

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
 Data File : VN073140.D
 Acq On : 26 Jun 2022 05:21
 Operator : JC\MD
 Sample : N3501-02 40X
 Misc : 6.53g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B2208-35

Quant Time: Jun 27 03:57:20 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	365029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	577165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	522092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	250322	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	208089	42.165	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.340%
35) Dibromofluoromethane	7.951	113	179492	50.314	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.620%
50) Toluene-d8	10.375	98	595555	44.865	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.740%
62) 4-Bromofluorobenzene	12.669	95	261074	54.695	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.380%

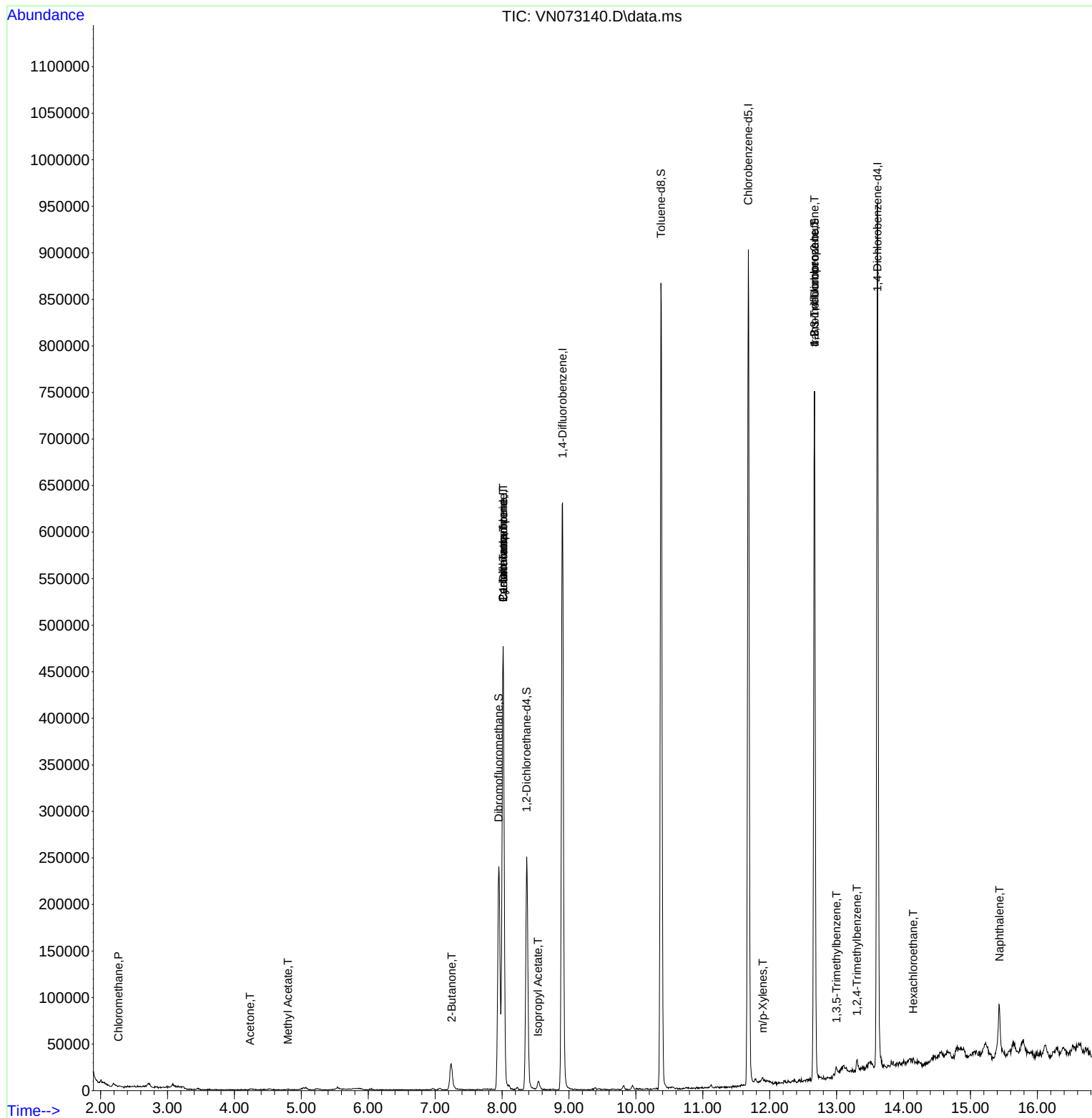
Target Compounds			Qvalue			
3) Chloromethane	2.269	50	609	0.730	ug/l #	59
16) Acetone	4.234	43	663	0.244	ug/l #	42
18) Methyl Acetate	4.798	43	1751	0.242	ug/l #	48
20) Methylene Chloride	5.004	84	177	Below Cal	#	54
25) 2-Butanone	7.245	43	1827	0.424	ug/l #	80
26) 2,2-Dichloropropane	7.234	77	2215	Below Cal	#	53
31) Cyclohexane	8.016	56	8007	1.199	ug/l #	10
36) 1,1-Dichloropropene	8.016	75	28203	5.843	ug/l #	49
38) Carbon Tetrachloride	8.016	117	34885	6.871	ug/l #	16
43) Isopropyl Acetate	8.539	43	2440	0.221	ug/l #	53
68) m/p-Xylenes	11.898	106	1721	0.244	ug/l #	58
76) 1,2,3-Trichloropropane	12.669	75	132319	21.802	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.998	105	3205	0.201	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.669	75	132319	58.880	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.304	105	5568	0.351	ug/l	87
90) Hexachloroethane	14.145	117	1185	0.399	ug/l #	23
95) Naphthalene	15.433	128	51822	2.680	ug/l #	94

