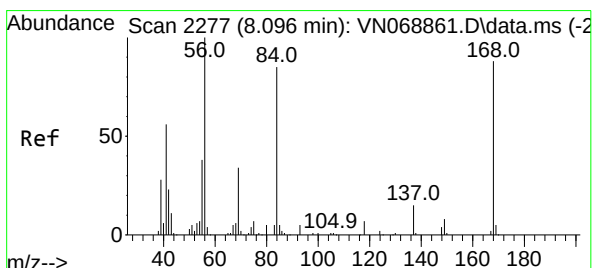
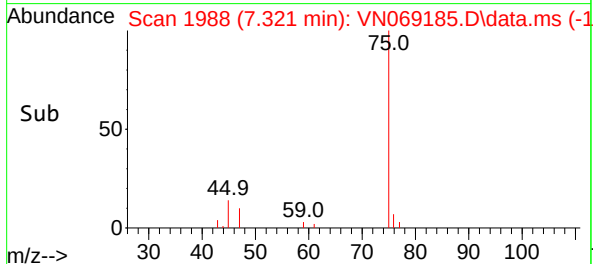
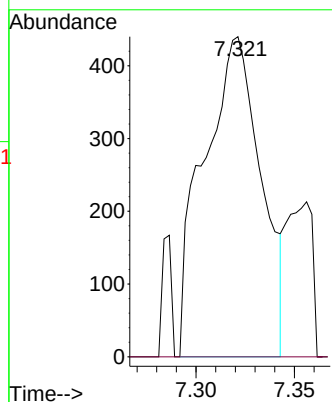
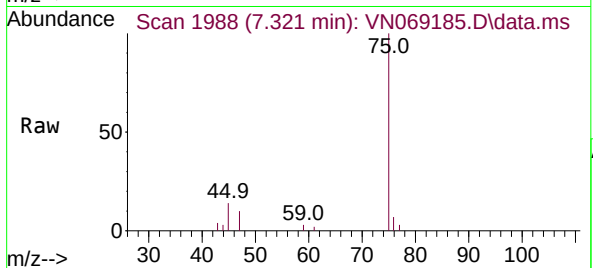




#25
2-Butanone
Concen: 0.326 ug/l
RT: 7.321 min Scan# 1988
Delta R.T. -0.011 min
Lab File: VN069185.D
Acq: 26 Oct 2021 15:04

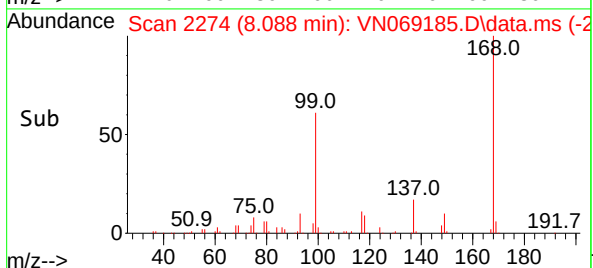
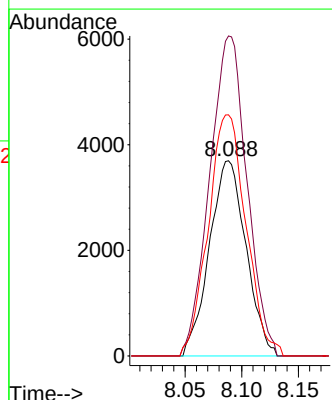
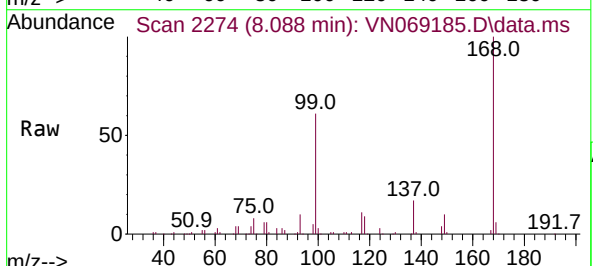
Instrument :
MSVOA_N
ClientSampled :

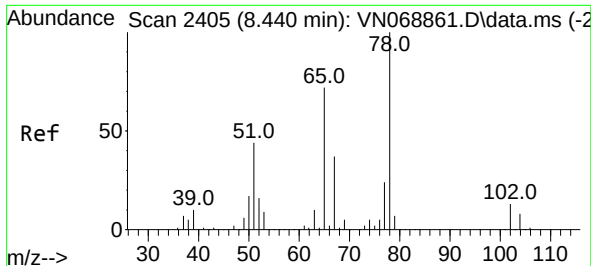
Tgt Ion: 43 Resp: 891
Ion Ratio Lower Upper
43 100
72 0.0 21.2 31.8#



#31
Cyclohexane
Concen: 1.100 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN069185.D
Acq: 26 Oct 2021 15:04

Tgt Ion: 56 Resp: 8293
Ion Ratio Lower Upper
56 100
69 163.9 26.9 40.3#
84 123.5 67.6 101.4#

