

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071522\
 Data File : VN073475.D
 Acq On : 15 Jul 2022 10:40
 Operator : JC\MD
 Sample : VN0715MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715MBL01

Quant Time: Jul 16 04:11:49 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)

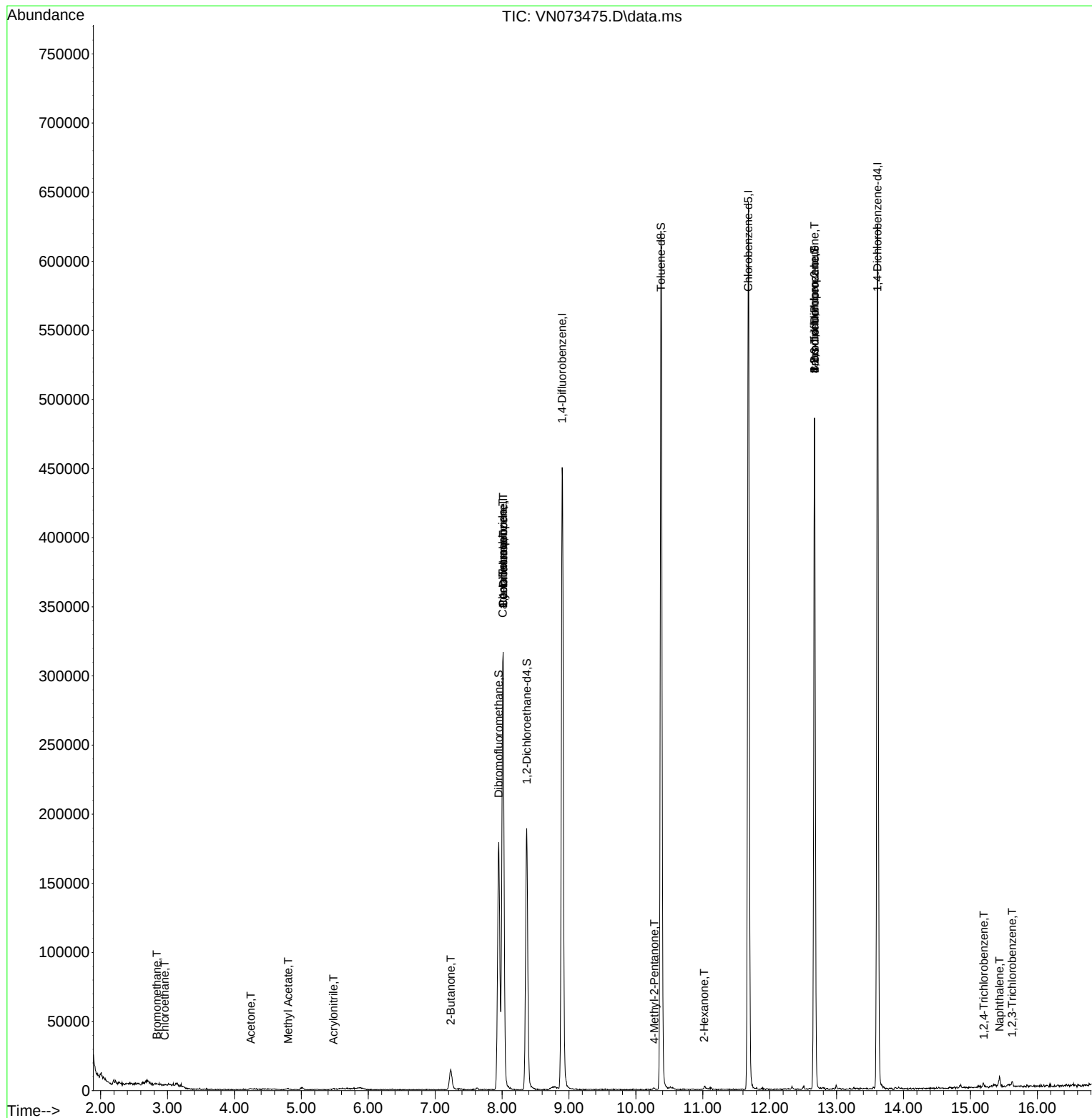
Internal Standards						
1) Pentafluorobenzene	8.016	168	235081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	393218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	361347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	163499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	158778	46.787	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.580%		
35) Dibromofluoromethane	7.951	113	133170	50.903	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.800%		
50) Toluene-d8	10.375	98	424703	45.708	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.420%		
62) 4-Bromofluorobenzene	12.669	95	170857	47.849	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.700%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.840	94	790	0.590	ug/l #	77
6) Chloroethane	2.957	64	445	0.267	ug/l #	42
15) Acrylonitrile	5.481	53	449	0.212	ug/l #	85
16) Acetone	4.246	43	1841	0.966	ug/l #	42
18) Methyl Acetate	4.804	43	1276	0.239	ug/l #	48
25) 2-Butanone	7.234	43	734	0.242	ug/l #	45
31) Cyclohexane	8.016	56	5404	0.972	ug/l #	32
36) 1,1-Dichloropropene	8.016	75	20366	5.059	ug/l #	50
38) Carbon Tetrachloride	8.010	117	25198	6.053	ug/l #	17
51) 4-Methyl-2-Pentanone	10.275	43	1481	0.267	ug/l #	63
59) 2-Hexanone	11.022	43	3071	0.727	ug/l #	46
71) Bromoform	12.669	173	938	0.426	ug/l #	28
76) 1,2,3-Trichloropropane	12.669	75	88217	20.635	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	88217	56.590	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.198	180	1496	0.479	ug/l #	23
95) Naphthalene	15.433	128	7139	0.567	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.621	180	2071	0.643	ug/l #	65

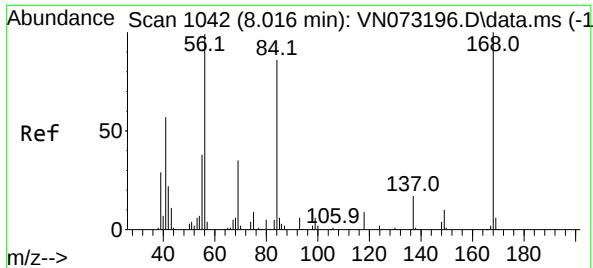
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 16 04:11:49 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

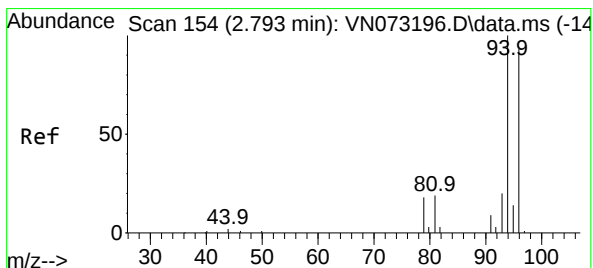
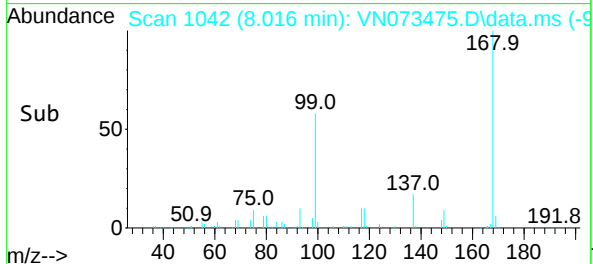
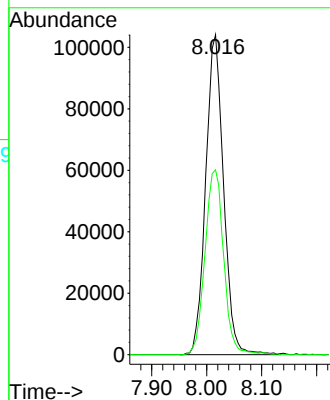
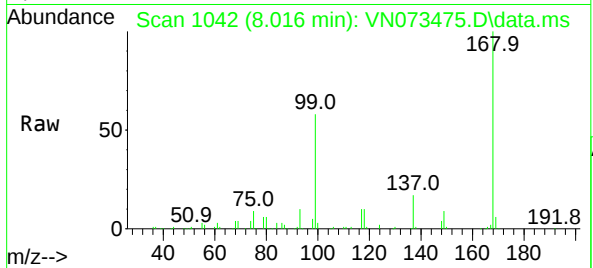




