

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071122\
 Data File : VN073409.D
 Acq On : 11 Jul 2022 10:44
 Operator : JC\MD
 Sample : VN0711MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0711MBL01

Quant Time: Jul 12 07:23:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

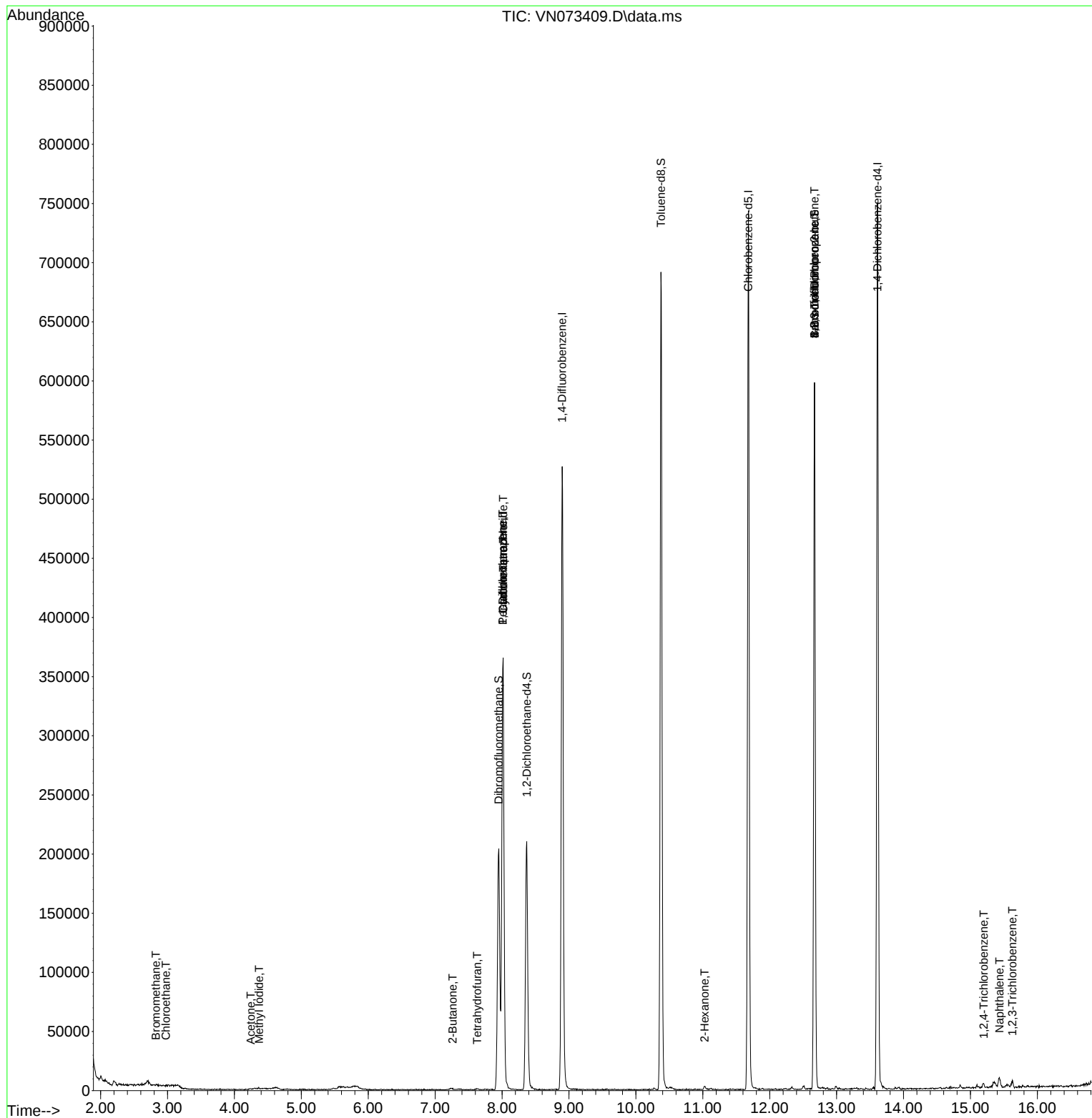
Internal Standards						
1) Pentafluorobenzene	8.010	168	279918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	460444	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	415996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	197759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	179138	44.331	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.660%		
35) Dibromofluoromethane	7.951	113	151731	49.530	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.060%		
50) Toluene-d8	10.375	98	484439	44.525	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.040%		
62) 4-Bromofluorobenzene	12.669	95	207606	49.652	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.300%		
Target Compounds					Qvalue	
5) Bromomethane	2.828	94	355	0.223	ug/l #	30
6) Chloroethane	2.975	64	413	0.208	ug/l #	42
10) Methyl Iodide	4.369	142	300	3.795	ug/l #	44
16) Acetone	4.246	43	1089	0.480	ug/l #	42
25) 2-Butanone	7.263	43	1028	0.285	ug/l #	45
29) Tetrahydrofuran	7.628	42	641	0.259	ug/l #	64
31) Cyclohexane	8.016	56	6614	0.999	ug/l #	2
36) 1,1-Dichloropropene	8.010	75	23708	5.030	ug/l #	49
38) Carbon Tetrachloride	8.016	117	29384	6.028	ug/l #	16
59) 2-Hexanone	11.028	43	2871	0.580	ug/l	75
71) Bromoform	12.669	173	1561	0.616	ug/l #	1
76) 1,2,3-Trichloropropane	12.669	75	109915	21.256	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	109915	58.294	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.198	180	1423	0.377	ug/l	82
95) Naphthalene	15.433	128	9669	0.634	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.627	180	1871	0.480	ug/l	92

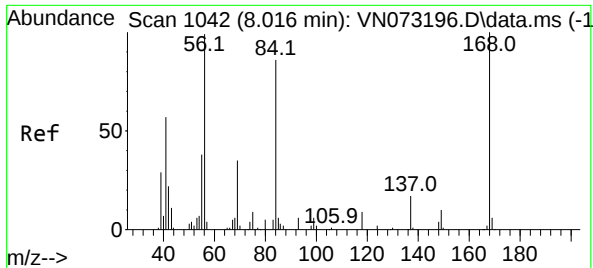
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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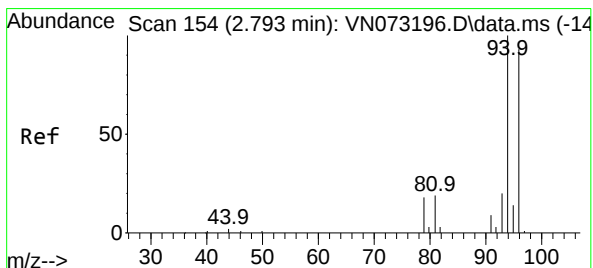
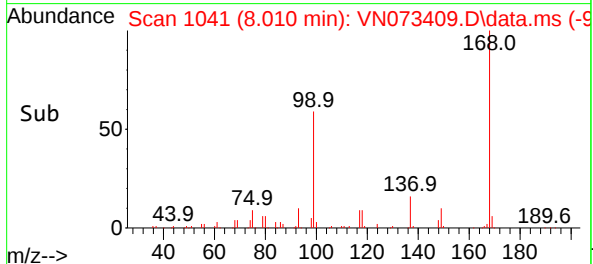
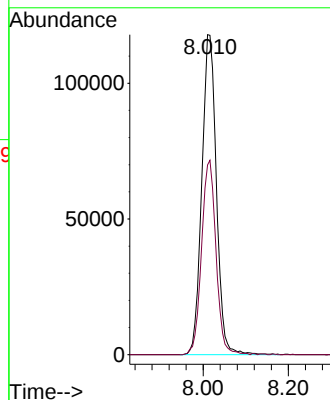
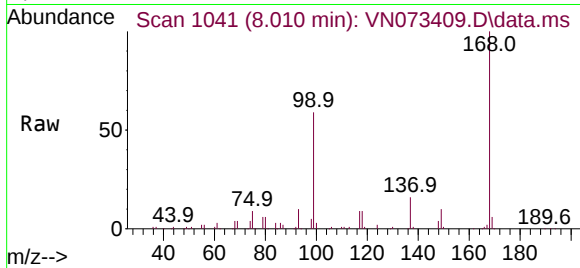