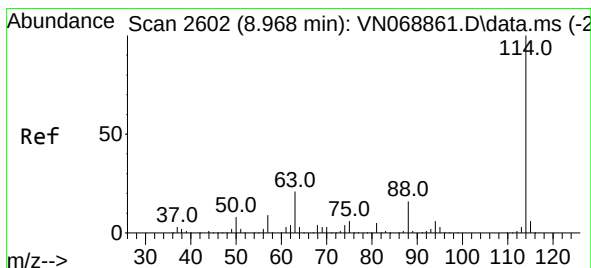
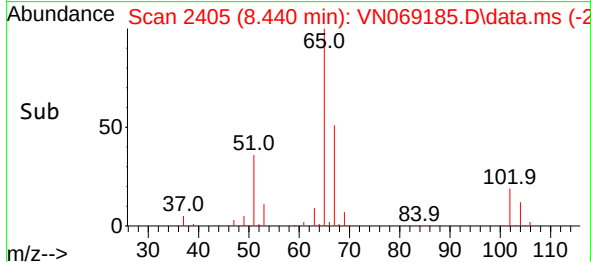
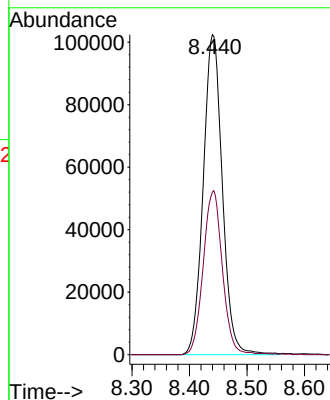
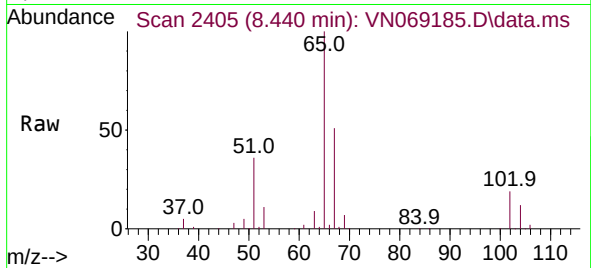




#33
 1,2-Dichloroethane-d4
 Concen: 48.807 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. 0.000 min
 Lab File: VN069185.D
 Acq: 26 Oct 2021 15:04

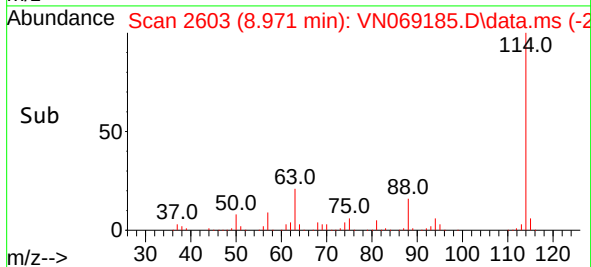
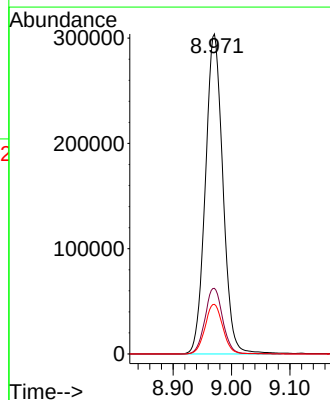
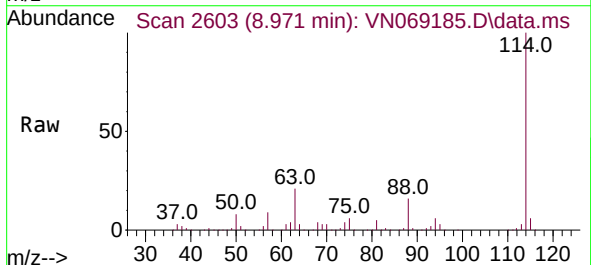
Instrument :
 MSVOA_N
 ClientSampled :

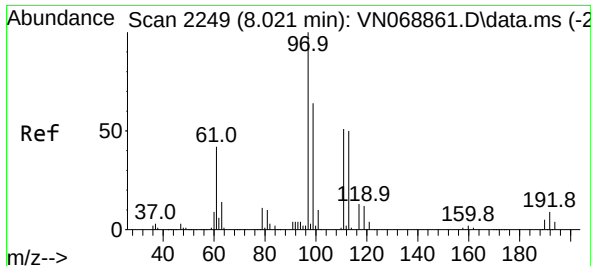
Tgt Ion: 65 Resp: 236614
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN069185.D
 Acq: 26 Oct 2021 15:04

Tgt Ion: 114 Resp: 633958
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.6
 88 15.5 0.0 32.0