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073475.D
Acq: 15 Jul 2022 10:40

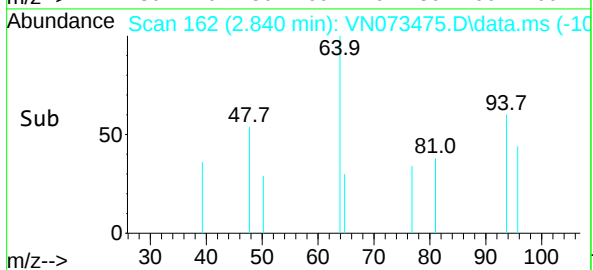
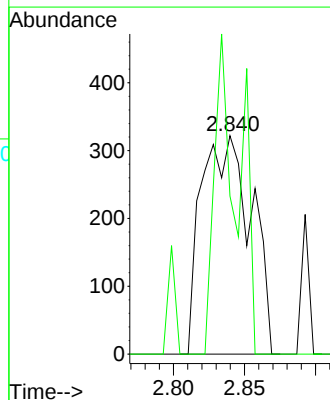
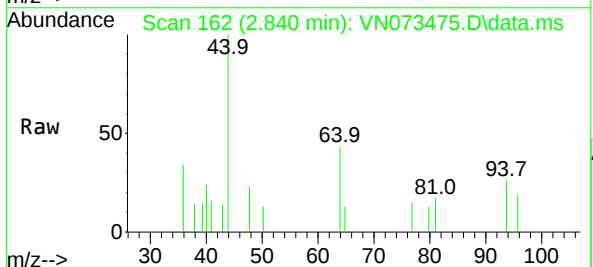
Instrument :
MSVOA_N
ClientSampleId :
VN0715MBL01

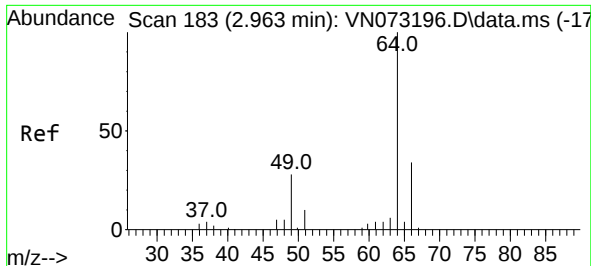
Tgt Ion:168 Resp: 235081
Ion Ratio Lower Upper
168 100
99 57.8 42.3 63.5



#5
Bromomethane
Concen: 0.590 ug/l
RT: 2.840 min Scan# 162
Delta R.T. 0.047 min
Lab File: VN073475.D
Acq: 15 Jul 2022 10:40

Tgt Ion: 94 Resp: 790
Ion Ratio Lower Upper
94 100
96 72.4 76.0 114.0#

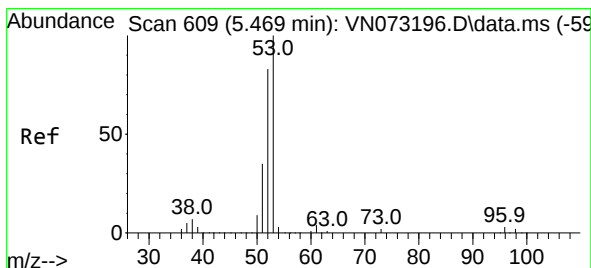
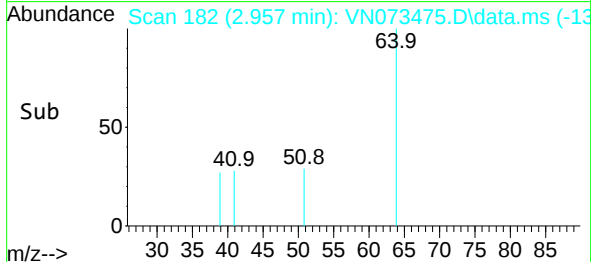
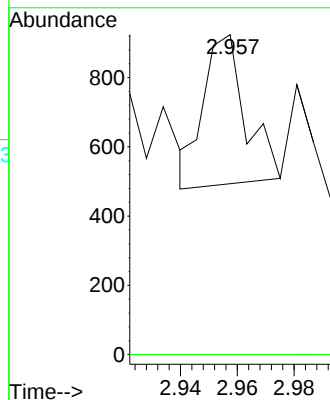
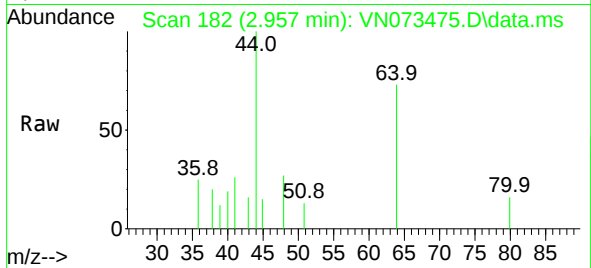




#6
Chloroethane
Concen: 0.267 ug/l
RT: 2.957 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073475.D
Acq: 15 Jul 2022 10:40

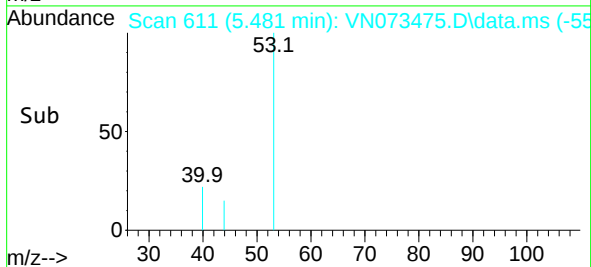
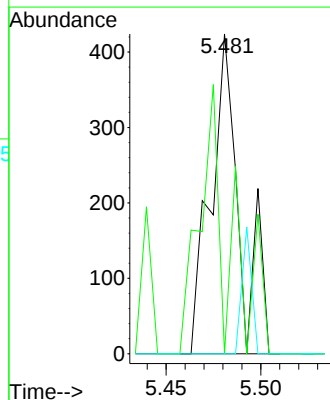
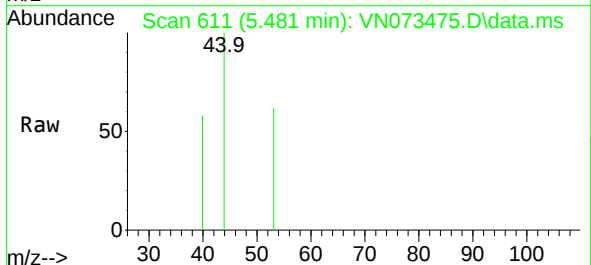
Instrument :
MSVOA_N
ClientSampleId :
VN0715MBL01

Tgt Ion: 64 Resp: 445
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#15
Acrylonitrile
Concen: 0.212 ug/l
RT: 5.481 min Scan# 611
Delta R.T. 0.012 min
Lab File: VN073475.D
Acq: 15 Jul 2022 10:40

Tgt Ion: 53 Resp: 449
Ion Ratio Lower Upper
53 100
52 87.8 66.4 99.6
51 13.1 28.5 42.7#

