

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
 Data File : VN073142.D
 Acq On : 26 Jun 2022 06:09
 Operator : JC\MD
 Sample : N3426-02 40X
 Misc : 6.99g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B2201-35

Quant Time: Jun 27 03:58:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

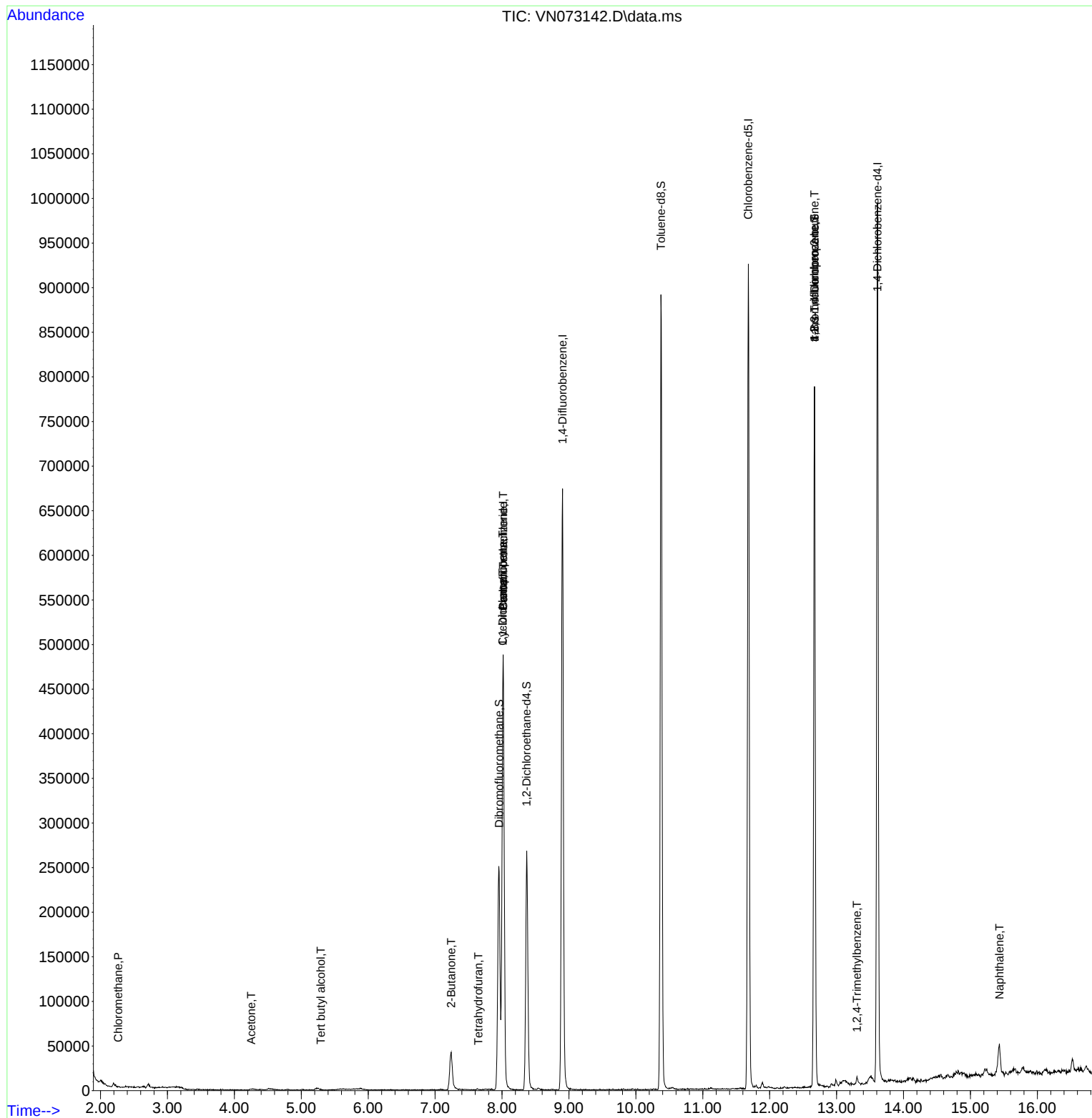
Internal Standards						
1) Pentafluorobenzene	8.016	168	375962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	597693	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	542482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	266896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	221113	43.501	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.000%
35) Dibromofluoromethane	7.957	113	185601	50.240	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.480%
50) Toluene-d8	10.375	98	617456	44.917	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.840%
62) 4-Bromofluorobenzene	12.669	95	274587	55.550	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.100%
Target Compounds						
					Qvalue	
3) Chloromethane	2.263	50	444	0.683	ug/l #	87
11) Tert butyl alcohol	5.293	59	301	0.229	ug/l #	72
16) Acetone	4.251	43	1419	0.508	ug/l	93
20) Methylene Chloride	5.010	84	315	Below Cal	#	74
25) 2-Butanone	7.240	43	2588	0.584	ug/l #	45
26) 2,2-Dichloropropane	7.228	77	2980	Below Cal	#	53
29) Tetrahydrofuran	7.645	42	662	0.226	ug/l #	29
31) Cyclohexane	8.010	56	8220	1.196	ug/l #	21
36) 1,1-Dichloropropene	8.010	75	28693	5.740	ug/l #	50
38) Carbon Tetrachloride	8.016	117	36957	7.029	ug/l #	17
76) 1,2,3-Trichloropropane	12.669	75	141205	21.822	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	141205	58.932	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.304	105	4705	0.279	ug/l	86
92) 1,2-Dibromo-3-Chloropr...	14.374	75	74	Below Cal		77
95) Naphthalene	15.433	128	32328	1.568	ug/l #	94