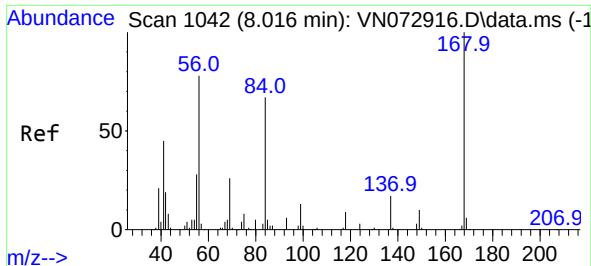
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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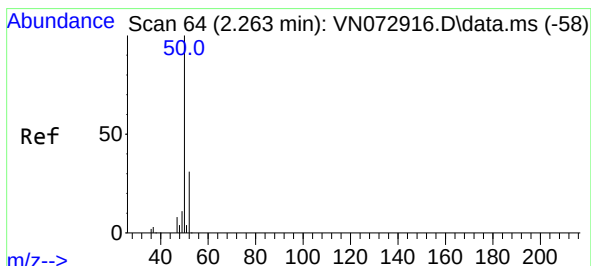
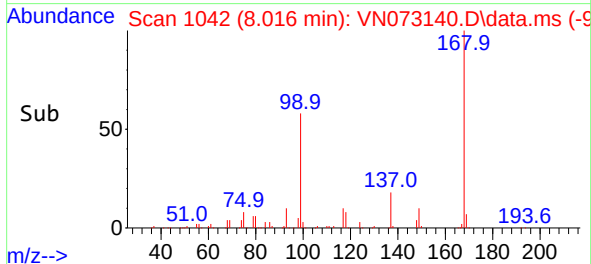
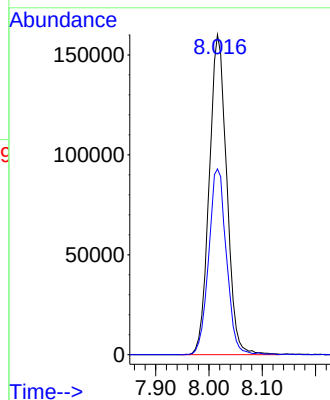
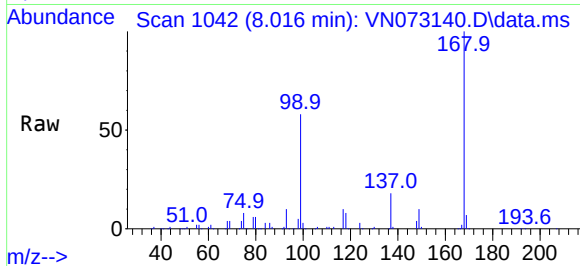




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN073140.D
Acq: 26 Jun 2022 05:21

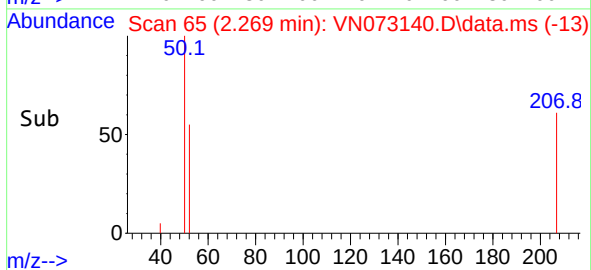
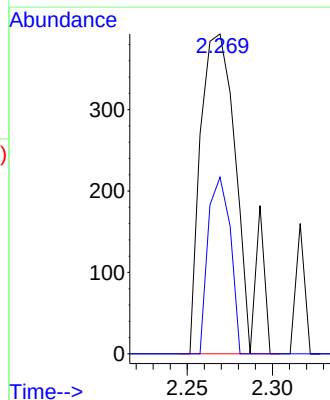
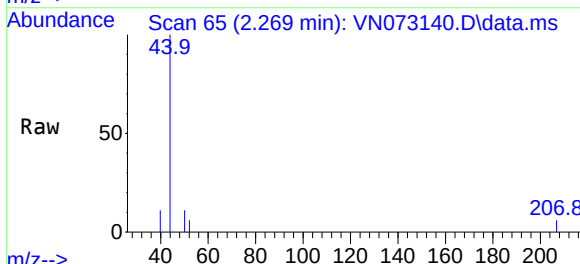
Instrument :
MSVOA_N
ClientSampleId :
B2208-35

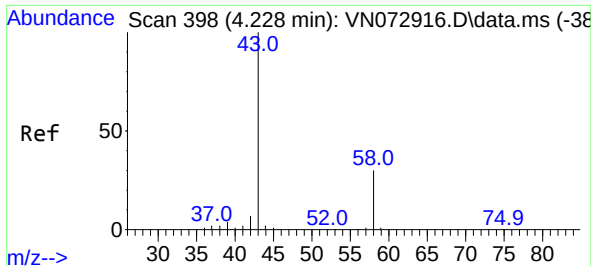
Tgt Ion:168 Resp: 365029
Ion Ratio Lower Upper
168 100
99 58.1 42.3 63.5



#3
Chloromethane
Concen: 0.730 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN073140.D
Acq: 26 Jun 2022 05:21

Tgt Ion: 50 Resp: 609
Ion Ratio Lower Upper
50 100
52 55.2 25.7 38.5#

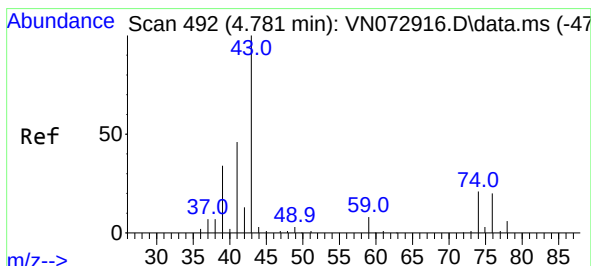
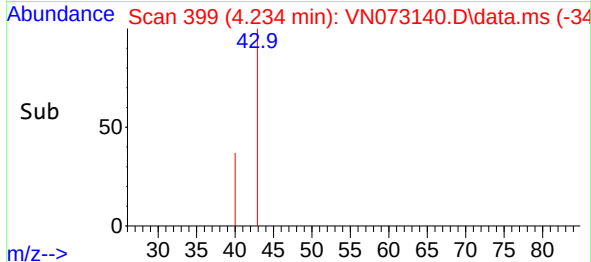
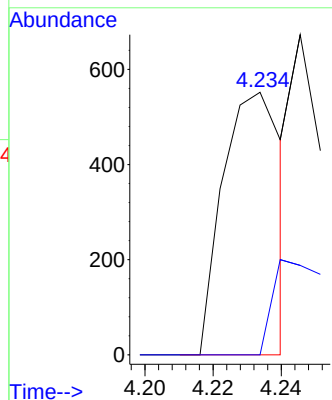
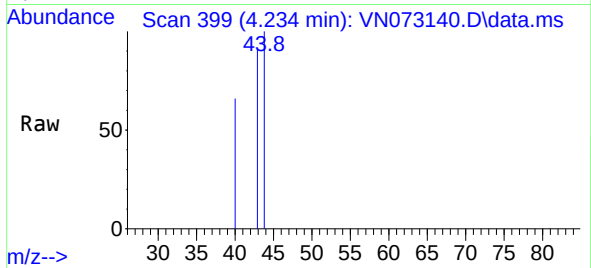




#16
Acetone
Concen: 0.244 ug/l
RT: 4.234 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073140.D
Acq: 26 Jun 2022 05:21