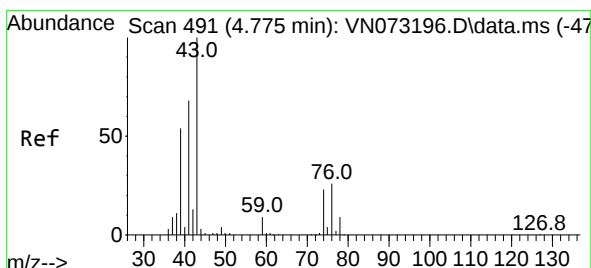
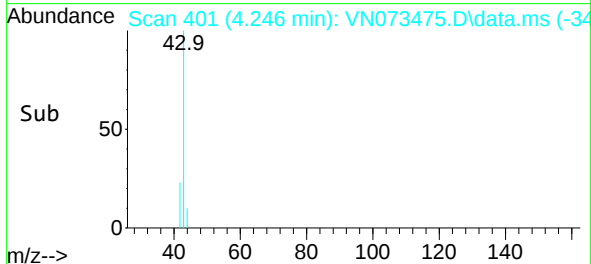
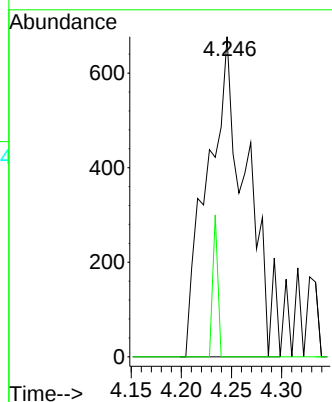
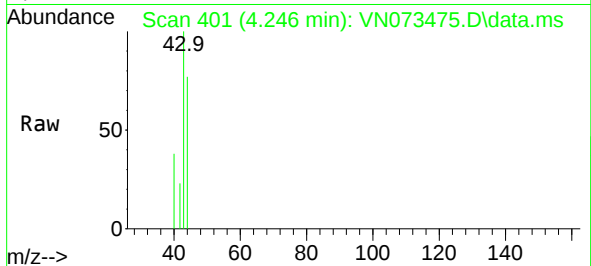




#16
Acetone
Concen: 0.966 ug/l
RT: 4.246 min Scan# 401
Delta R.T. 0.024 min
Lab File: VN073475.D
Acq: 15 Jul 2022 10:40

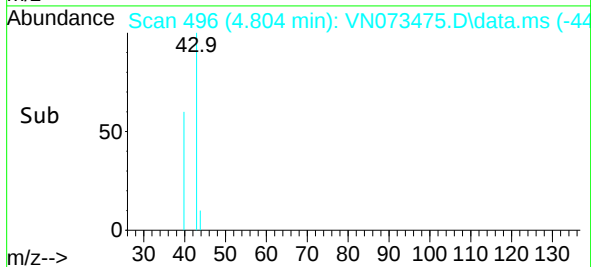
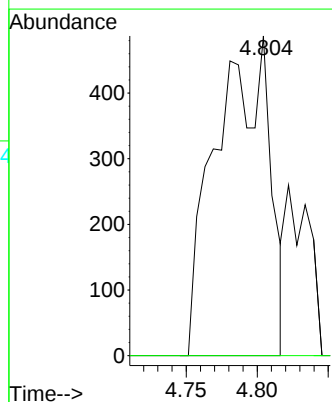
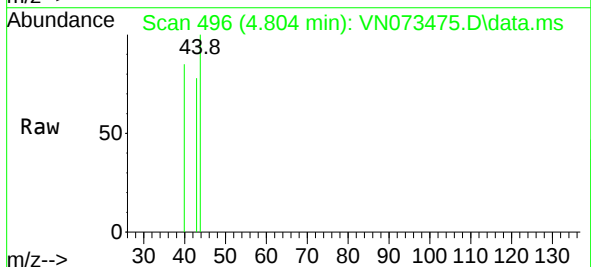
Instrument :
MSVOA_N
ClientSampleId :
VN0715MBL01

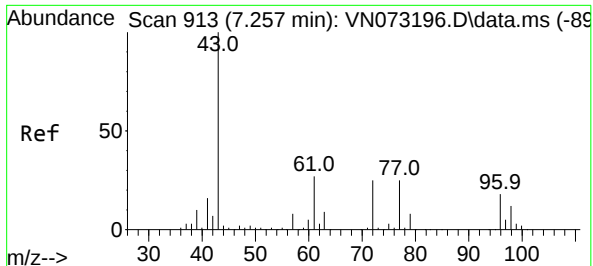
Tgt Ion: 43 Resp: 1841
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#18
Methyl Acetate
Concen: 0.239 ug/l
RT: 4.804 min Scan# 496
Delta R.T. 0.029 min
Lab File: VN073475.D
Acq: 15 Jul 2022 10:40

Tgt Ion: 43 Resp: 1276
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#

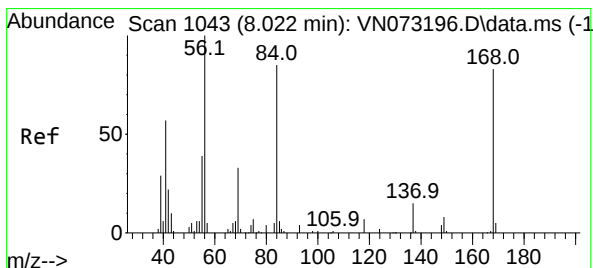
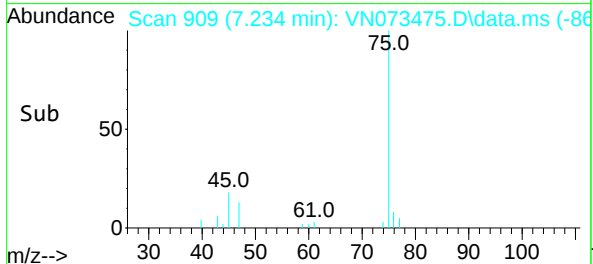
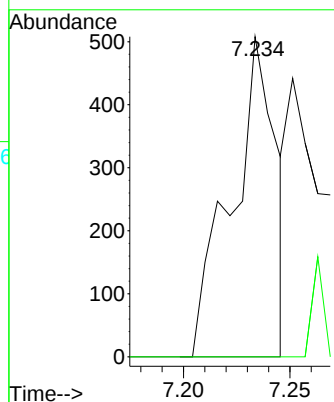
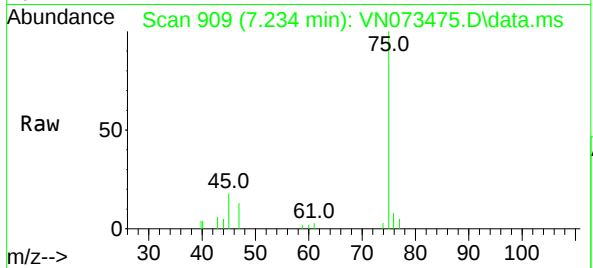




#25
2-Butanone
Concen: 0.242 ug/l
RT: 7.234 min Scan# 909
Delta R.T. -0.023 min
Lab File: VN073475.D
Acq: 15 Jul 2022 10:40

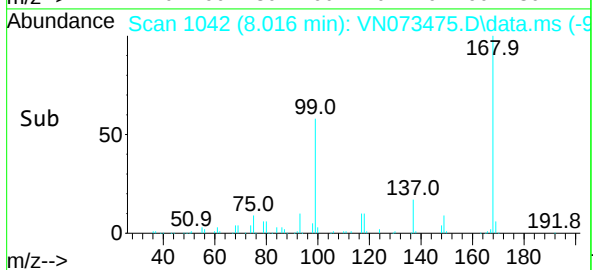
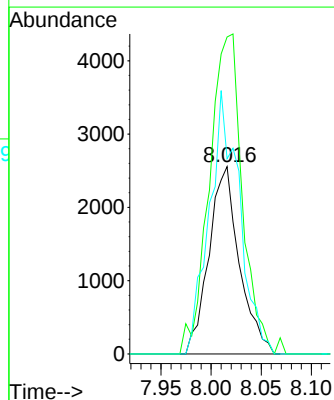
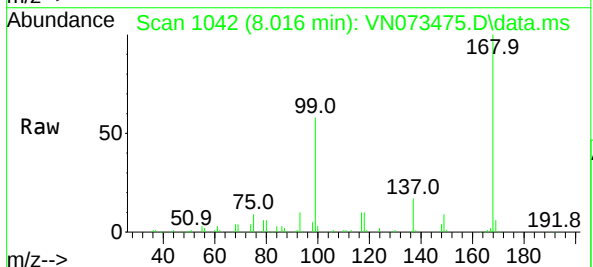
Instrument :
MSVOA_N
ClientSampleId :
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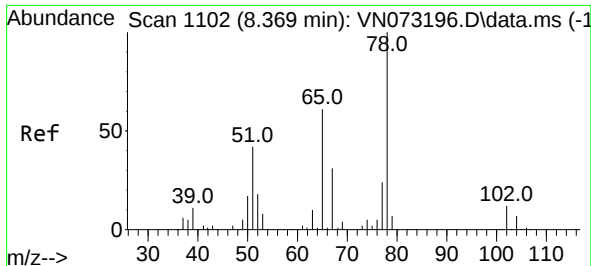
Tgt Ion: 43 Resp: 734
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 0.972 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073475.D
Acq: 15 Jul 2022 10:40

