

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
 Data File : VN071702.D
 Acq On : 31 Mar 2022 12:19
 Operator : JC\MD
 Sample : VN0331WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBL02

Quant Time: Apr 01 01:37:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

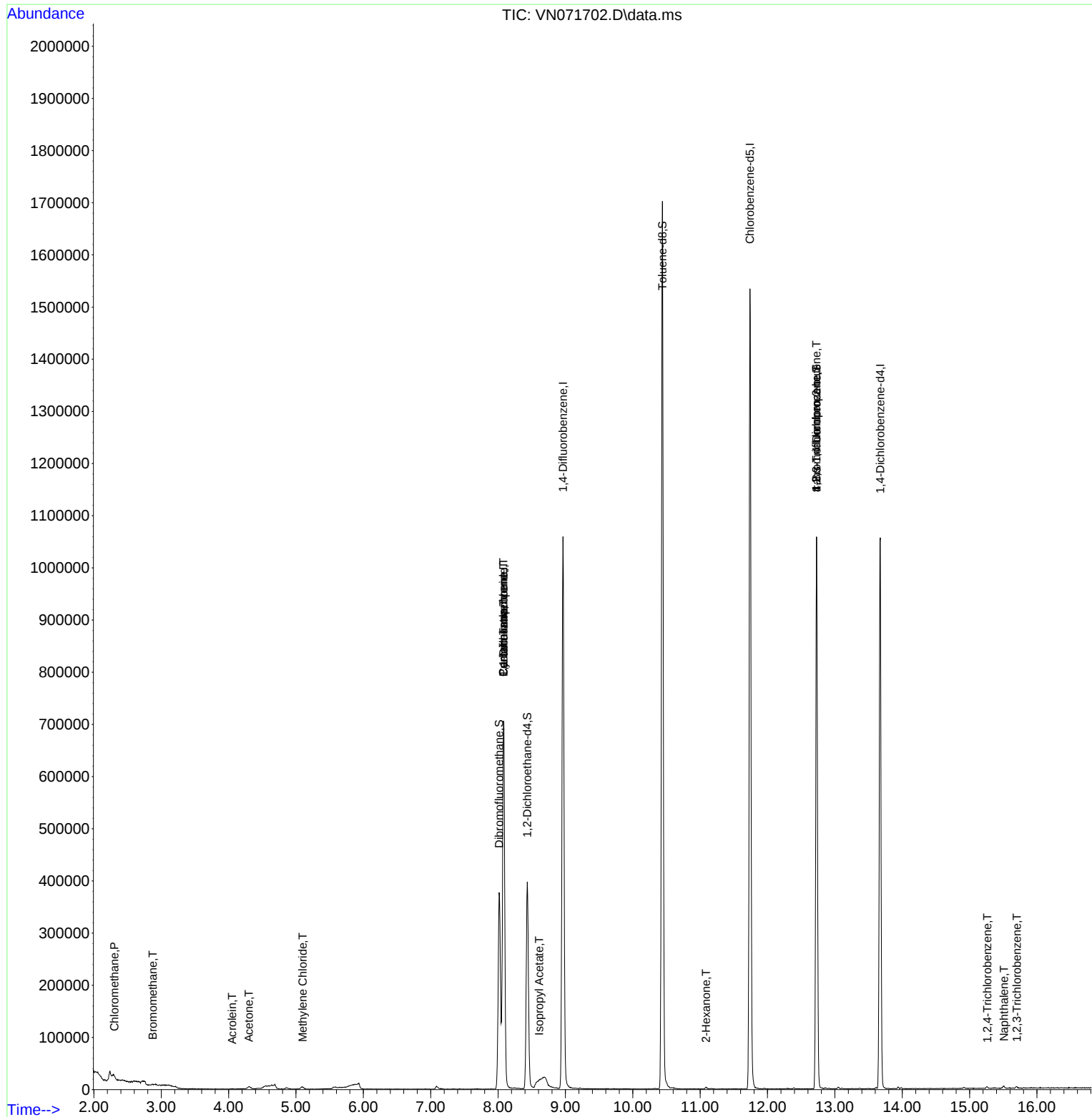
Internal Standards						
1) Pentafluorobenzene	8.081	168	590972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	988443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	967214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	314070	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	335147	49.676	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.360%		
35) Dibromofluoromethane	8.016	113	281366	48.374	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.740%		
50) Toluene-d8	10.439	98	1218378	51.206	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.420%		
62) 4-Bromofluorobenzene	12.727	95	380016	49.383	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.760%		
Target Compounds						Qvalue
3) Chloromethane	2.305	50	1840	0.309	ug/l #	82
5) Bromomethane	2.875	94	1395	0.328	ug/l #	68
13) Acrolein	4.051	56	761	0.570	ug/l #	41
16) Acetone	4.299	43	3572	1.239	ug/l #	82
18) Methyl Acetate	4.863	43	5258	Below Cal		91
20) Methylene Chloride	5.098	84	3752	0.617	ug/l #	85
31) Cyclohexane	8.081	56	9833	1.072	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	40236	4.954	ug/l #	48
38) Carbon Tetrachloride	8.081	117	52936	6.650	ug/l #	16
43) Isopropyl Acetate	8.610	43	21910	1.482	ug/l #	53
59) 2-Hexanone	11.086	43	3045	0.509	ug/l	90
76) 1,2,3-Trichloropropane	12.727	75	186709	25.662	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	186709	79.526	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.263	180	1301	2.335	ug/l #	85
95) Naphthalene	15.510	128	4891	4.119	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.704	180	1643	2.737	ug/l	93

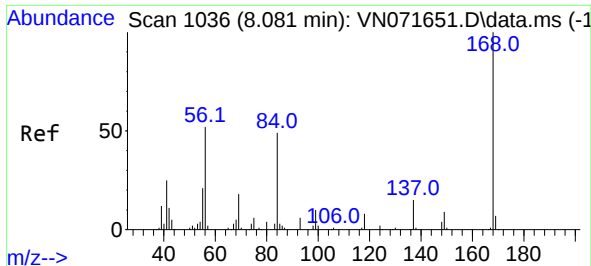
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
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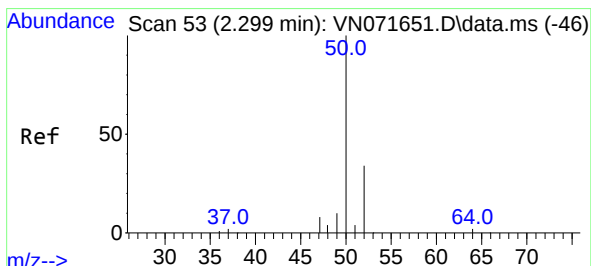
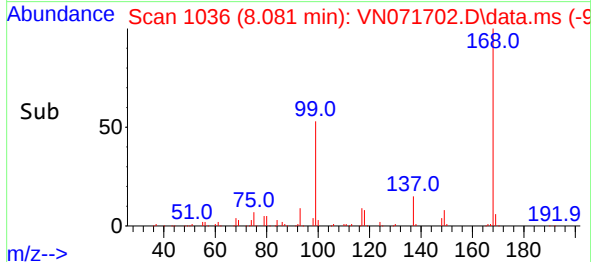
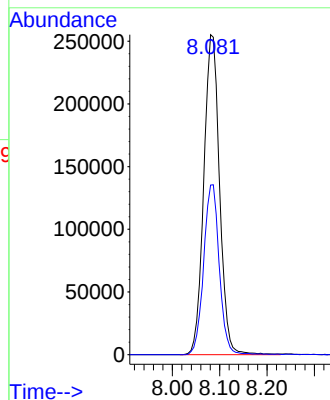
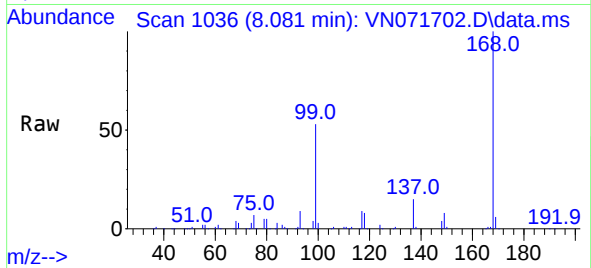