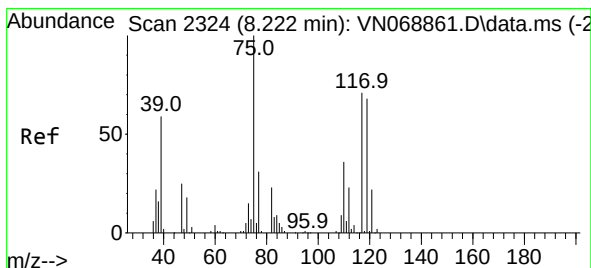
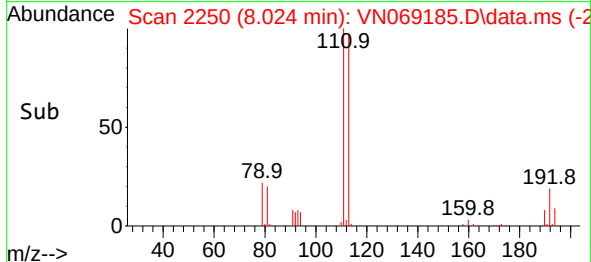
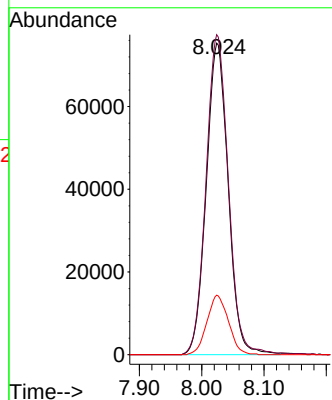
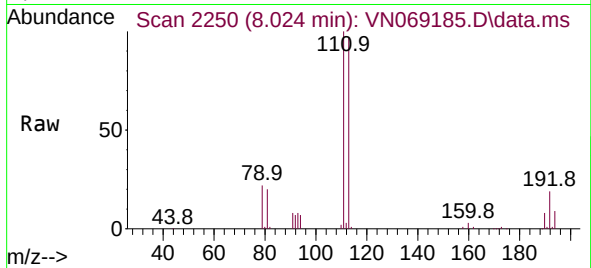




#35
Dibromofluoromethane
Concen: 49.946 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069185.D
Acq: 26 Oct 2021 15:04

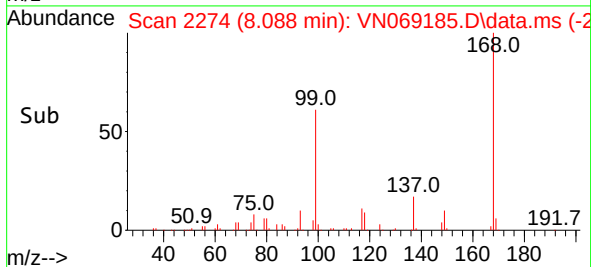
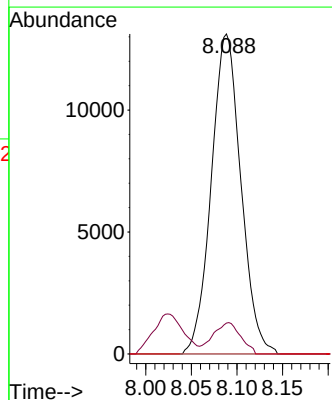
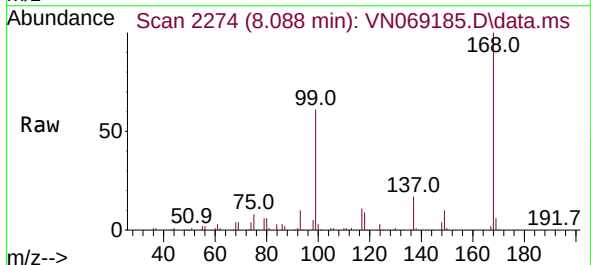
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ClientSampleId :

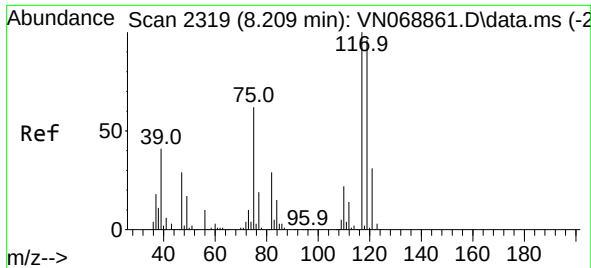
Tgt Ion:113 Resp: 184223
Ion Ratio Lower Upper
113 100
111 104.5 83.2 124.8
192 18.7 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.468 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN069185.D
Acq: 26 Oct 2021 15:04

Tgt Ion: 75 Resp: 29608
Ion Ratio Lower Upper
75 100
110 9.2 17.9 53.8#
77 0.0 24.7 37.1#

