

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
 Data File : VN073121.D
 Acq On : 25 Jun 2022 19:34
 Operator : JC\MD
 Sample : N3434-04 40X
 Misc : 6.97g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B2204-35

Quant Time: Jun 27 03:46:32 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)

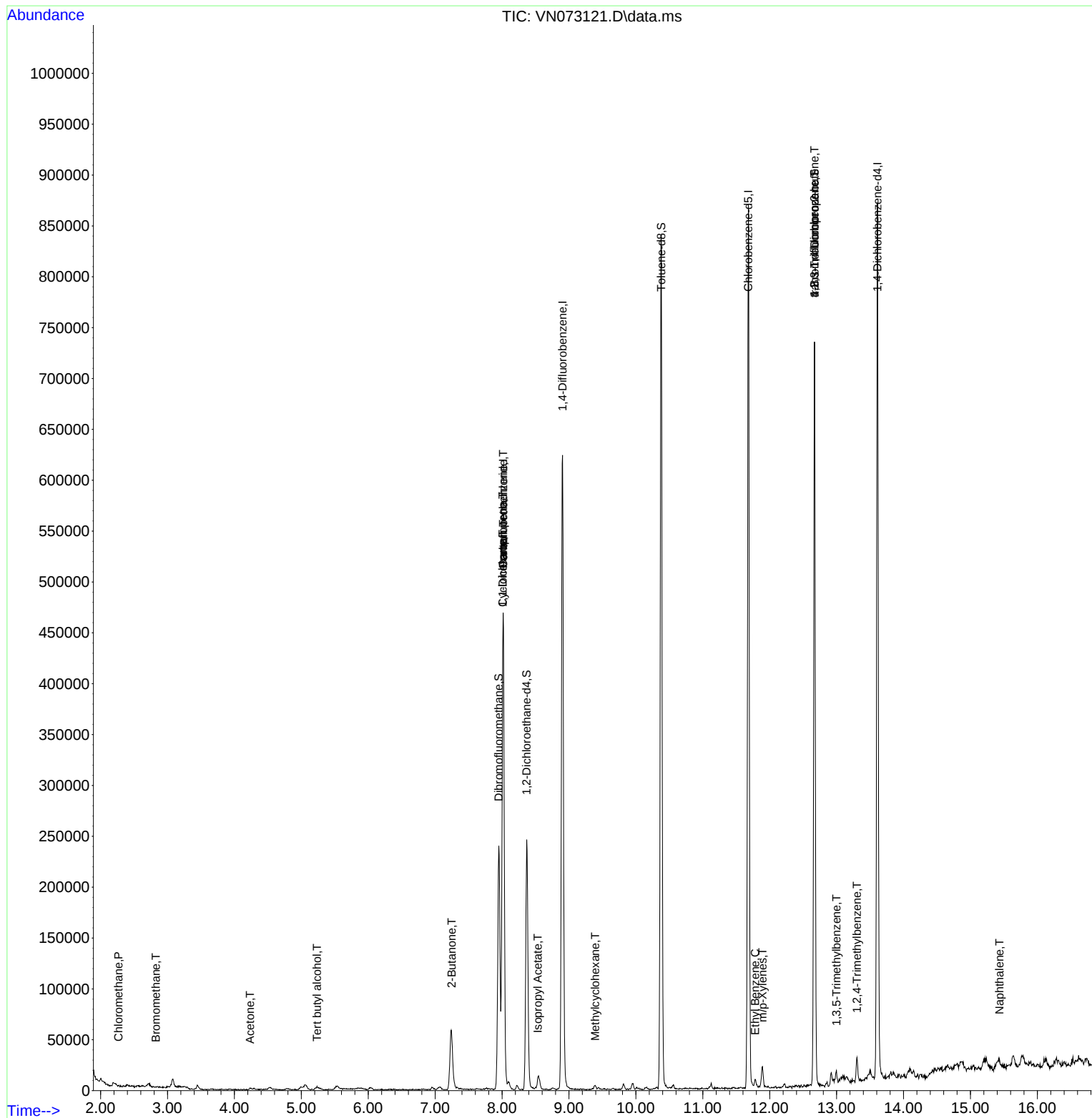
Internal Standards						
1) Pentafluorobenzene	8.016	168	361892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	564239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	507984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	231523	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	208791	42.674	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.340%		
35) Dibromofluoromethane	7.951	113	176524	50.616	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.240%		
50) Toluene-d8	10.380	98	590169	45.478	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.960%		
62) 4-Bromofluorobenzene	12.668	95	247863	53.117	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.240%		
Target Compounds					Qvalue	
3) Chloromethane	2.269	50	444	0.688	ug/l #	43
5) Bromomethane	2.828	94	248	0.204	ug/l #	2
11) Tert butyl alcohol	5.234	59	1767	1.398	ug/l #	72
16) Acetone	4.234	43	2643	0.983	ug/l #	87
20) Methylene Chloride	5.010	84	472	Below Cal	#	63
25) 2-Butanone	7.245	43	4246	0.995	ug/l #	69
31) Cyclohexane	8.010	56	8931	1.349	ug/l #	45
36) 1,1-Dichloropropene	8.010	75	28569	6.054	ug/l #	49
38) Carbon Tetrachloride	8.016	117	37176	7.490	ug/l #	17
39) Methylcyclohexane	9.392	83	1330	0.234	ug/l #	92
43) Isopropyl Acetate	8.533	43	3066	0.284	ug/l #	53
67) Ethyl Benzene	11.780	91	4868	0.279	ug/l #	80
68) m/p-Xylenes	11.892	106	5792	0.846	ug/l	81
76) 1,2,3-Trichloropropane	12.668	75	127906	22.786	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.998	105	4619	0.314	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.668	75	127906	61.538	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.304	105	12933	0.883	ug/l	98
95) Naphthalene	15.433	128	4387	0.245	ug/l #	62

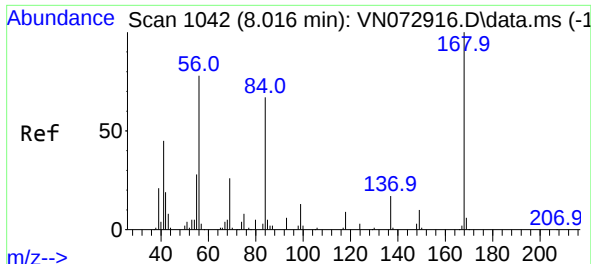
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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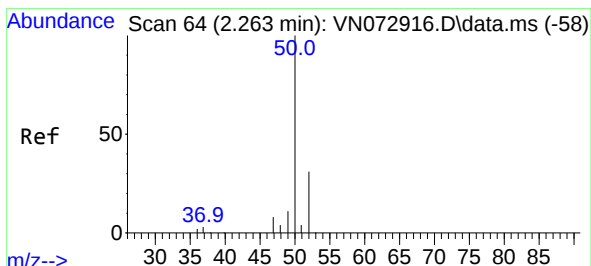
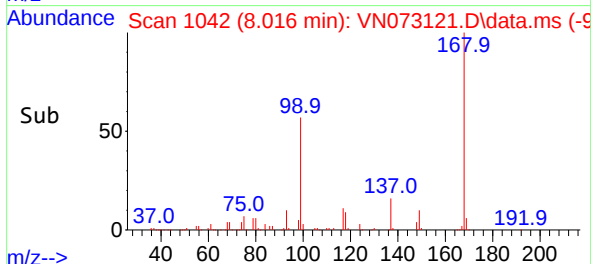
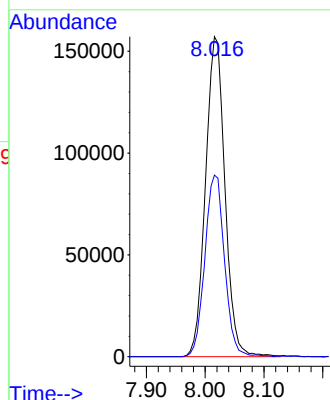
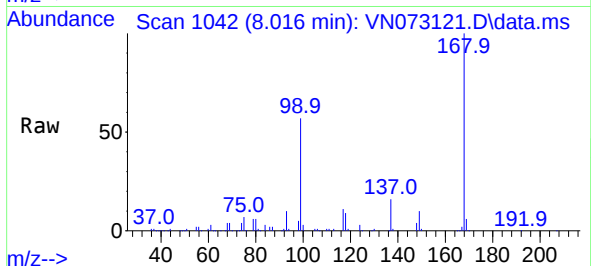