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071702.D
Acq: 31 Mar 2022 12:19

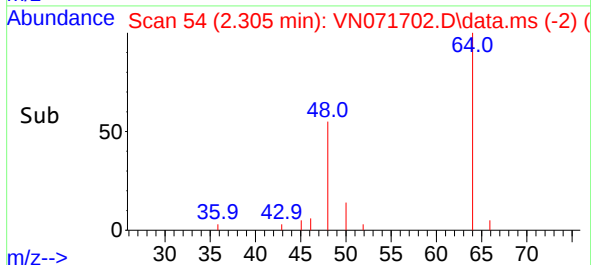
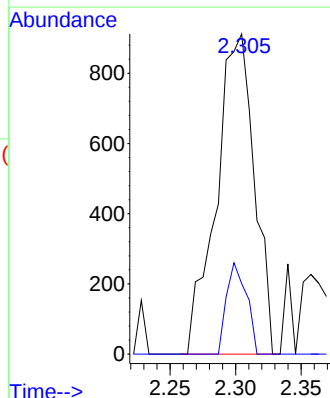
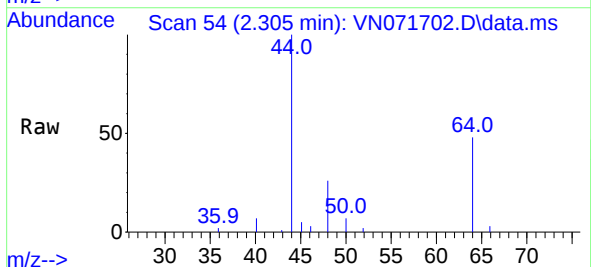
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBL02

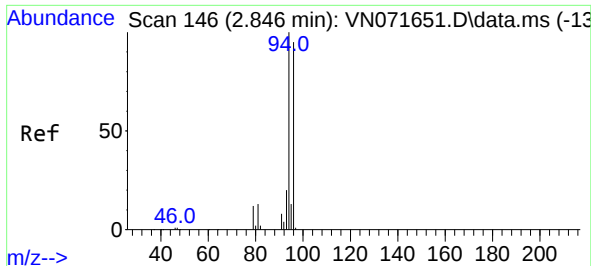
Tgt Ion:168 Resp: 590972
Ion Ratio Lower Upper
168 100
99 53.0 42.3 63.5



#3
Chloromethane
Concen: 0.309 ug/l
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN071702.D
Acq: 31 Mar 2022 12:19

Tgt Ion: 50 Resp: 1840
Ion Ratio Lower Upper
50 100
52 22.0 25.7 38.5#

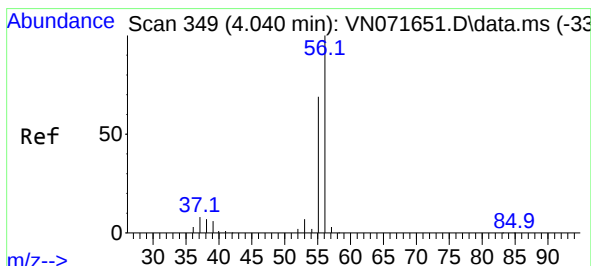
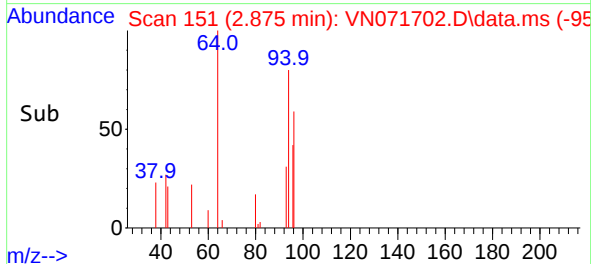
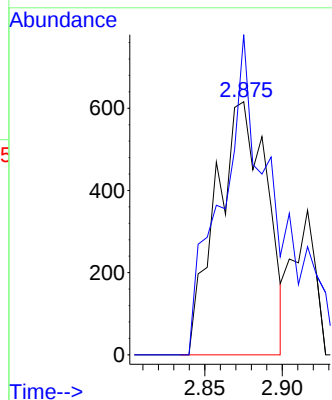
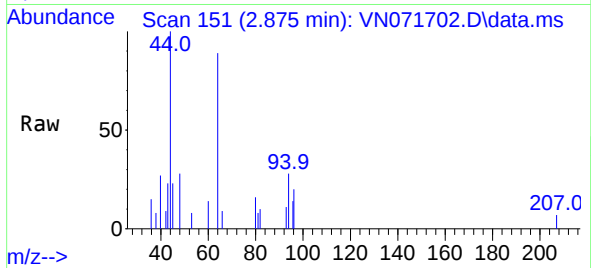




#5
Bromomethane
Concen: 0.328 ug/l
RT: 2.875 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN071702.D
Acq: 31 Mar 2022 12:19

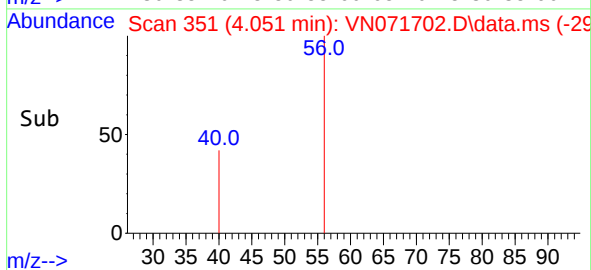
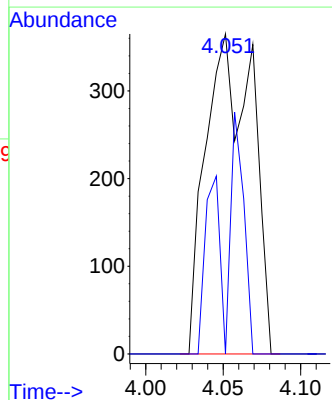
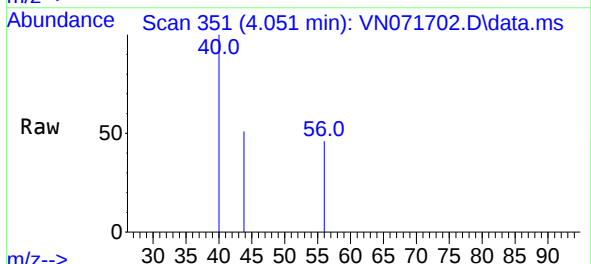
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBL02

Tgt Ion: 94 Resp: 1395
Ion Ratio Lower Upper
94 100
96 126.5 76.0 114.0#



#13
Acrolein
Concen: 0.570 ug/l
RT: 4.051 min Scan# 351
Delta R.T. 0.011 min
Lab File: VN071702.D
Acq: 31 Mar 2022 12:19