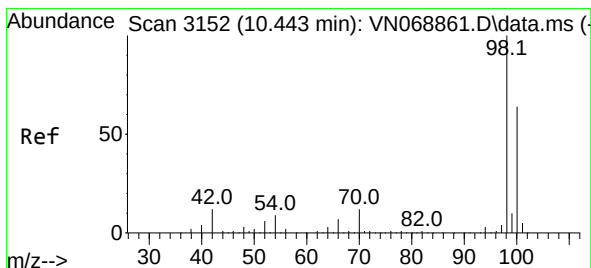
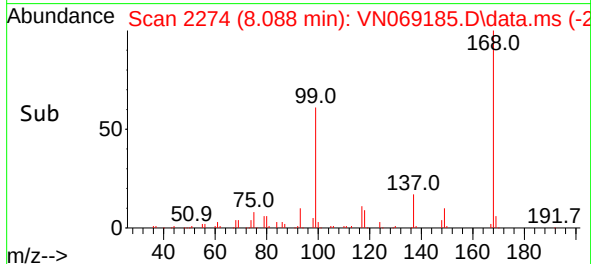
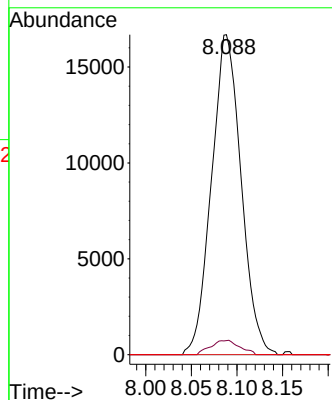
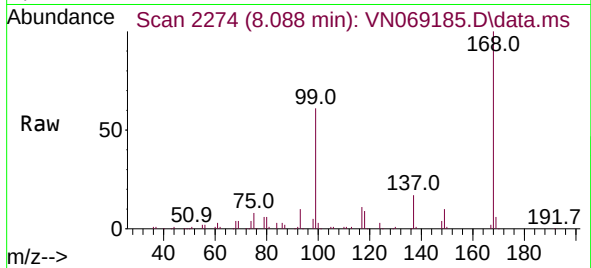




#38
Carbon Tetrachloride
Concen: 6.329 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN069185.D
Acq: 26 Oct 2021 15:04

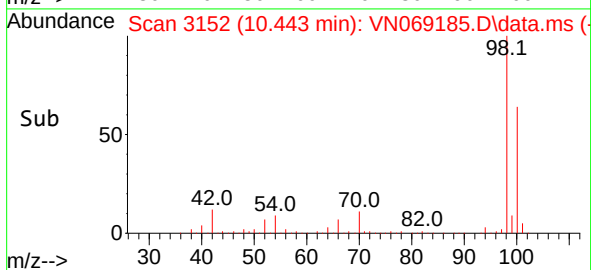
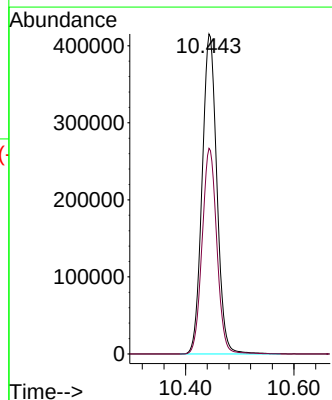
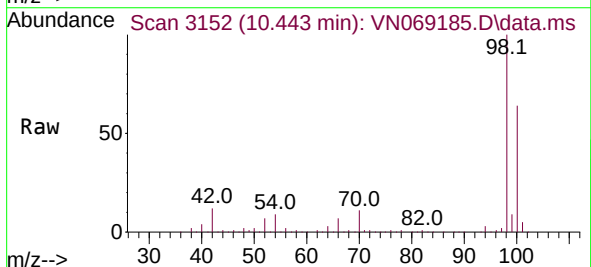
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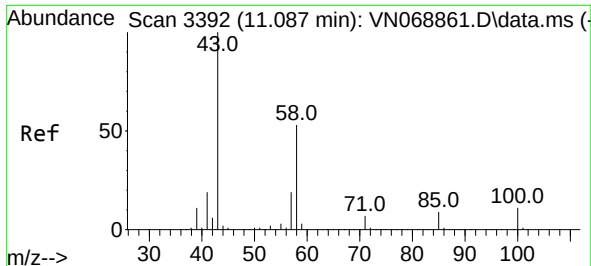
Tgt Ion:117 Resp: 37639
Ion Ratio Lower Upper
117 100
119 4.4 76.9 115.3#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 53.122 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069185.D
Acq: 26 Oct 2021 15:04