Tgt Ion: 56 Resp: 5404
Ion Ratio Lower Upper
56 100
69 169.1 27.8 41.8#
84 104.1 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 46.787 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073475.D

Acq: 15 Jul 2022 10:40

Instrument :

MSVOA_N

ClientSampleId :

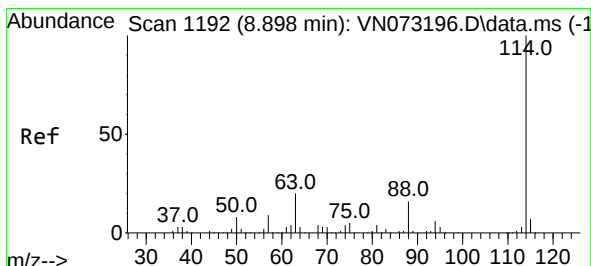
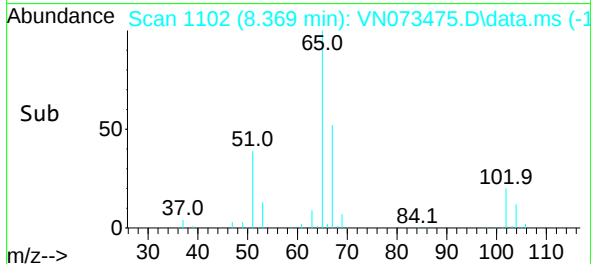
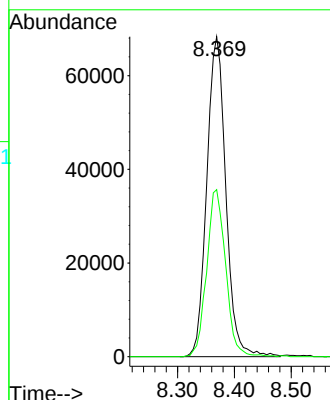
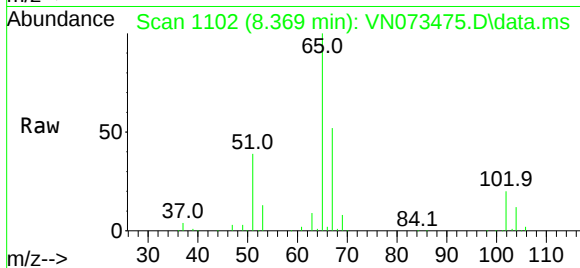
VN0715MBL01

Tgt Ion: 65 Resp: 158778

Ion Ratio Lower Upper

65 100

67 52.0 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: VN073475.D

Acq: 15 Jul 2022 10:40

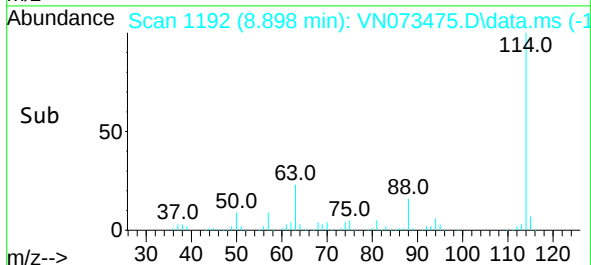
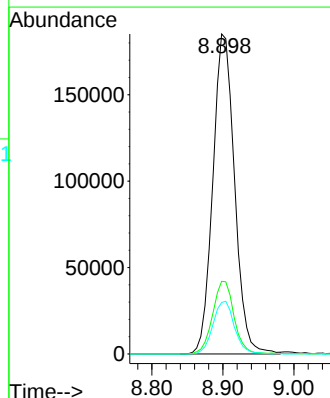
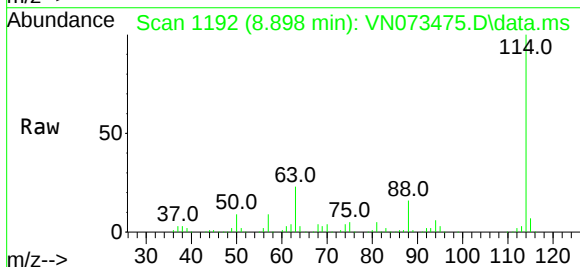
Tgt Ion: 114 Resp: 393218

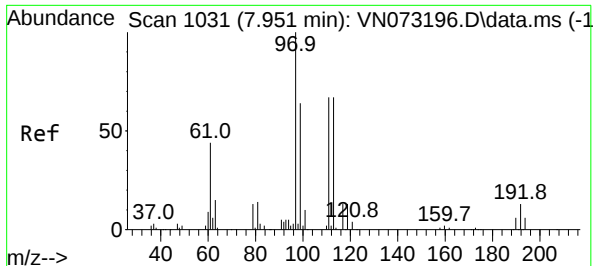
Ion Ratio Lower Upper

114 100

63 22.7 0.0 40.0

88 16.1 0.0 32.6

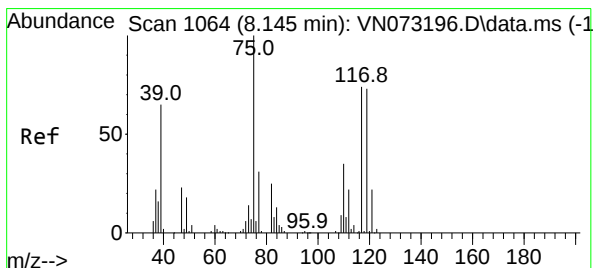
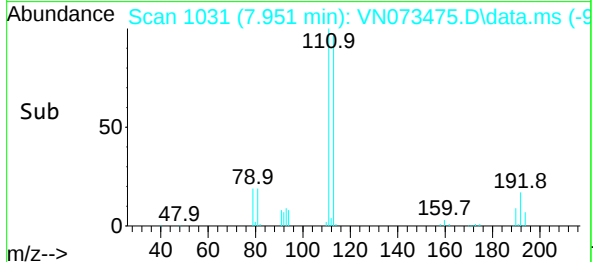
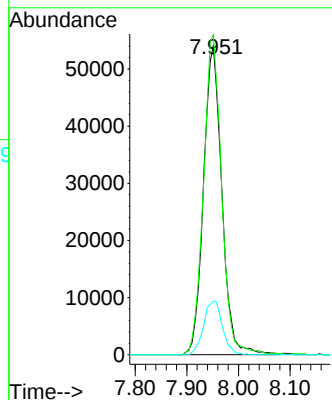
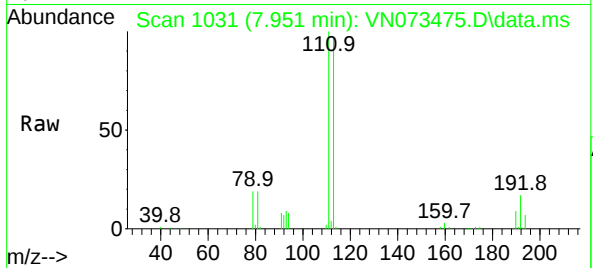