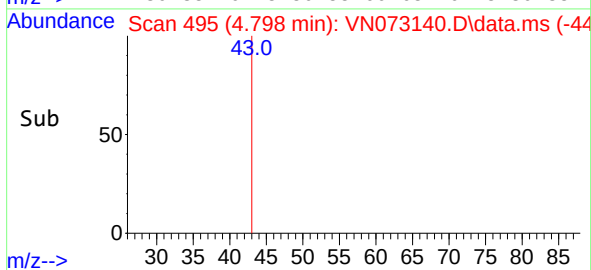
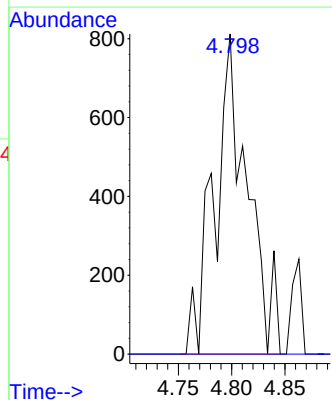
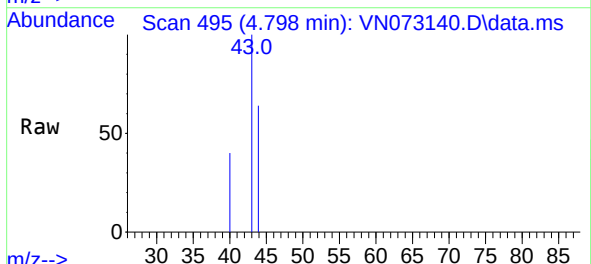
Instrument :
MSVOA_N
ClientSampleId :
B2208-35

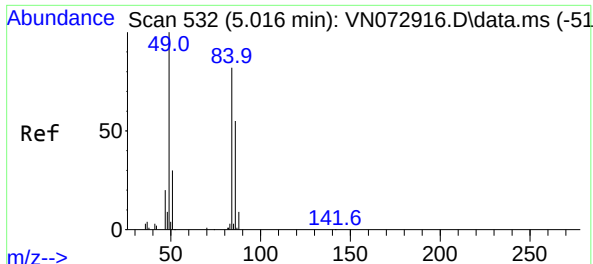
Tgt Ion: 43 Resp: 663
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#18
Methyl Acetate
Concen: 0.242 ug/l
RT: 4.798 min Scan# 495
Delta R.T. 0.018 min
Lab File: VN073140.D
Acq: 26 Jun 2022 05:21

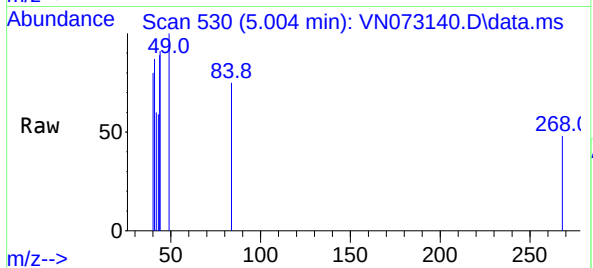
Tgt Ion: 43 Resp: 1751
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#





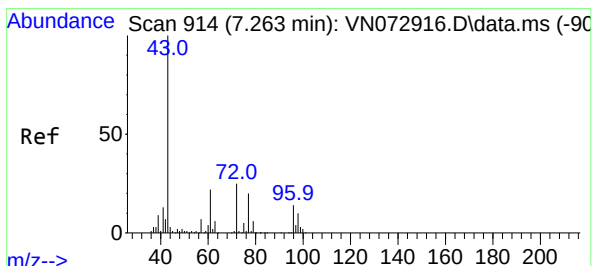
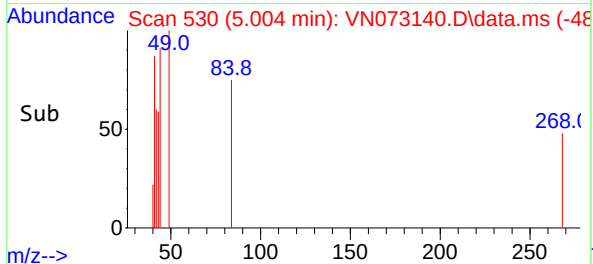
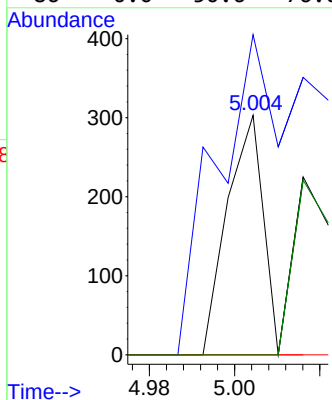
#20
Methylene Chloride
Concen: Below Cal
RT: 5.004 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN073140.D
Acq: 26 Jun 2022 05:21

Instrument :
MSVOA_N
ClientSampleId :
B2208-35



Tgt Ion: 84 Resp: 177

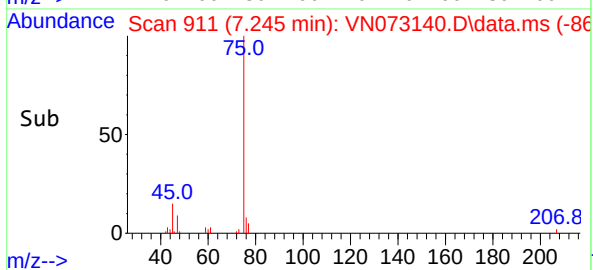
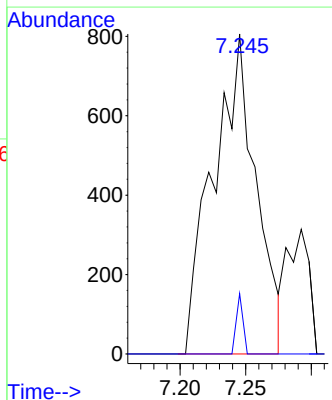
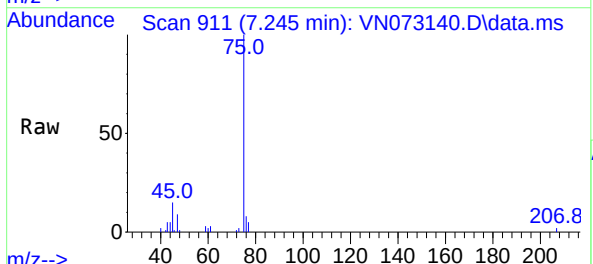
Ion	Ratio	Lower	Upper
84	100		
49	133.7	88.3	132.5#
51	0.0	28.2	42.2#
86	0.0	50.6	76.0#

