

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
 Data File : VN071619.D
 Acq On : 28 Mar 2022 21:57
 Operator : JC\MD
 Sample : N2130-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 29 09:51:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 29 09:32:37 2022
 Response via : Initial Calibration

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

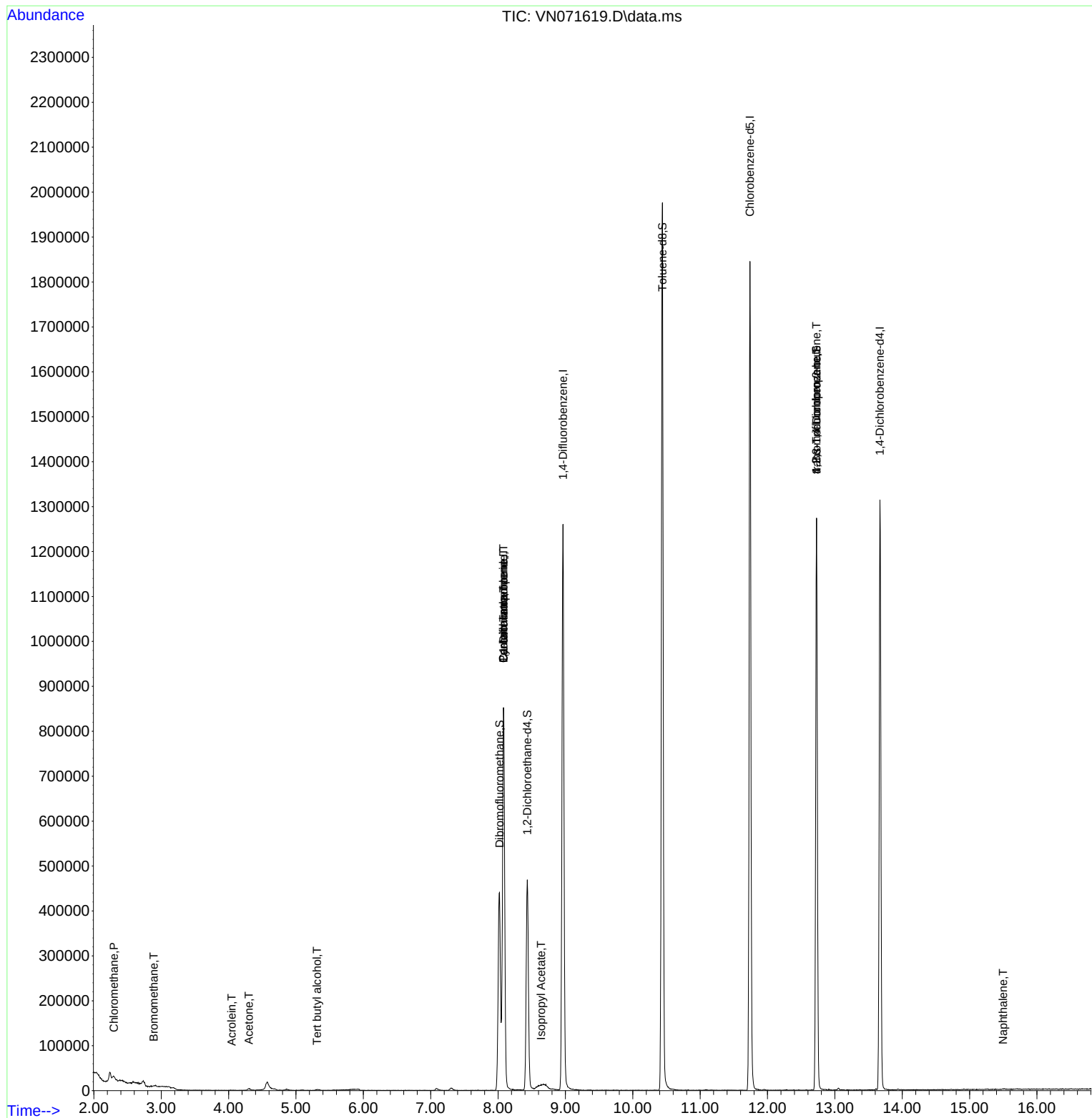
Internal Standards						
1) Pentafluorobenzene	8.081	168	700407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1166997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1139278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	392752	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	400322	47.669	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.340%
35) Dibromofluoromethane	8.022	113	335004	46.742	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.480%
50) Toluene-d8	10.439	98	1426790	48.262	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.520%
62) 4-Bromofluorobenzene	12.727	95	454304	47.106	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.220%
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	2672	0.331	ug/l #	82
5) Bromomethane	2.887	94	2146	0.407	ug/l #	69
6) Chloroethane	2.793	64	1038	Below Cal	#	64
11) Tert butyl alcohol	5.310	59	802	0.541	ug/l #	72
13) Acrolein	4.046	56	362	0.293	ug/l #	35
16) Acetone	4.299	43	3400	0.982	ug/l #	64
18) Methyl Acetate	4.869	43	4905	Below Cal	#	88
31) Cyclohexane	8.081	56	12773	1.089	ug/l #	6
36) 1,1-Dichloropropene	8.081	75	49827	4.836	ug/l #	48
38) Carbon Tetrachloride	8.081	117	63524	6.221	ug/l #	17
43) Isopropyl Acetate	8.639	43	16111	1.081	ug/l #	53
76) 1,2,3-Trichloropropane	12.727	75	225366	23.898	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	225366	68.979	ug/l #	11
95) Naphthalene	15.498	128	2033	4.788	ug/l #	69

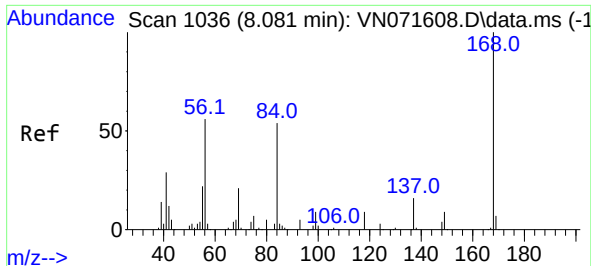
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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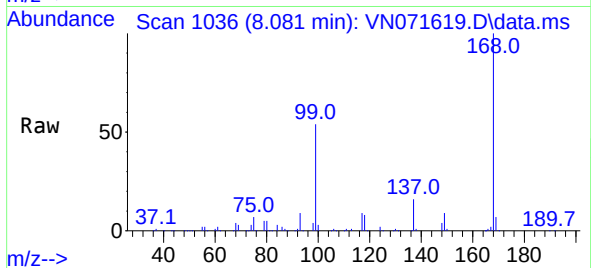
Quant Time: Mar 29 09:51:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 29 09:32:37 2022
Response via : Initial Calibration