#35
Dibromofluoromethane
Concen: 50.903 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073475.D
Acq: 15 Jul 2022 10:40

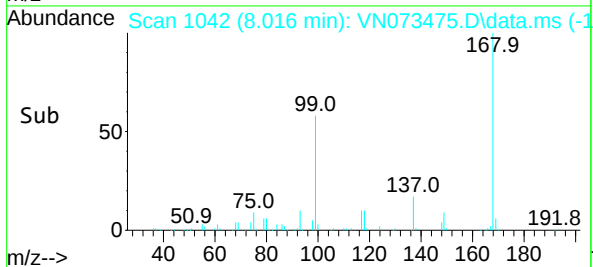
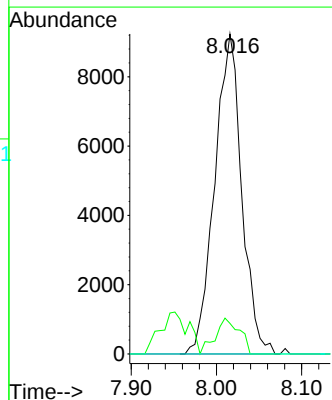
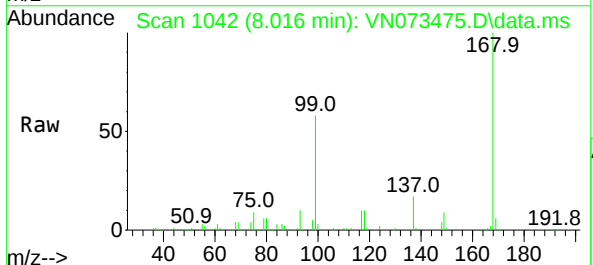
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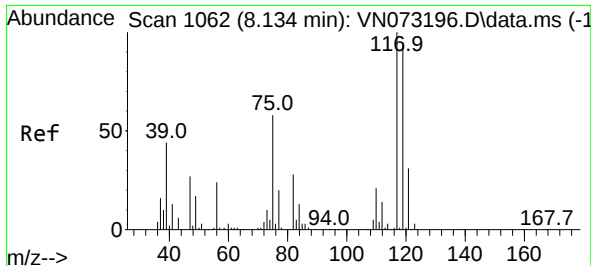
Tgt Ion:113 Resp: 133170
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 17.8 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.059 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.129 min
Lab File: VN073475.D
Acq: 15 Jul 2022 10:40

Tgt Ion: 75 Resp: 20366
Ion Ratio Lower Upper
75 100
110 10.0 18.3 54.8#
77 0.0 25.1 37.7#

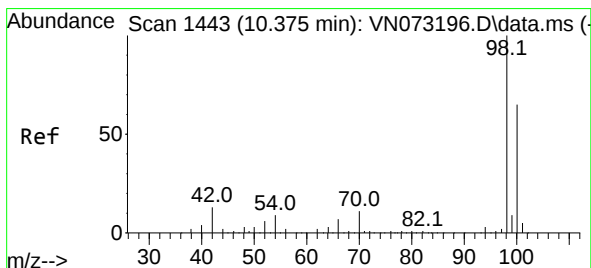
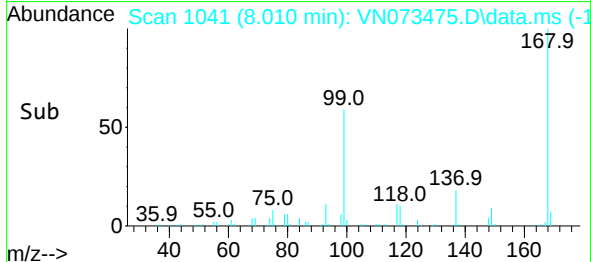
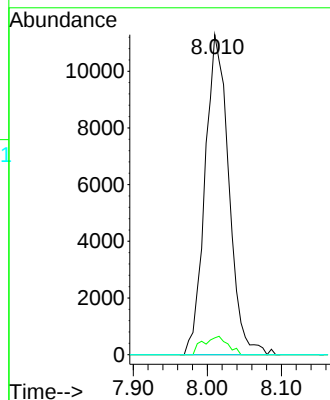
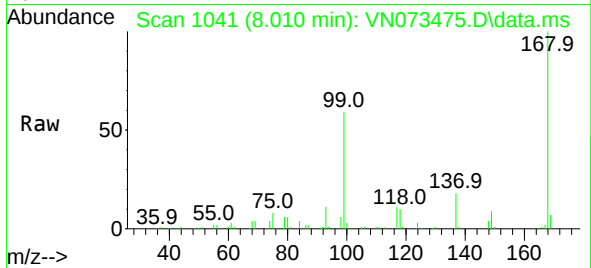




#38
Carbon Tetrachloride
Concen: 6.053 ug/l
RT: 8.010 min Scan# 1062
Delta R.T. -0.124 min
Lab File: VN073475.D
Acq: 15 Jul 2022 10:40

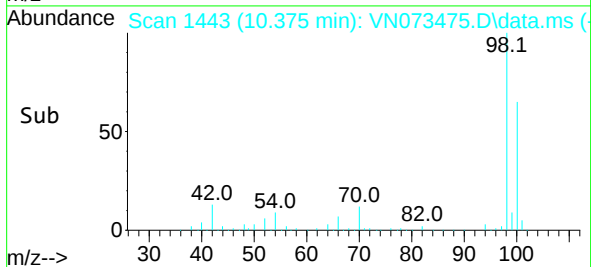
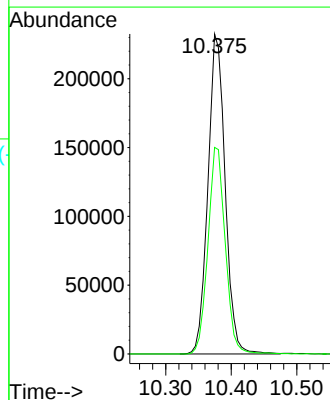
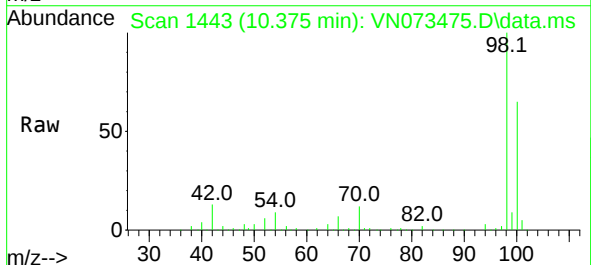
Instrument :
MSVOA_N
ClientSampleId :
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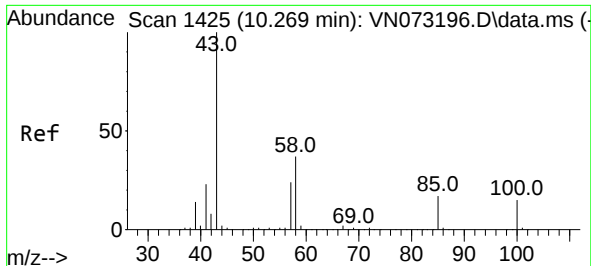
Tgt Ion:117 Resp: 25198
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 45.708 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073475.D
Acq: 15 Jul 2022 10:40