Tgt Ion: 56 Resp: 761
Ion Ratio Lower Upper
56 100
55 21.0 54.8 82.2#

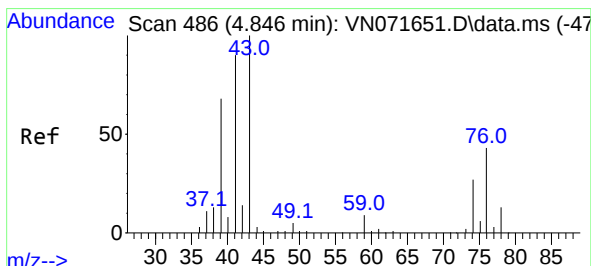
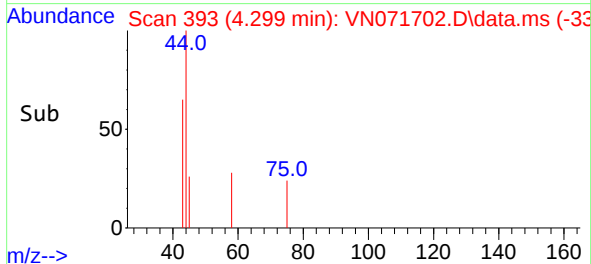
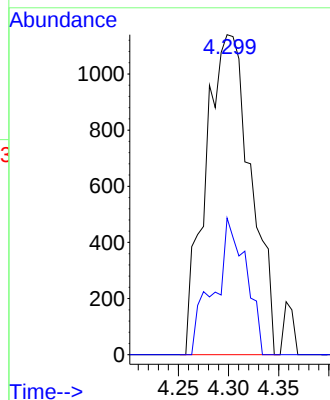
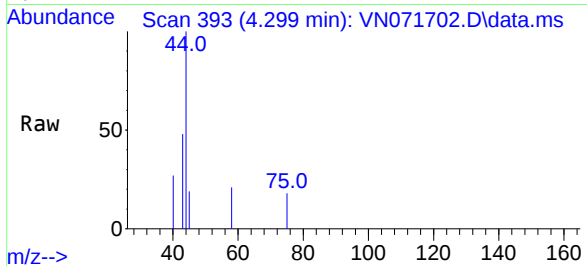




#16
Acetone
Concen: 1.239 ug/l
RT: 4.299 min Scan# 393
Delta R.T. 0.024 min
Lab File: VN071702.D
Acq: 31 Mar 2022 12:19

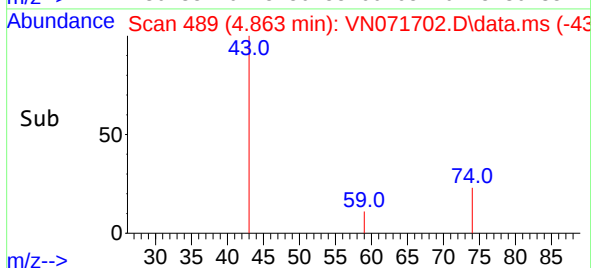
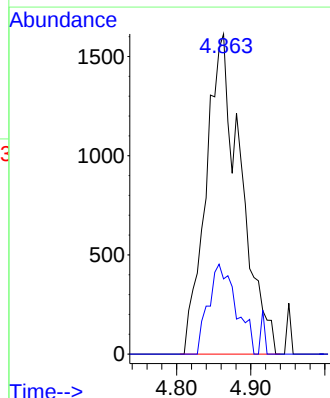
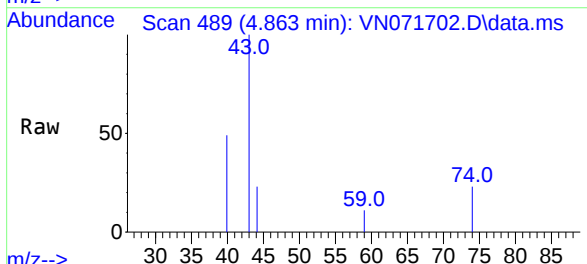
Instrument :
MSVOA_N
ClientSampleId :
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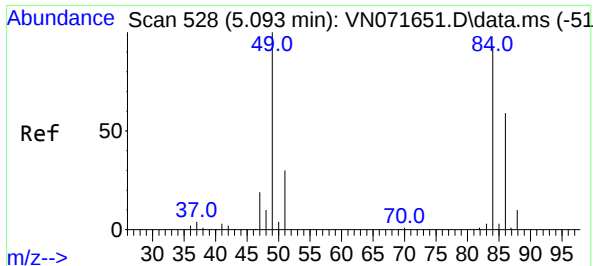
Tgt Ion: 43 Resp: 3572
Ion Ratio Lower Upper
43 100
58 42.7 26.0 39.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.863 min Scan# 489
Delta R.T. 0.017 min
Lab File: VN071702.D
Acq: 31 Mar 2022 12:19

Tgt Ion: 43 Resp: 5258
Ion Ratio Lower Upper
43 100
74 22.3 21.6 32.4



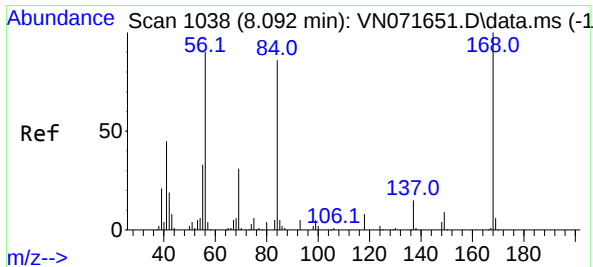
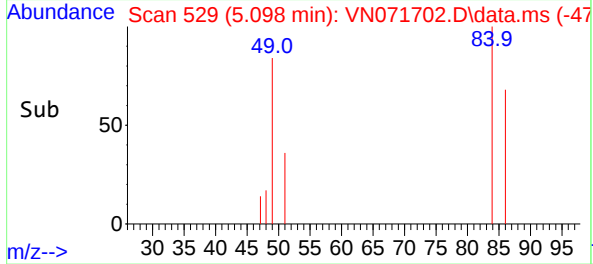
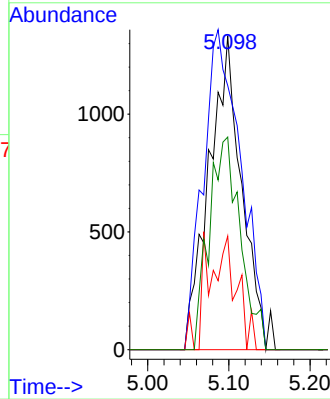
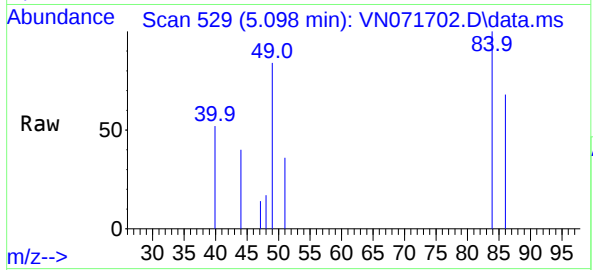


#20
Methylene Chloride
Concen: 0.617 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN071702.D
Acq: 31 Mar 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBL02