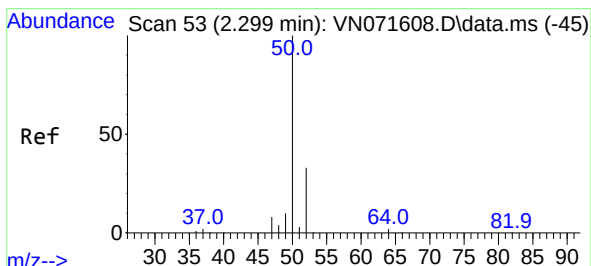
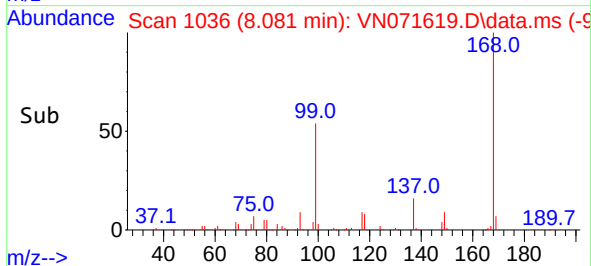
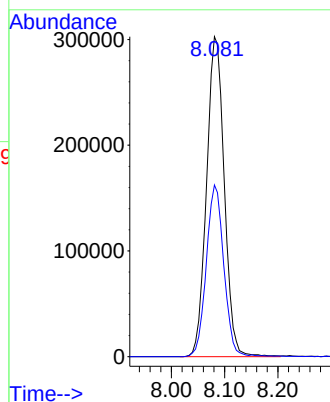


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071619.D
Acq: 28 Mar 2022 21:57

Instrument :
MSVOA_N
ClientSampleId :

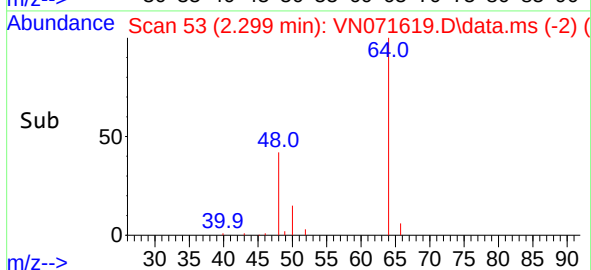
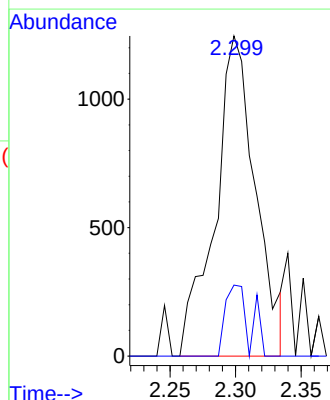
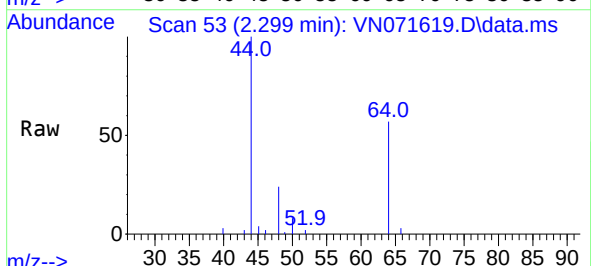


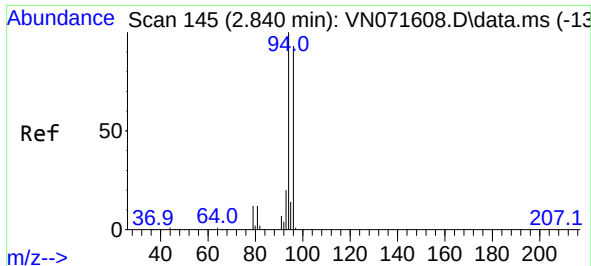
Tgt Ion:168 Resp: 700407
Ion Ratio Lower Upper
168 100
99 53.7 42.3 63.5



#3
Chloromethane
Concen: 0.331 ug/l
RT: 2.299 min Scan# 53
Delta R.T. 0.000 min
Lab File: VN071619.D
Acq: 28 Mar 2022 21:57

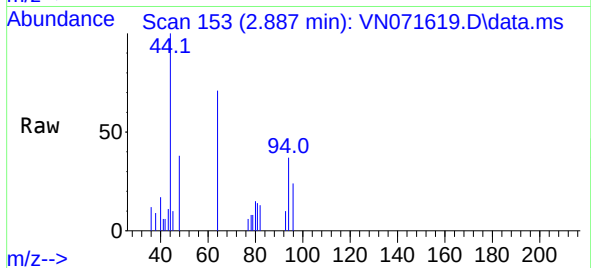
Tgt Ion: 50 Resp: 2672
Ion Ratio Lower Upper
50 100
52 22.2 25.7 38.5#



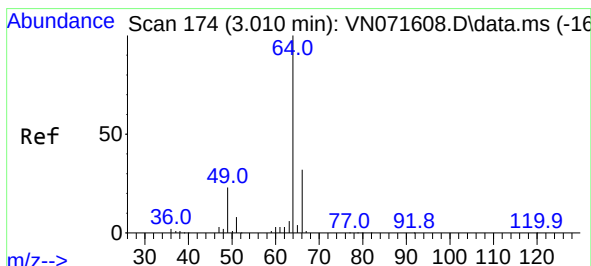
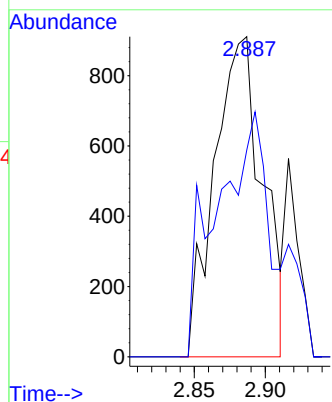
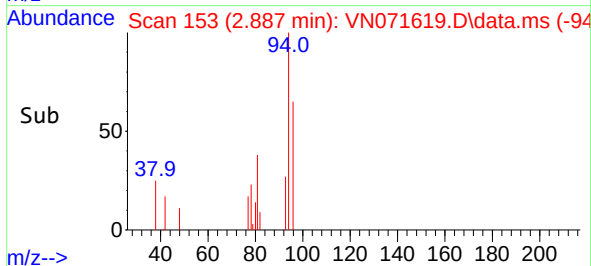


#5
Bromomethane
Concen: 0.407 ug/l
RT: 2.887 min Scan# 11
Delta R.T. 0.047 min
Lab File: VN071619.D
Acq: 28 Mar 2022 21:57

Instrument :
MSVOA_N
ClientSampleId :