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN073409.D
Acq: 11 Jul 2022 10:44

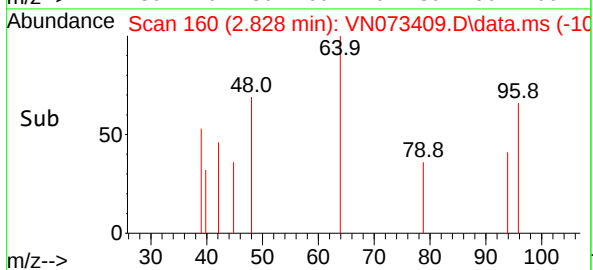
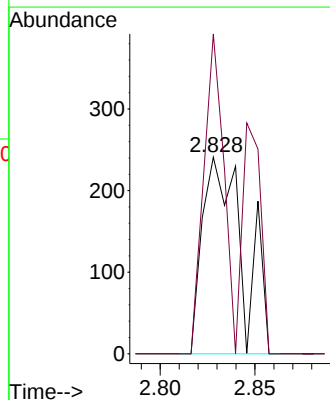
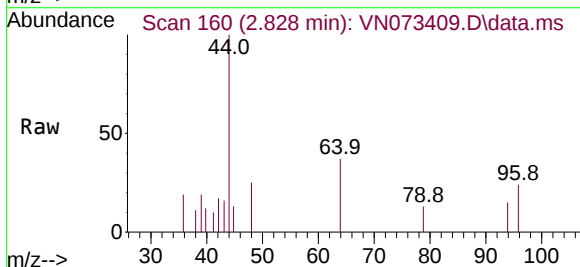
Instrument :
MSVOA_N
ClientSampleId :
VN0711MBL01

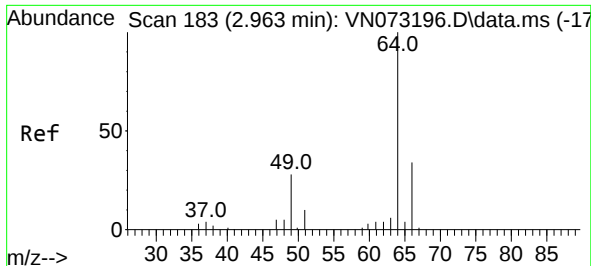
Tgt Ion:168 Resp: 279918
Ion Ratio Lower Upper
168 100
99 59.3 42.3 63.5



#5
Bromomethane
Concen: 0.223 ug/l
RT: 2.828 min Scan# 160
Delta R.T. 0.035 min
Lab File: VN073409.D
Acq: 11 Jul 2022 10:44

Tgt Ion: 94 Resp: 355
Ion Ratio Lower Upper
94 100
96 162.7 76.0 114.0#

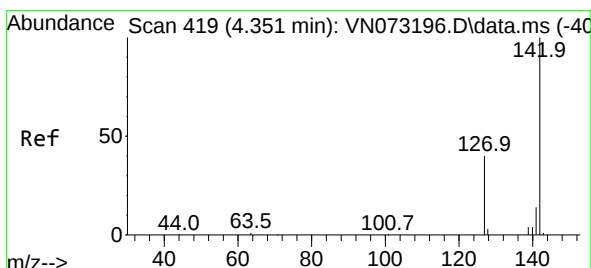
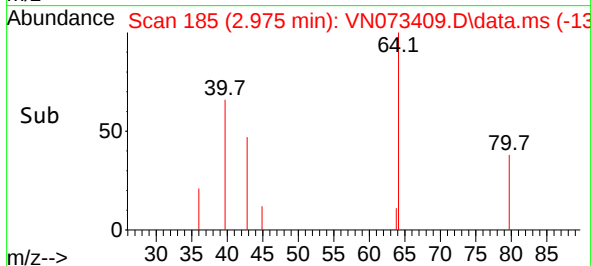
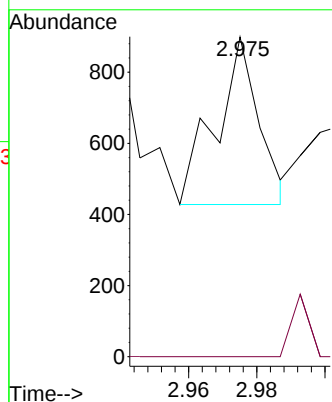
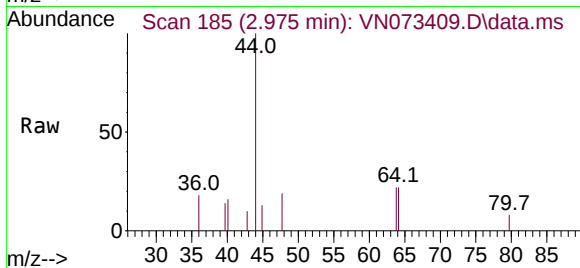




#6
Chloroethane
Concen: 0.208 ug/l
RT: 2.975 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN073409.D
Acq: 11 Jul 2022 10:44

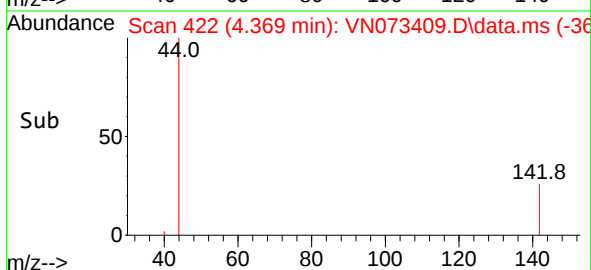
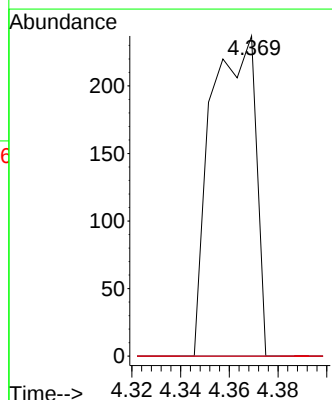
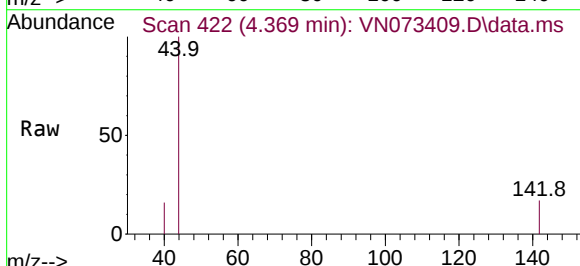
Instrument :
MSVOA_N
ClientSampleId :
VN0711MBL01

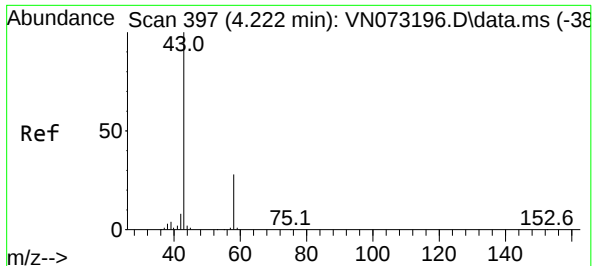
Tgt Ion: 64 Resp: 413
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#10
Methyl Iodide
Concen: 3.795 ug/l
RT: 4.369 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN073409.D
Acq: 11 Jul 2022 10:44