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN073121.D
Acq: 25 Jun 2022 19:34

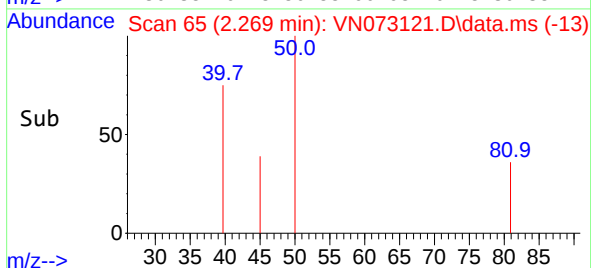
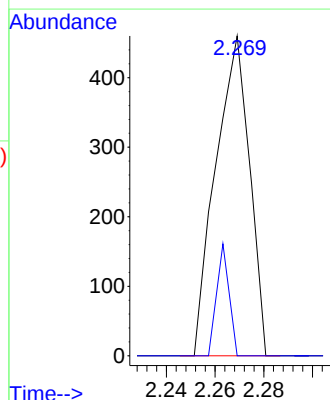
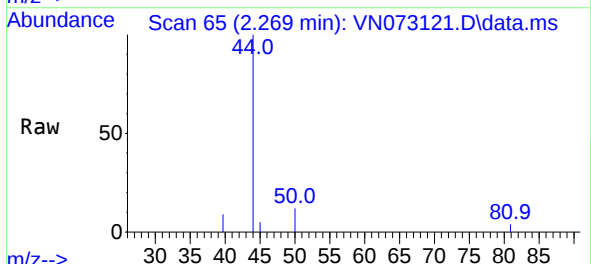
Instrument :
MSVOA_N
ClientSampleId :
B2204-35

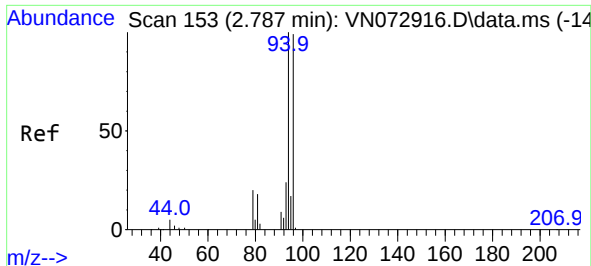
Tgt Ion:168 Resp: 361892
Ion Ratio Lower Upper
168 100
99 56.7 42.3 63.5



#3
Chloromethane
Concen: 0.688 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN073121.D
Acq: 25 Jun 2022 19:34

Tgt Ion: 50 Resp: 444
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

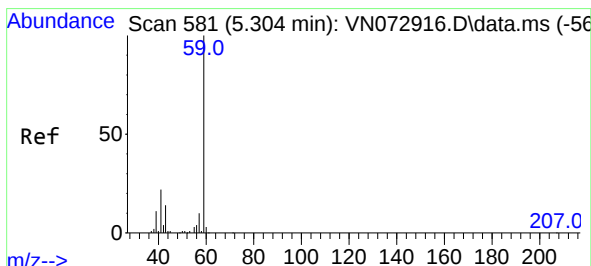
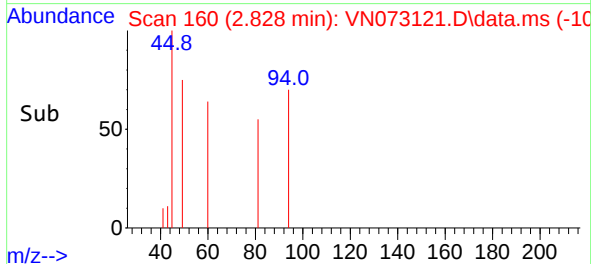
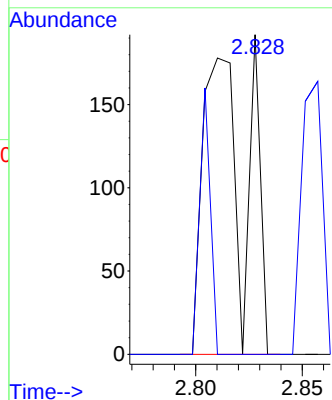
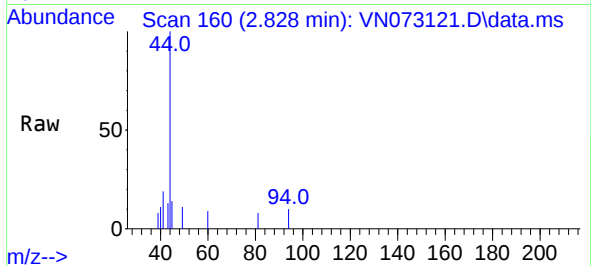




#5
Bromomethane
Concen: 0.204 ug/l
RT: 2.828 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN073121.D
Acq: 25 Jun 2022 19:34

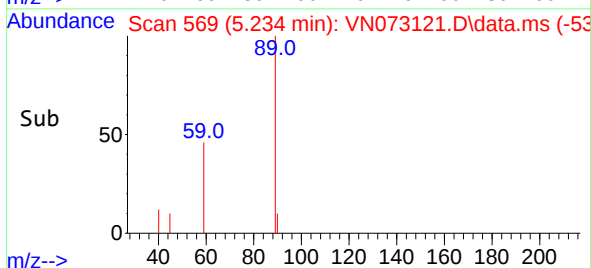
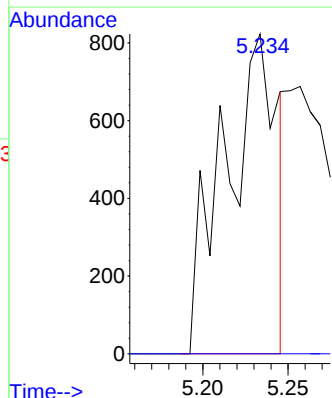
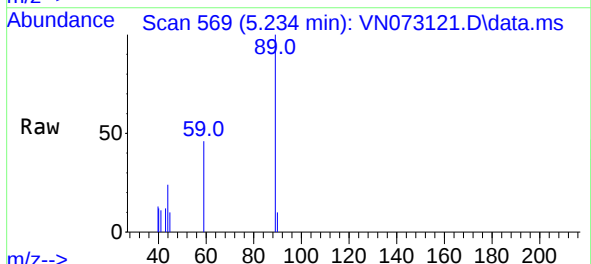
Instrument :
MSVOA_N
ClientSampleId :
B2204-35

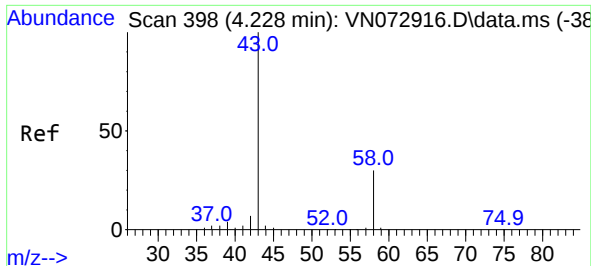
Tgt Ion: 94 Resp: 248
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#11
Tert butyl alcohol
Concen: 1.398 ug/l
RT: 5.234 min Scan# 569
Delta R.T. -0.071 min
Lab File: VN073121.D
Acq: 25 Jun 2022 19:34

Tgt Ion: 59 Resp: 1767
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16

Acetone

Concen: 0.983 ug/l

RT: 4.234 min Scan# 399

Delta R.T. 0.006 min

Lab File: VN073121.D

Acq: 25 Jun 2022 19:34

Instrument :

MSVOA_N

ClientSampleId :