Tgt Ion: 98 Resp: 783979
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3

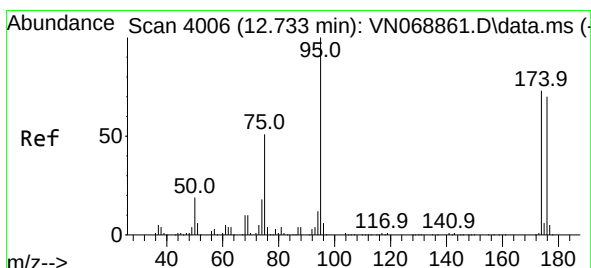
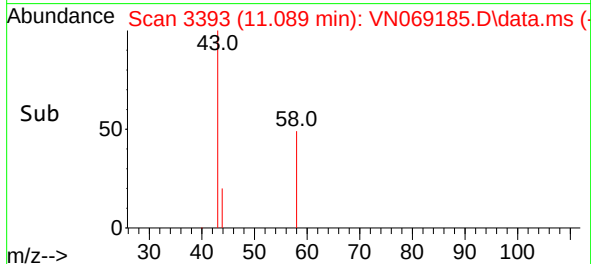
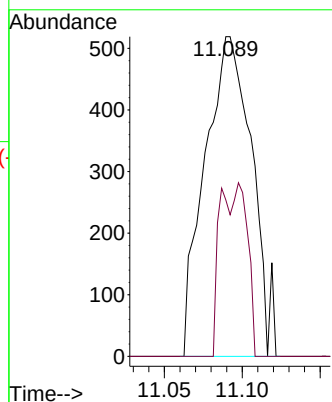
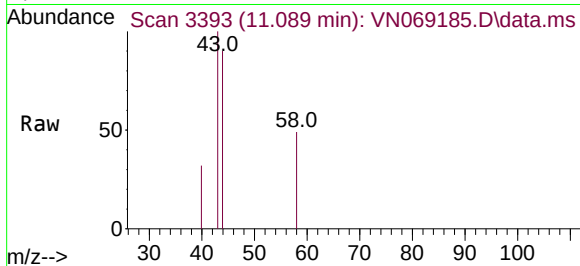




#59
2-Hexanone
Concen: 0.265 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.003 min
Lab File: VN069185.D
Acq: 26 Oct 2021 15:04

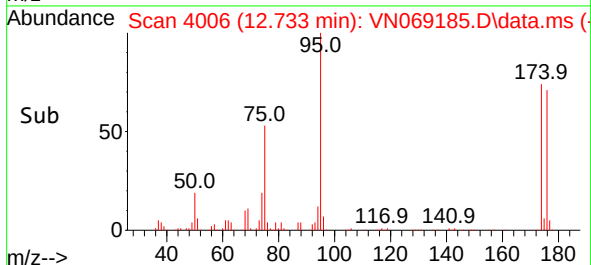
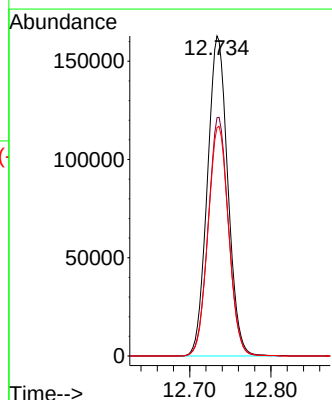
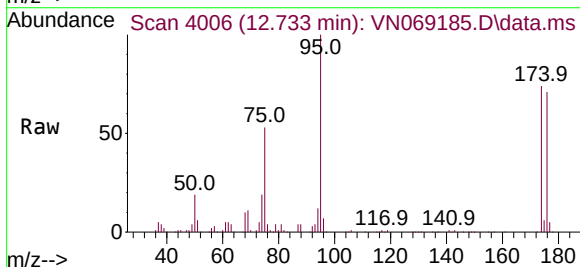
Instrument :
MSVOA_N
ClientSampled :

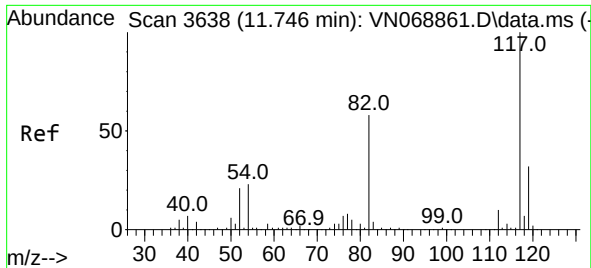
Tgt Ion: 43 Resp: 1086
Ion Ratio Lower Upper
43 100
58 14.5 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 51.094 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069185.D
Acq: 26 Oct 2021 15:04

Tgt Ion: 95 Resp: 284490
Ion Ratio Lower Upper
95 100
174 74.1 0.0 144.8
176 72.2 0.0 140.0