Tgt Ion: 142 Resp: 300
Ion Ratio Lower Upper
142 100
127 0.0 31.3 46.9#
141 0.0 11.2 16.8#

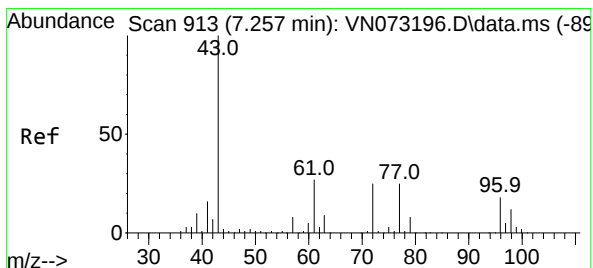
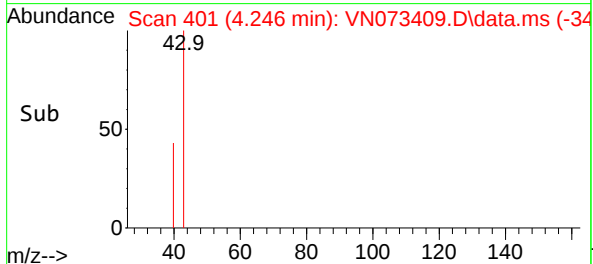
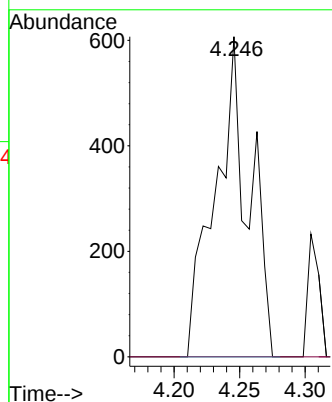
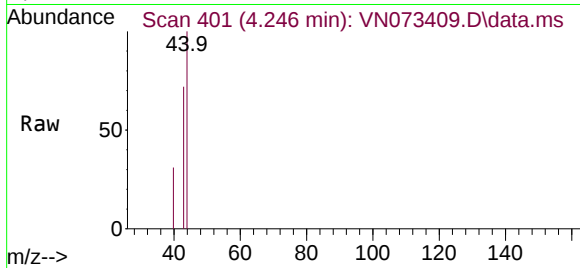




#16
Acetone
Concen: 0.480 ug/l
RT: 4.246 min Scan# 401
Delta R.T. 0.024 min
Lab File: VN073409.D
Acq: 11 Jul 2022 10:44

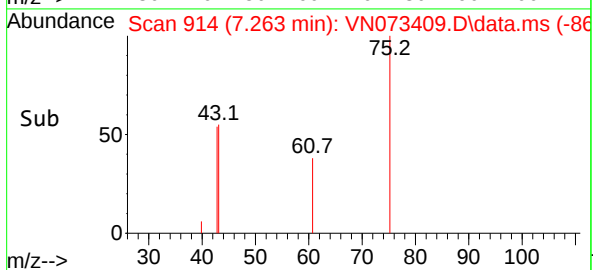
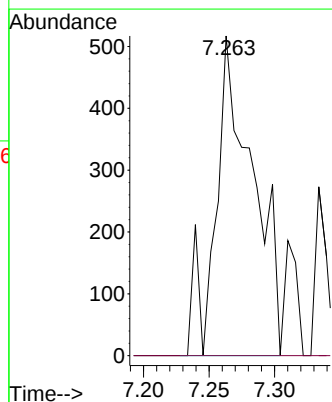
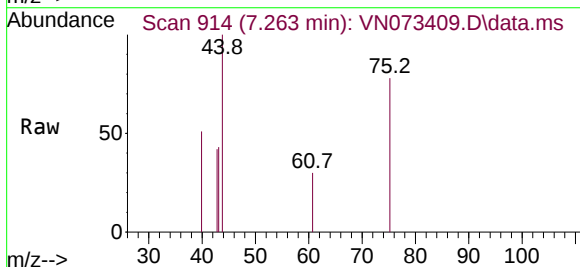
Instrument :
MSVOA_N
ClientSampleId :
VN0711MBL01

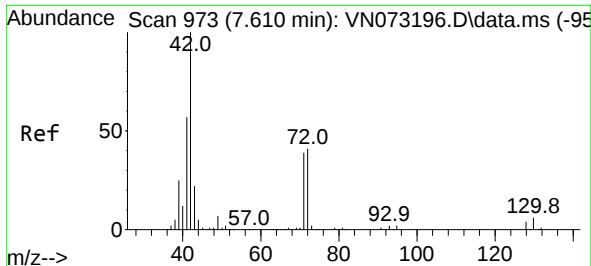
Tgt Ion: 43 Resp: 1089
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#25
2-Butanone
Concen: 0.285 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN073409.D
Acq: 11 Jul 2022 10:44

Tgt Ion: 43 Resp: 1028
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.259 ug/l

RT: 7.628 min Scan# 91

Delta R.T. 0.018 min

Lab File: VN073409.D

Acq: 11 Jul 2022 10:44

Instrument :

MSVOA_N

ClientSampleId :

VN0711MBL01

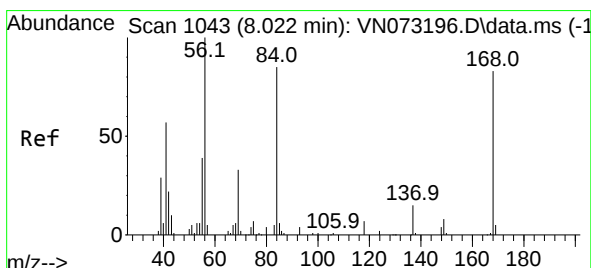
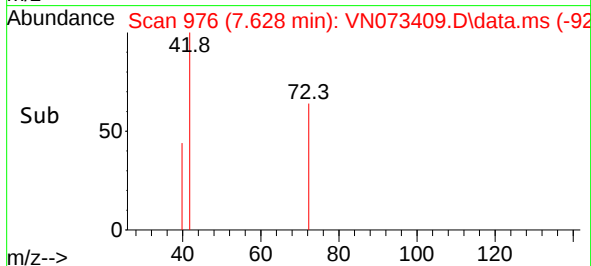
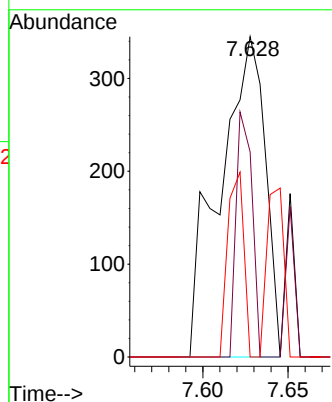
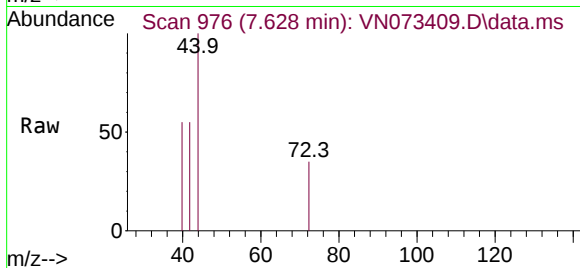
Tgt Ion: 42 Resp: 641