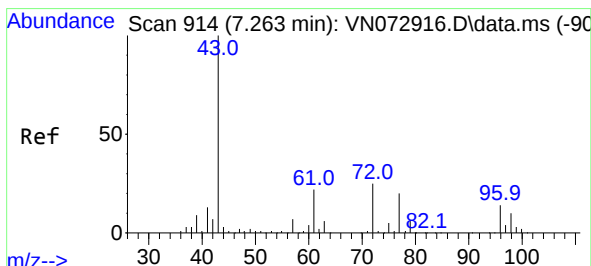
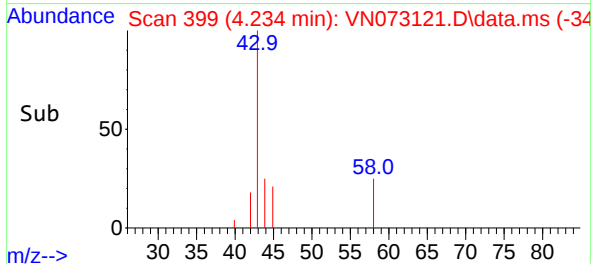
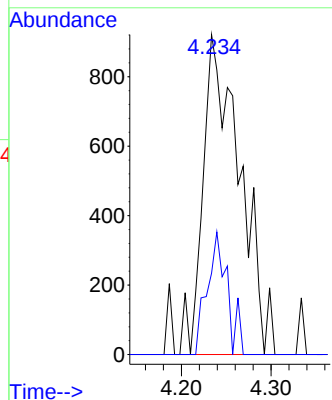
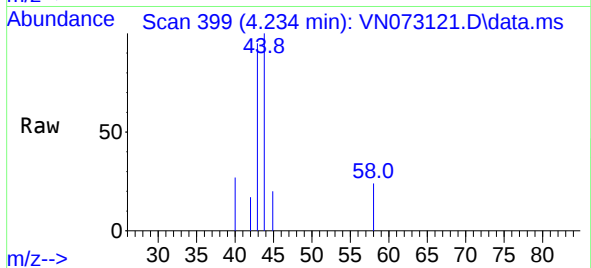
B2204-35

Tgt Ion: 43 Resp: 2643

Ion Ratio Lower Upper

43 100

58 25.4 26.0 39.0#



#25

2-Butanone

Concen: 0.995 ug/l

RT: 7.245 min Scan# 911

Delta R.T. -0.018 min

Lab File: VN073121.D

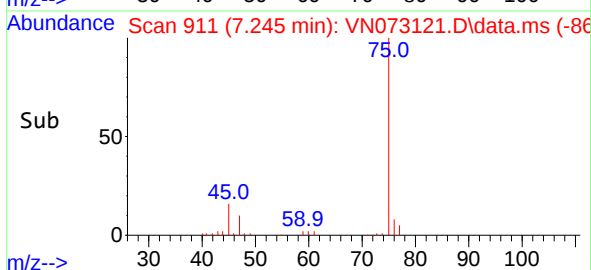
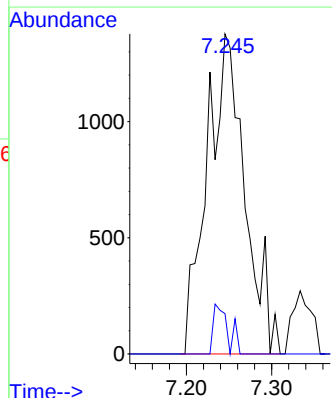
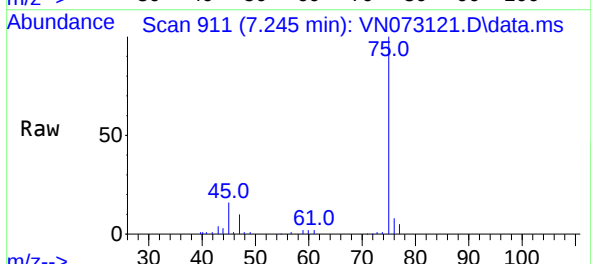
Acq: 25 Jun 2022 19:34

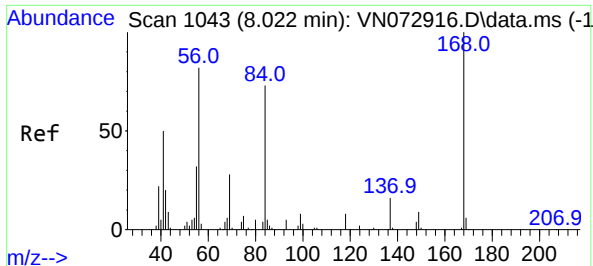
Tgt Ion: 43 Resp: 4246

Ion Ratio Lower Upper

43 100

72 12.6 23.7 35.5#





#31

Cyclohexane

Concen: 1.349 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.012 min

Lab File: VN073121.D

Acq: 25 Jun 2022 19:34

Instrument :

MSVOA_N

ClientSampleId :

B2204-35

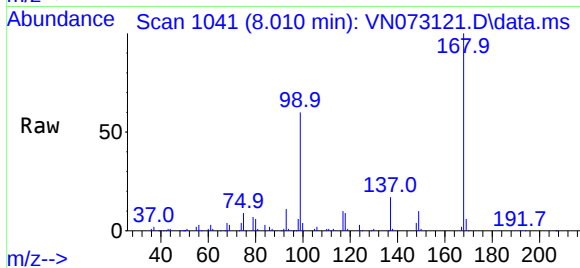
Tgt Ion: 56 Resp: 8931

Ion Ratio Lower Upper

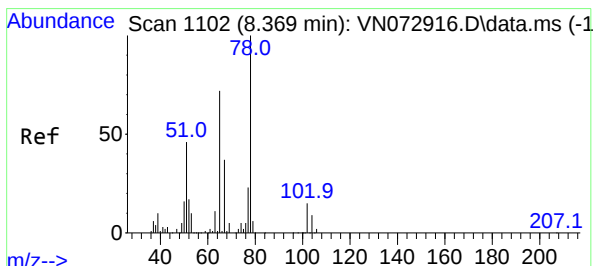
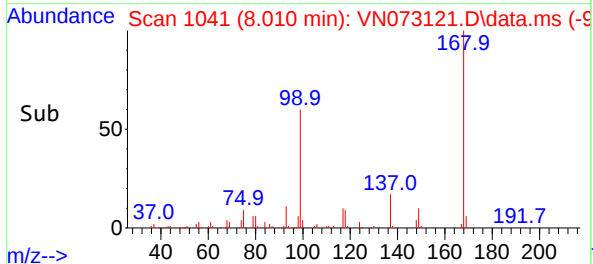
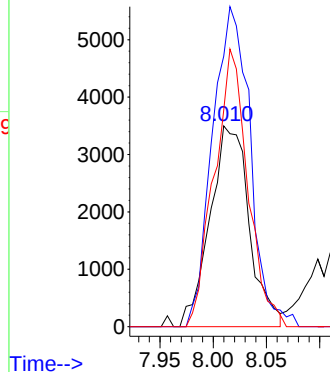
56 100

69 134.6 27.8 41.8#

84 107.7 76.9 115.3



Abundance



#33

1,2-Dichloroethane-d4

Concen: 42.674 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073121.D

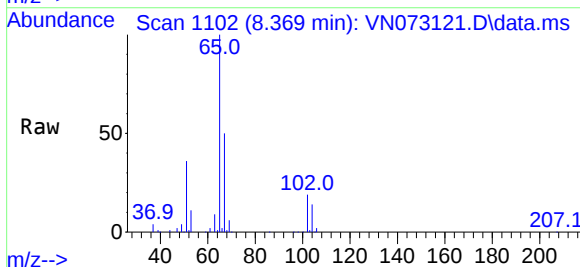
Acq: 25 Jun 2022 19:34

Tgt Ion: 65 Resp: 208791

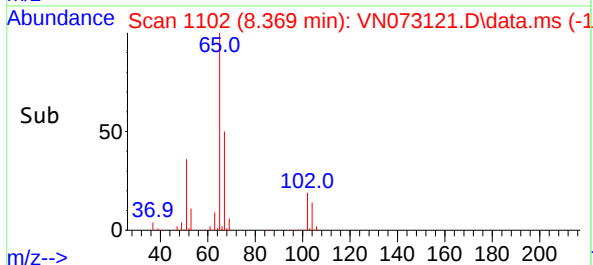
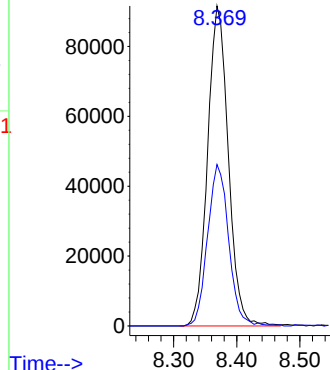
Ion Ratio Lower Upper