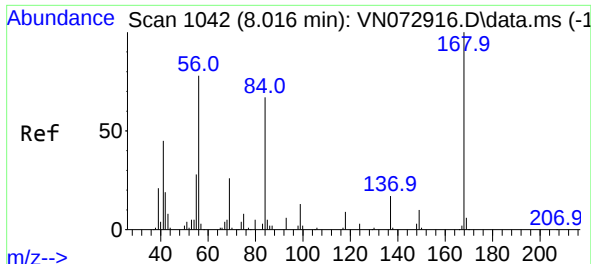
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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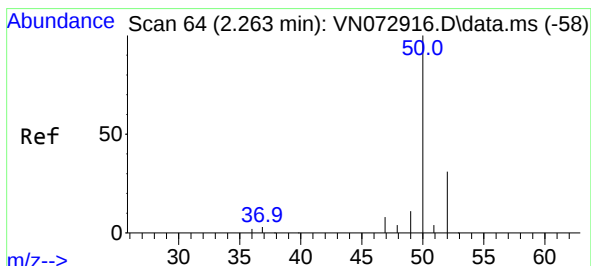
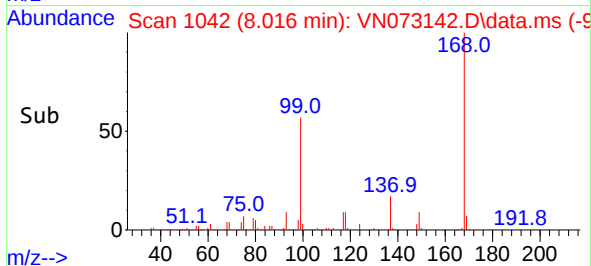
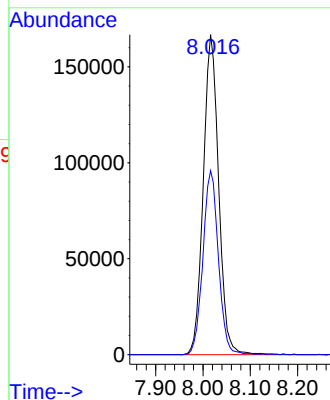
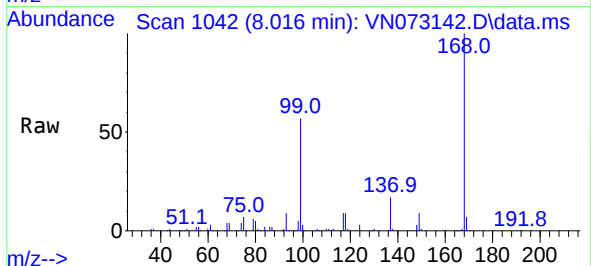




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN073142.D
Acq: 26 Jun 2022 06:09

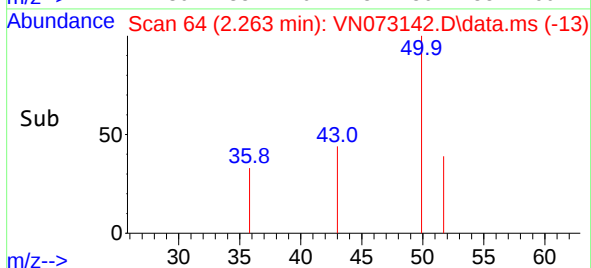
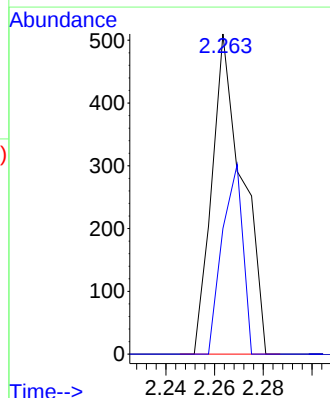
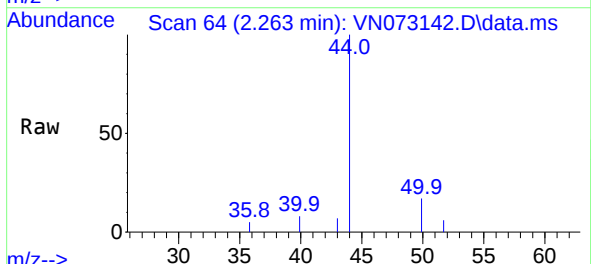
Instrument :
MSVOA_N
ClientSampleId :
B2201-35

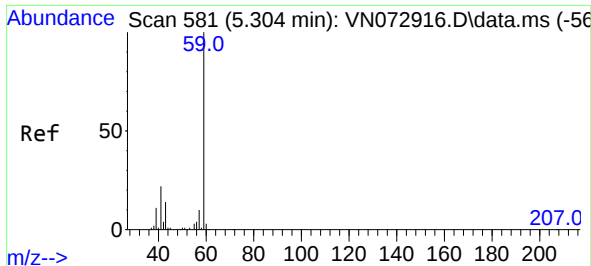
Tgt Ion:168 Resp: 375962
Ion Ratio Lower Upper
168 100
99 57.5 42.3 63.5



#3
Chloromethane
Concen: 0.683 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN073142.D
Acq: 26 Jun 2022 06:09

Tgt Ion: 50 Resp: 444
Ion Ratio Lower Upper
50 100
52 39.2 25.7 38.5#

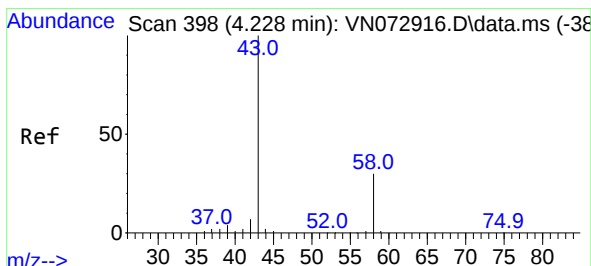
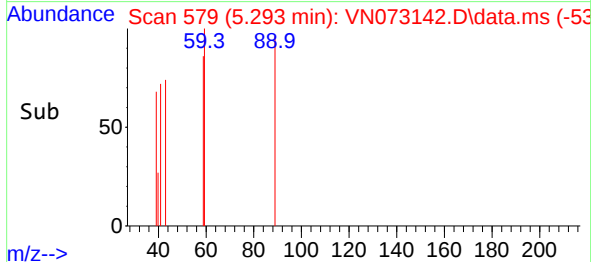
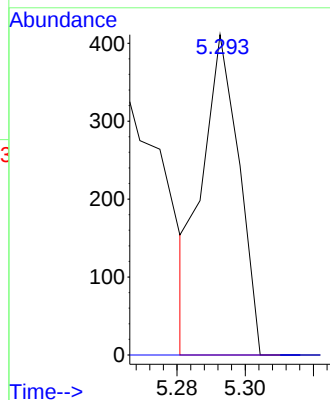
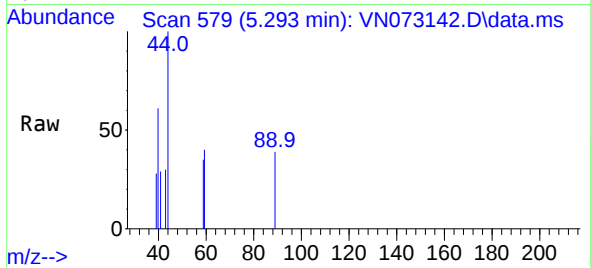