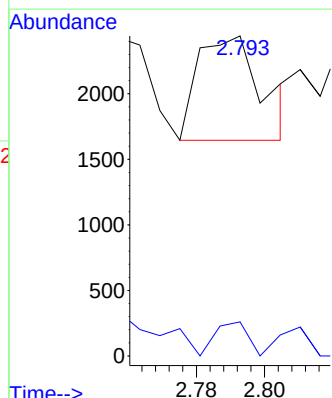
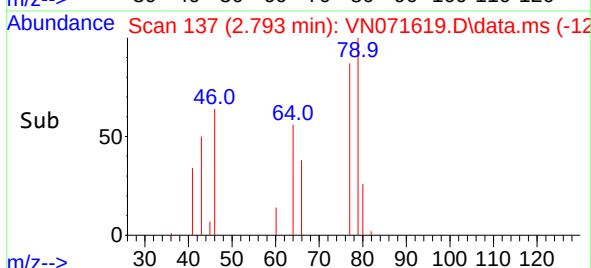
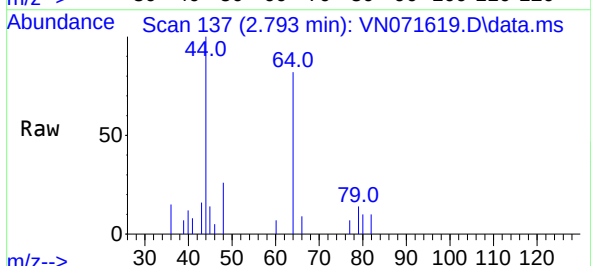


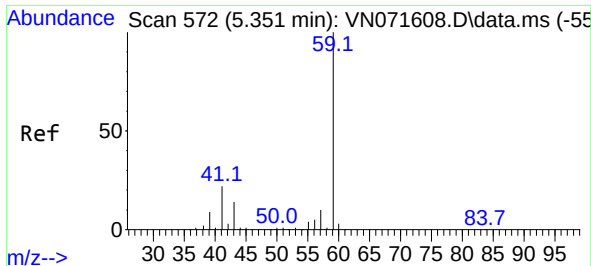
Tgt Ion: 94 Resp: 2146
Ion Ratio Lower Upper
94 100
96 64.5 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 2.793 min Scan# 137
Delta R.T. -0.217 min
Lab File: VN071619.D
Acq: 28 Mar 2022 21:57

Tgt Ion: 64 Resp: 1038
Ion Ratio Lower Upper
64 100
66 12.6 26.2 39.4#





#11

Tert butyl alcohol

Concen: 0.541 ug/l

RT: 5.310 min Scan# 50

Delta R.T. -0.041 min

Lab File: VN071619.D

Acq: 28 Mar 2022 21:57

Instrument :

MSVOA_N

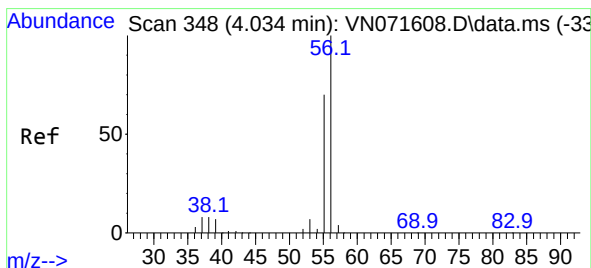
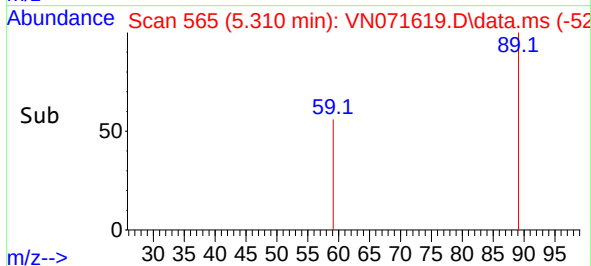
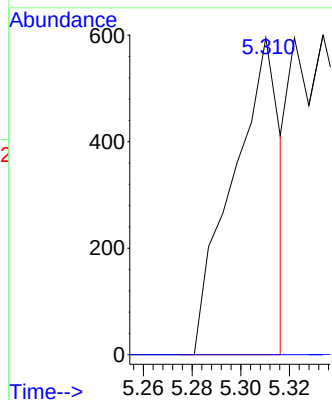
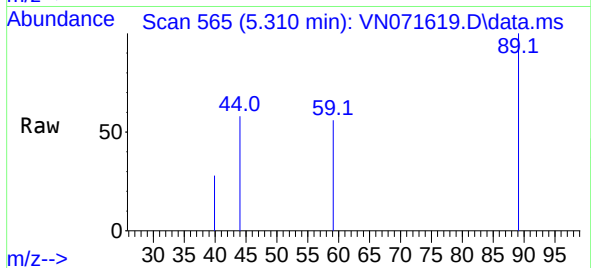
ClientSampleId :

Tgt Ion: 59 Resp: 802

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#13

Acrolein

Concen: 0.293 ug/l

RT: 4.046 min Scan# 350

Delta R.T. 0.012 min

Lab File: VN071619.D

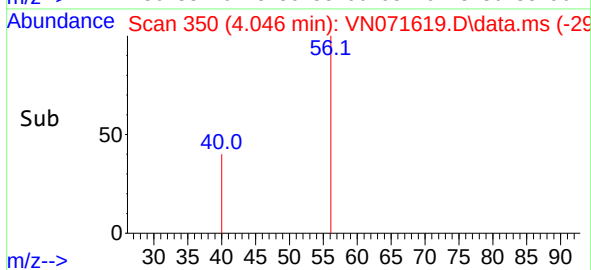
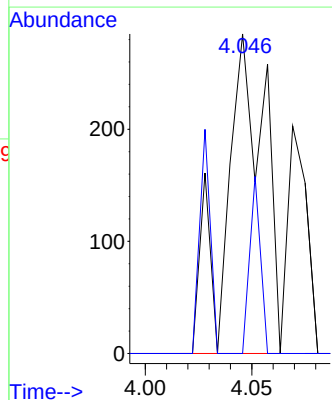
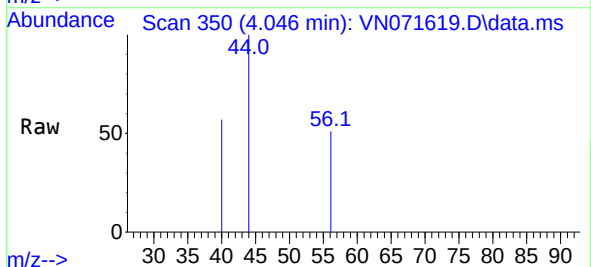
Acq: 28 Mar 2022 21:57