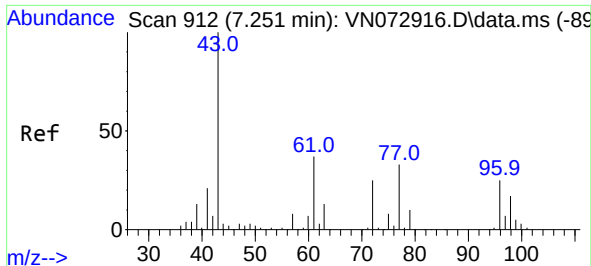


#25
2-Butanone
Concen: 0.424 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.018 min
Lab File: VN073140.D
Acq: 26 Jun 2022 05:21

Tgt Ion: 43 Resp: 1827

Ion	Ratio	Lower	Upper
43	100		
72	18.9	23.7	35.5#

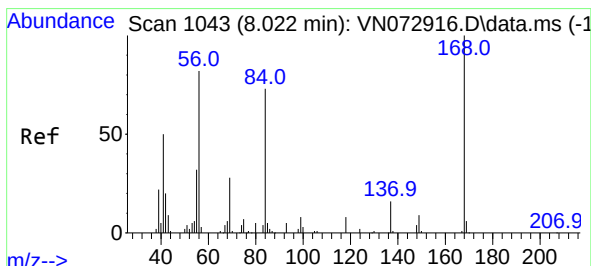
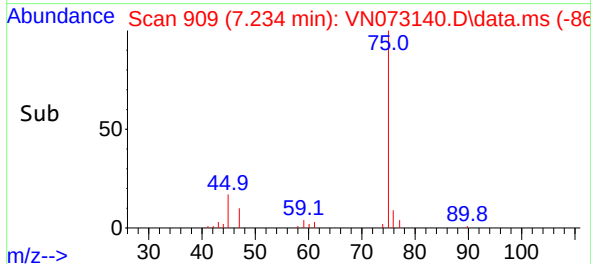
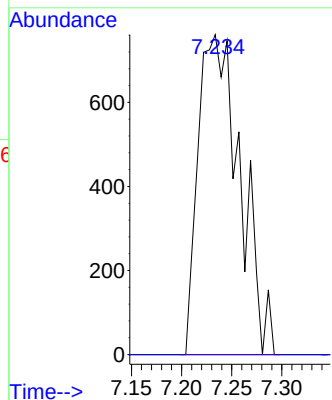
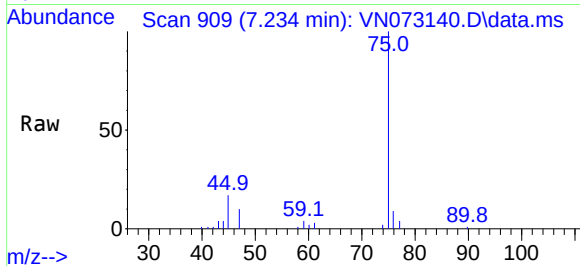




#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.234 min Scan# 909
Delta R.T. -0.017 min
Lab File: VN073140.D
Acq: 26 Jun 2022 05:21

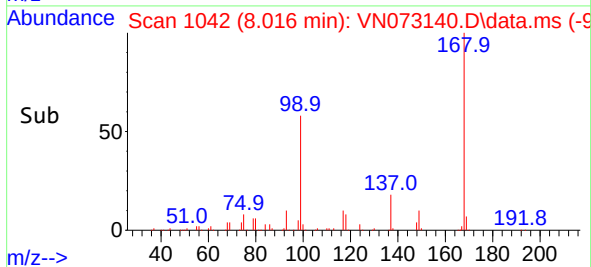
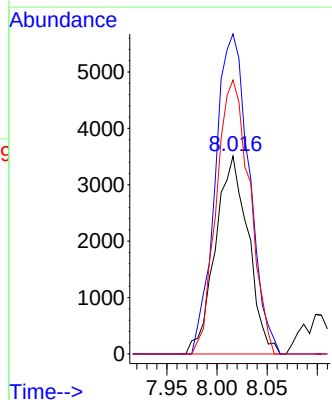
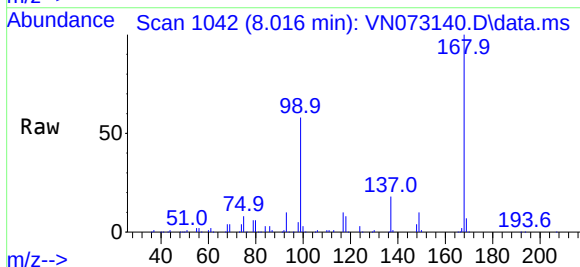
Instrument :
MSVOA_N
ClientSampleId :
B2208-35

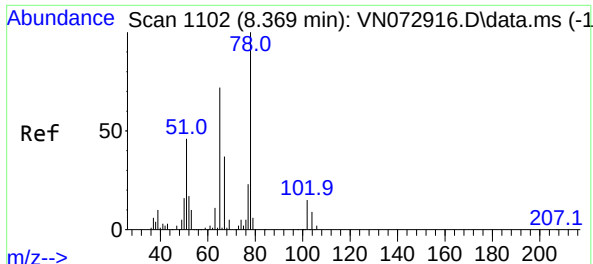
Tgt Ion: 77 Resp: 2215
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#



#31
Cyclohexane
Concen: 1.199 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073140.D
Acq: 26 Jun 2022 05:21

Tgt Ion: 56 Resp: 8007
Ion Ratio Lower Upper
56 100
69 161.8 27.8 41.8#
84 138.5 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 42.165 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073140.D

Acq: 26 Jun 2022 05:21

Instrument :

MSVOA_N

ClientSampleId :