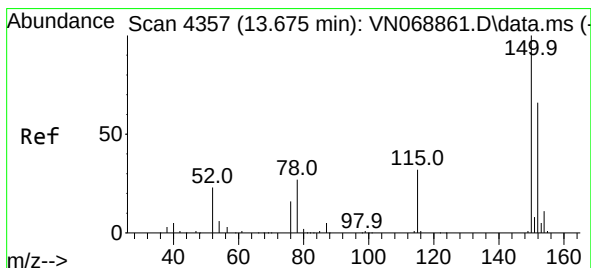
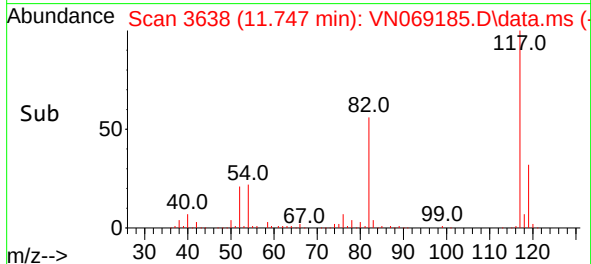
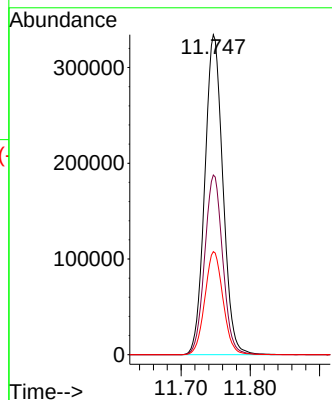
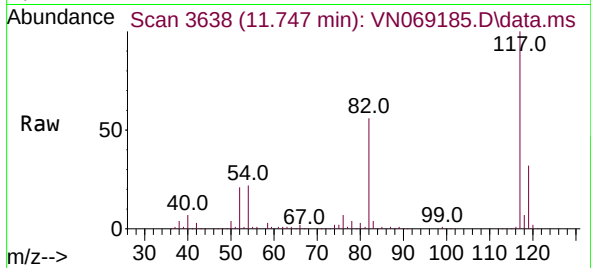




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069185.D
Acq: 26 Oct 2021 15:04

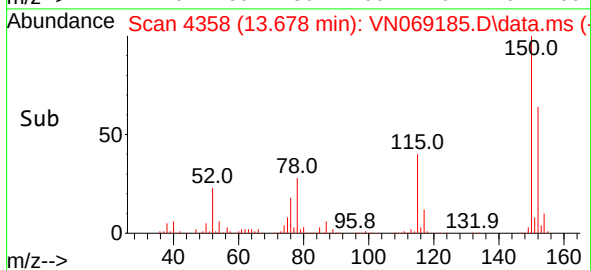
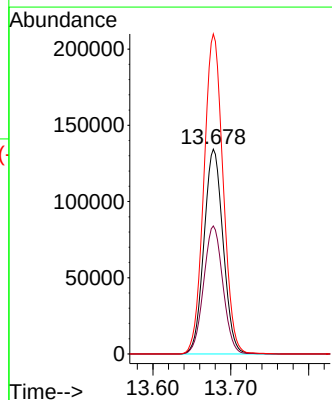
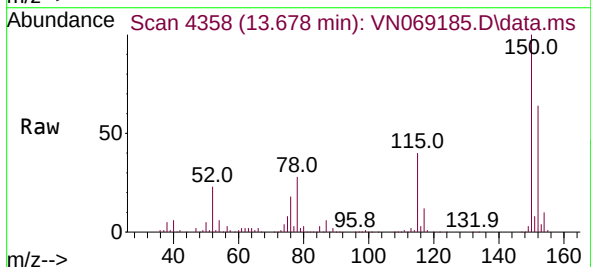
Instrument :
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ClientSampleId :

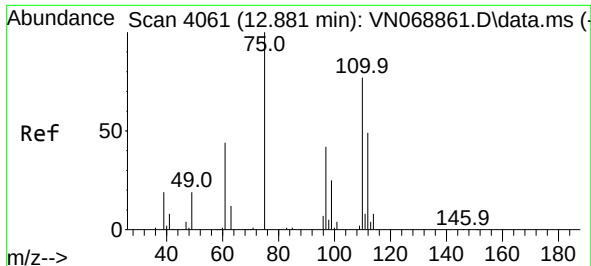
Tgt Ion:117 Resp: 607530
Ion Ratio Lower Upper
117 100
82 56.1 46.4 69.6
119 32.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069185.D
Acq: 26 Oct 2021 15:04

Tgt Ion:152 Resp: 229580
Ion Ratio Lower Upper
152 100
115 63.0 31.4 94.3
150 156.7 0.0 351.0