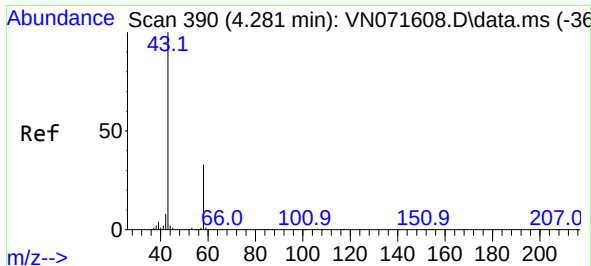
Tgt Ion: 56 Resp: 362

Ion Ratio Lower Upper

56 100

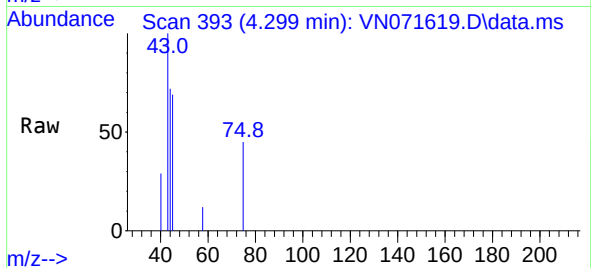
55 15.5 54.8 82.2#



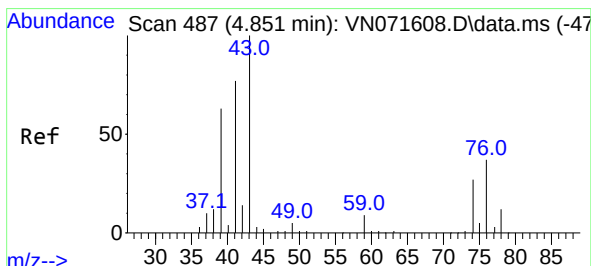
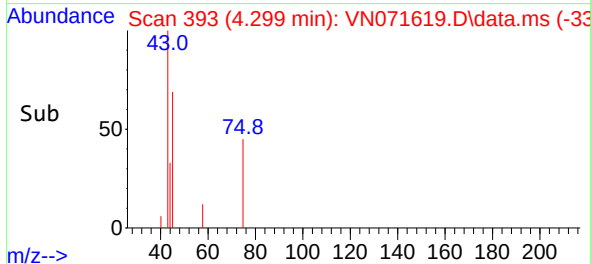
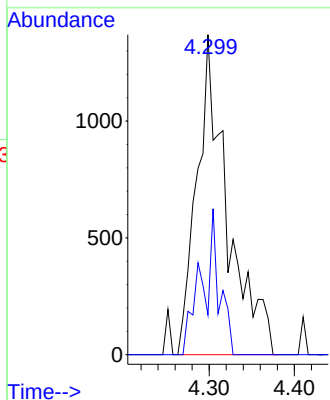


#16
Acetone
Concen: 0.982 ug/l
RT: 4.299 min Scan# 390
Delta R.T. 0.018 min
Lab File: VN071619.D
Acq: 28 Mar 2022 21:57

Instrument :
MSVOA_N
ClientSampleId :

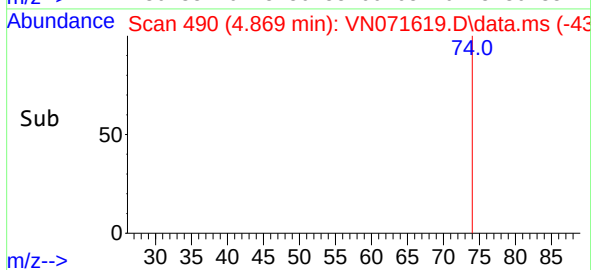
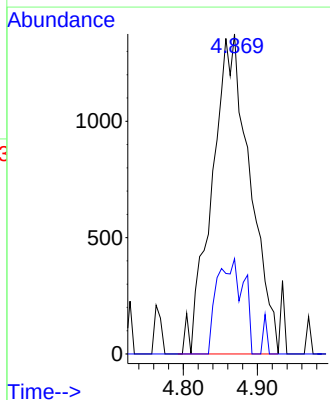
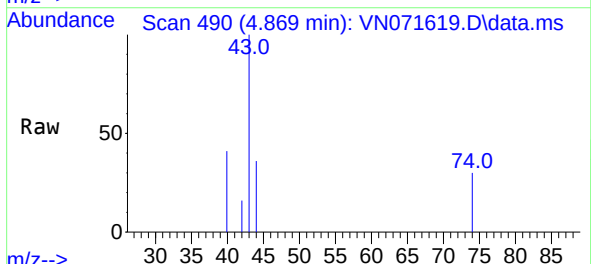


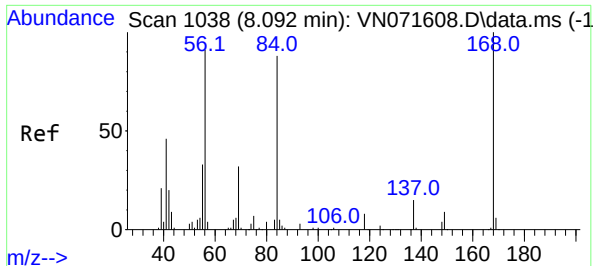
Tgt Ion: 43 Resp: 3400
Ion Ratio Lower Upper
43 100
58 12.5 26.0 39.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.869 min Scan# 490
Delta R.T. 0.018 min
Lab File: VN071619.D
Acq: 28 Mar 2022 21:57

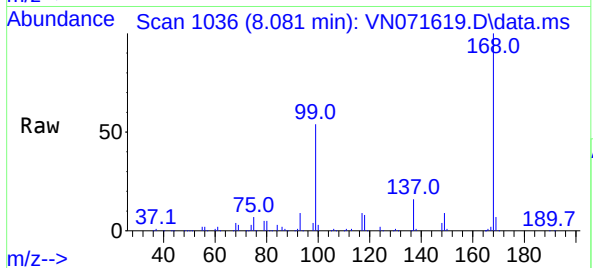
Tgt Ion: 43 Resp: 4905
Ion Ratio Lower Upper
43 100
74 20.7 21.6 32.4#



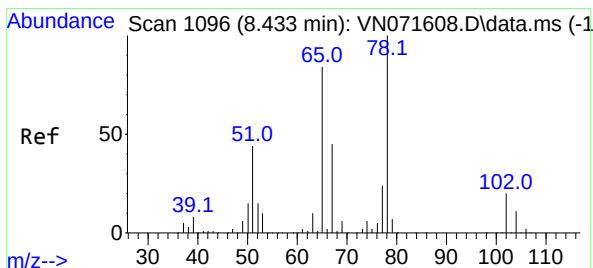
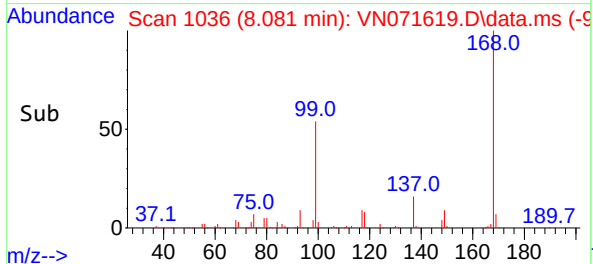
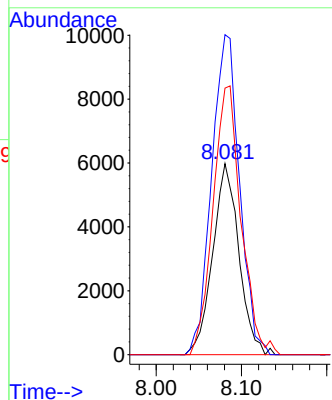


#31
Cyclohexane
Concen: 1.089 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VN071619.D
Acq: 28 Mar 2022 21:57

Instrument :
MSVOA_N
ClientSampleId :