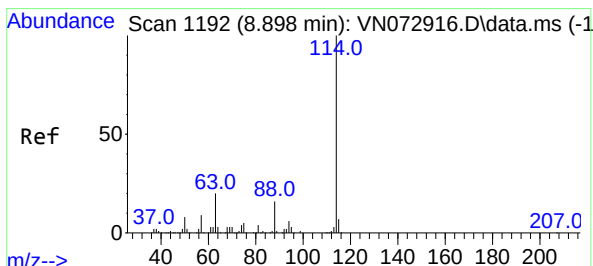
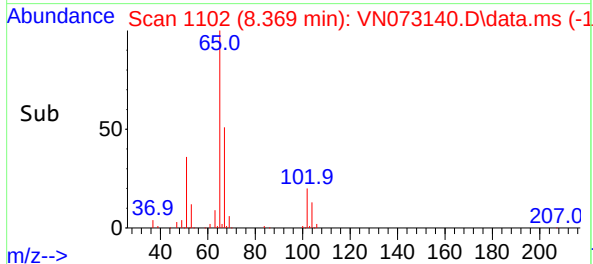
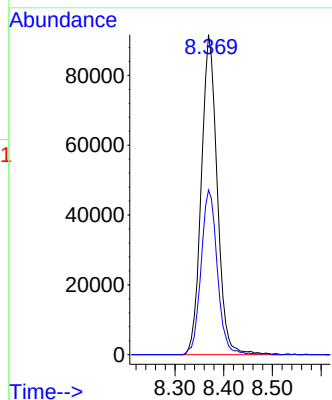
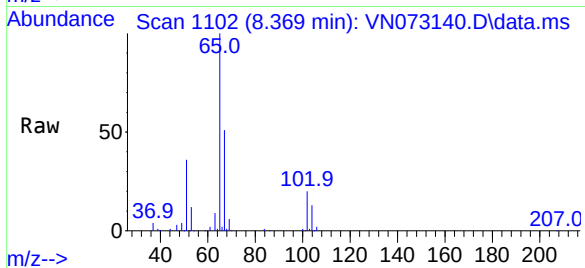
B2208-35

Tgt Ion: 65 Resp: 208089

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073140.D

Acq: 26 Jun 2022 05:21

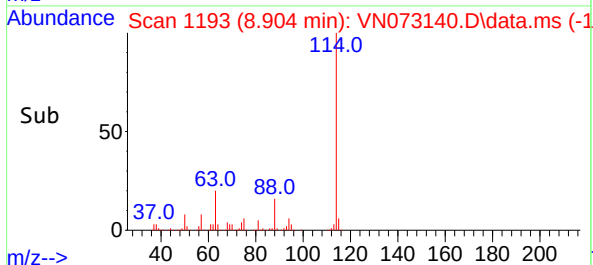
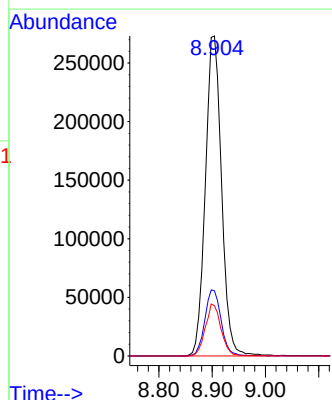
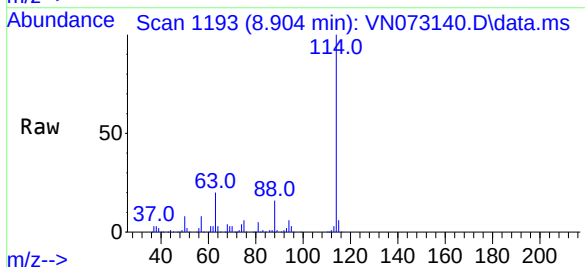
Tgt Ion: 114 Resp: 577165

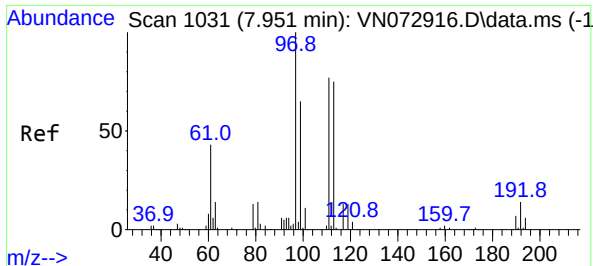
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.0

88 15.7 0.0 32.6

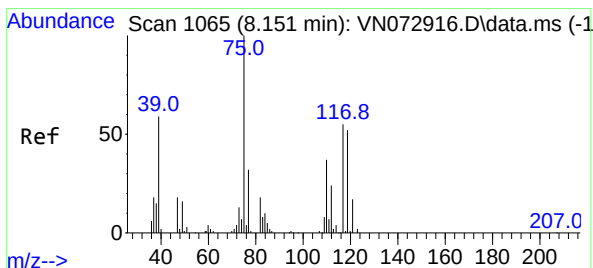
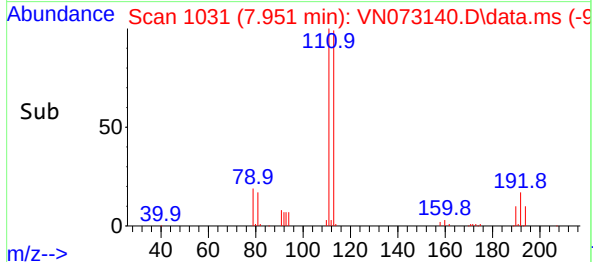
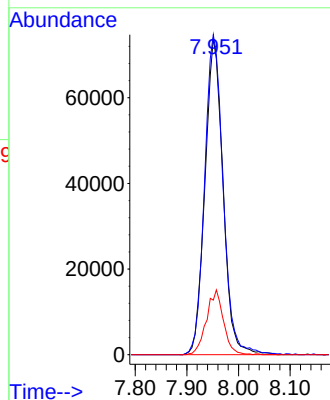
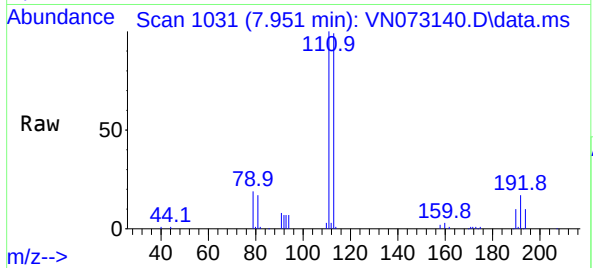




#35
Dibromofluoromethane
Concen: 50.314 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073140.D
Acq: 26 Jun 2022 05:21