Tgt Ion: 84 Resp: 3752

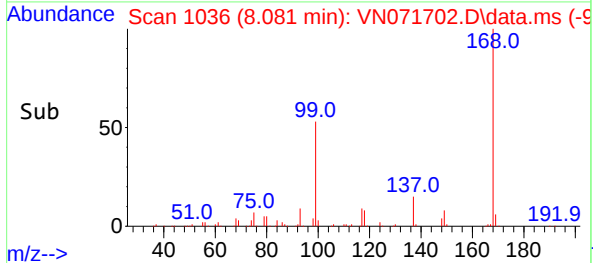
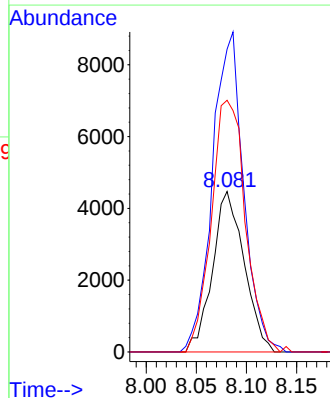
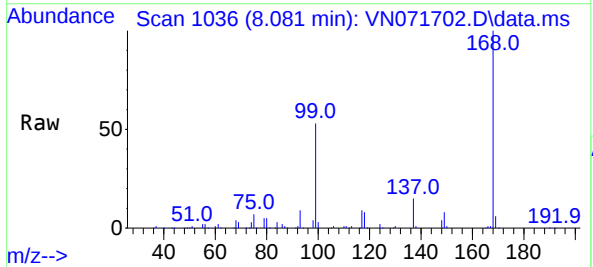
Ion	Ratio	Lower	Upper
84	100		
49	84.2	88.3	132.5#
51	36.2	28.2	42.2
86	67.7	50.6	76.0

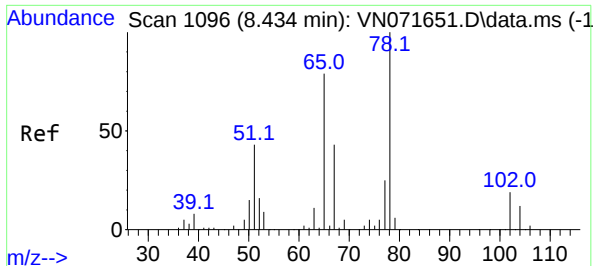


#31
Cyclohexane
Concen: 1.072 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN071702.D
Acq: 31 Mar 2022 12:19

Tgt Ion: 56 Resp: 9833

Ion	Ratio	Lower	Upper
56	100		
69	188.7	27.8	41.8#
84	156.8	76.9	115.3#

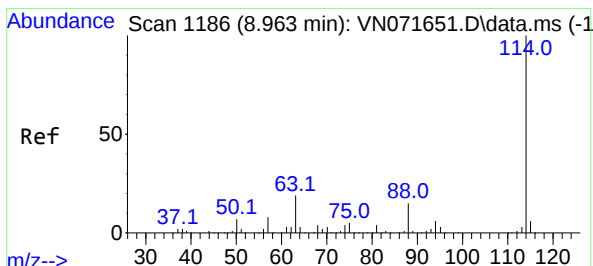
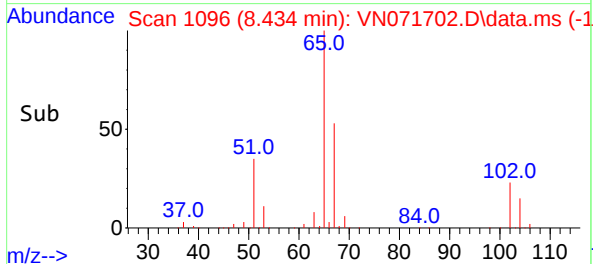
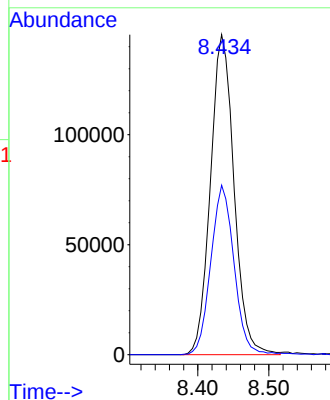
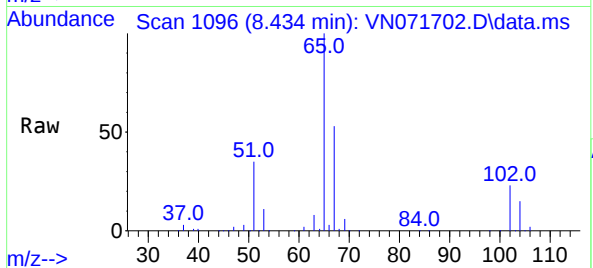




#33
1,2-Dichloroethane-d4
Concen: 49.676 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071702.D
Acq: 31 Mar 2022 12:19

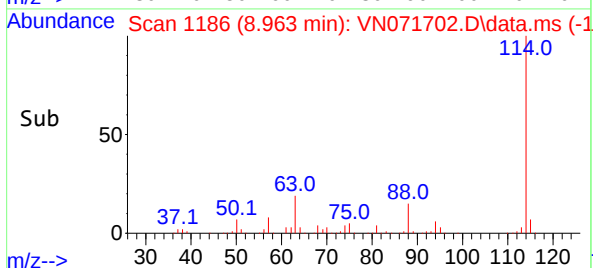
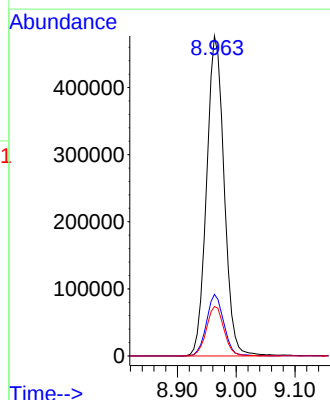
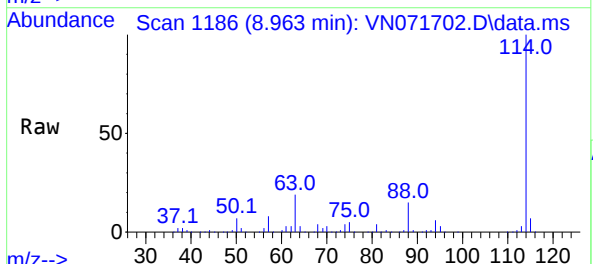
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBL02

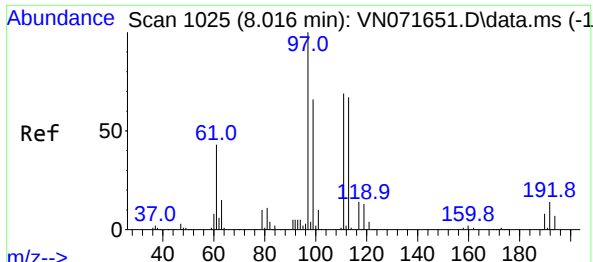
Tgt Ion: 65 Resp: 335147
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071702.D
Acq: 31 Mar 2022 12:19

Tgt Ion: 114 Resp: 988443
Ion Ratio Lower Upper
114 100
63 19.2 0.0 40.0
88 15.5 0.0 32.6