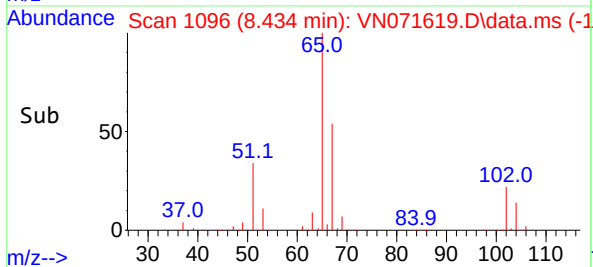
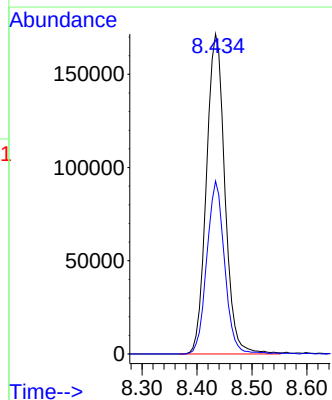
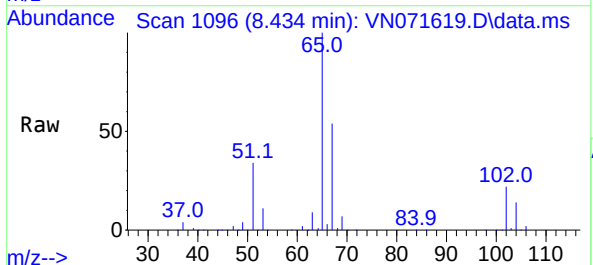


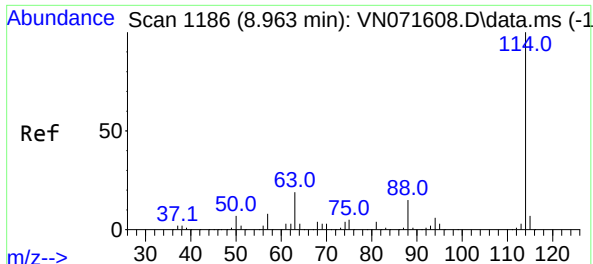
Tgt Ion: 56 Resp: 12773
Ion Ratio Lower Upper
56 100
69 167.5 27.8 41.8#
84 139.5 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 47.669 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN071619.D
Acq: 28 Mar 2022 21:57

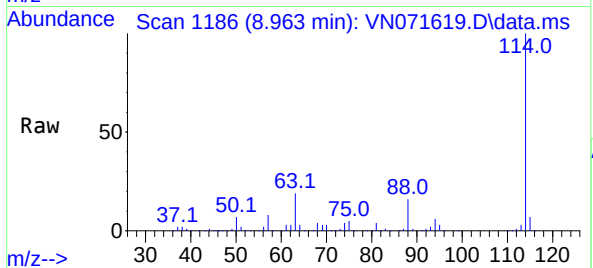
Tgt Ion: 65 Resp: 400322
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.8



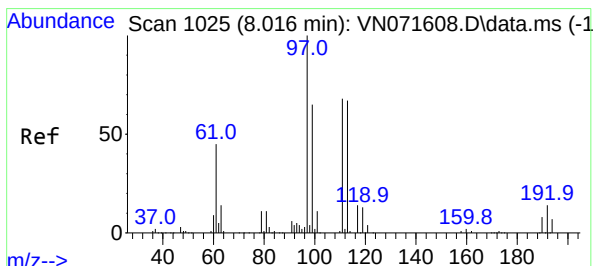
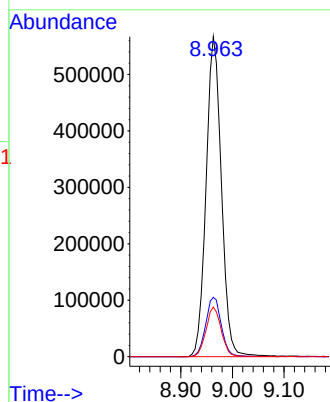
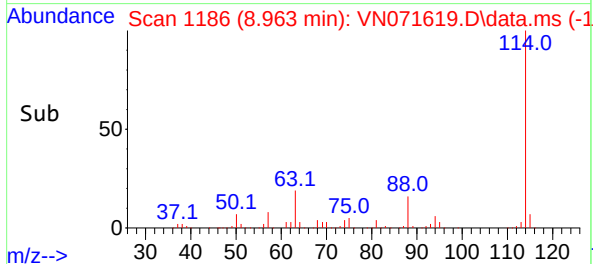


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071619.D
Acq: 28 Mar 2022 21:57

Instrument :
MSVOA_N
ClientSampleId :

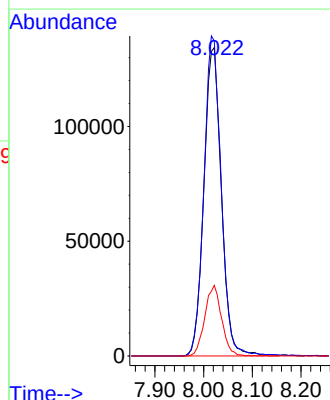
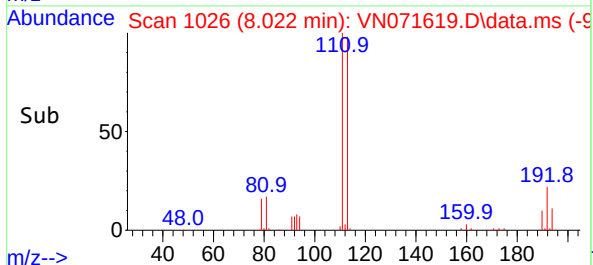
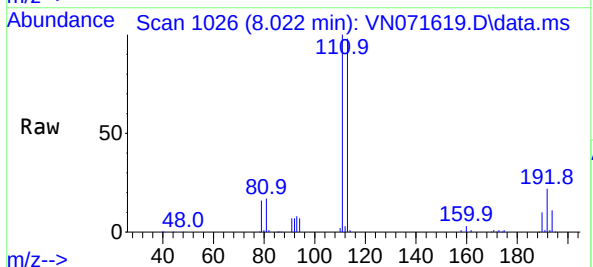


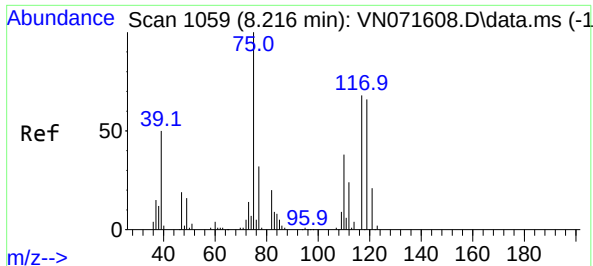
Tgt Ion:114 Resp: 1166997
Ion Ratio Lower Upper
114 100
63 18.5 0.0 40.0
88 15.5 0.0 32.6



#35
Dibromofluoromethane
Concen: 46.742 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071619.D
Acq: 28 Mar 2022 21:57

Tgt Ion:113 Resp: 335004
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 21.8 17.0 25.6