Tgt Ion: 98 Resp: 424703
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8

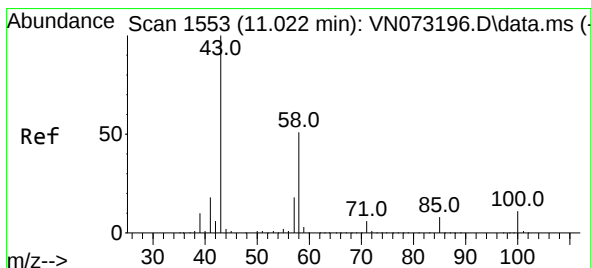
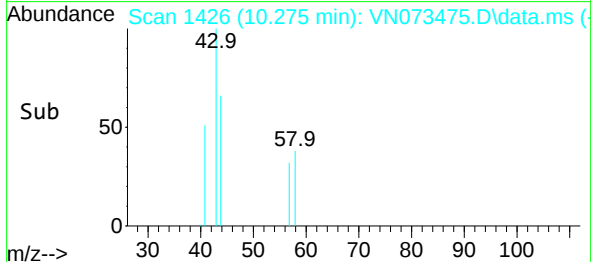
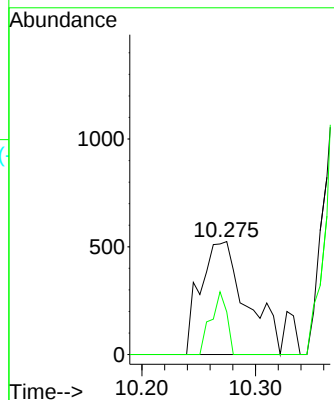
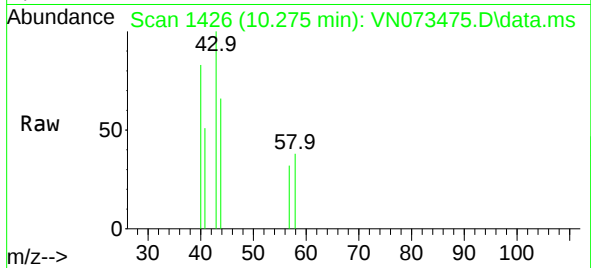




#51
4-Methyl-2-Pentanone
Concen: 0.267 ug/l
RT: 10.275 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VN073475.D
Acq: 15 Jul 2022 10:40

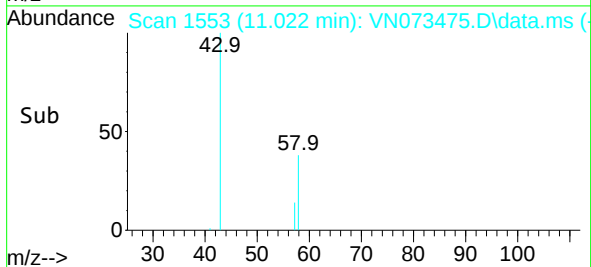
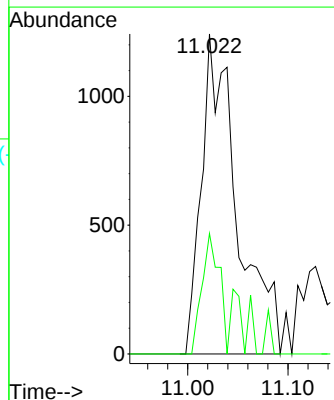
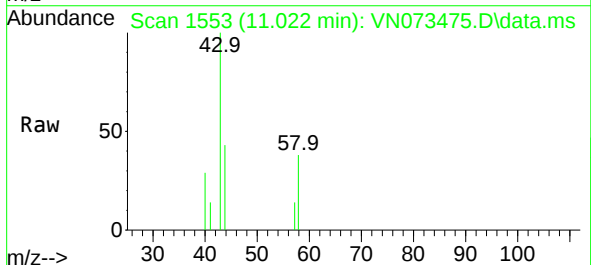
Instrument :
MSVOA_N
ClientSampleId :
VN0715MBL01

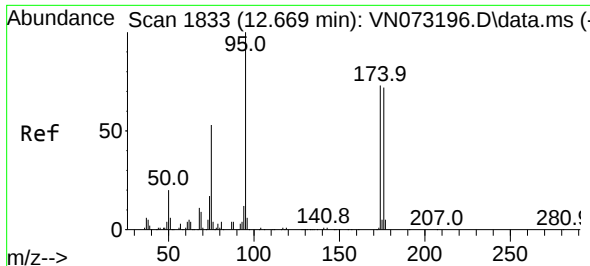
Tgt Ion: 43 Resp: 1481
Ion Ratio Lower Upper
43 100
58 19.2 34.1 51.1#



#59
2-Hexanone
Concen: 0.727 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. -0.000 min
Lab File: VN073475.D
Acq: 15 Jul 2022 10:40

Tgt Ion: 43 Resp: 3071
Ion Ratio Lower Upper
43 100
58 18.5 29.7 89.1#

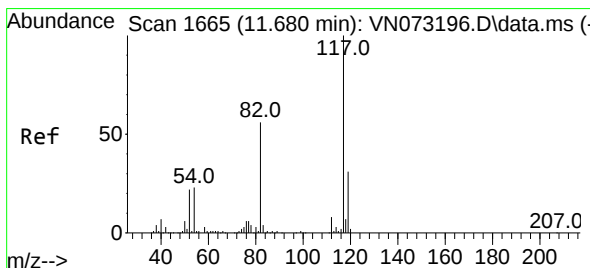
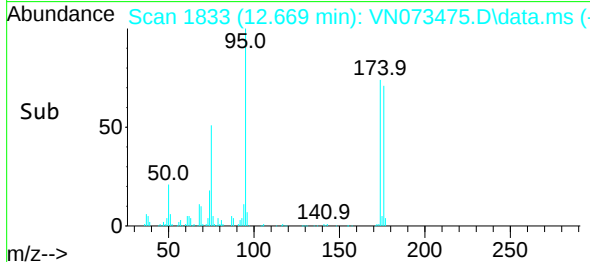
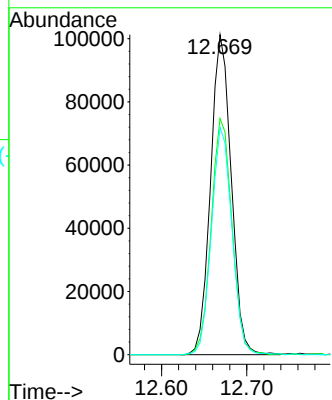
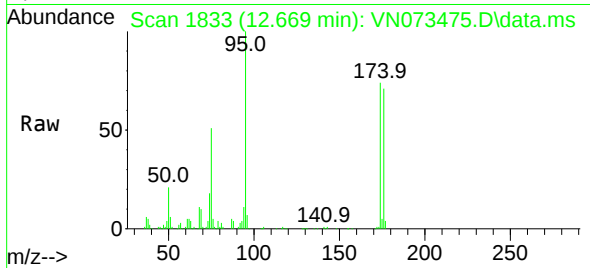




#62
4-Bromofluorobenzene
Concen: 47.849 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073475.D
Acq: 15 Jul 2022 10:40

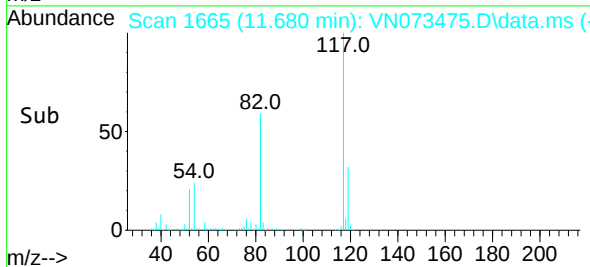
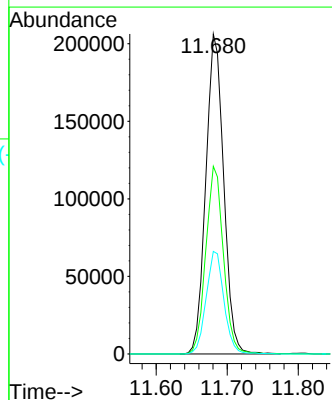
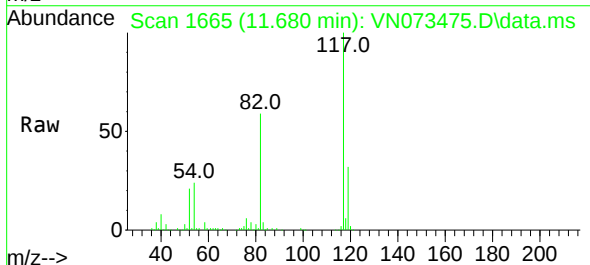
Instrument :
MSVOA_N
ClientSampleId :
VN0715MBL01