#11
Tert butyl alcohol
Concen: 0.229 ug/l
RT: 5.293 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN073142.D
Acq: 26 Jun 2022 06:09

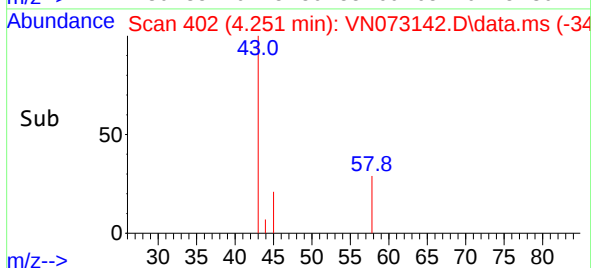
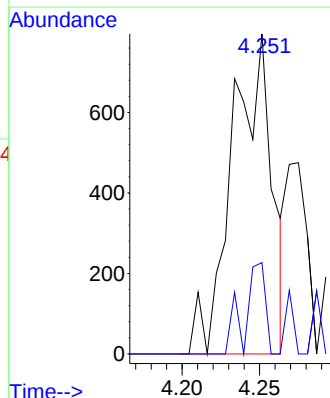
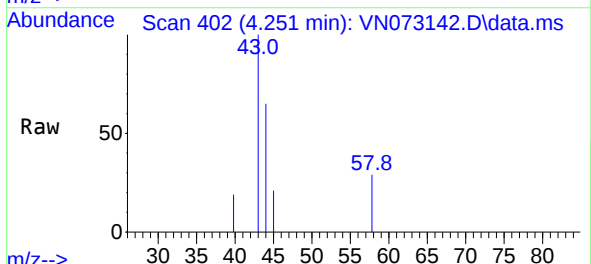
Instrument :
MSVOA_N
ClientSampleId :
B2201-35

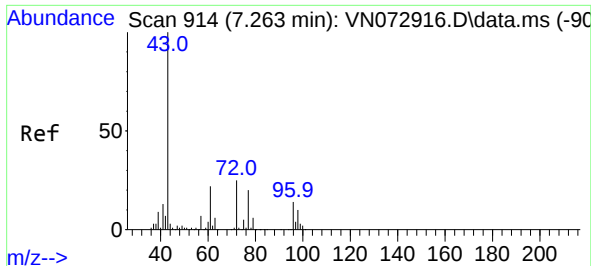
Tgt Ion: 59 Resp: 301
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 0.508 ug/l
RT: 4.251 min Scan# 402
Delta R.T. 0.024 min
Lab File: VN073142.D
Acq: 26 Jun 2022 06:09

Tgt Ion: 43 Resp: 1419
Ion Ratio Lower Upper
43 100
58 28.6 26.0 39.0

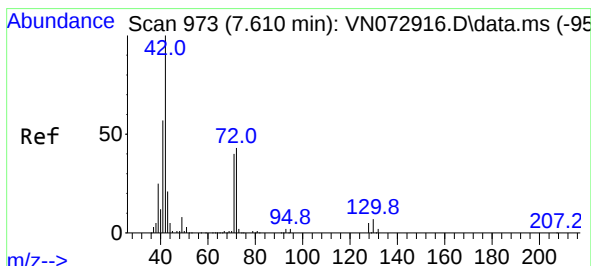
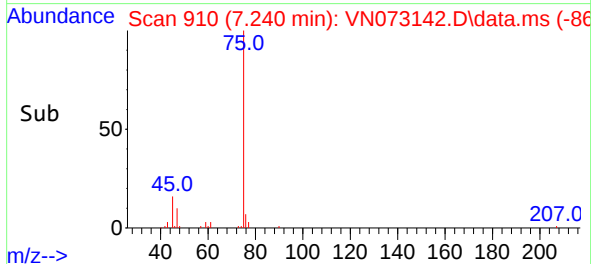
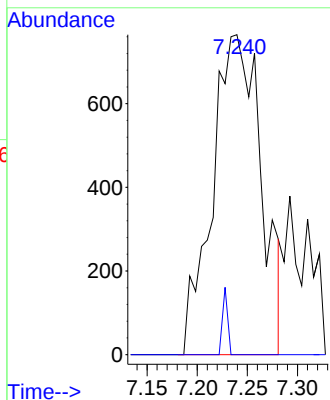
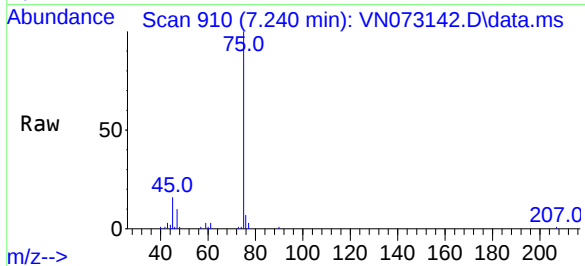




#25
2-Butanone
Concen: 0.584 ug/l
RT: 7.240 min Scan# 914
Delta R.T. -0.023 min
Lab File: VN073142.D
Acq: 26 Jun 2022 06:09

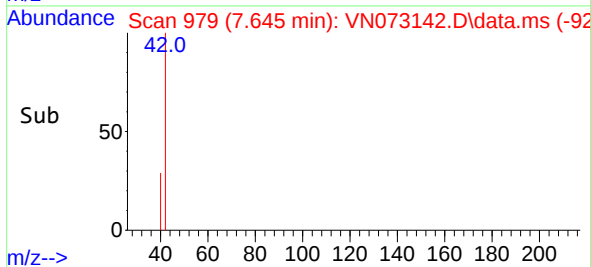
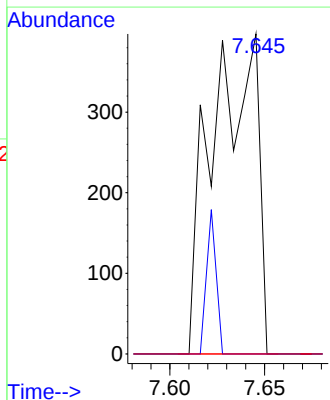
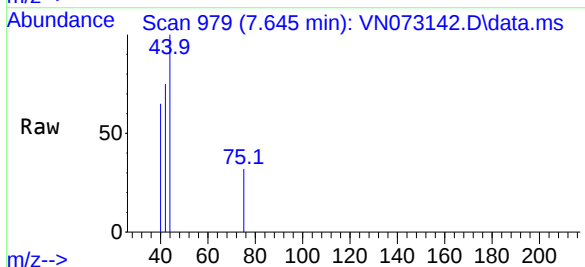
Instrument :
MSVOA_N
ClientSampleId :
B2201-35