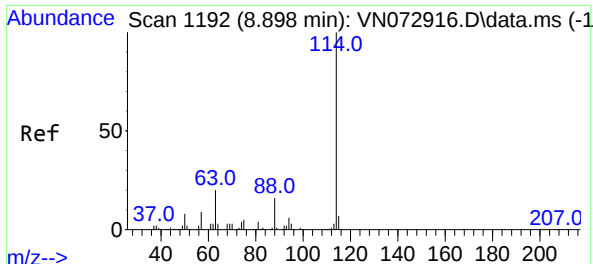
65 100

67 51.4 0.0 104.8



Abundance





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073121.D

Acq: 25 Jun 2022 19:34

Instrument :

MSVOA_N

ClientSampleId :

B2204-35

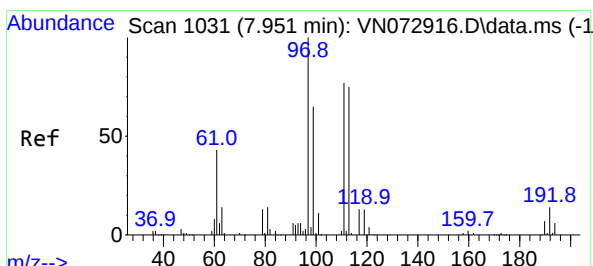
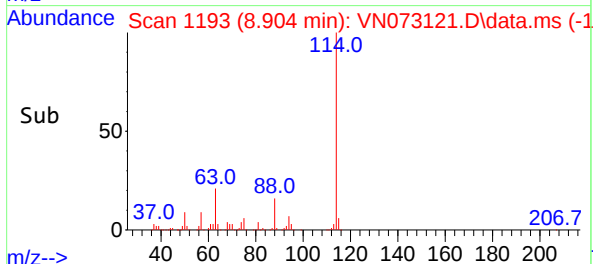
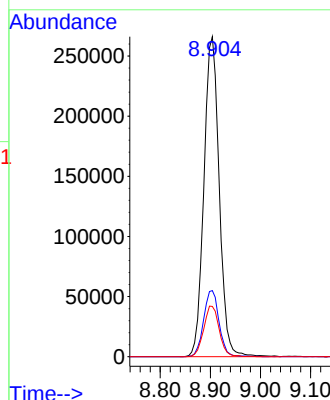
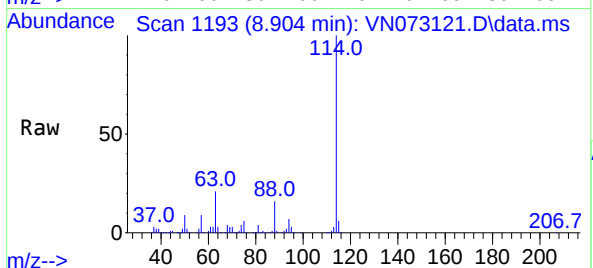
Tgt Ion:114 Resp: 564239

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.0

88 15.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.616 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN073121.D

Acq: 25 Jun 2022 19:34

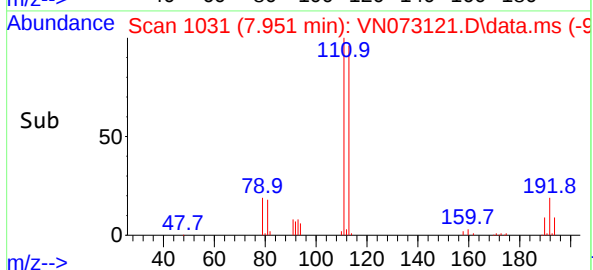
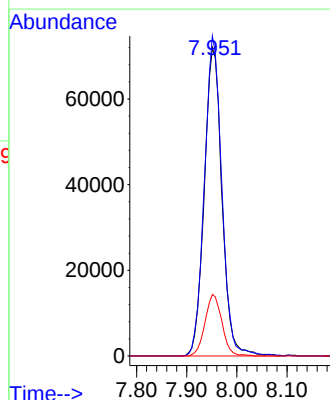
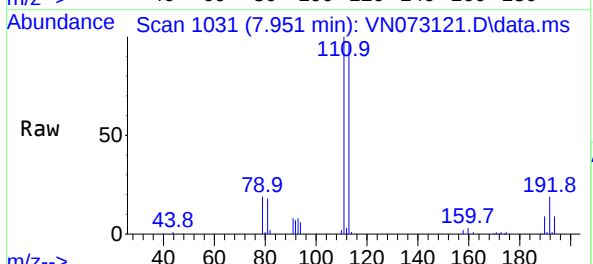
Tgt Ion:113 Resp: 176524

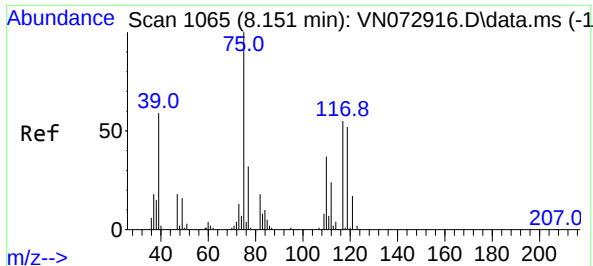
Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 19.1 17.0 25.6





#36

1,1-Dichloropropene

Concen: 6.054 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.141 min

Lab File: VN073121.D

Acq: 25 Jun 2022 19:34

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ClientSampleId :

B2204-35

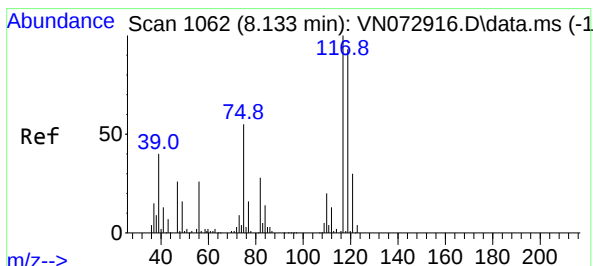
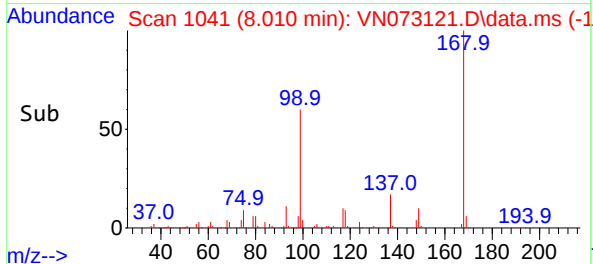
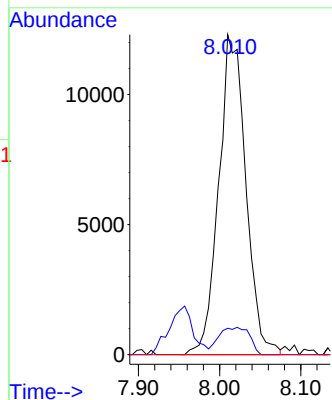
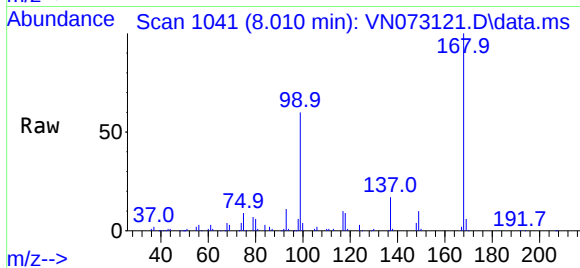
Tgt Ion: 75 Resp: 28569