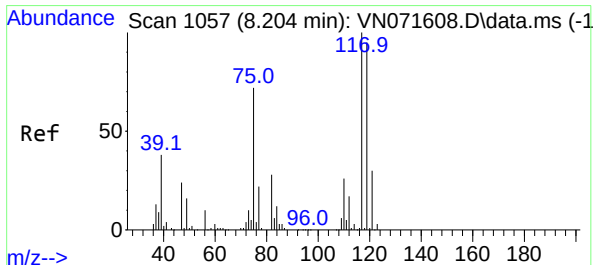
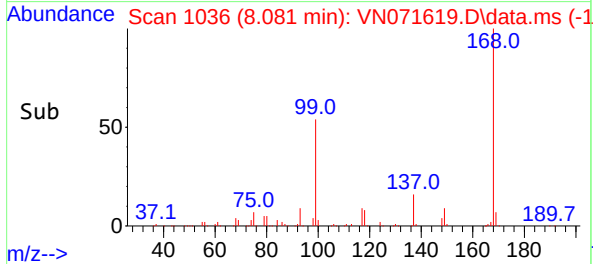
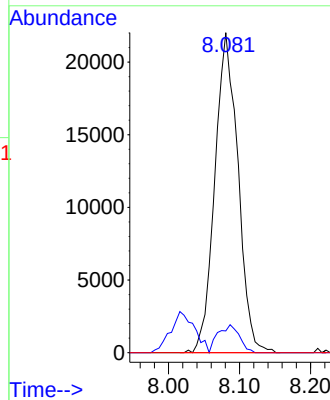
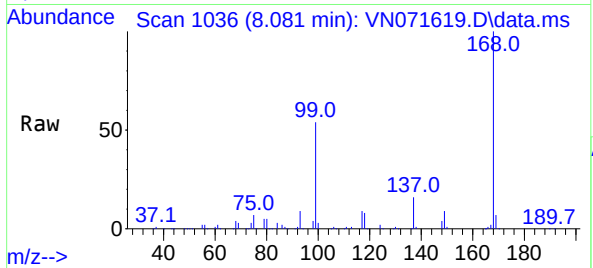




#36
1,1-Dichloropropene
Concen: 4.836 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071619.D
Acq: 28 Mar 2022 21:57

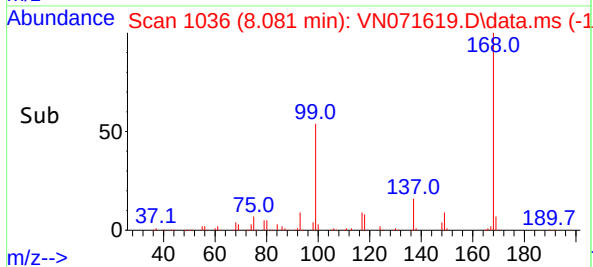
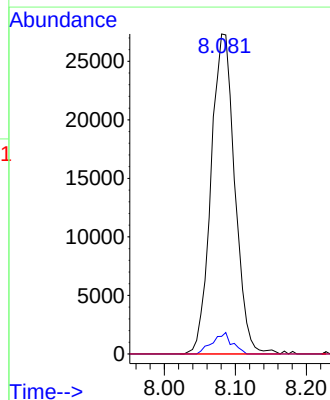
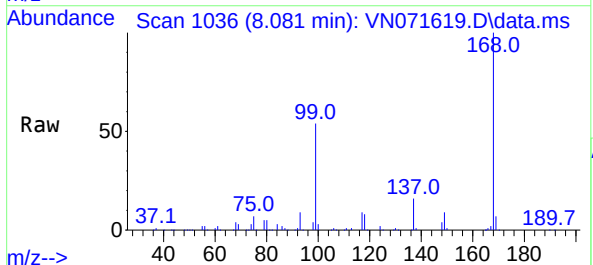
Instrument :
MSVOA_N
ClientSampleId :

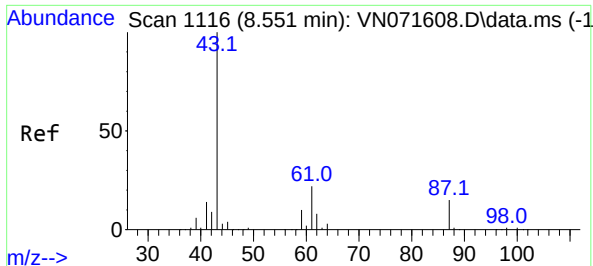
Tgt Ion: 75 Resp: 49827
Ion Ratio Lower Upper
75 100
110 8.0 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.221 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.123 min
Lab File: VN071619.D
Acq: 28 Mar 2022 21:57

Tgt Ion: 117 Resp: 63524
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.8#
121 0.0 24.6 37.0#

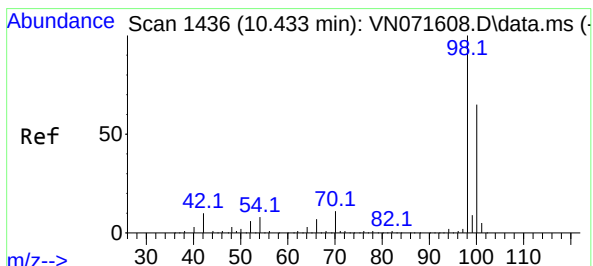
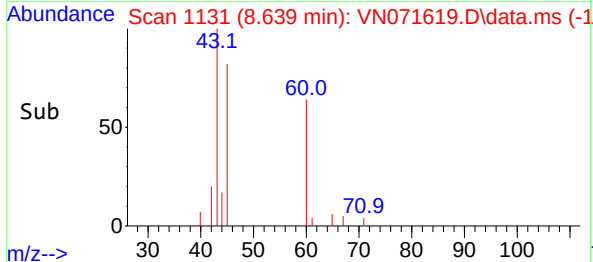
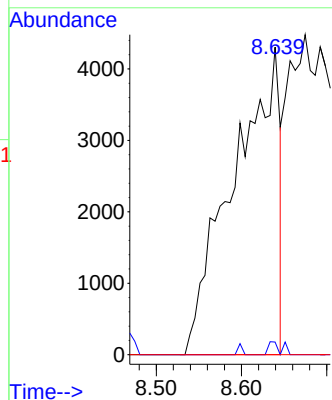
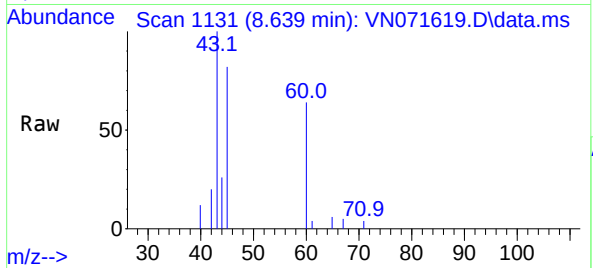




#43
Isopropyl Acetate
Concen: 1.081 ug/l
RT: 8.639 min Scan# 1116
Delta R.T. 0.088 min
Lab File: VN071619.D
Acq: 28 Mar 2022 21:57