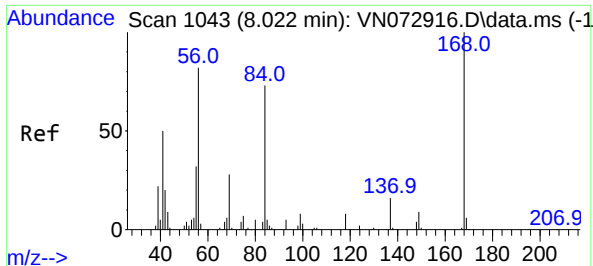
Tgt Ion: 43 Resp: 2588
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.226 ug/l
RT: 7.645 min Scan# 979
Delta R.T. 0.035 min
Lab File: VN073142.D
Acq: 26 Jun 2022 06:09

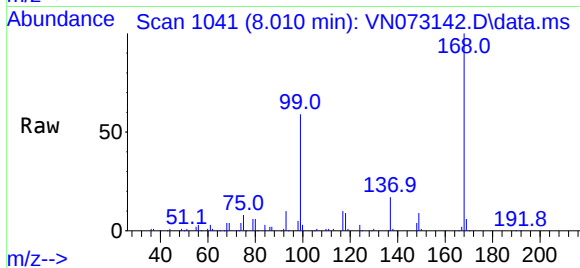
Tgt Ion: 42 Resp: 662
Ion Ratio Lower Upper
42 100
72 0.0 39.7 59.5#
71 0.0 36.6 55.0#



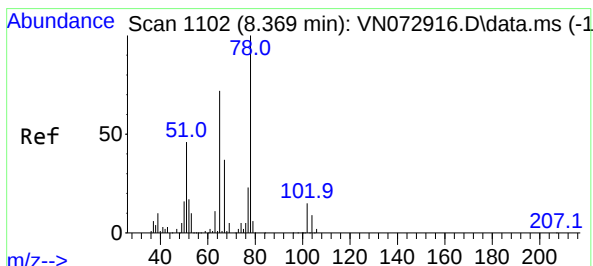
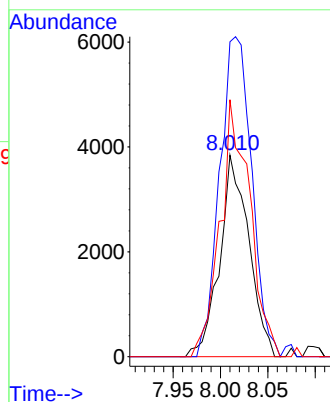
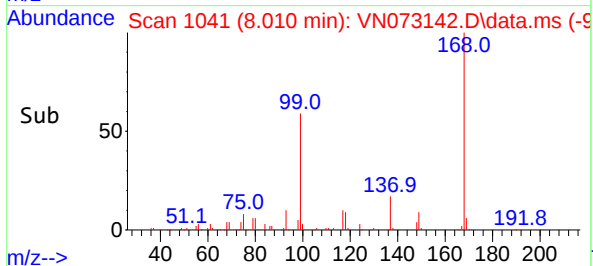


#31
Cyclohexane
Concen: 1.196 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VN073142.D
Acq: 26 Jun 2022 06:09

Instrument :
MSVOA_N
ClientSampleId :
B2201-35

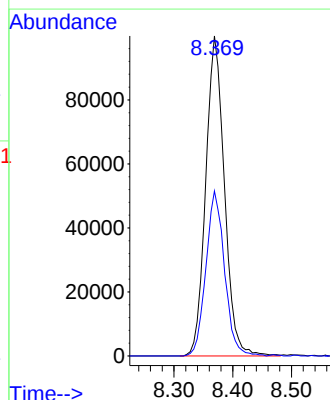
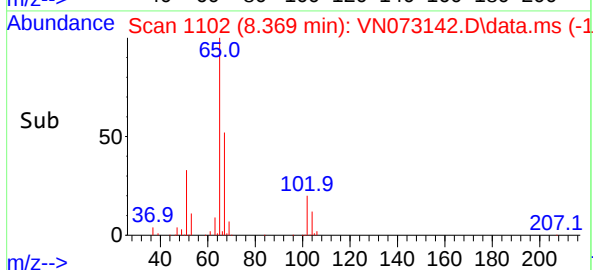
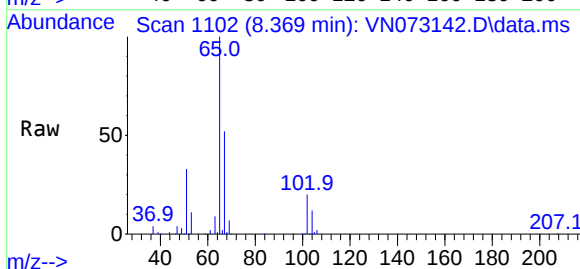


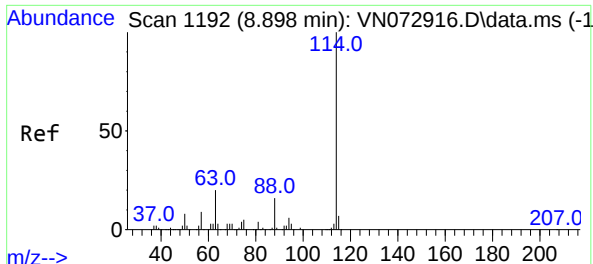
Tgt Ion: 56 Resp: 8220
Ion Ratio Lower Upper
56 100
69 156.3 27.8 41.8#
84 127.6 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 43.501 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073142.D
Acq: 26 Jun 2022 06:09

Tgt Ion: 65 Resp: 221113
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073142.D

Acq: 26 Jun 2022 06:09

Instrument :

MSVOA_N

ClientSampleId :