Ion Ratio Lower Upper

75 100

110 9.6 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 7.490 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN073121.D

Acq: 25 Jun 2022 19:34

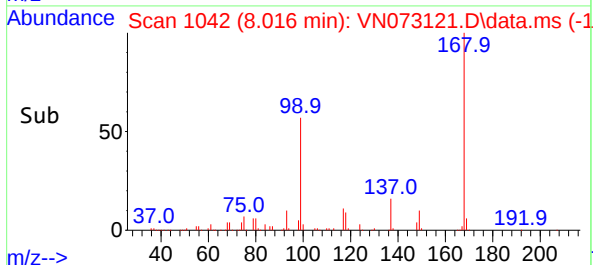
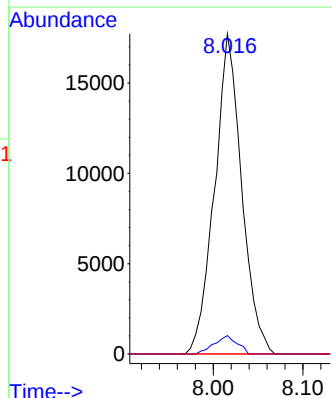
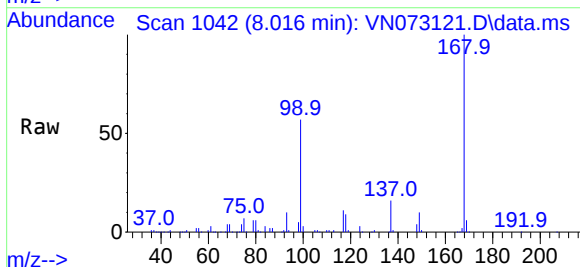
Tgt Ion: 117 Resp: 37176

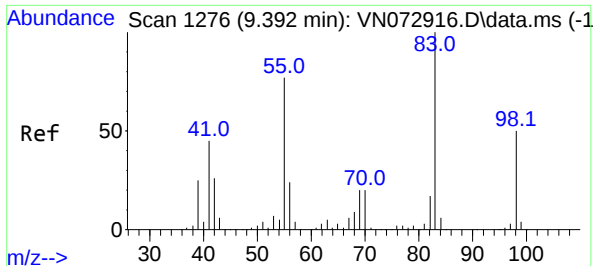
Ion Ratio Lower Upper

117 100

119 5.8 75.8 113.8#

121 0.0 24.6 37.0#

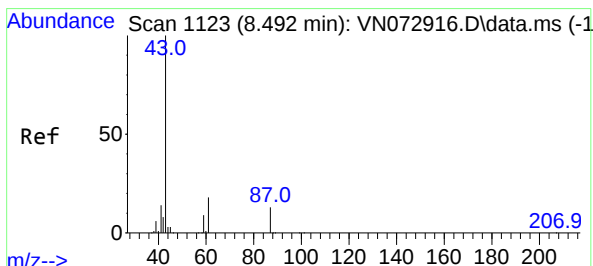
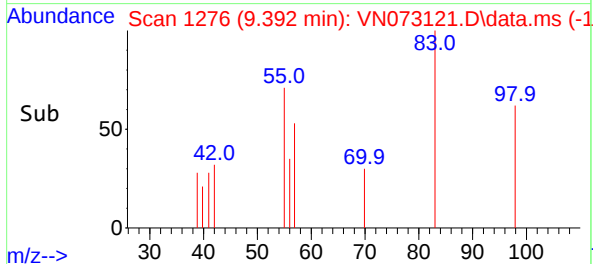
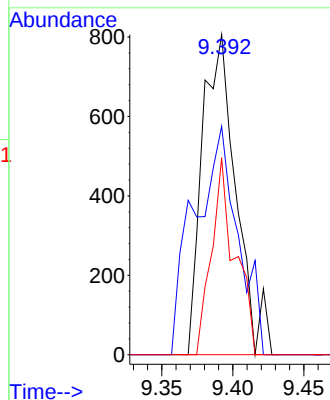
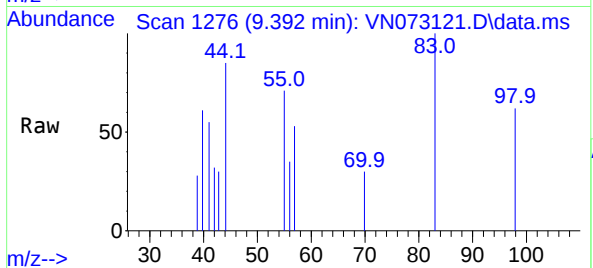




#39
Methylcyclohexane
Concen: 0.234 ug/l
RT: 9.392 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN073121.D
Acq: 25 Jun 2022 19:34

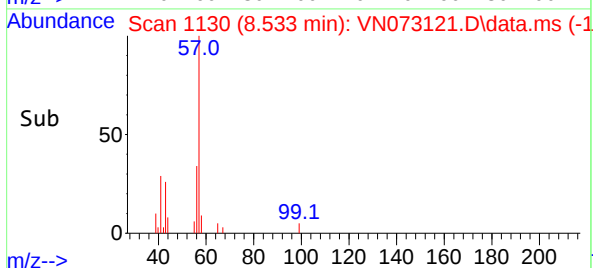
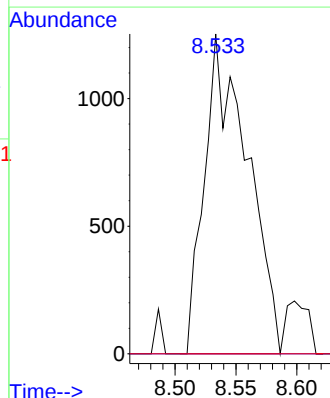
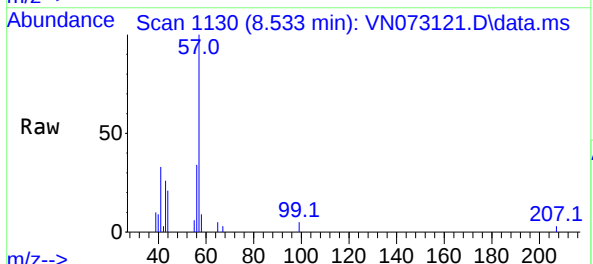
Instrument :
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B2204-35

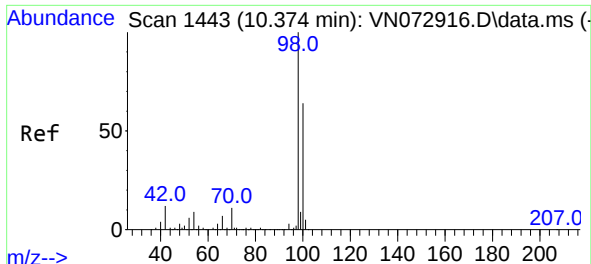
Tgt Ion: 83	Resp:	1330
Ion	Ratio	Lower Upper
83	100	
55	71.3	57.8 86.8
98	61.5	39.4 59.2#



#43
Isopropyl Acetate
Concen: 0.284 ug/l
RT: 8.533 min Scan# 1130
Delta R.T. 0.041 min
Lab File: VN073121.D
Acq: 25 Jun 2022 19:34

Tgt Ion: 43	Resp:	3066
Ion	Ratio	Lower Upper
43	100	
61	0.0	21.9 32.9#
87	0.0	12.0 18.0#