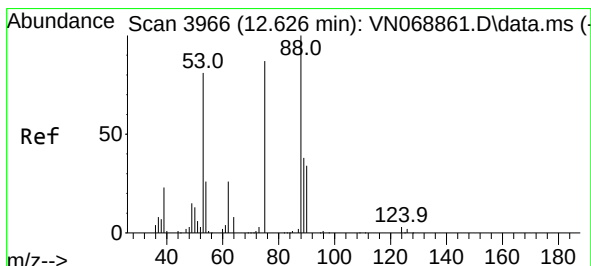
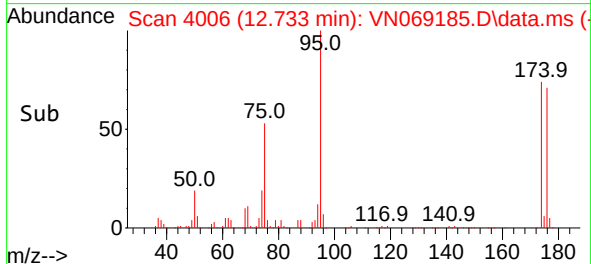
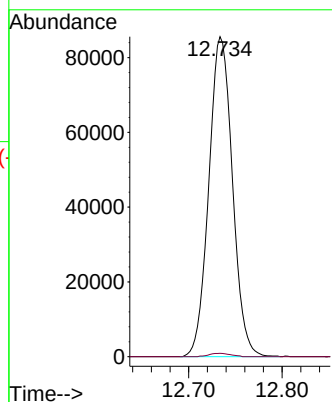
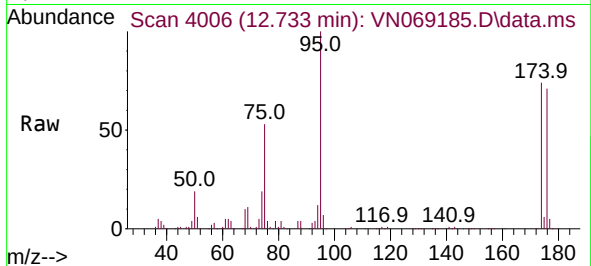




#76
1,2,3-Trichloropropane
Concen: 30.795 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN069185.D
Acq: 26 Oct 2021 15:04

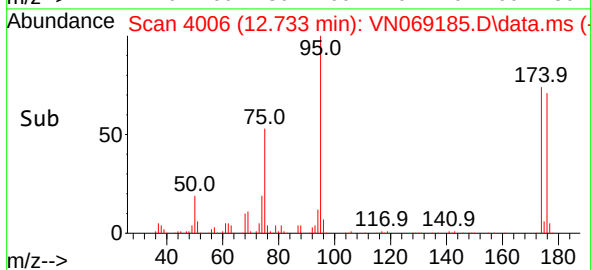
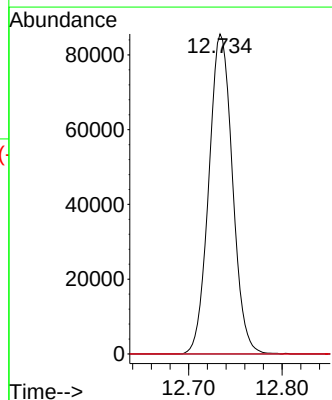
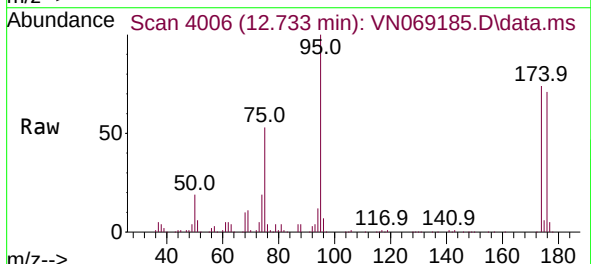
Instrument :
MSVOA_N
ClientSampled :

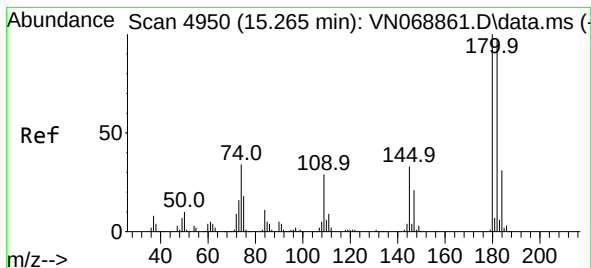
Tgt Ion: 75 Resp: 150426
Ion Ratio Lower Upper
75 100
77 1.0 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.674 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069185.D
Acq: 26 Oct 2021 15:04