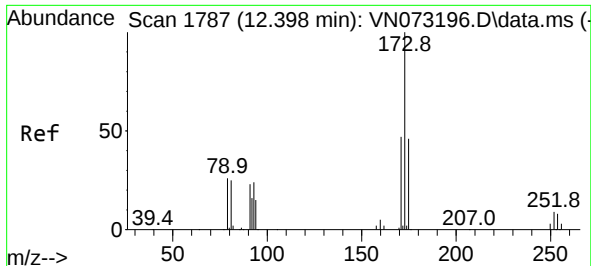
Tgt Ion: 95 Resp: 170857
Ion Ratio Lower Upper
95 100
174 74.2 0.0 167.6
176 70.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073475.D
Acq: 15 Jul 2022 10:40

Tgt Ion: 117 Resp: 361347
Ion Ratio Lower Upper
117 100
82 58.6 44.2 66.2
119 32.1 25.4 38.0

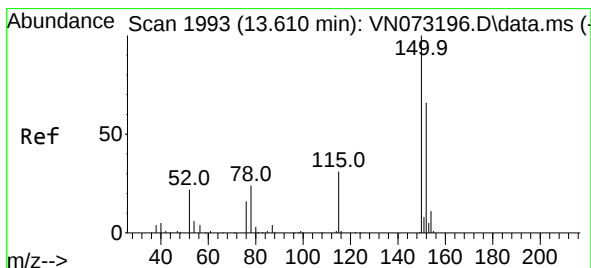
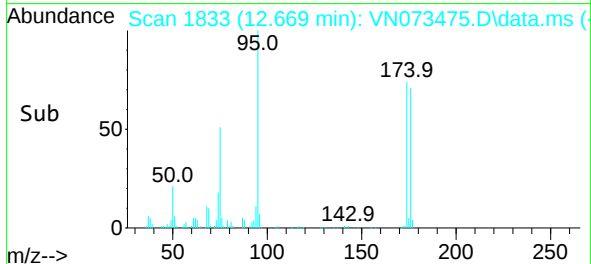
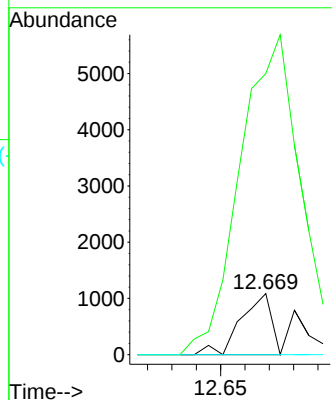
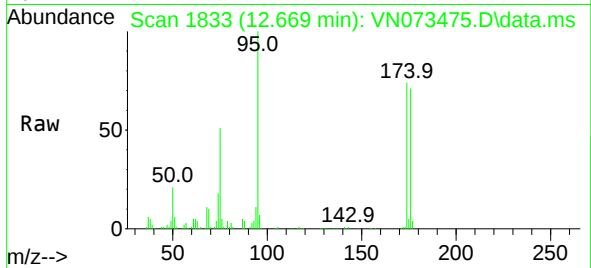




#71
Bromoform
Concen: 0.426 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN073475.D
Acq: 15 Jul 2022 10:40

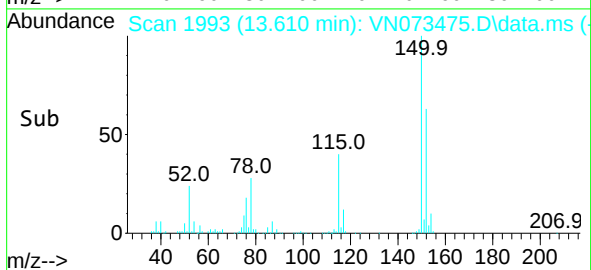
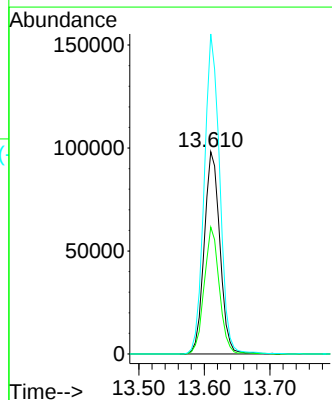
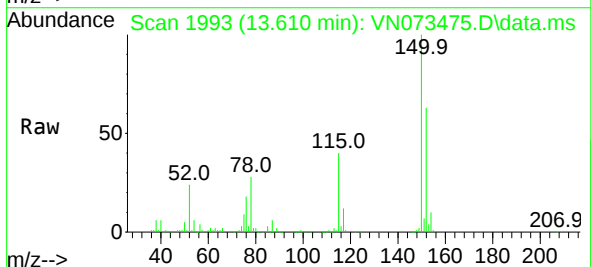
Instrument :
MSVOA_N
ClientSampleId :
VN0715MBL01

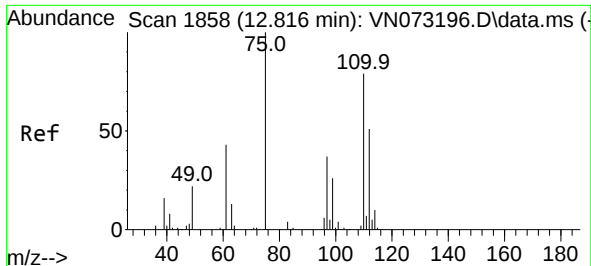
Tgt Ion:173 Resp: 938
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073475.D
Acq: 15 Jul 2022 10:40

Tgt Ion:152 Resp: 163499
Ion Ratio Lower Upper
152 100
115 60.7 28.9 86.7
150 156.4 0.0 356.2

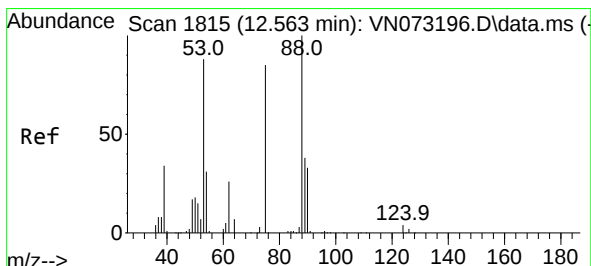
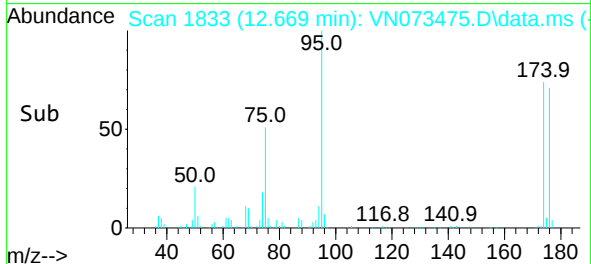
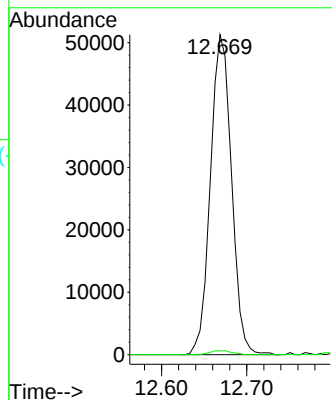
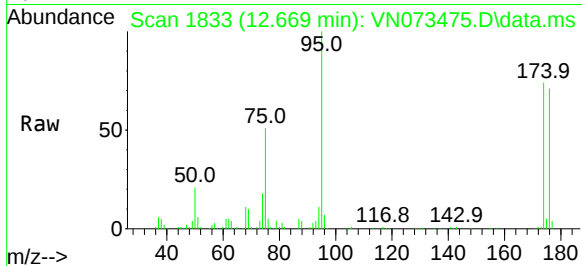




#76
1,2,3-Trichloropropane
Concen: 20.635 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073475.D
Acq: 15 Jul 2022 10:40