Ion Ratio Lower Upper

42 100

72 26.7 39.7 59.5#

71 20.4 36.6 55.0#



#31

Cyclohexane

Concen: 0.999 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VN073409.D

Acq: 11 Jul 2022 10:44

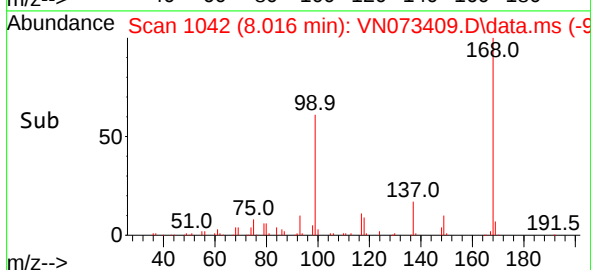
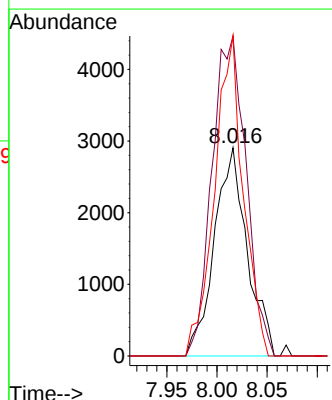
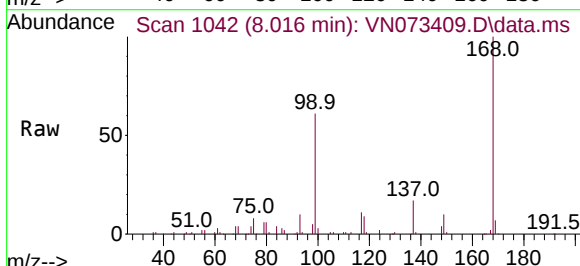
Tgt Ion: 56 Resp: 6614

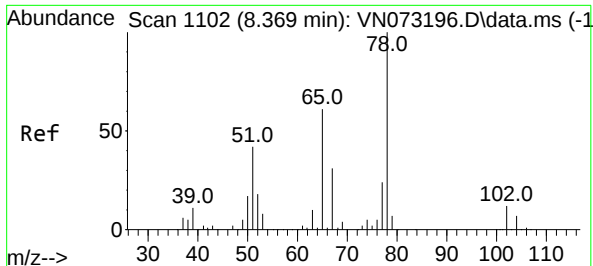
Ion Ratio Lower Upper

56 100

69 153.7 27.8 41.8#

84 153.8 76.9 115.3#

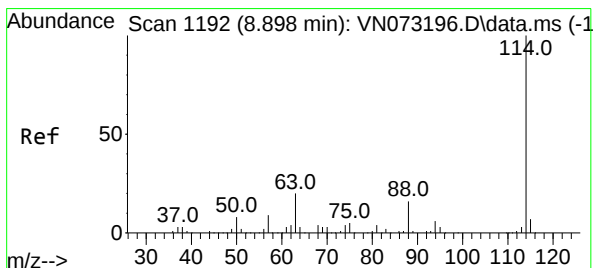
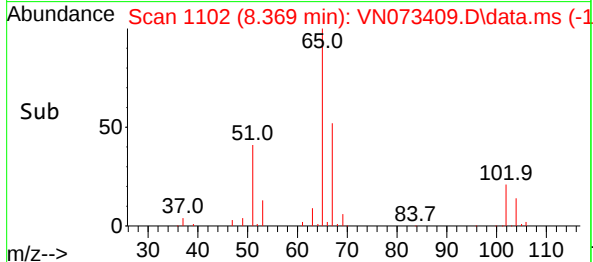
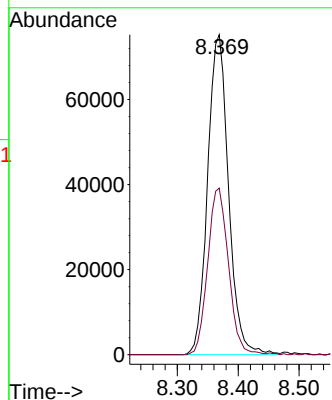
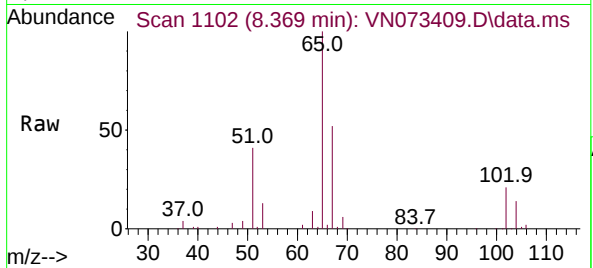




#33
 1,2-Dichloroethane-d4
 Concen: 44.331 ug/l
 RT: 8.369 min Scan# 1102
 Delta R.T. -0.000 min
 Lab File: VN073409.D
 Acq: 11 Jul 2022 10:44

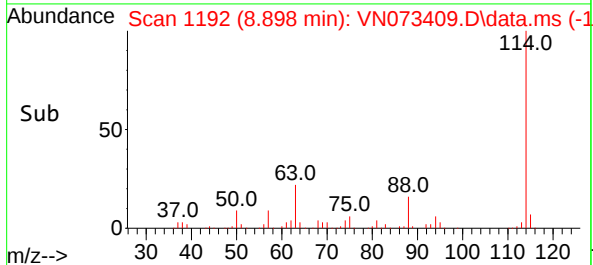
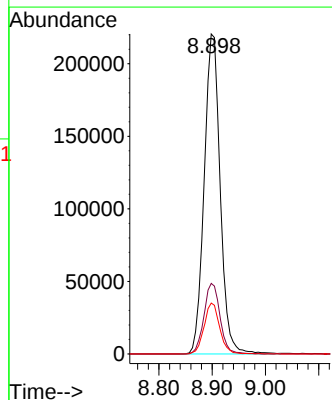
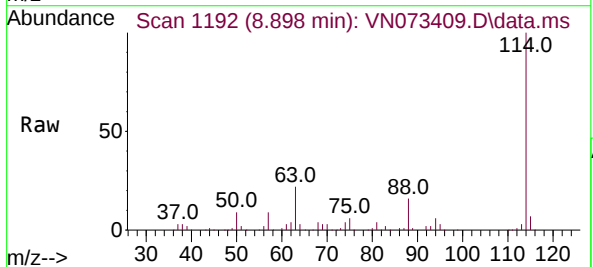
Instrument :
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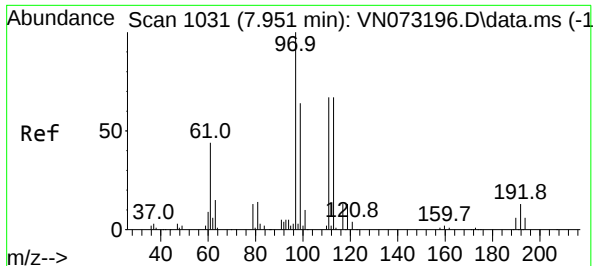
Tgt Ion: 65 Resp: 179138
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.898 min Scan# 1192
 Delta R.T. 0.000 min
 Lab File: VN073409.D
 Acq: 11 Jul 2022 10:44

Tgt Ion: 114 Resp: 460444
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 40.0
 88 15.9 0.0 32.6