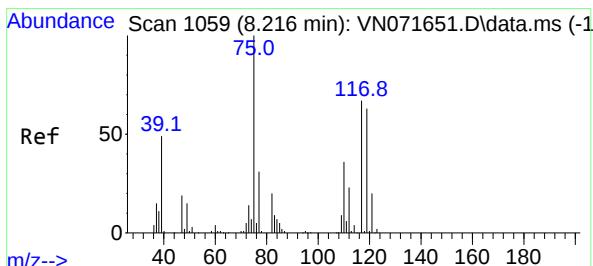
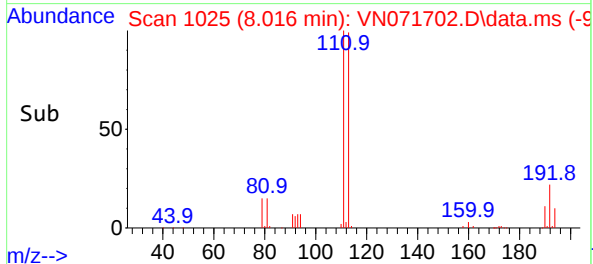
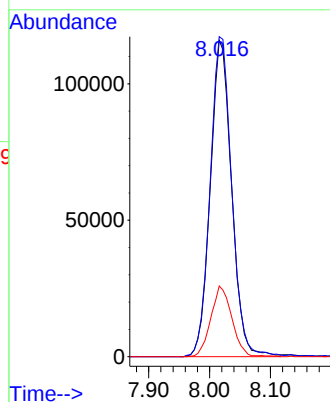
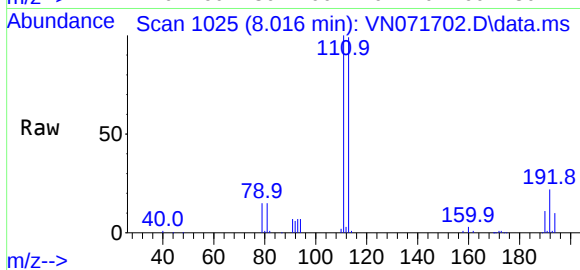




#35
Dibromofluoromethane
Concen: 48.374 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071702.D
Acq: 31 Mar 2022 12:19

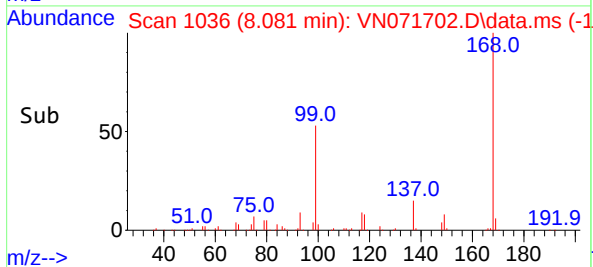
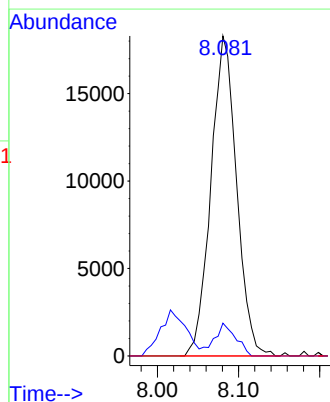
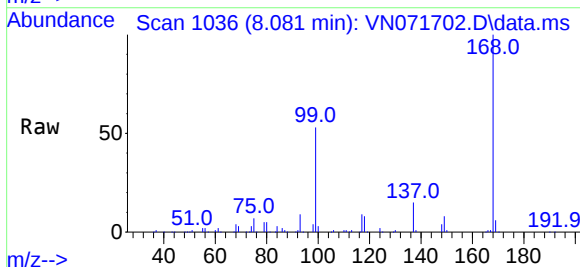
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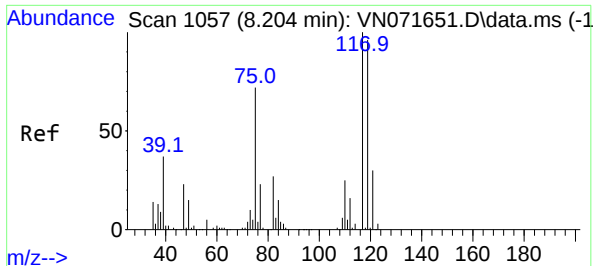
Tgt Ion:113 Resp: 281366
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 22.1 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.954 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071702.D
Acq: 31 Mar 2022 12:19

Tgt Ion: 75 Resp: 40236
Ion Ratio Lower Upper
75 100
110 7.7 18.3 54.8#
77 0.0 25.1 37.7#

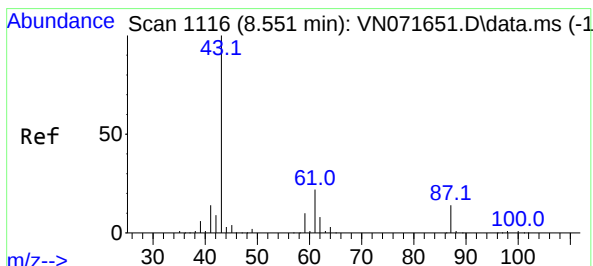
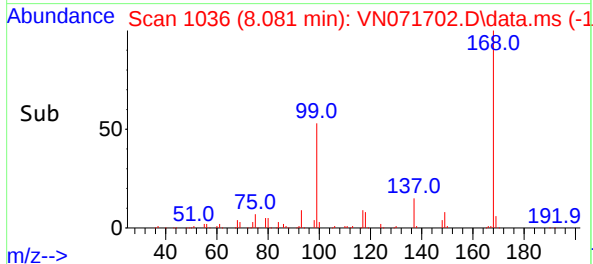
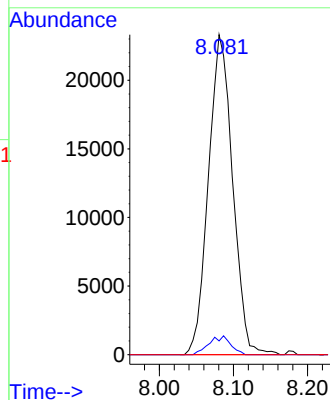
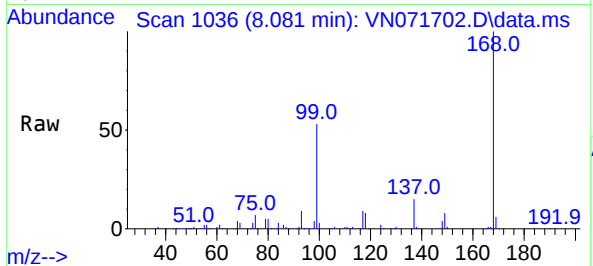




#38
Carbon Tetrachloride
Concen: 6.650 ug/l
RT: 8.081 min Scan# 1103
Delta R.T. -0.123 min
Lab File: VN071702.D
Acq: 31 Mar 2022 12:19

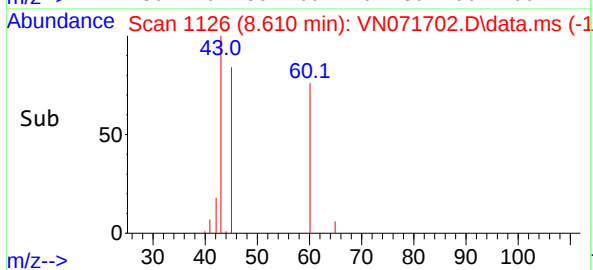
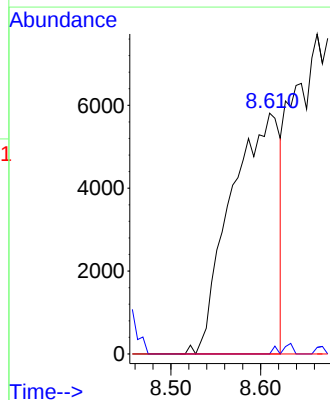
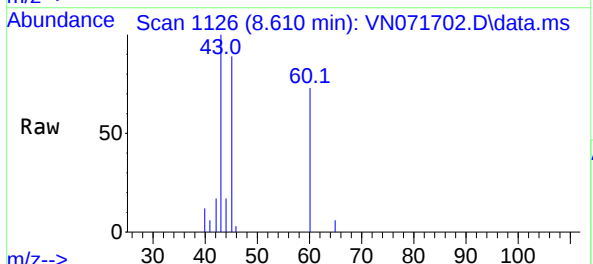
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBL02