B2201-35

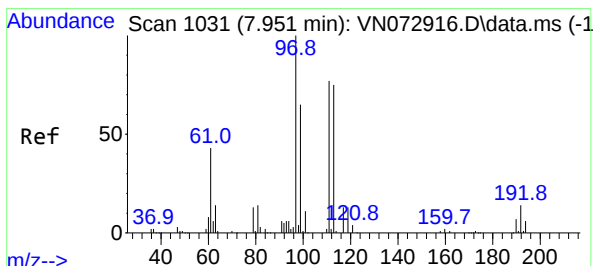
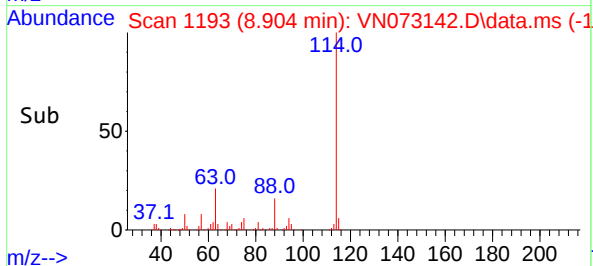
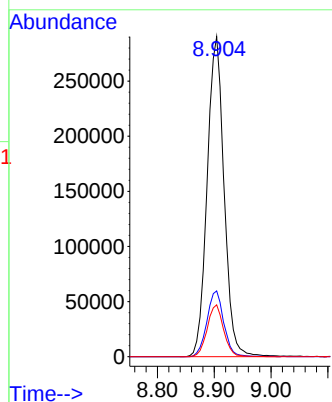
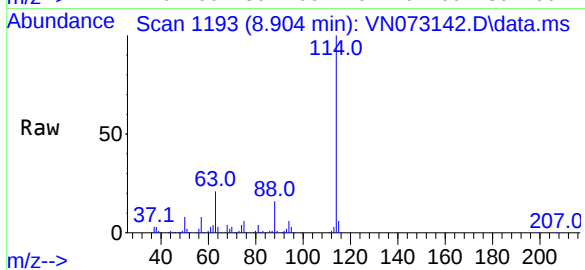
Tgt Ion:114 Resp: 597693

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.0

88 16.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.240 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073142.D

Acq: 26 Jun 2022 06:09

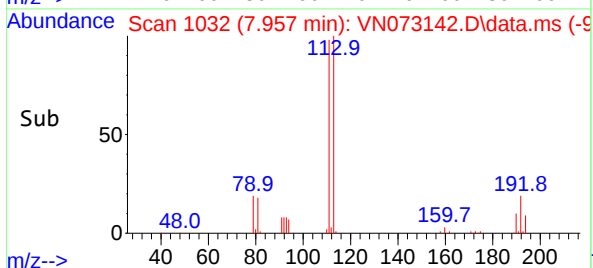
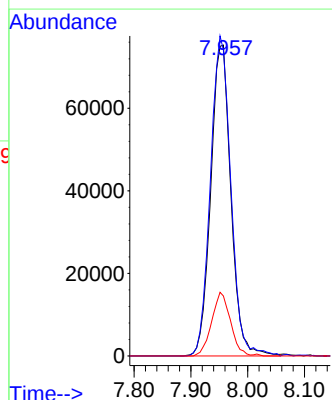
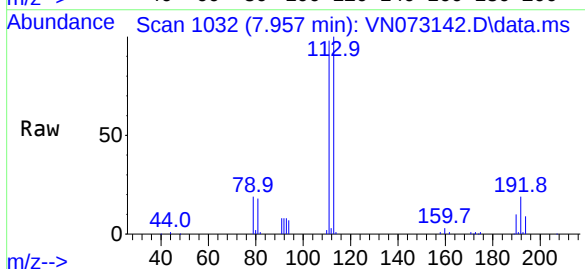
Tgt Ion:113 Resp: 185601

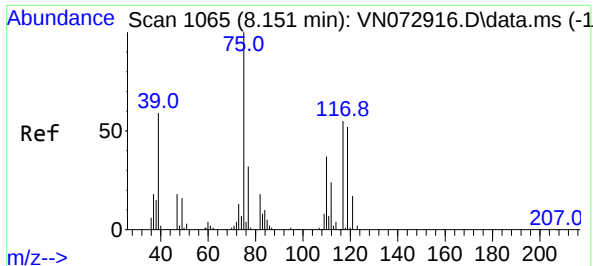
Ion Ratio Lower Upper

113 100

111 104.1 81.4 122.0

192 19.1 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.740 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.141 min

Lab File: VN073142.D

Acq: 26 Jun 2022 06:09

Instrument :

MSVOA_N

ClientSampleId :

B2201-35

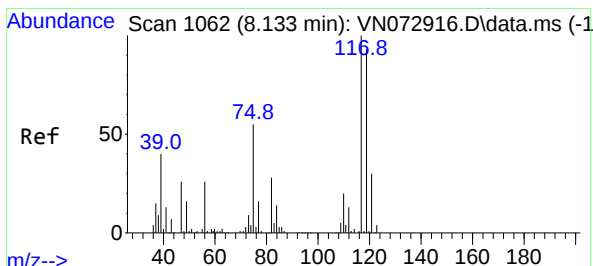
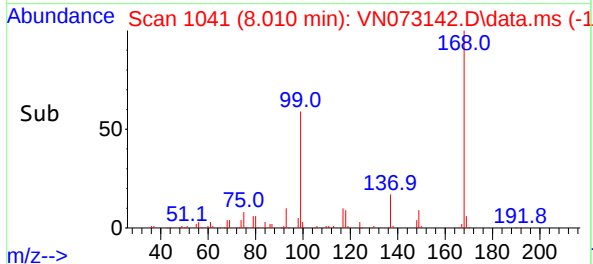
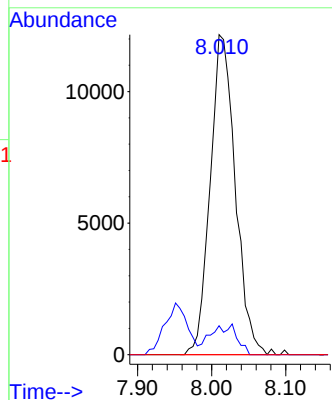
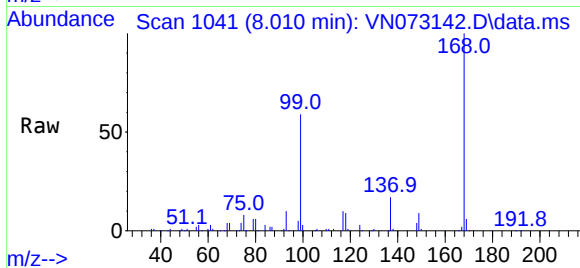
Tgt Ion: 75 Resp: 28693