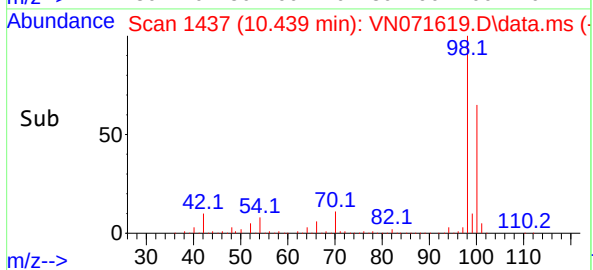
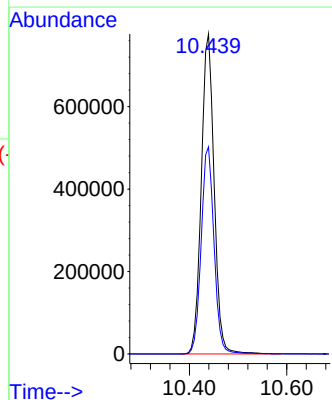
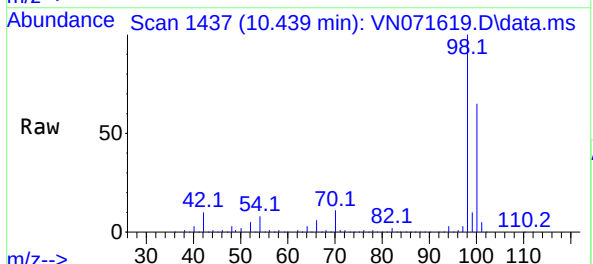
Instrument :
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ClientSampleId :

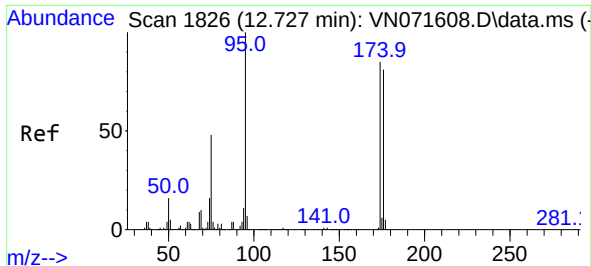
Tgt Ion: 43 Resp: 16111
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 48.262 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071619.D
Acq: 28 Mar 2022 21:57

Tgt Ion: 98 Resp: 1426790
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8

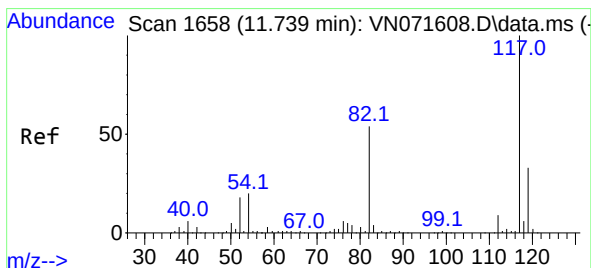
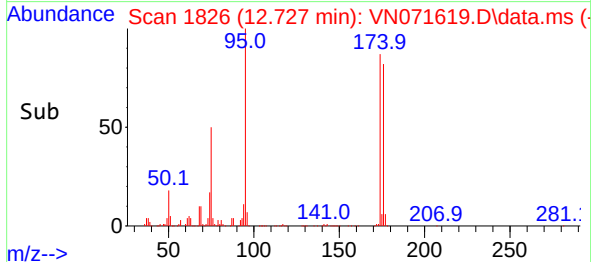
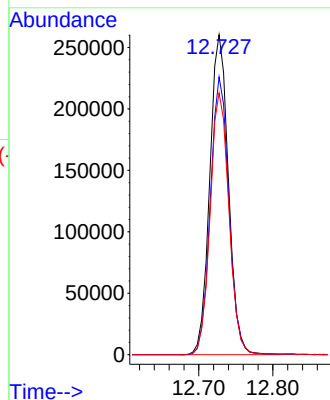
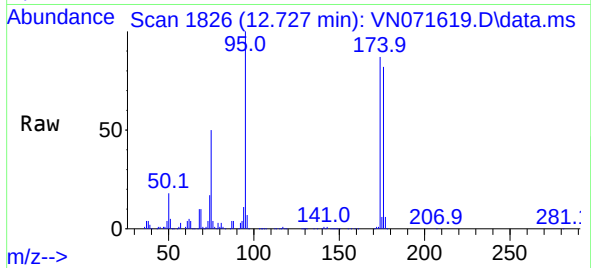




#62
4-Bromofluorobenzene
Concen: 47.106 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071619.D
Acq: 28 Mar 2022 21:57

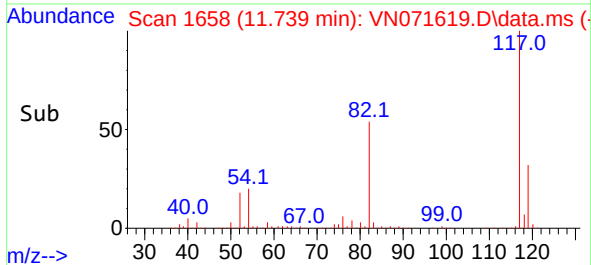
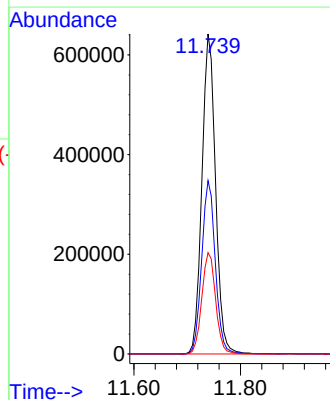
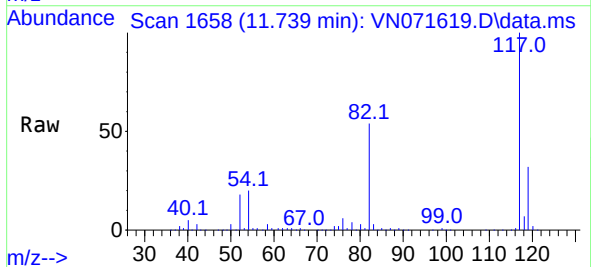
Instrument :
MSVOA_N
ClientSampleId :

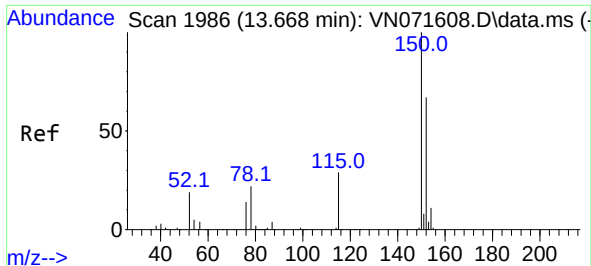
Tgt Ion: 95 Resp: 454304
Ion Ratio Lower Upper
95 100
174 86.9 0.0 167.6
176 82.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071619.D
Acq: 28 Mar 2022 21:57