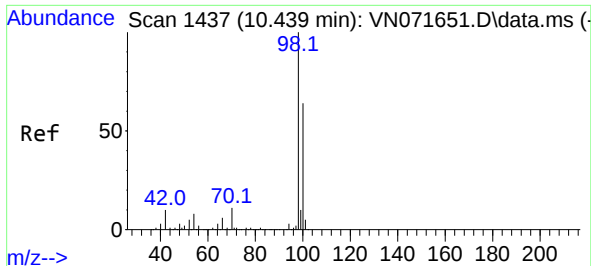
Tgt Ion:117 Resp: 52936
Ion Ratio Lower Upper
117 100
119 4.3 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 1.482 ug/l
RT: 8.610 min Scan# 1126
Delta R.T. 0.059 min
Lab File: VN071702.D
Acq: 31 Mar 2022 12:19

Tgt Ion: 43 Resp: 21910
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

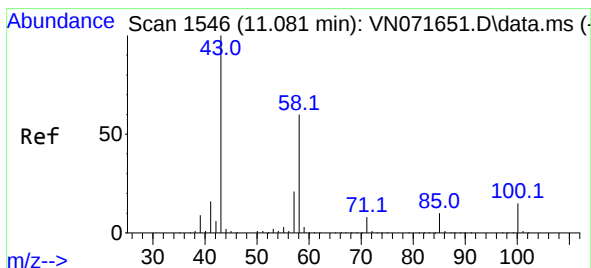
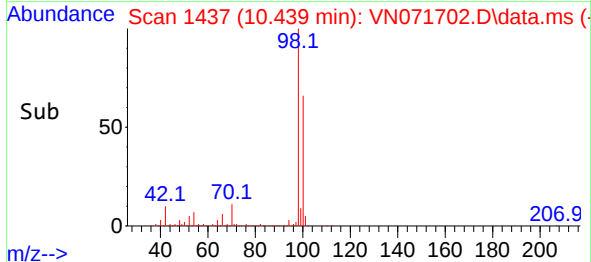
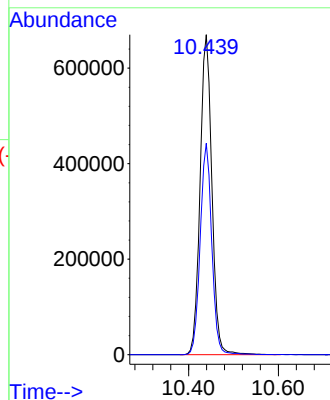
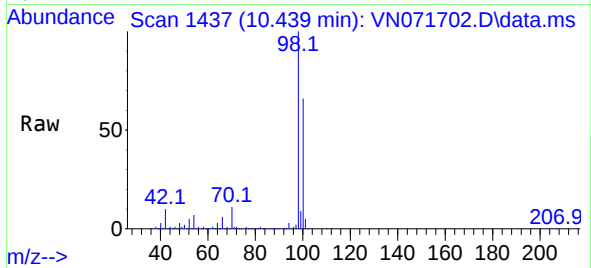




#50
Toluene-d8
Concen: 51.206 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071702.D
Acq: 31 Mar 2022 12:19

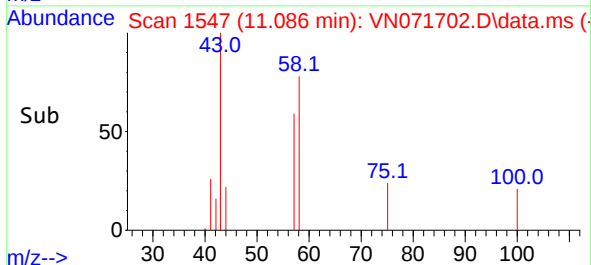
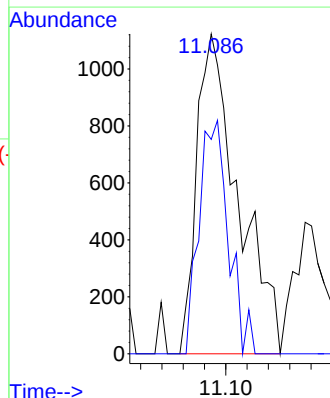
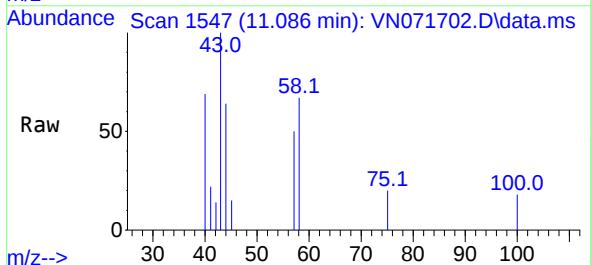
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBL02

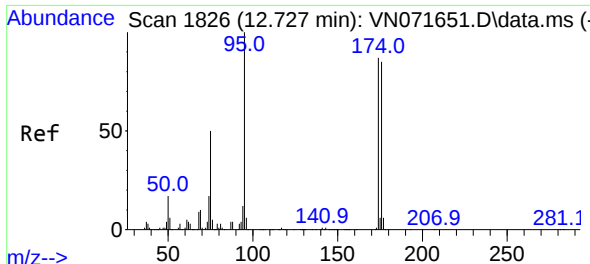
Tgt Ion: 98 Resp: 1218378
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#59
2-Hexanone
Concen: 0.509 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.005 min
Lab File: VN071702.D
Acq: 31 Mar 2022 12:19

Tgt Ion: 43 Resp: 3045
Ion Ratio Lower Upper
43 100
58 51.6 29.7 89.1

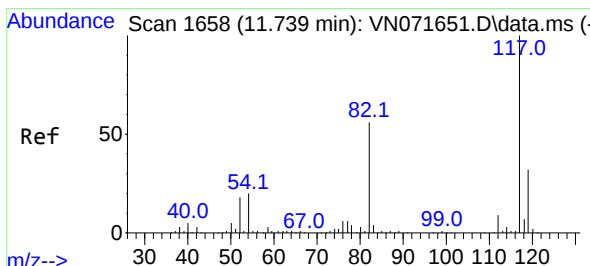
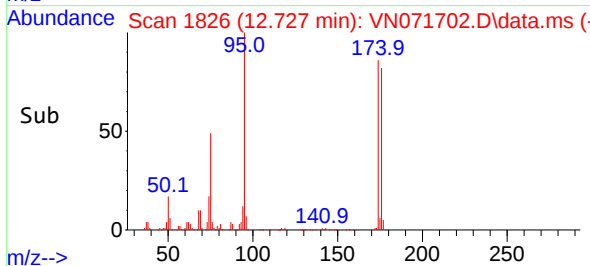
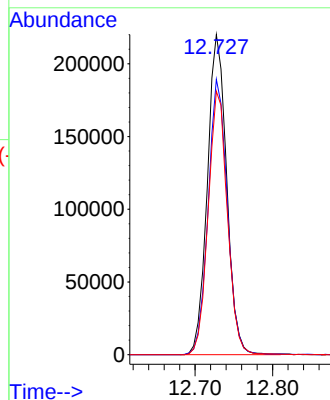
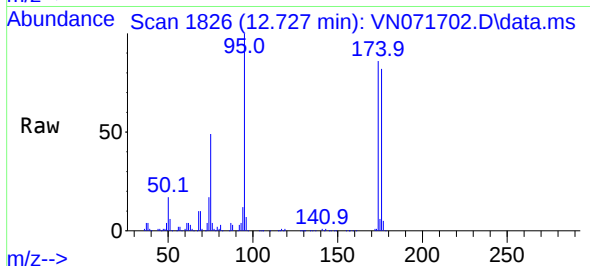