Ion Ratio Lower Upper

75 100

110 10.0 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 7.029 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.117 min

Lab File: VN073142.D

Acq: 26 Jun 2022 06:09

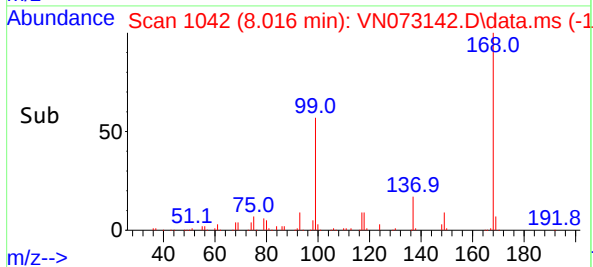
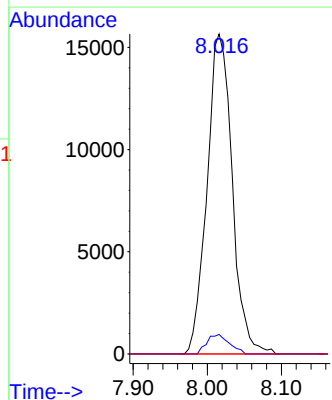
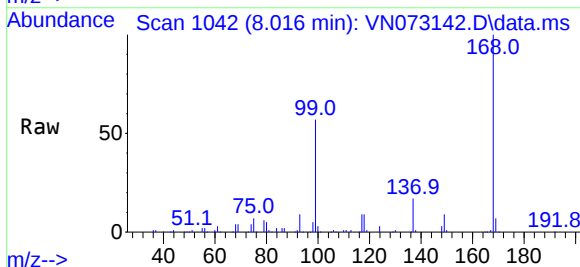
Tgt Ion: 117 Resp: 36957

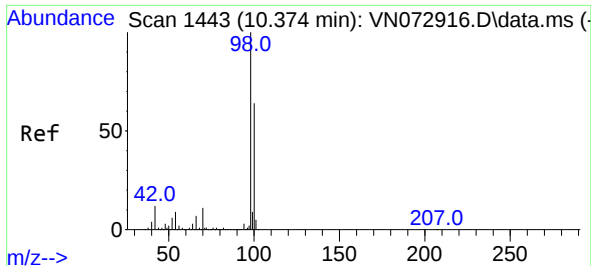
Ion Ratio Lower Upper

117 100

119 6.1 75.8 113.8#

121 0.0 24.6 37.0#

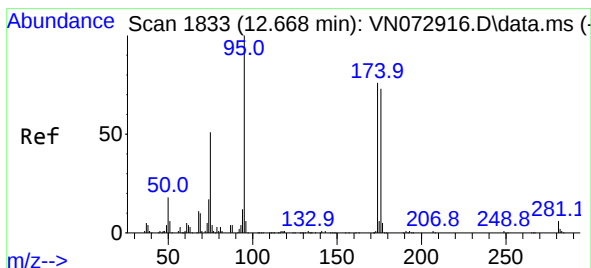
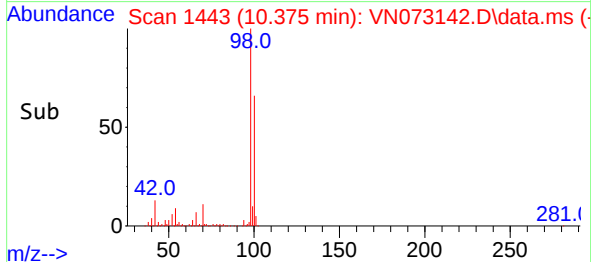
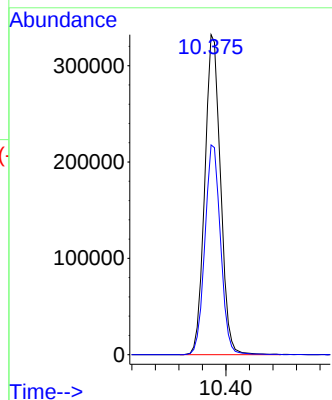
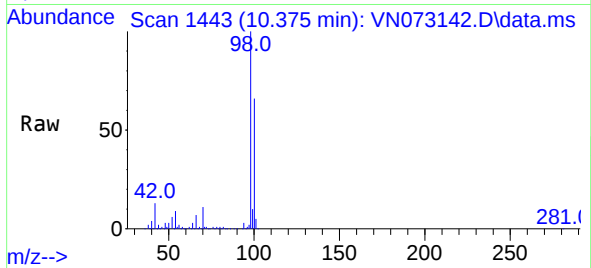




#50
Toluene-d8
Concen: 44.917 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073142.D
Acq: 26 Jun 2022 06:09

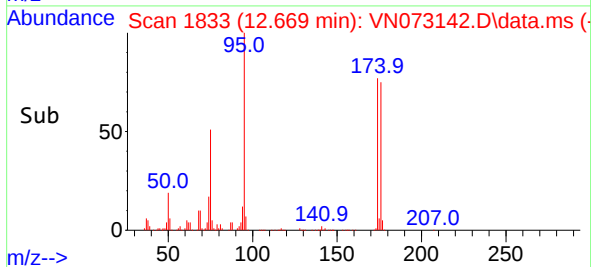
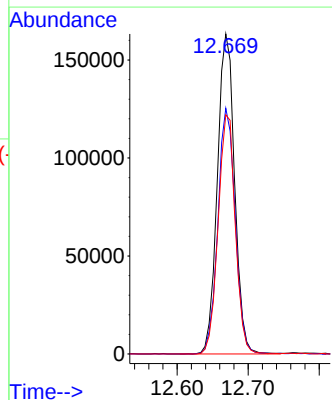
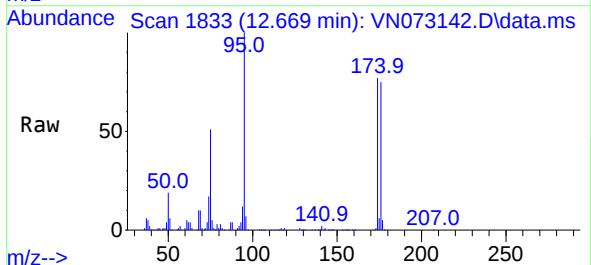
Instrument :
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B2201-35