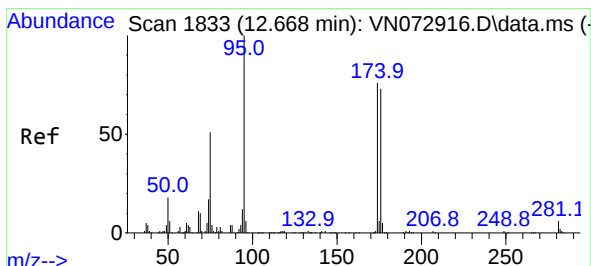
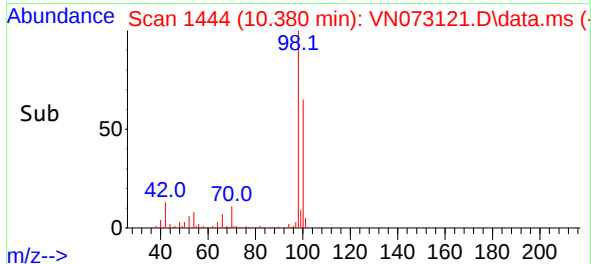
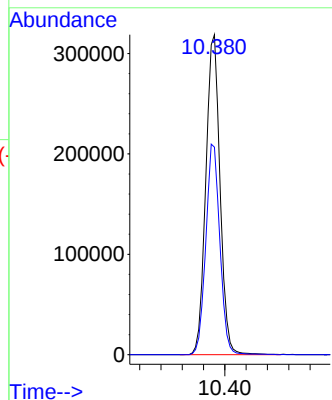
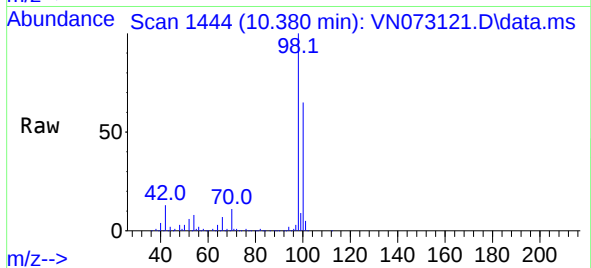




#50
Toluene-d8
Concen: 45.478 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073121.D
Acq: 25 Jun 2022 19:34

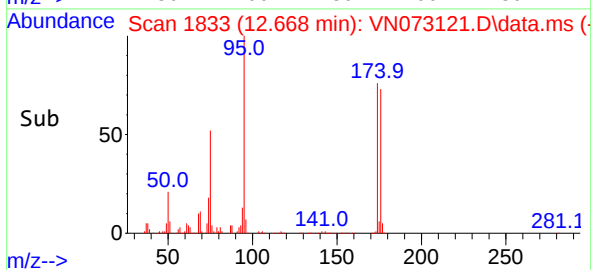
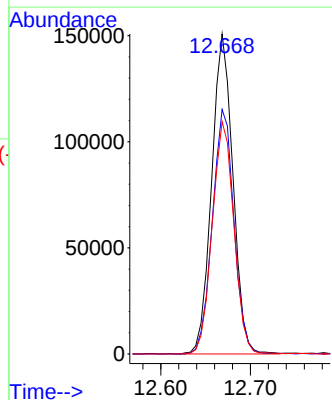
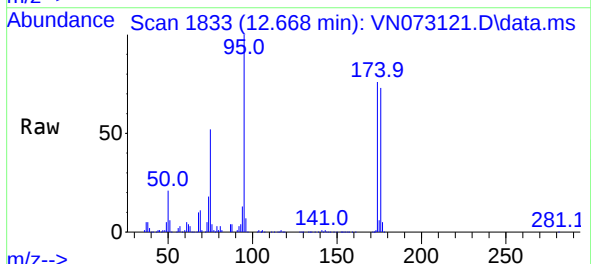
Instrument :
MSVOA_N
ClientSampleId :
B2204-35

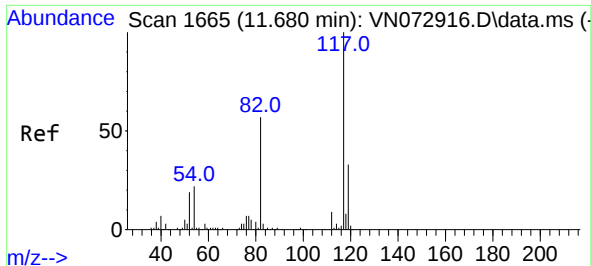
Tgt Ion: 98 Resp: 590169
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 53.117 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073121.D
Acq: 25 Jun 2022 19:34

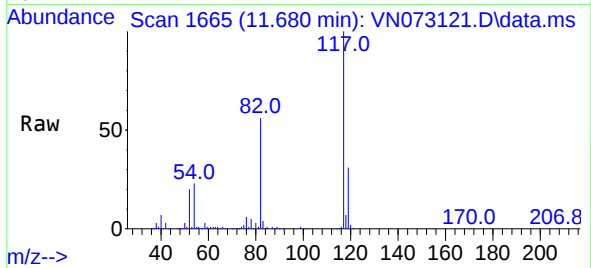
Tgt Ion: 95 Resp: 247863
Ion Ratio Lower Upper
95 100
174 77.6 0.0 167.6
176 73.8 0.0 163.4



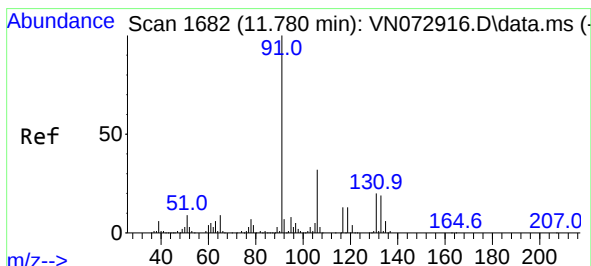
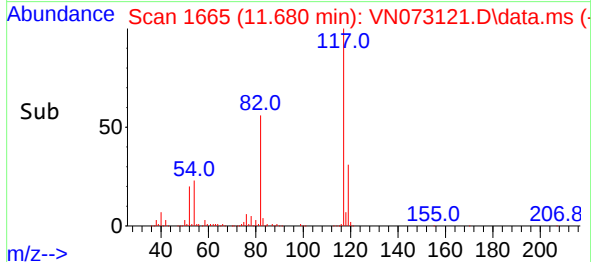
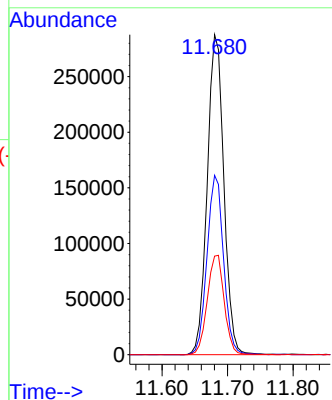


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VN073121.D
Acq: 25 Jun 2022 19:34

Instrument :
MSVOA_N
ClientSampleId :
B2204-35

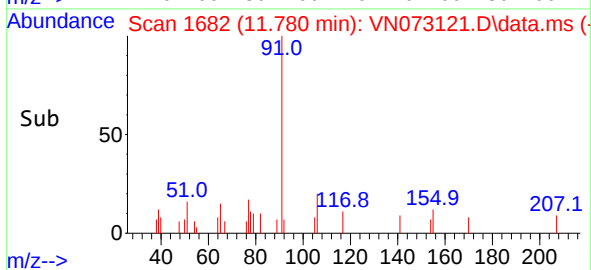
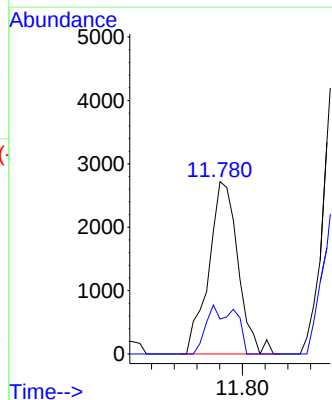
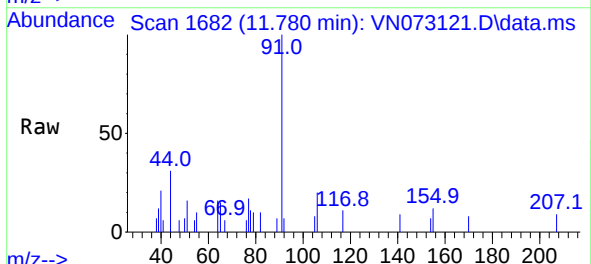