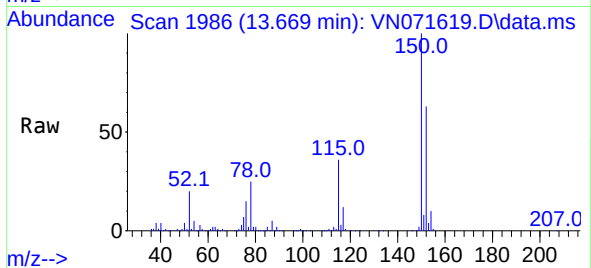
Tgt Ion: 117 Resp: 1139278
Ion Ratio Lower Upper
117 100
82 54.2 44.2 66.2
119 31.7 25.4 38.0



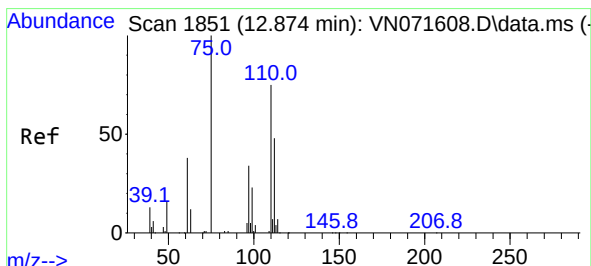
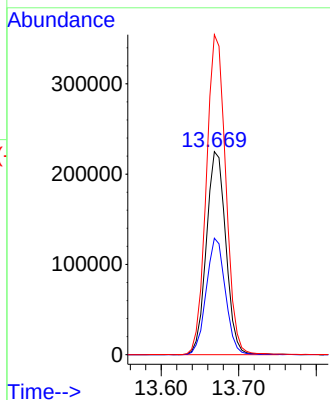
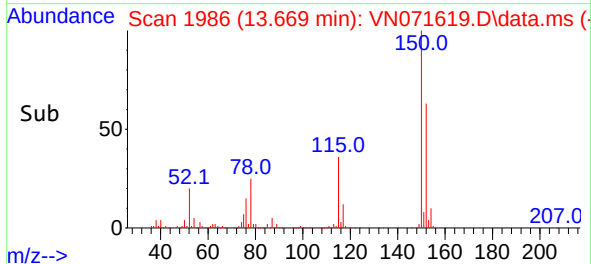


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071619.D
Acq: 28 Mar 2022 21:57

Instrument :
MSVOA_N
ClientSampleId :

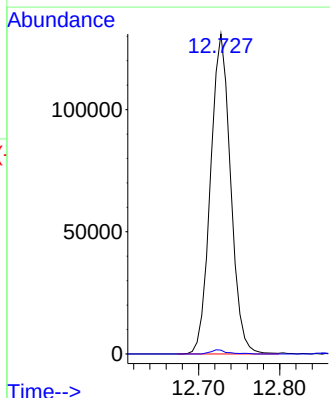
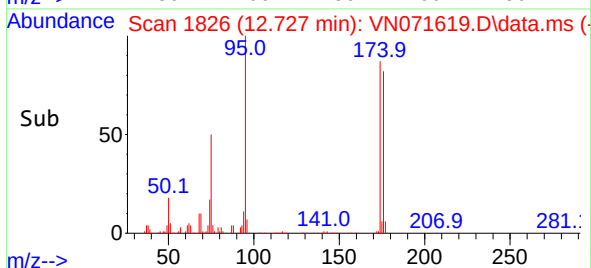
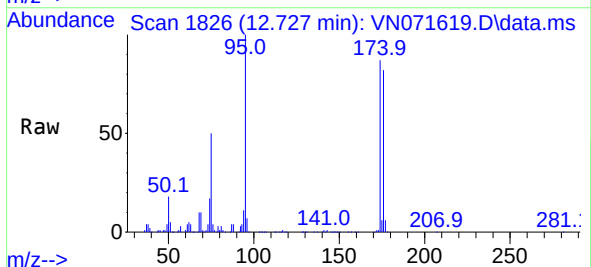


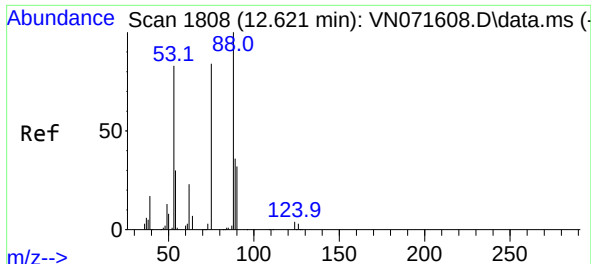
Tgt Ion:152 Resp: 392752
Ion Ratio Lower Upper
152 100
115 56.5 28.9 86.7
150 157.5 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 23.898 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071619.D
Acq: 28 Mar 2022 21:57

Tgt Ion: 75 Resp: 225366
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#

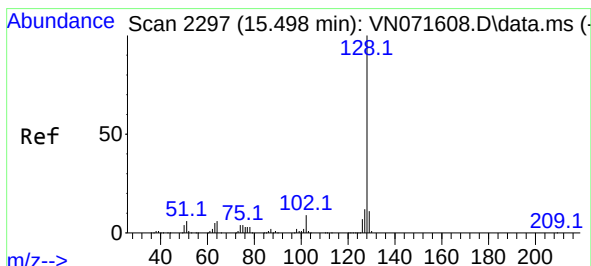
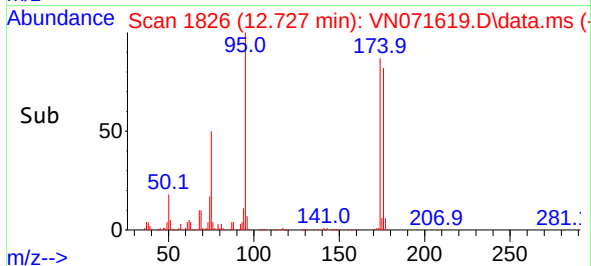
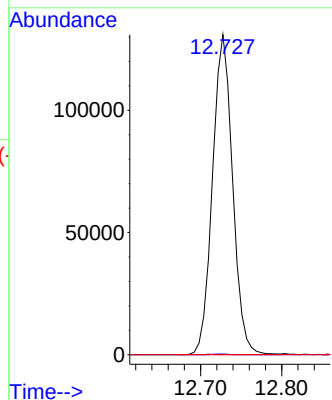
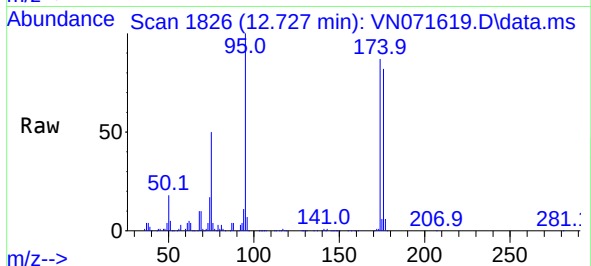




#81
trans-1,4-Dichloro-2-butene
Concen: 68.979 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.106 min
Lab File: VN071619.D
Acq: 28 Mar 2022 21:57

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 225366
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 4.788 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN071619.D
Acq: 28 Mar 2022 21:57

Tgt Ion:128 Resp: 2033
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