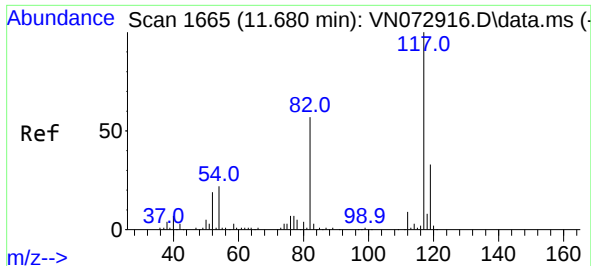
Tgt Ion: 98 Resp: 617456
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 55.550 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073142.D
Acq: 26 Jun 2022 06:09

Tgt Ion: 95 Resp: 274587
Ion Ratio Lower Upper
95 100
174 77.2 0.0 167.6
176 74.3 0.0 163.4

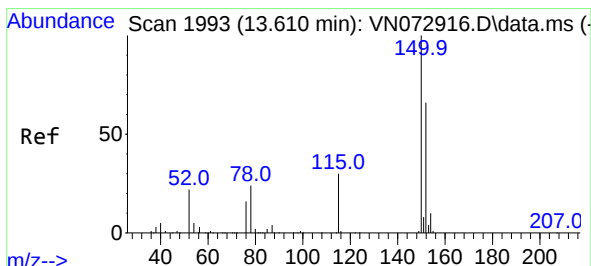
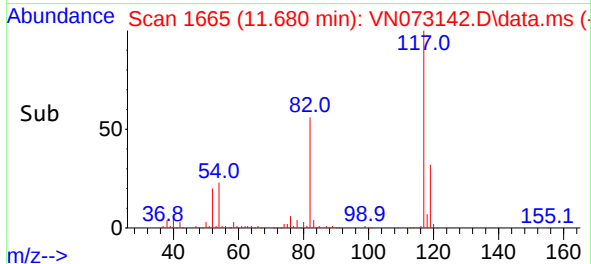
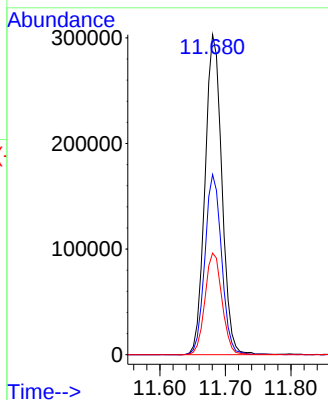
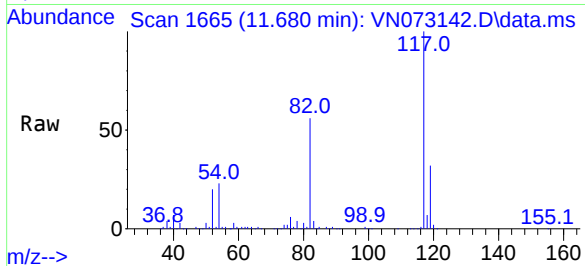




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN073142.D
Acq: 26 Jun 2022 06:09

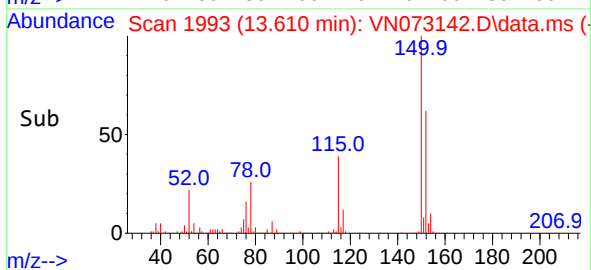
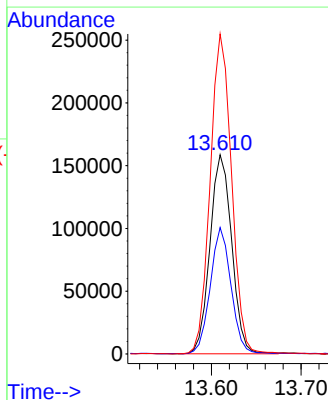
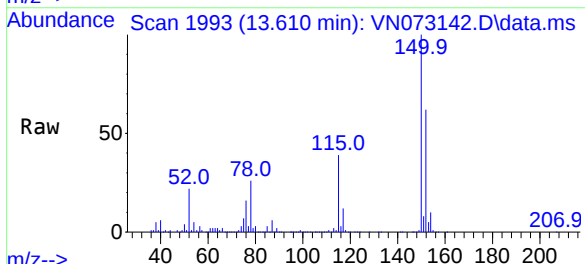
Instrument :
MSVOA_N
ClientSampleId :
B2201-35

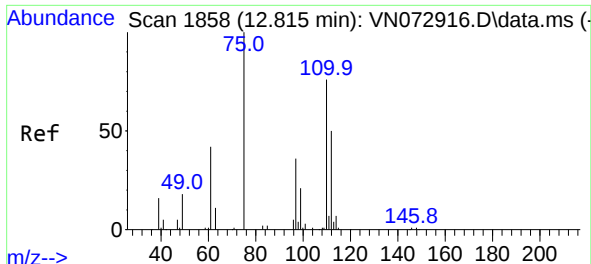
Tgt Ion:117 Resp: 542482
Ion Ratio Lower Upper
117 100
82 56.3 44.2 66.2
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073142.D
Acq: 26 Jun 2022 06:09

Tgt Ion:152 Resp: 266896
Ion Ratio Lower Upper
152 100
115 60.4 28.9 86.7
150 159.0 0.0 356.2