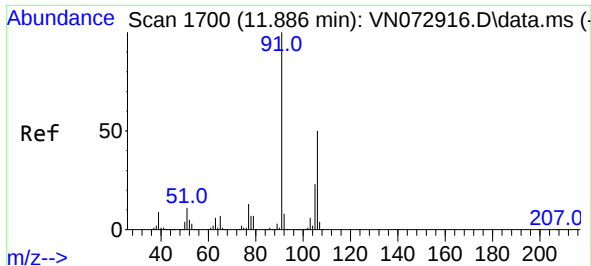
Tgt Ion:117 Resp: 507984
Ion Ratio Lower Upper
117 100
82 56.1 44.2 66.2
119 30.8 25.4 38.0



#67
Ethyl Benzene
Concen: 0.279 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN073121.D
Acq: 25 Jun 2022 19:34

Tgt Ion: 91 Resp: 4868
Ion Ratio Lower Upper
91 100
106 20.3 24.9 37.3#

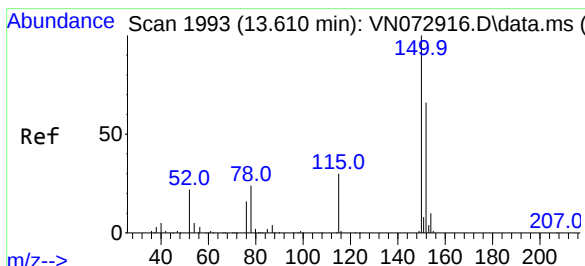
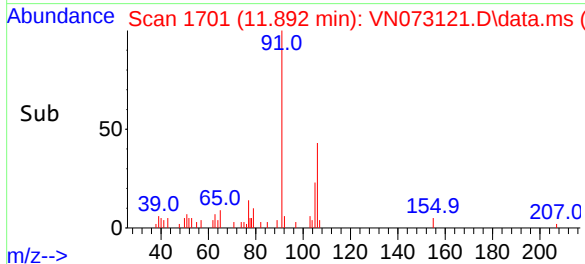
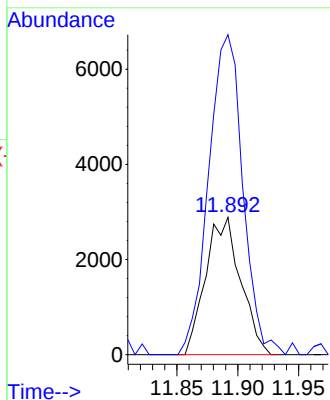
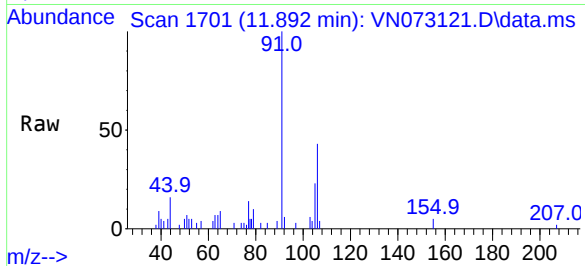




#68
m/p-Xylenes
Concen: 0.846 ug/l
RT: 11.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073121.D
Acq: 25 Jun 2022 19:34

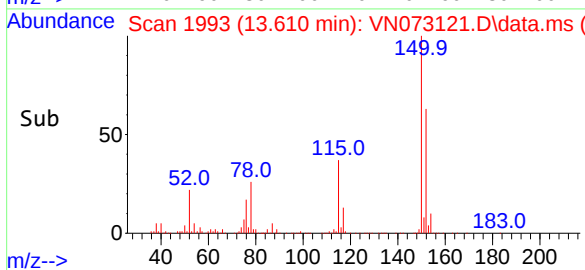
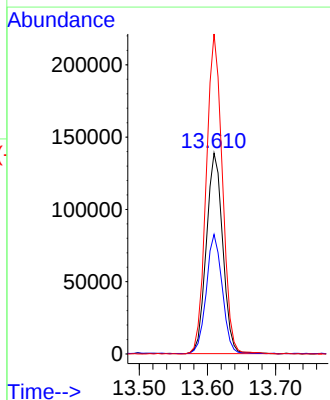
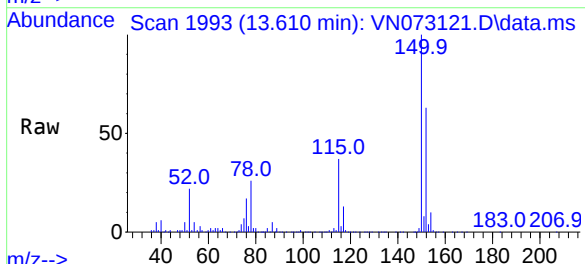
Instrument :
MSVOA_N
ClientSampleId :
B2204-35

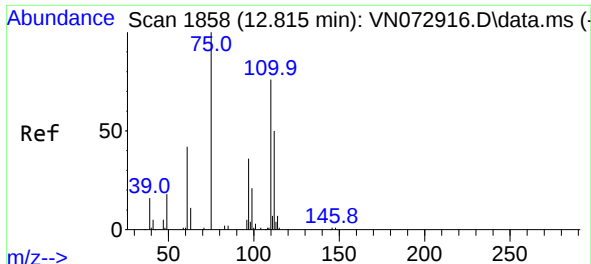
Tgt Ion:106 Resp: 5792
Ion Ratio Lower Upper
106 100
91 227.3 158.9 238.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073121.D
Acq: 25 Jun 2022 19:34

Tgt Ion:152 Resp: 231523
Ion Ratio Lower Upper
152 100
115 58.1 28.9 86.7
150 157.9 0.0 356.2

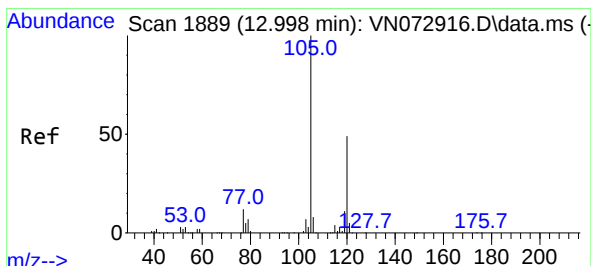
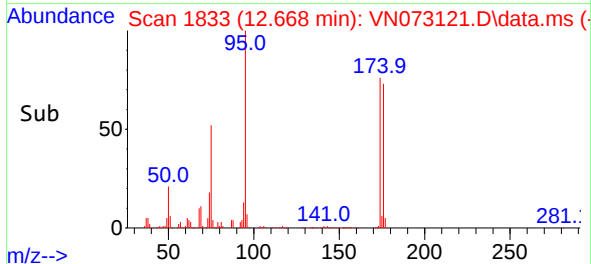
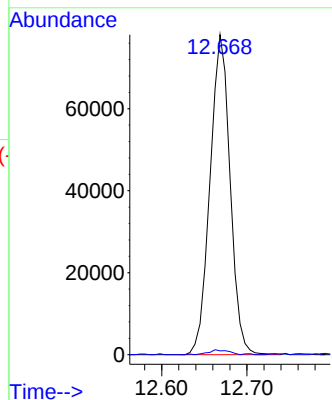
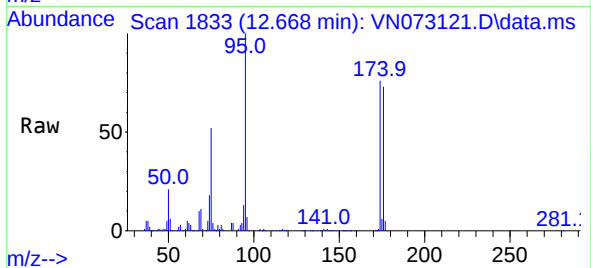




#76
1,2,3-Trichloropropane
Concen: 22.786 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073121.D
Acq: 25 Jun 2022 19:34