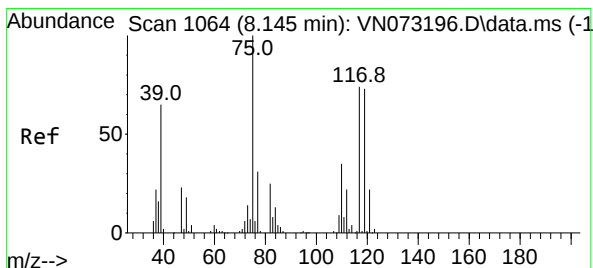
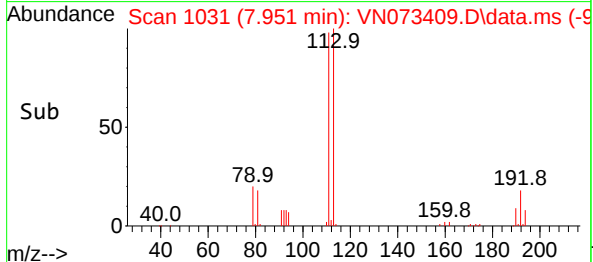
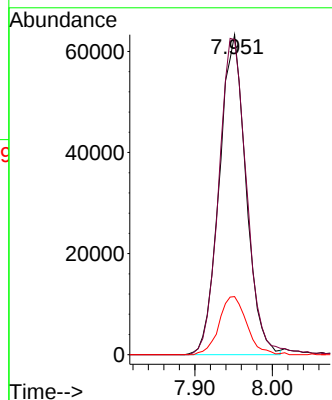
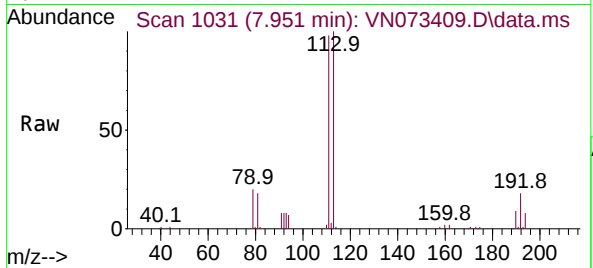




#35
Dibromofluoromethane
Concen: 49.530 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073409.D
Acq: 11 Jul 2022 10:44

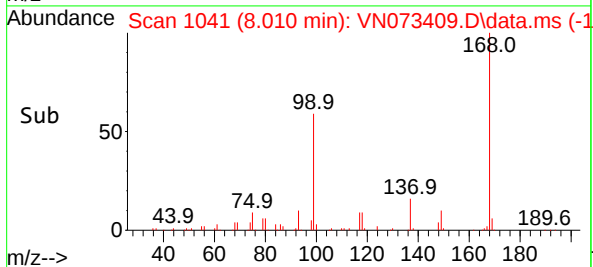
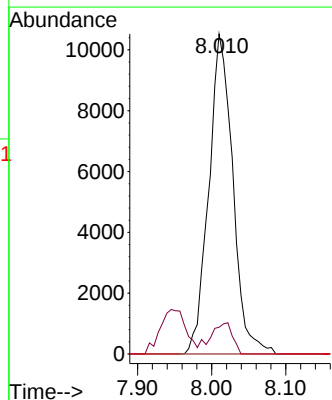
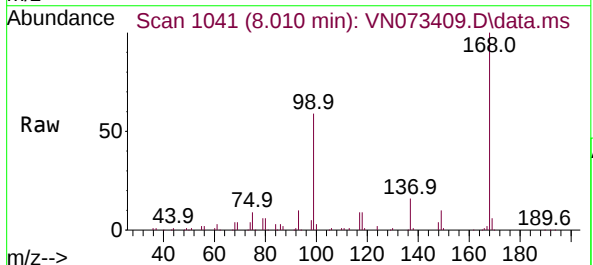
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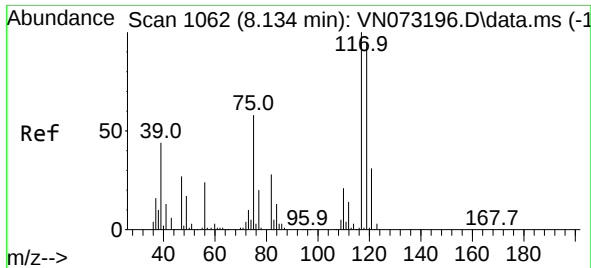
Tgt Ion:113 Resp: 151731
Ion Ratio Lower Upper
113 100
111 103.4 81.4 122.0
192 18.8 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.030 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.135 min
Lab File: VN073409.D
Acq: 11 Jul 2022 10:44

Tgt Ion: 75 Resp: 23708
Ion Ratio Lower Upper
75 100
110 8.9 18.3 54.8#
77 0.0 25.1 37.7#

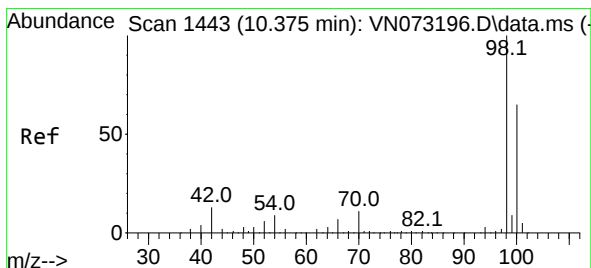
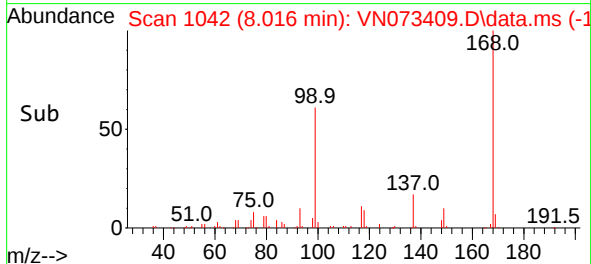
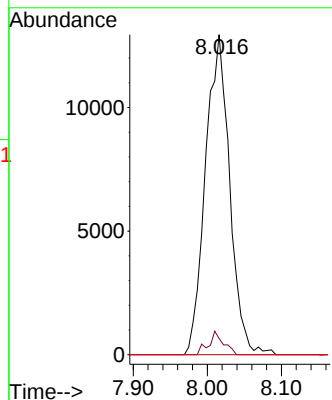
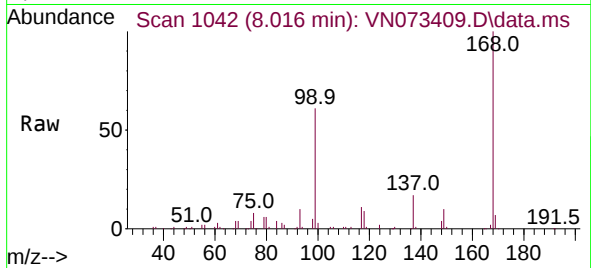




#38
Carbon Tetrachloride
Concen: 6.028 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073409.D
Acq: 11 Jul 2022 10:44

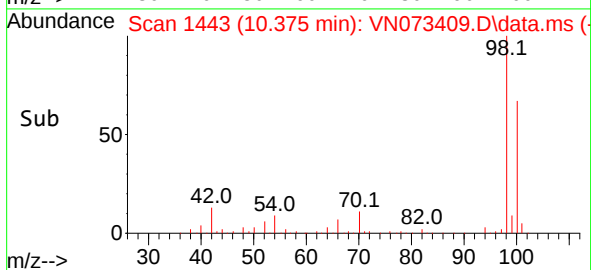
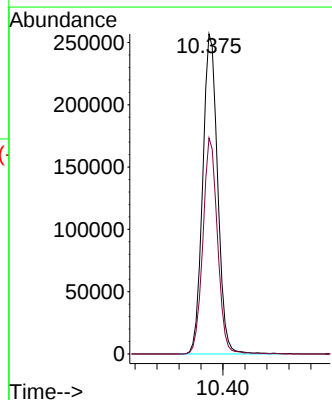
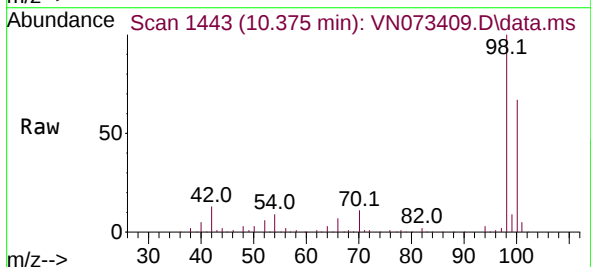
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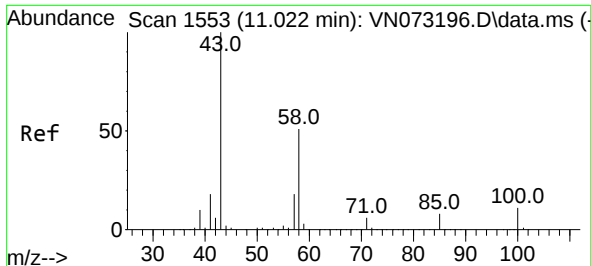
Tgt Ion:117 Resp: 29384
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 44.525 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073409.D
Acq: 11 Jul 2022 10:44