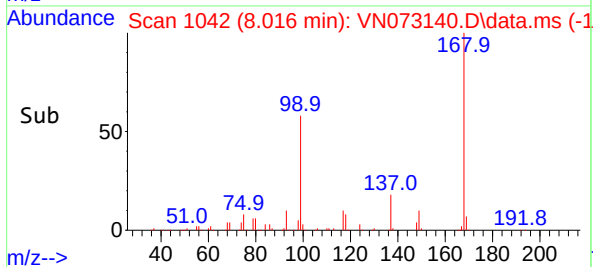
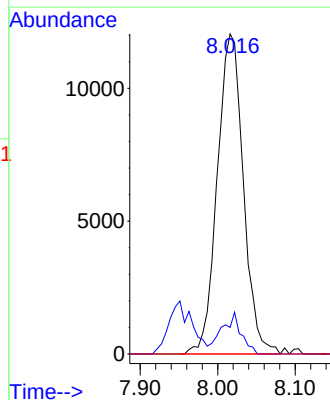
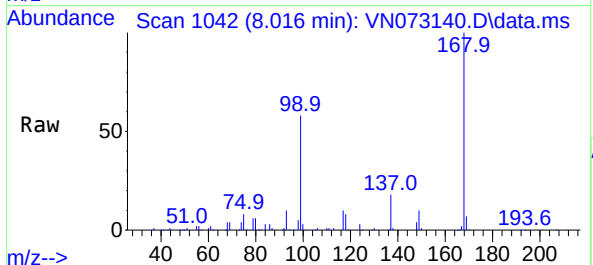
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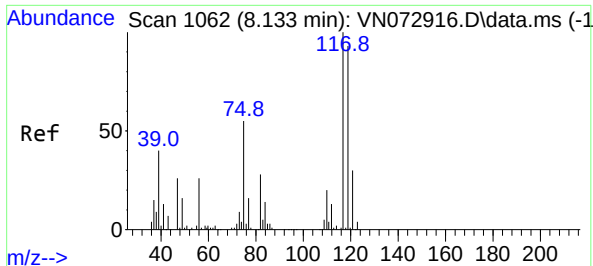
Tgt Ion:113 Resp: 179492
Ion Ratio Lower Upper
113 100
111 103.5 81.4 122.0
192 19.3 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.843 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN073140.D
Acq: 26 Jun 2022 05:21

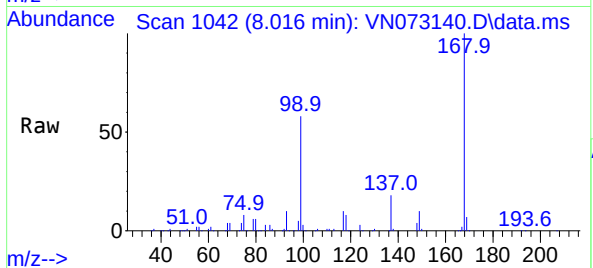
Tgt Ion: 75 Resp: 28203
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 25.1 37.7#



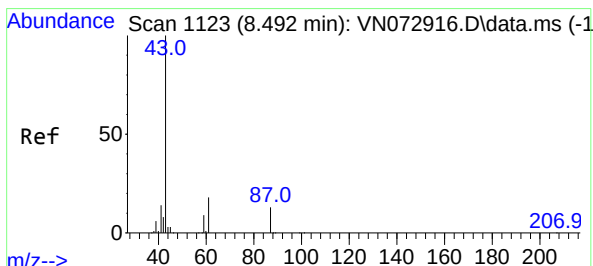
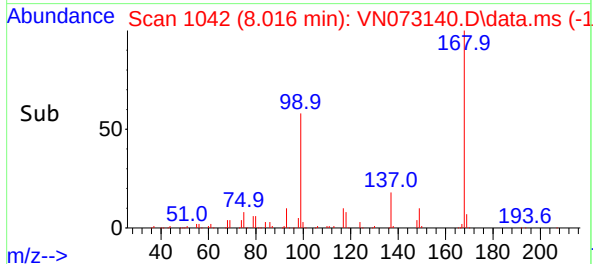
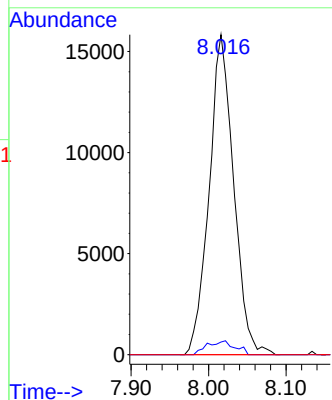


#38
Carbon Tetrachloride
Concen: 6.871 ug/l
RT: 8.016 min Scan# 110
Delta R.T. -0.118 min
Lab File: VN073140.D
Acq: 26 Jun 2022 05:21

Instrument :
MSVOA_N
ClientSampleId :
B2208-35

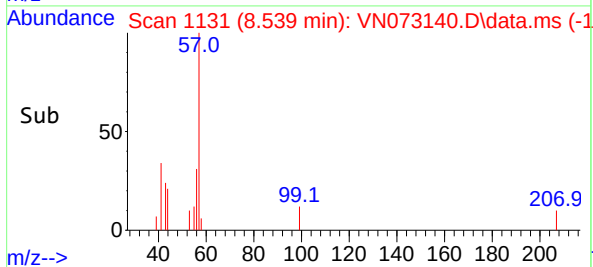
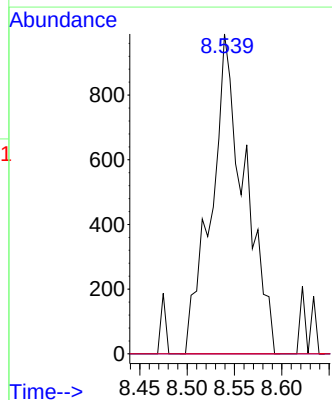
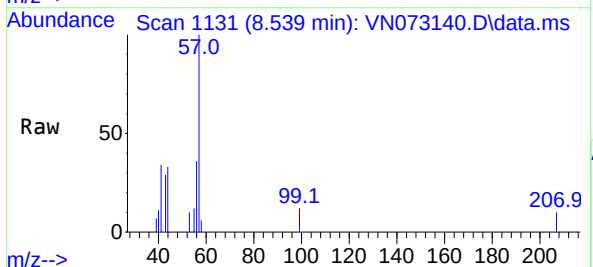


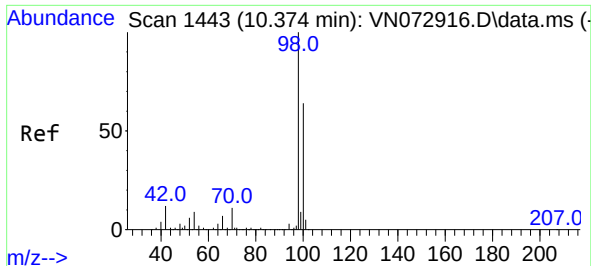
Tgt Ion:117 Resp: 34885
Ion Ratio Lower Upper
117 100
119 3.9 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.221 ug/l
RT: 8.539 min Scan# 1131
Delta R.T. 0.047 min
Lab File: VN073140.D
Acq: 26 Jun 2022 05:21