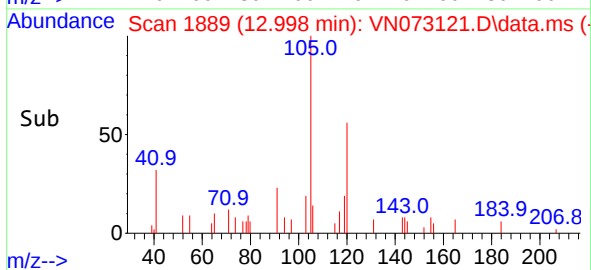
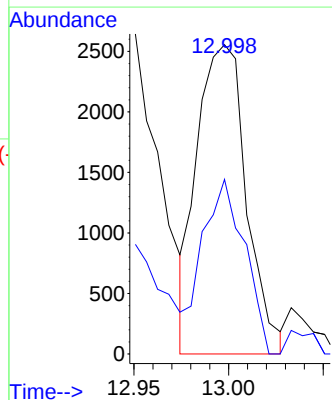
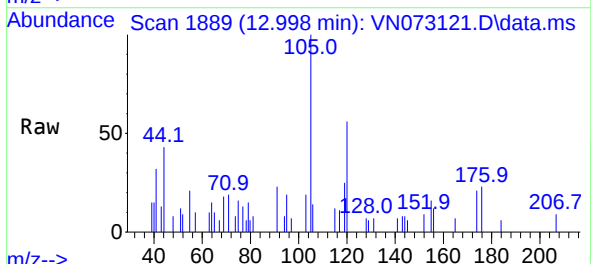
Instrument :
MSVOA_N
ClientSampleId :
B2204-35

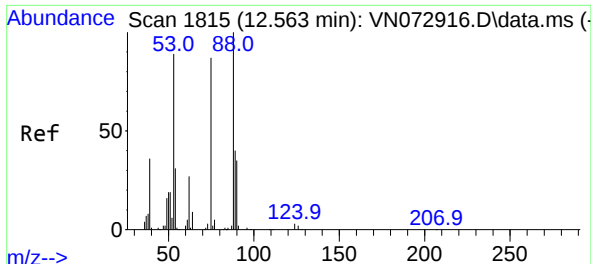
Tgt Ion: 75 Resp: 127906
Ion Ratio Lower Upper
75 100
77 1.5 98.5 295.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.314 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073121.D
Acq: 25 Jun 2022 19:34

Tgt Ion: 105 Resp: 4619
Ion Ratio Lower Upper
105 100
120 48.7 24.9 74.7

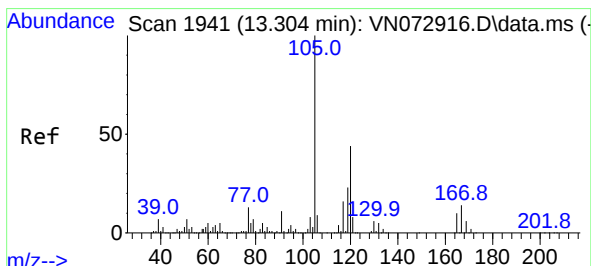
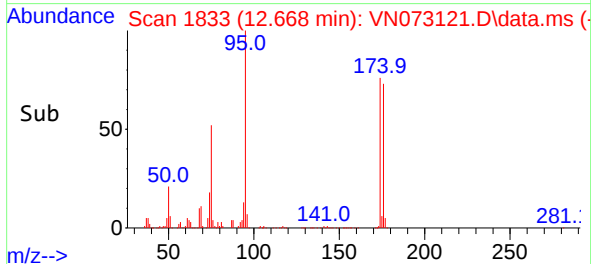
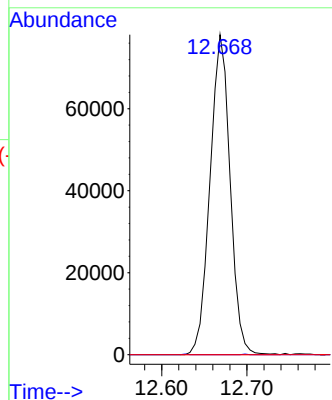
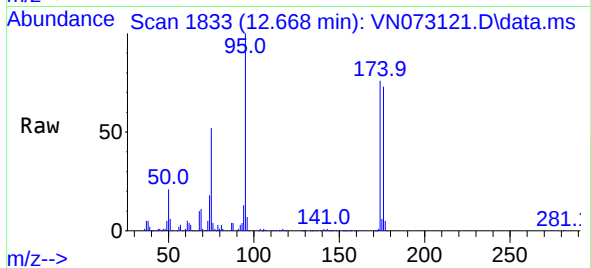




#81
trans-1,4-Dichloro-2-butene
Concen: 61.538 ug/l
RT: 12.668 min Scan# 1815
Delta R.T. 0.106 min
Lab File: VN073121.D
Acq: 25 Jun 2022 19:34

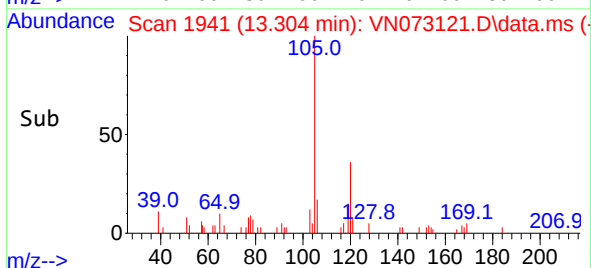
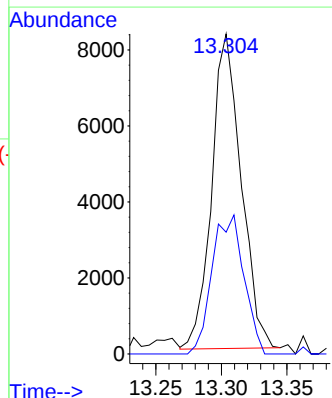
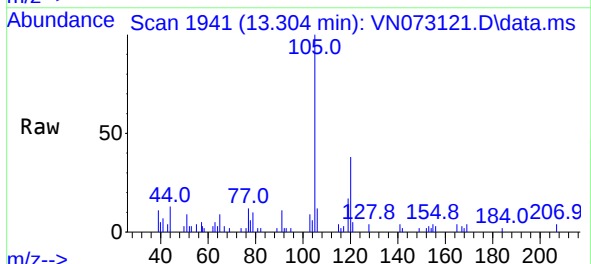
Instrument :
MSVOA_N
ClientSampleId :
B2204-35

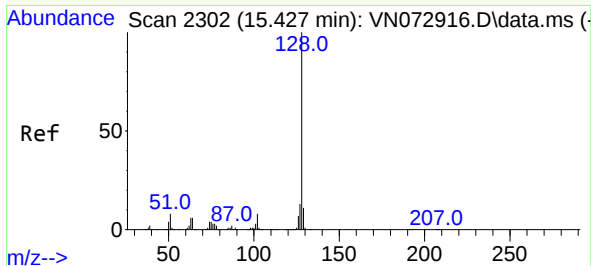
Tgt Ion: 75 Resp: 127906
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#84
1,2,4-Trimethylbenzene
Concen: 0.883 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VN073121.D
Acq: 25 Jun 2022 19:34

Tgt Ion: 105 Resp: 12933
Ion Ratio Lower Upper
105 100
120 47.7 23.3 69.8





#95

Naphthalene

Concen: 0.245 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073121.D

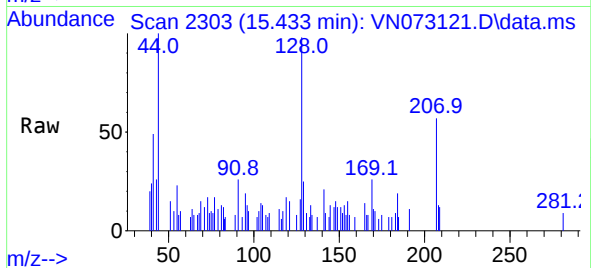
Acq: 25 Jun 2022 19:34

Instrument :

MSVOA_N

ClientSampleId :

B2204-35



Tgt Ion:128 Resp: 4387

Ion Ratio Lower Upper

128 100

127 21.5 10.3 15.5#

129 32.8 8.6 13.0#