Tgt Ion: 98 Resp: 484439
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8

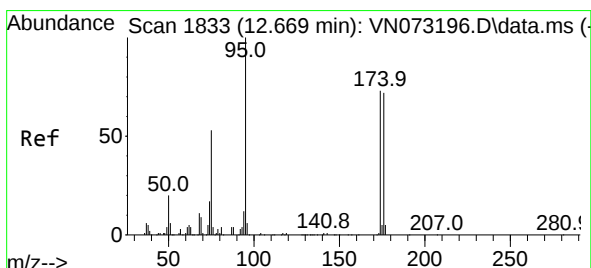
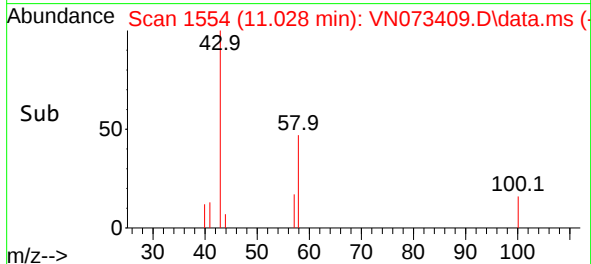
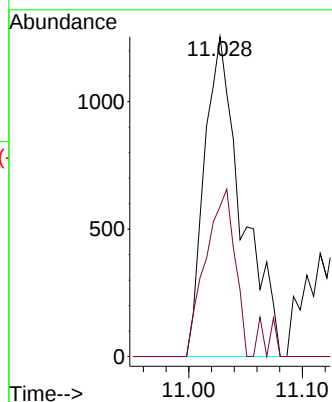
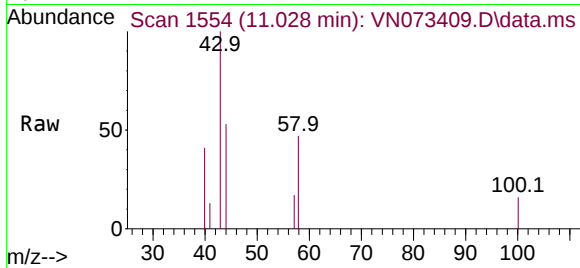




#59
2-Hexanone
Concen: 0.580 ug/l
RT: 11.028 min Scan# 11553
Delta R.T. 0.005 min
Lab File: VN073409.D
Acq: 11 Jul 2022 10:44

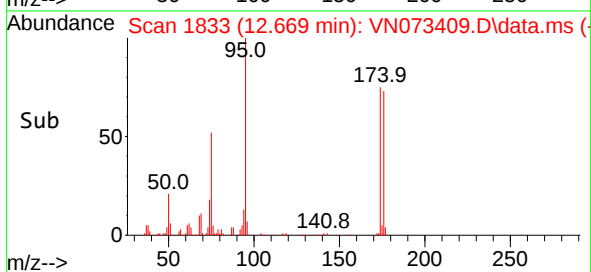
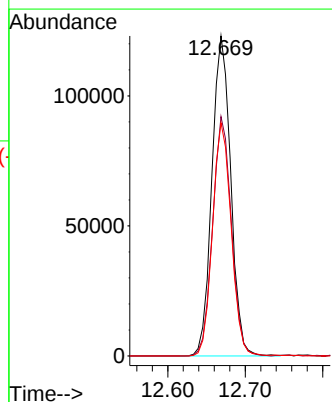
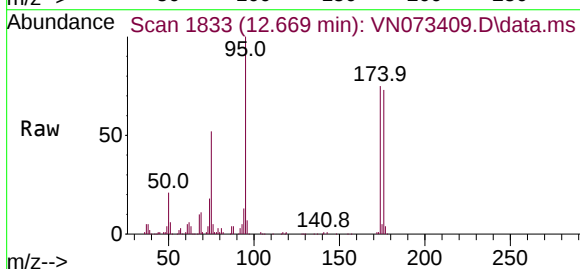
Instrument :
MSVOA_N
ClientSampleId :
VN0711MBL01

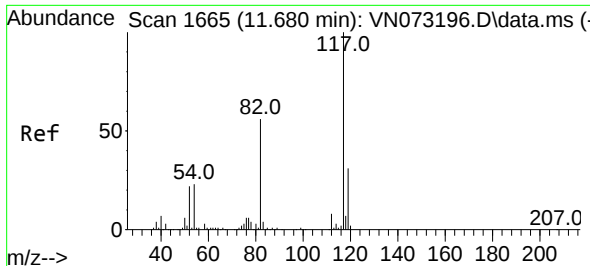
Tgt Ion: 43 Resp: 2871
Ion Ratio Lower Upper
43 100
58 40.9 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 49.652 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073409.D
Acq: 11 Jul 2022 10:44

Tgt Ion: 95 Resp: 207606
Ion Ratio Lower Upper
95 100
174 74.5 0.0 167.6
176 72.1 0.0 163.4

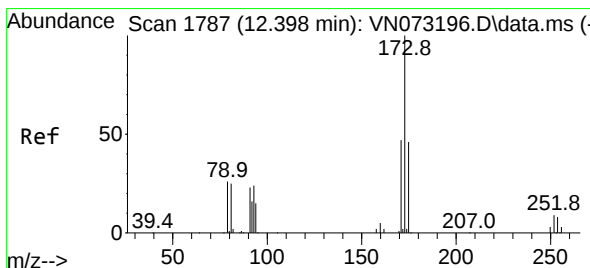
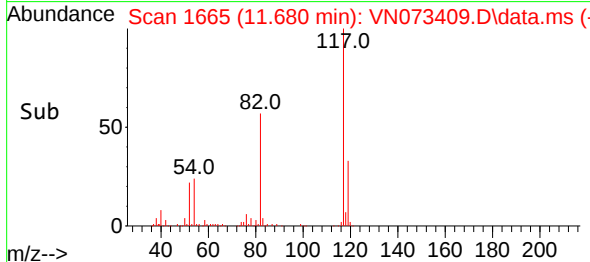
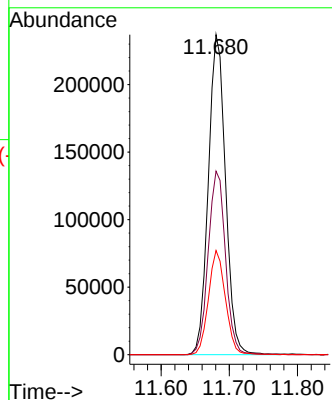
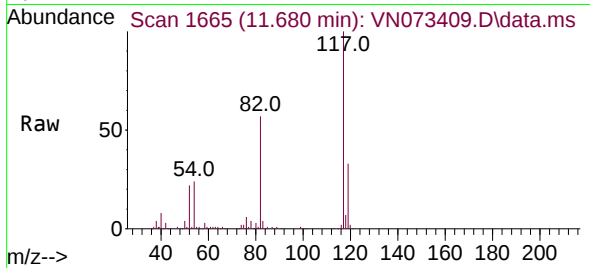