#62
4-Bromofluorobenzene
Concen: 49.383 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071702.D
Acq: 31 Mar 2022 12:19

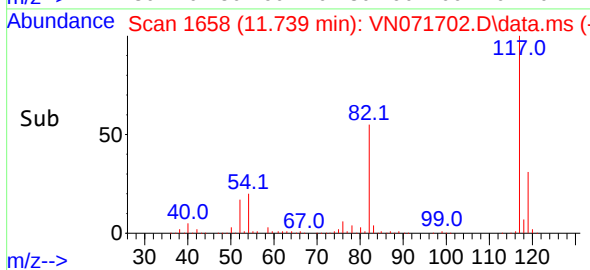
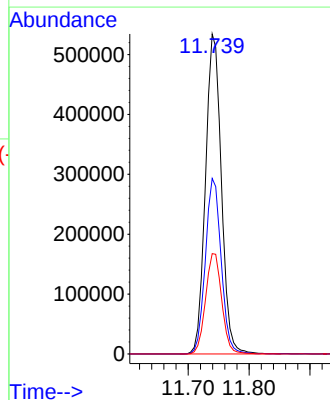
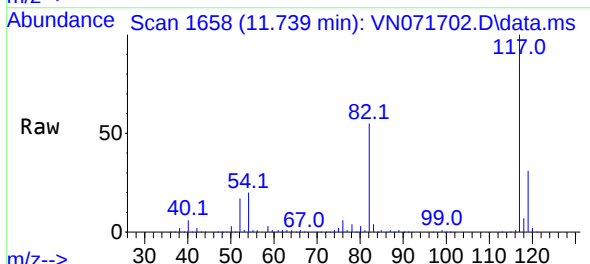
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBL02

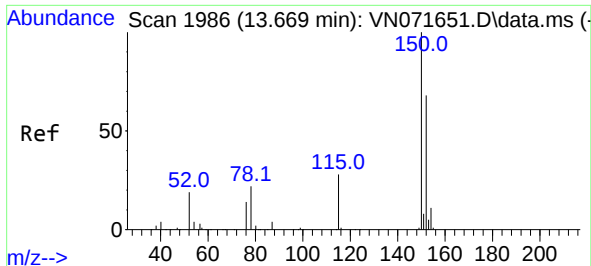
Tgt Ion:	95	Resp:	380016
Ion	Ratio	Lower	Upper
95	100		
174	85.5	0.0	167.6
176	81.8	0.0	163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071702.D
Acq: 31 Mar 2022 12:19

Tgt Ion:	117	Resp:	967214
Ion	Ratio	Lower	Upper
117	100		
82	54.8	44.2	66.2
119	31.4	25.4	38.0

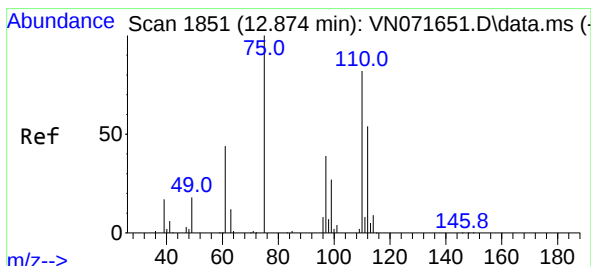
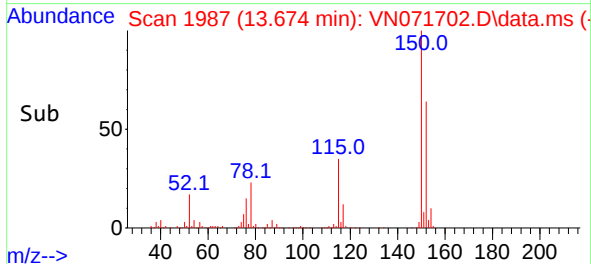
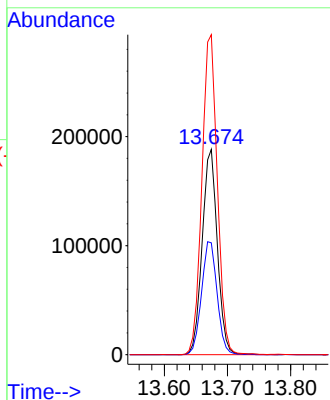
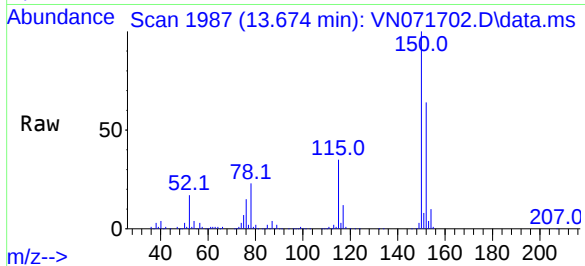




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1986
Delta R.T. 0.005 min
Lab File: VN071702.D
Acq: 31 Mar 2022 12:19

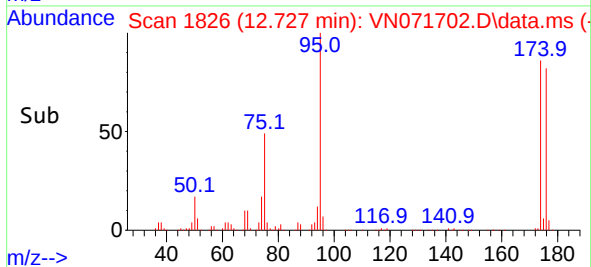
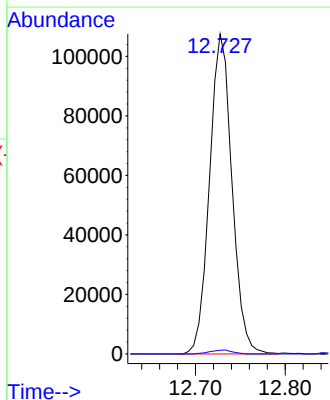
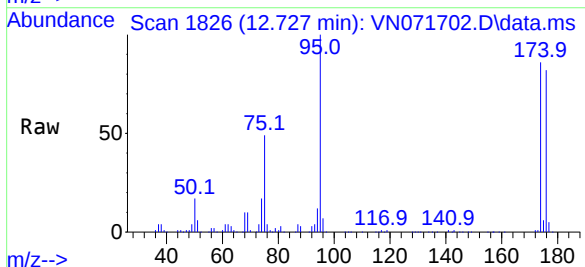
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBL02

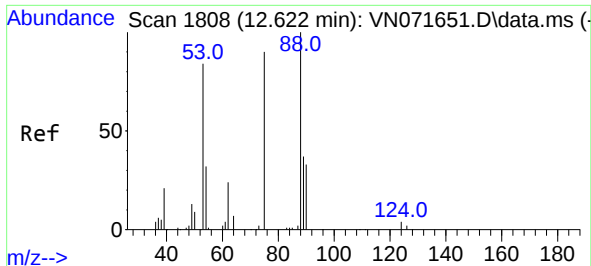
Tgt Ion:152 Resp: 314070
Ion Ratio Lower Upper
152 100
115 56.6 28.9 86.7
150 158.5 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 25.662 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071702.D
Acq: 31 Mar 2022 12:19