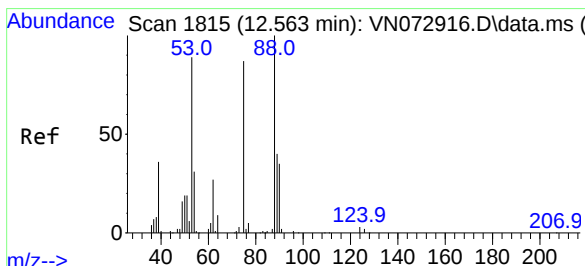
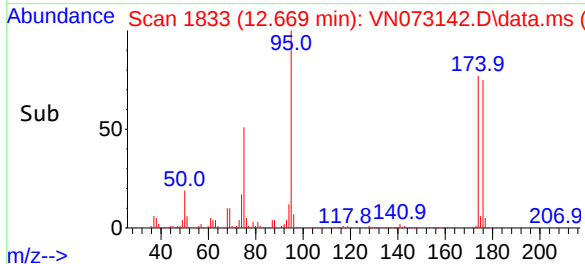
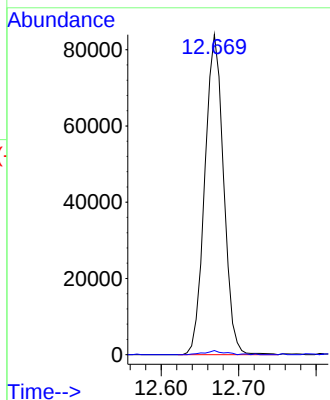
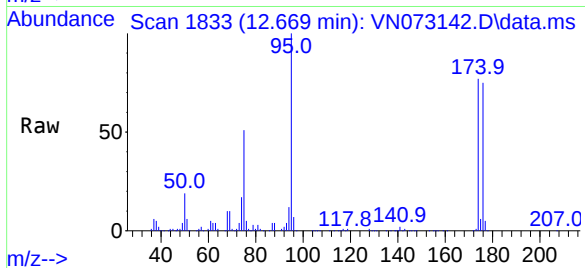




#76
1,2,3-Trichloropropane
Concen: 21.822 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073142.D
Acq: 26 Jun 2022 06:09

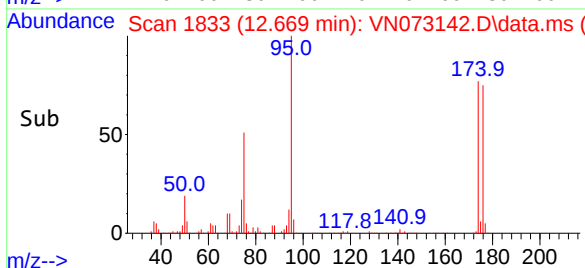
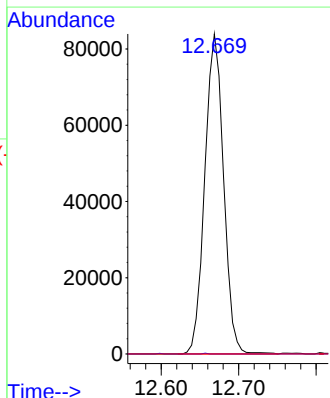
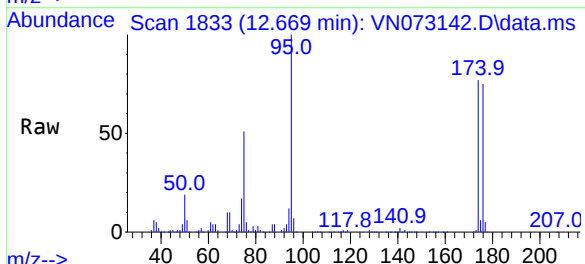
Instrument :
MSVOA_N
ClientSampleId :
B2201-35

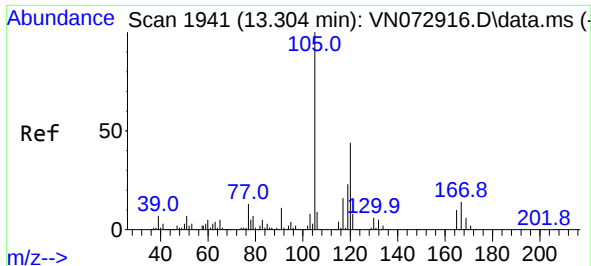
Tgt Ion: 75 Resp: 141205
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.932 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073142.D
Acq: 26 Jun 2022 06:09

Tgt Ion: 75 Resp: 141205
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#

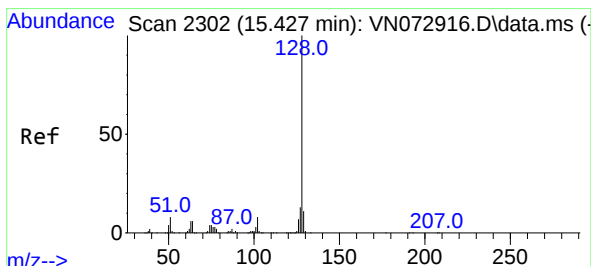
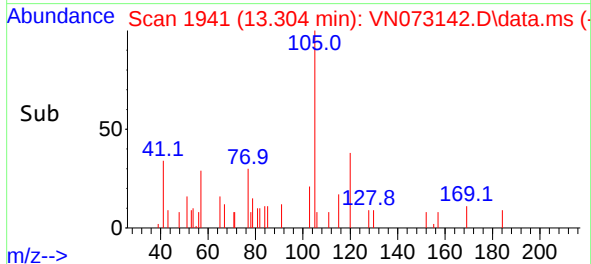
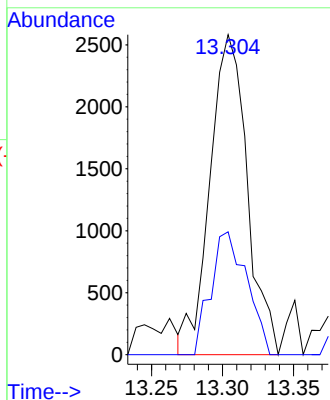
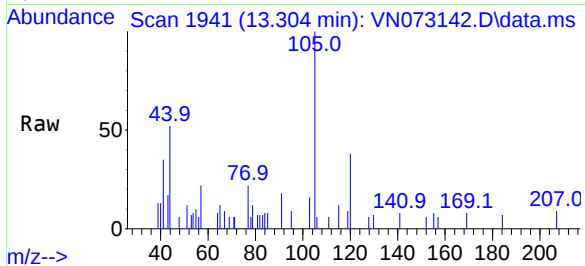




#84
1,2,4-Trimethylbenzene
Concen: 0.279 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN073142.D
Acq: 26 Jun 2022 06:09

Instrument :
MSVOA_N
ClientSampleId :
B2201-35

Tgt Ion:105 Resp: 4705
Ion Ratio Lower Upper
105 100
120 37.2 23.3 69.8



#95
Naphthalene
Concen: 1.568 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN073142.D
Acq: 26 Jun 2022 06:09

Tgt Ion:128 Resp: 32328
Ion Ratio Lower Upper
128 100
127 14.8 10.3 15.5
129 13.3 8.6 13.0#