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073409.D
Acq: 11 Jul 2022 10:44

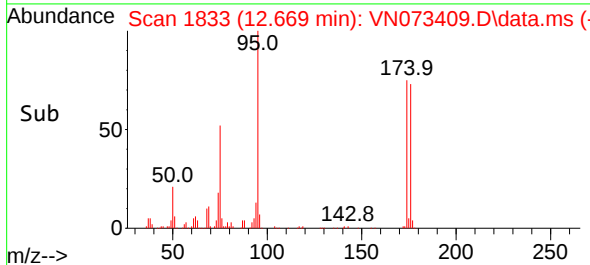
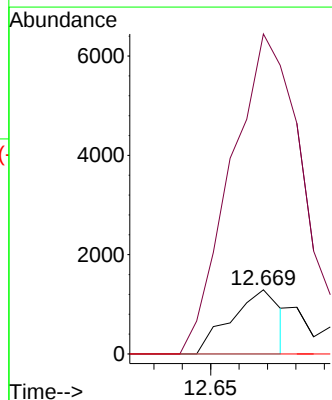
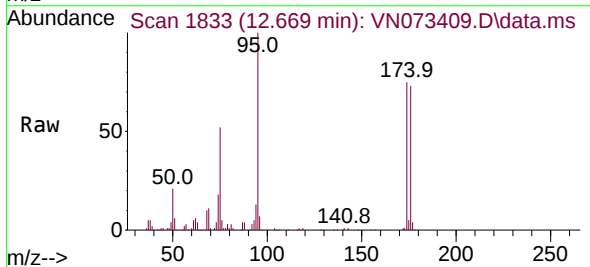
Instrument :
MSVOA_N
ClientSampleId :
VN0711MBL01

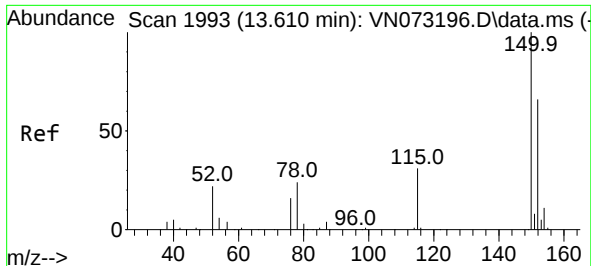
Tgt Ion:117 Resp: 415996
Ion Ratio Lower Upper
117 100
82 57.3 44.2 66.2
119 32.5 25.4 38.0



#71
Bromoform
Concen: 0.616 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN073409.D
Acq: 11 Jul 2022 10:44

Tgt Ion:173 Resp: 1561
Ion Ratio Lower Upper
173 100
175 534.5 24.6 73.6#
254 0.0 0.1 0.1#

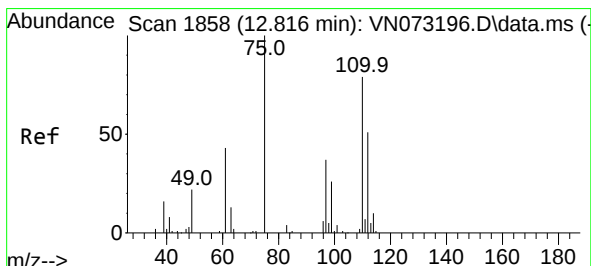
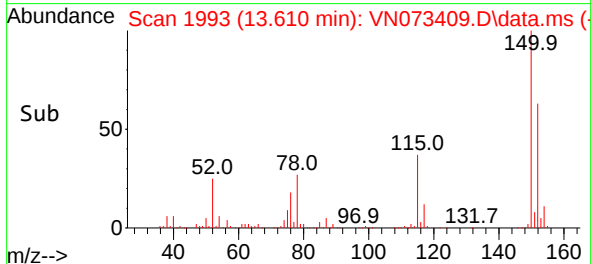
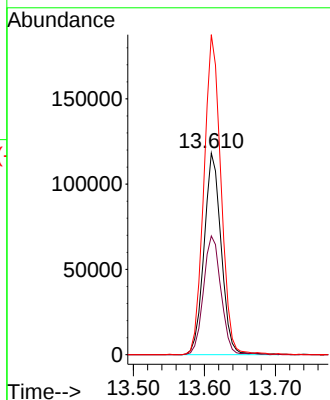
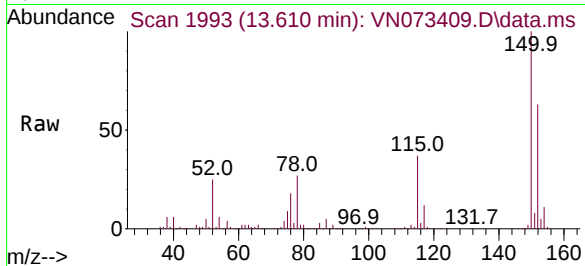




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: VN073409.D
 Acq: 11 Jul 2022 10:44

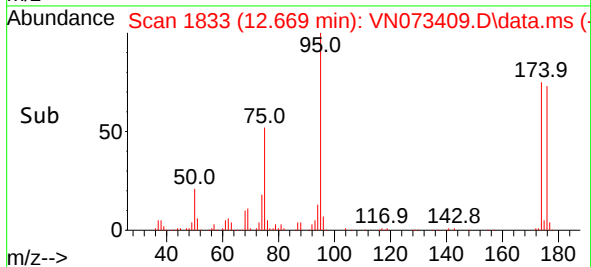
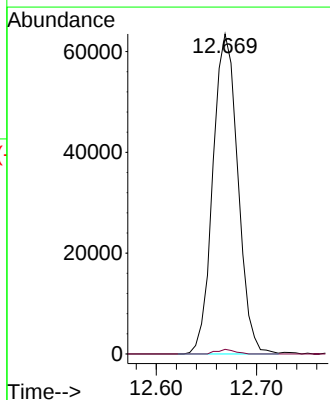
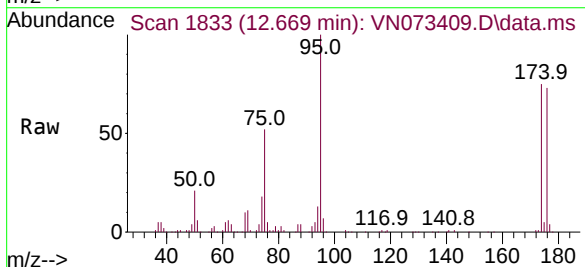
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0711MBL01

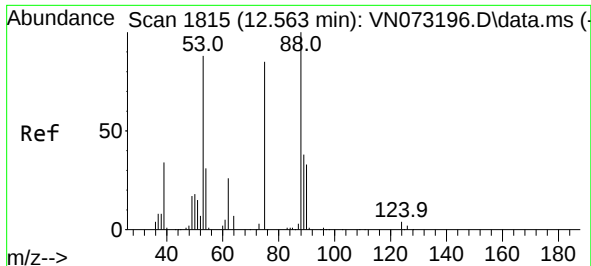
Tgt Ion:152 Resp: 197759
 Ion Ratio Lower Upper
 152 100
 115 60.3 28.9 86.7
 150 158.6 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 21.256 ug/l
 RT: 12.669 min Scan# 1833
 Delta R.T. -0.147 min
 Lab File: VN073409.D
 Acq: 11 Jul 2022 10:44