Tgt Ion: 75 Resp: 186709
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#

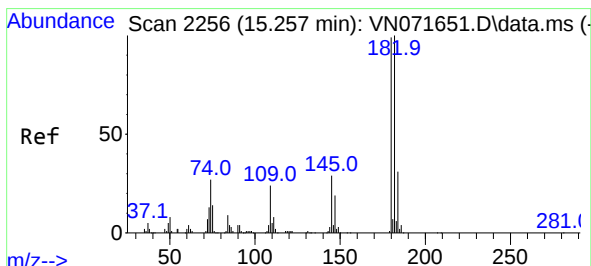
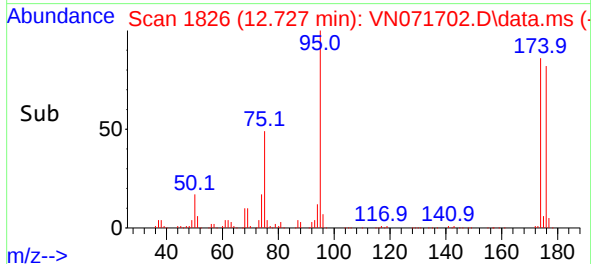
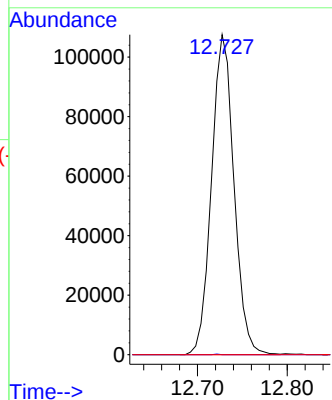
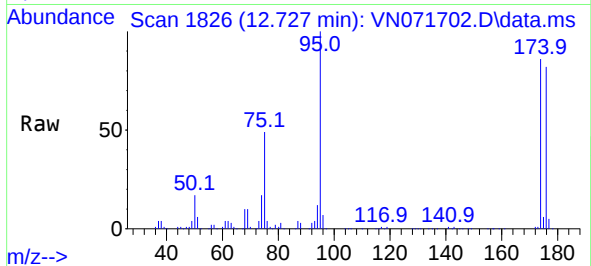




#81
trans-1,4-Dichloro-2-butene
Concen: 79.526 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN071702.D
Acq: 31 Mar 2022 12:19

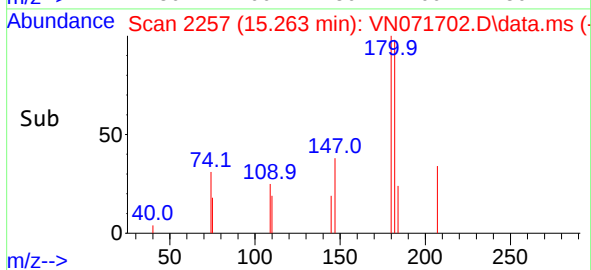
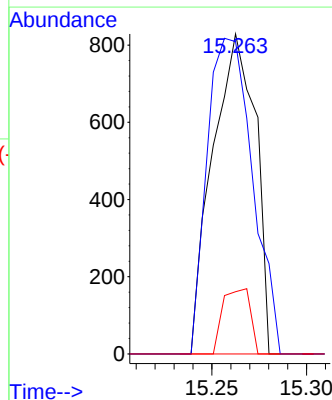
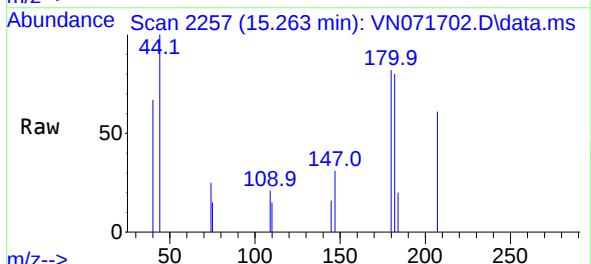
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBL02

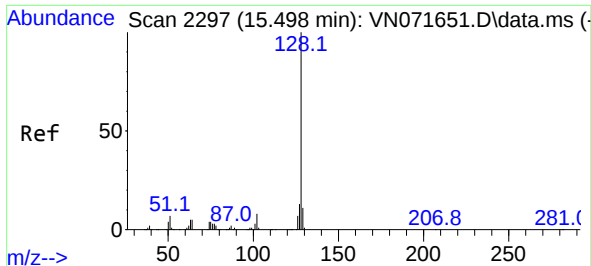
Tgt Ion: 75 Resp: 186709
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.335 ug/l
RT: 15.263 min Scan# 2257
Delta R.T. 0.006 min
Lab File: VN071702.D
Acq: 31 Mar 2022 12:19

Tgt Ion:180 Resp: 1301
Ion Ratio Lower Upper
180 100
182 104.7 47.5 142.5
145 13.1 14.5 43.5#

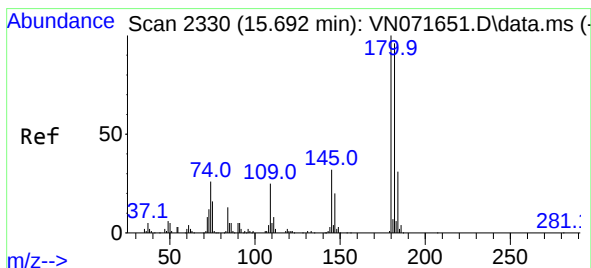
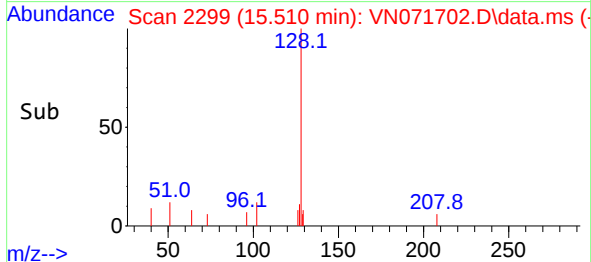
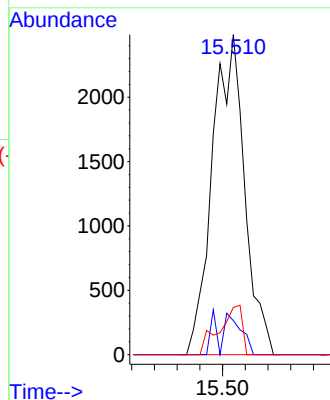
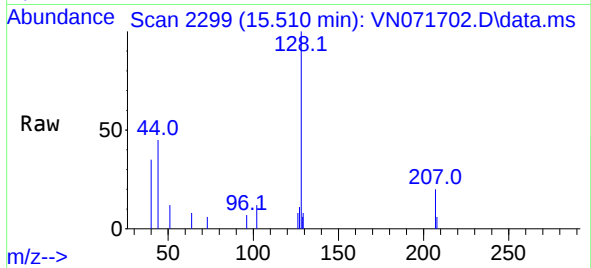




#95
Naphthalene
Concen: 4.119 ug/l
RT: 15.510 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN071702.D
Acq: 31 Mar 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBL02

Tgt Ion:	128	Resp:	4891
Ion	Ratio	Lower	Upper
128	100		
127	6.7	10.3	15.5#
129	10.9	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 2.737 ug/l
RT: 15.704 min Scan# 2332
Delta R.T. 0.012 min
Lab File: VN071702.D
Acq: 31 Mar 2022 12:19

Tgt Ion:	180	Resp:	1643
Ion	Ratio	Lower	Upper
180	100		
182	93.1	47.8	143.3
145	19.2	15.5	46.5