Tgt Ion: 43 Resp: 2440
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

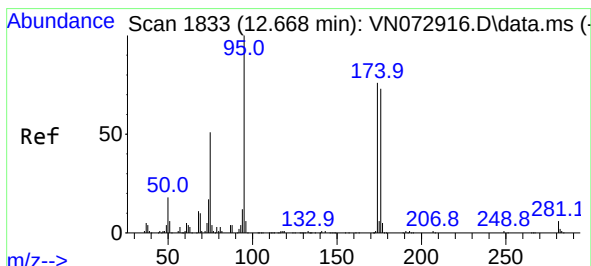
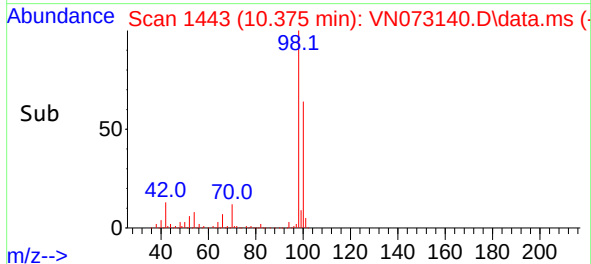
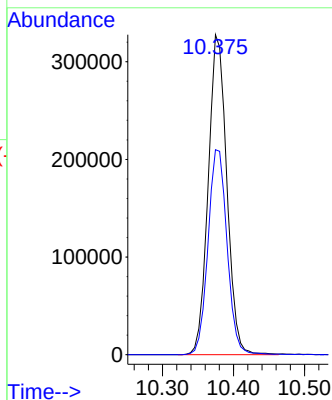
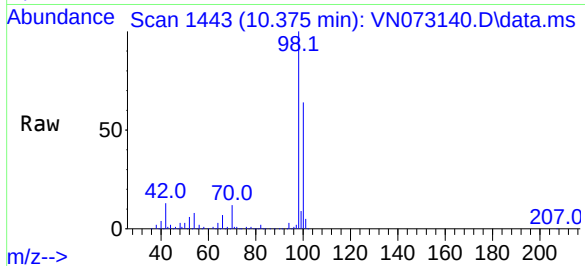




#50
Toluene-d8
Concen: 44.865 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073140.D
Acq: 26 Jun 2022 05:21

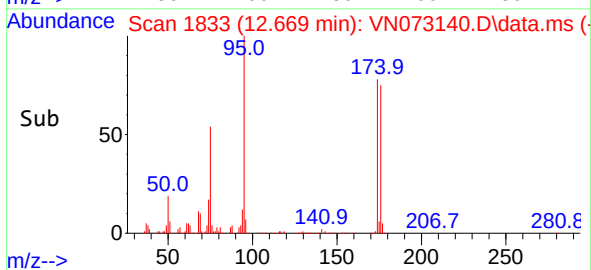
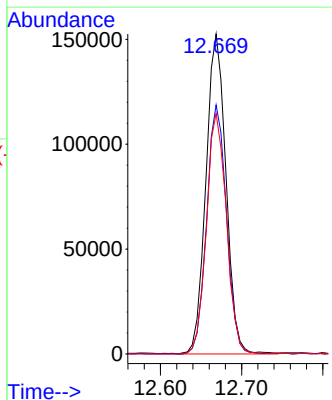
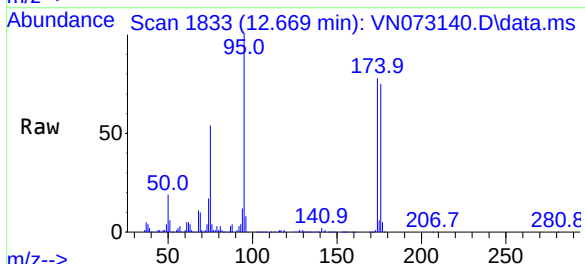
Instrument :
MSVOA_N
ClientSampleId :
B2208-35

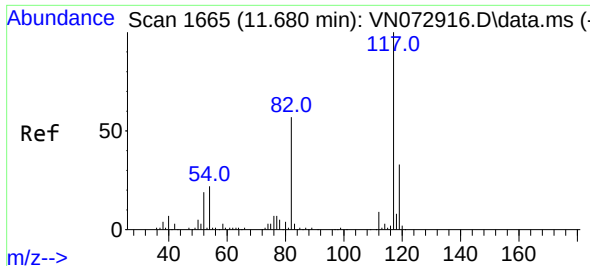
Tgt Ion: 98 Resp: 595555
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 54.695 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073140.D
Acq: 26 Jun 2022 05:21

Tgt Ion: 95 Resp: 261074
Ion Ratio Lower Upper
95 100
174 77.2 0.0 167.6
176 74.8 0.0 163.4

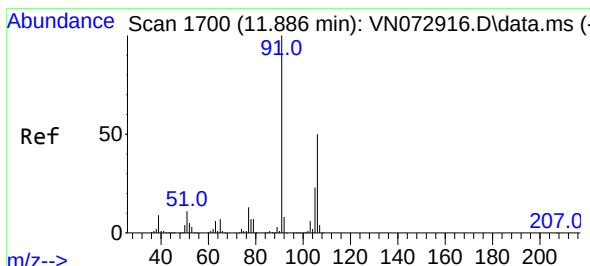
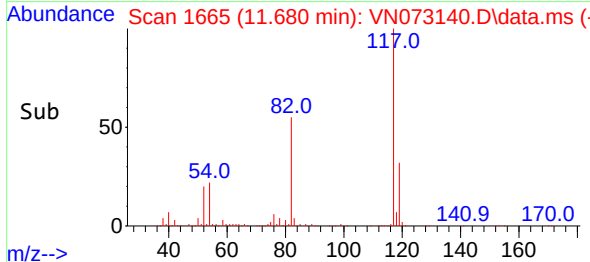
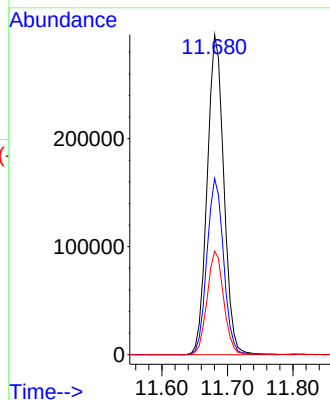
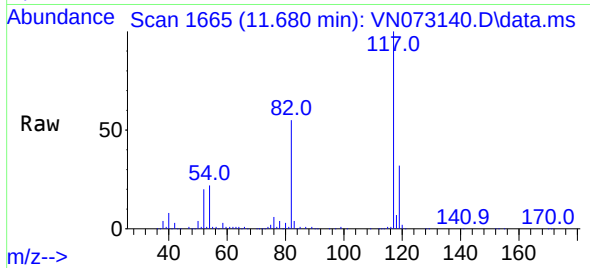