Tgt Ion: 75 Resp: 150426
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#

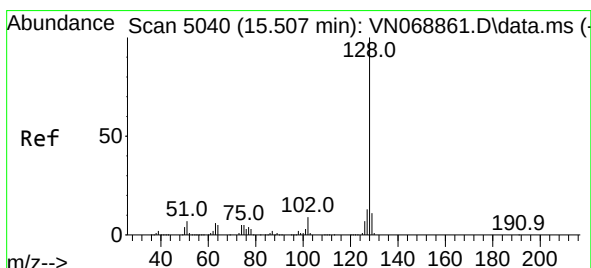
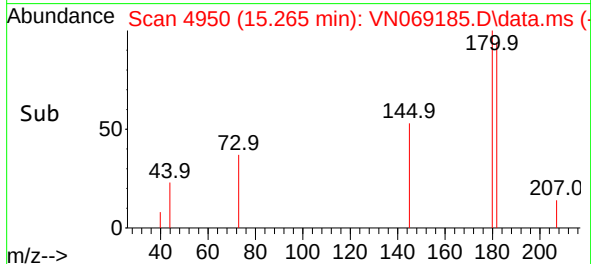
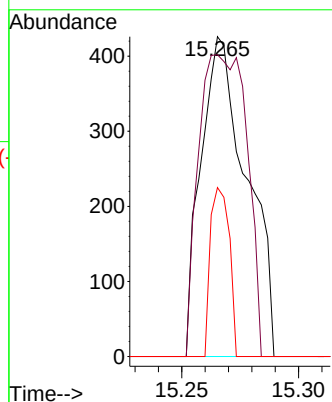
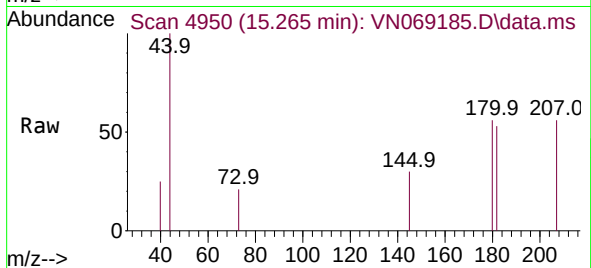




#93
1,2,4-Trichlorobenzene
Concen: 2.744 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069185.D
Acq: 26 Oct 2021 15:04

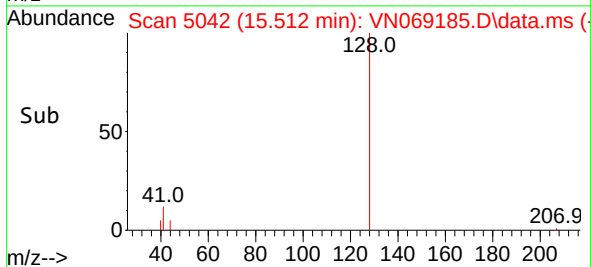
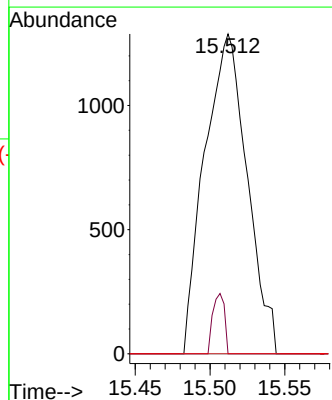
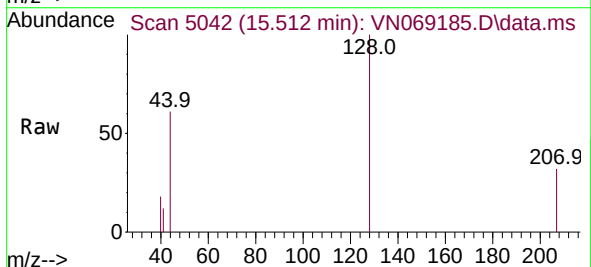
Instrument :
MSVOA_N
ClientSampled :

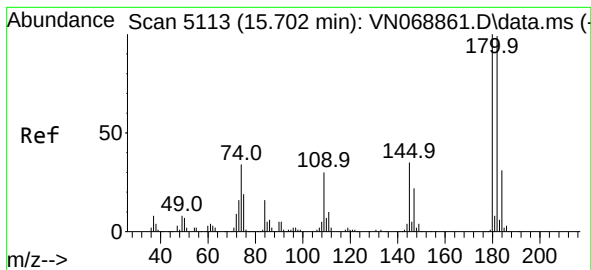
Tgt Ion:180 Resp: 580
Ion Ratio Lower Upper
180 100
182 99.5 47.9 143.7
145 21.7 16.4 49.2



#95
Naphthalene
Concen: 4.032 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN069185.D
Acq: 26 Oct 2021 15:04

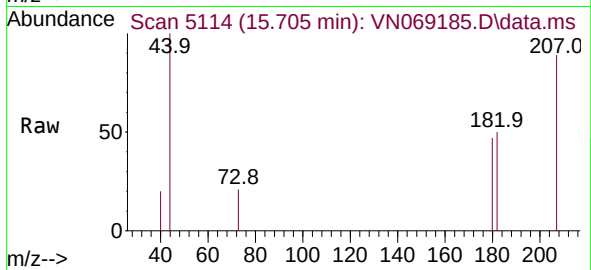
Tgt Ion:128 Resp: 2539
Ion Ratio Lower Upper
128 100
127 5.2 10.5 15.7#
129 0.0 8.9 13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.632 ug/l
 RT: 15.705 min Scan# 5114
 Delta R.T. 0.003 min
 Lab File: VN069185.D
 Acq: 26 Oct 2021 15:04

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 458
 Ion Ratio Lower Upper
 180 100
 182 85.2 48.1 144.3
 145 0.0 17.4 52.2#