Tgt Ion: 75 Resp: 109915
 Ion Ratio Lower Upper
 75 100
 77 1.0 98.5 295.5#

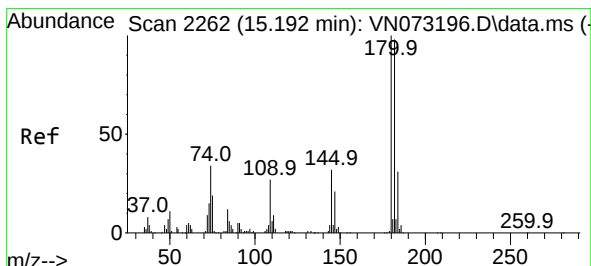
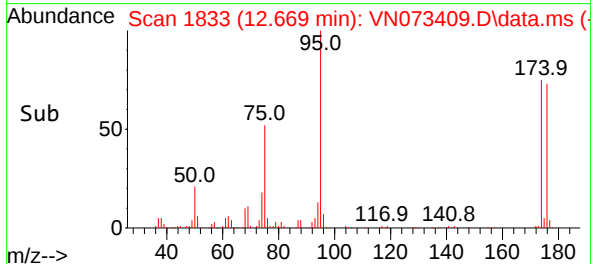
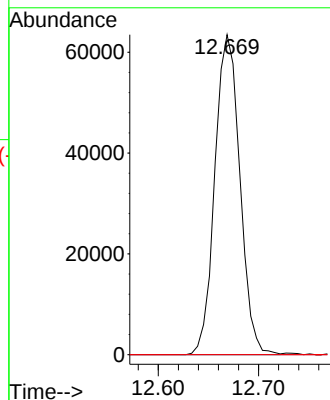
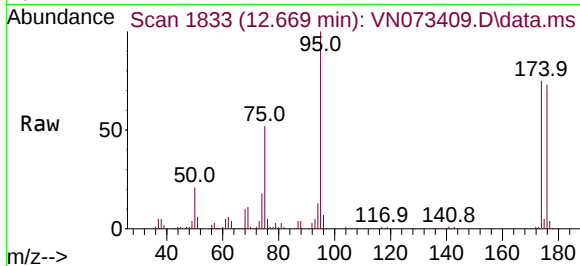




#81
trans-1,4-Dichloro-2-butene
Concen: 58.294 ug/l
RT: 12.669 min Scan# 1815
Delta R.T. 0.106 min
Lab File: VN073409.D
Acq: 11 Jul 2022 10:44

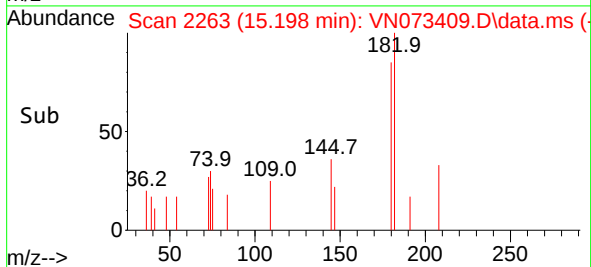
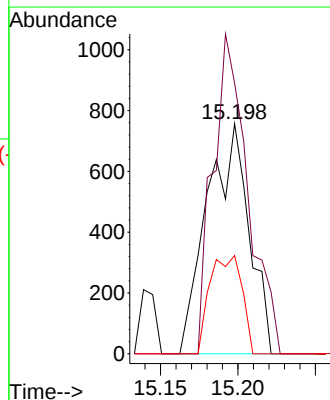
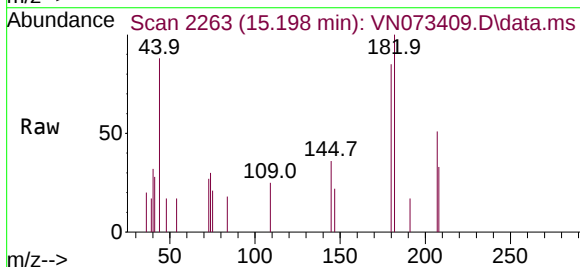
Instrument :
MSVOA_N
ClientSampleId :
VN0711MBL01

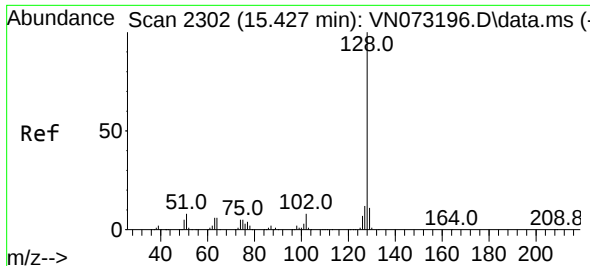
Tgt Ion: 75 Resp: 109915
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#93
1,2,4-Trichlorobenzene
Concen: 0.377 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. 0.006 min
Lab File: VN073409.D
Acq: 11 Jul 2022 10:44

Tgt Ion:180 Resp: 1423
Ion Ratio Lower Upper
180 100
182 115.5 47.5 142.5
145 32.7 14.5 43.5

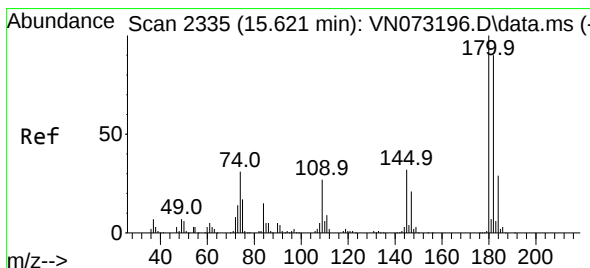
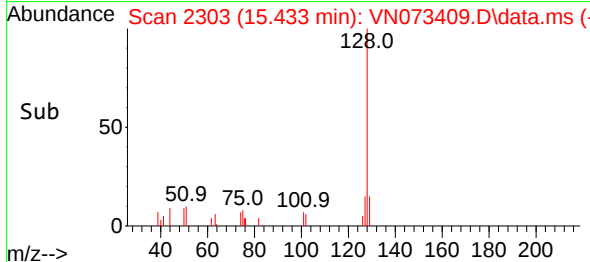
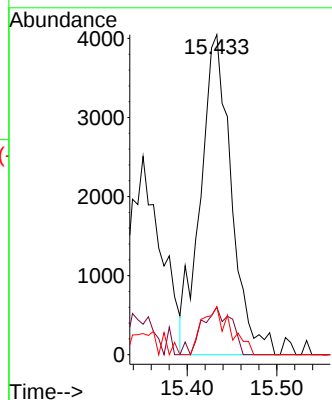
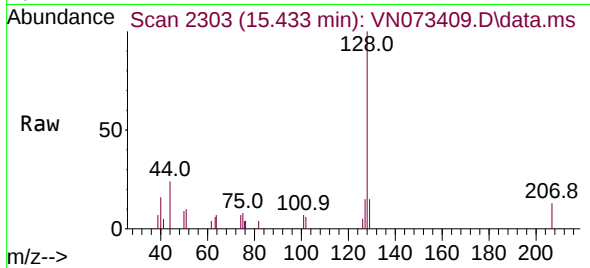




#95
Naphthalene
Concen: 0.634 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073409.D
Acq: 11 Jul 2022 10:44

Instrument :
MSVOA_N
ClientSampleId :
VN0711MBL01

Tgt Ion:128 Resp: 9669
Ion Ratio Lower Upper
128 100
127 14.1 10.3 15.5
129 13.9 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.480 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.006 min
Lab File: VN073409.D
Acq: 11 Jul 2022 10:44

Tgt Ion:180 Resp: 1871
Ion Ratio Lower Upper
180 100
182 102.9 47.8 143.3
145 35.8 15.5 46.5