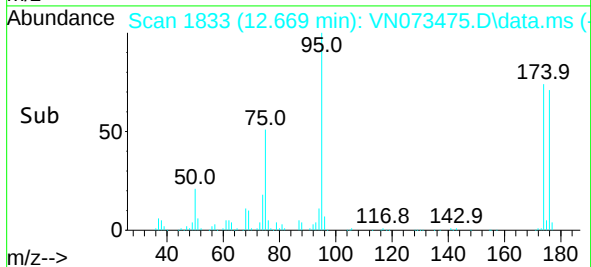
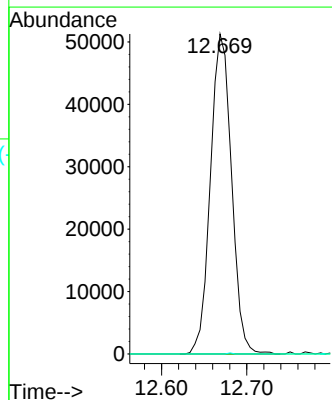
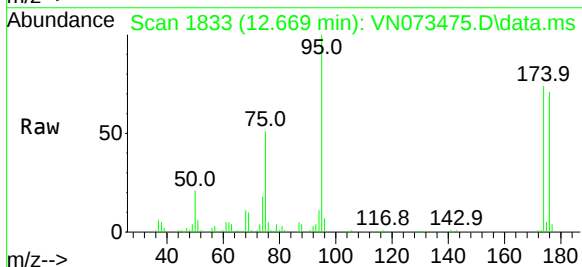
Instrument :
MSVOA_N
ClientSampleId :
VN0715MBL01

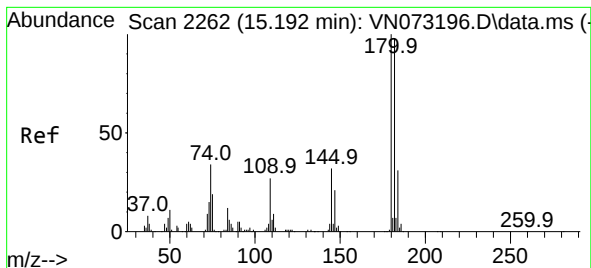
Tgt Ion: 75 Resp: 88217
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.590 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073475.D
Acq: 15 Jul 2022 10:40

Tgt Ion: 75 Resp: 88217
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 37.2 55.8#





#93

1,2,4-Trichlorobenzene

Concen: 0.479 ug/l

RT: 15.198 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073475.D

Acq: 15 Jul 2022 10:40

Instrument :

MSVOA_N

ClientSampleId :

VN0715MBL01

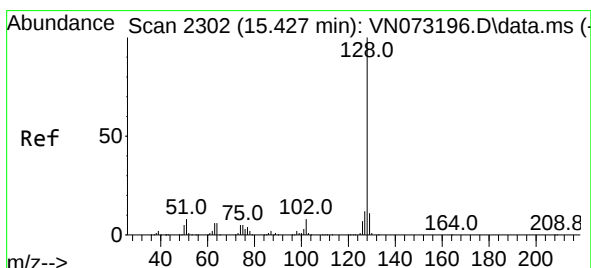
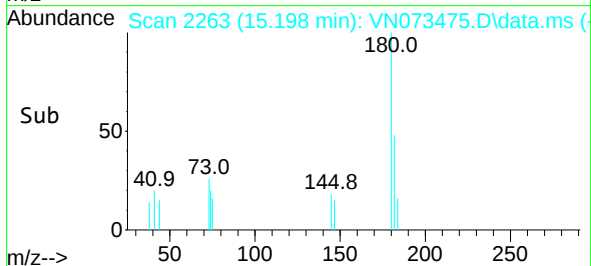
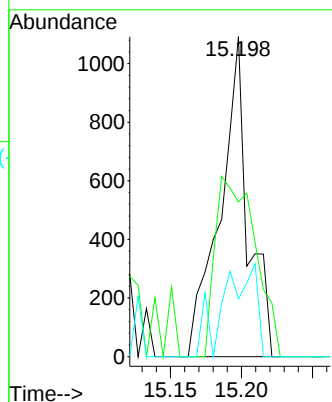
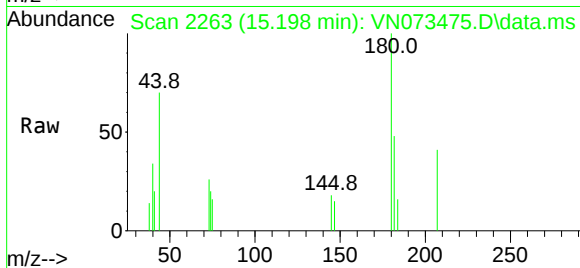
Tgt Ion:180 Resp: 1496

Ion Ratio Lower Upper

180 100

182 0.0 47.5 142.5#

145 34.4 14.5 43.5



#95

Naphthalene

Concen: 0.567 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN073475.D

Acq: 15 Jul 2022 10:40

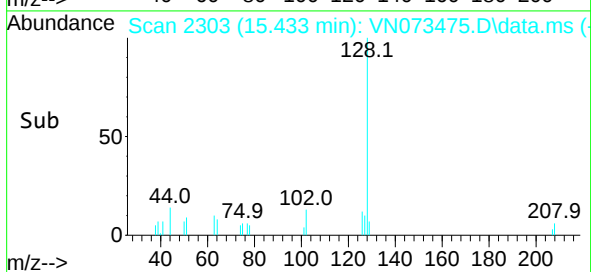
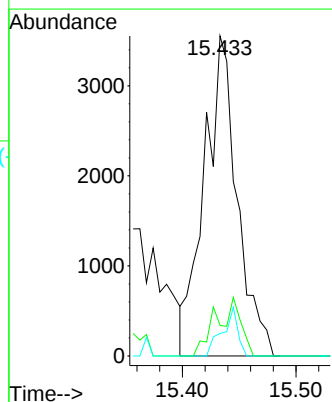
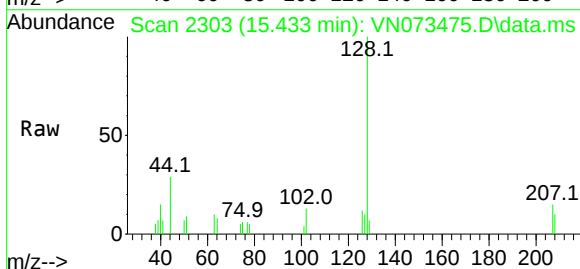
Tgt Ion:128 Resp: 7139

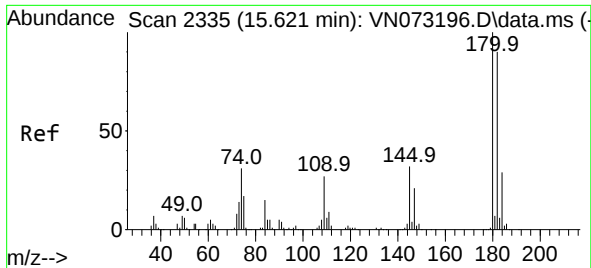
Ion Ratio Lower Upper

128 100

127 13.7 10.3 15.5

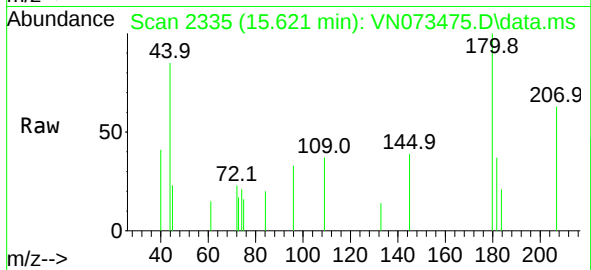
129 7.1 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.643 ug/l
 RT: 15.621 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN073475.D
 Acq: 15 Jul 2022 10:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715MBL01



Tgt Ion:180 Resp: 2071
 Ion Ratio Lower Upper
 180 100
 182 61.7 47.8 143.3
 145 10.9 15.5 46.5#