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN073140.D
Acq: 26 Jun 2022 05:21

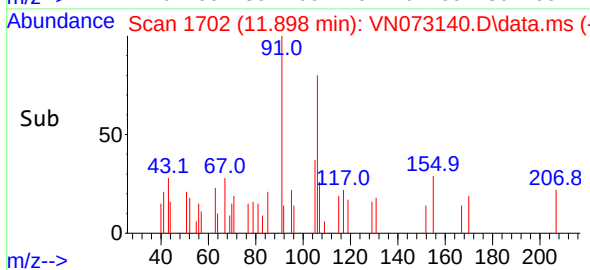
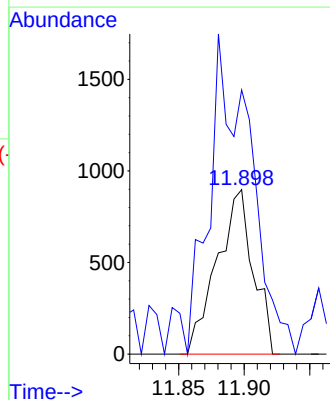
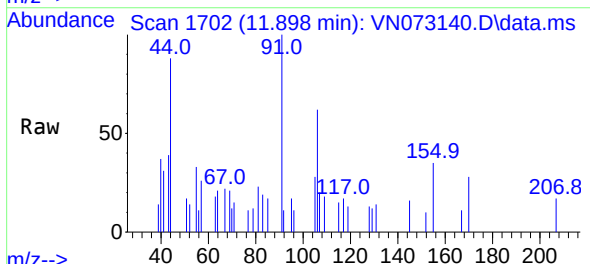
Instrument :
MSVOA_N
ClientSampleId :
B2208-35

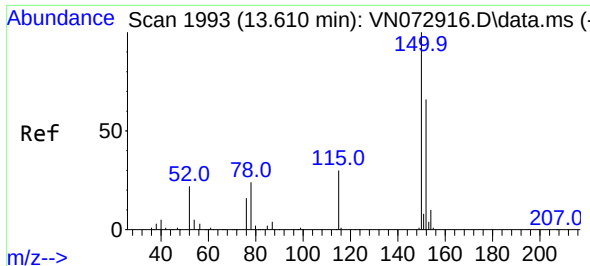
Tgt Ion:117 Resp: 522092
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.2
119 32.3 25.4 38.0



#68
m/p-Xylenes
Concen: 0.244 ug/l
RT: 11.898 min Scan# 1702
Delta R.T. 0.012 min
Lab File: VN073140.D
Acq: 26 Jun 2022 05:21

Tgt Ion:106 Resp: 1721
Ion Ratio Lower Upper
106 100
91 135.0 158.9 238.3#

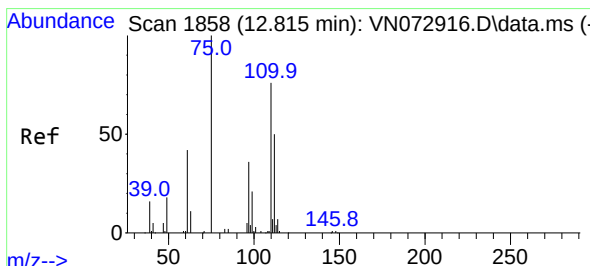
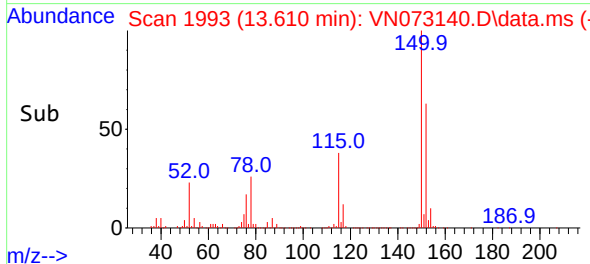
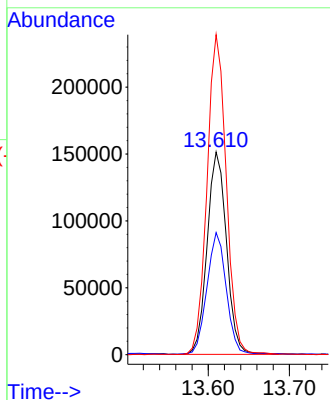
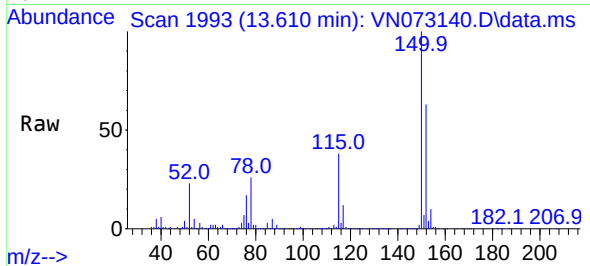




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. 0.000 min
 Lab File: VN073140.D
 Acq: 26 Jun 2022 05:21

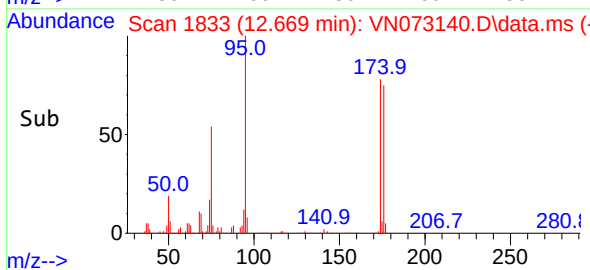
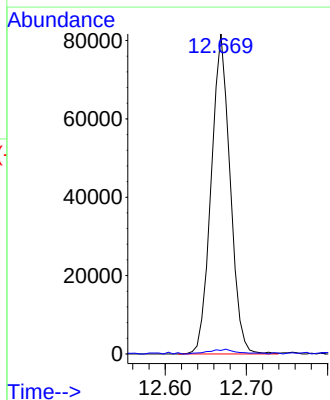
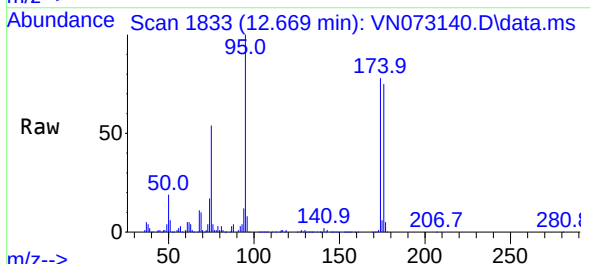
Instrument :
 MSVOA_N
 ClientSampleId :
 B2208-35

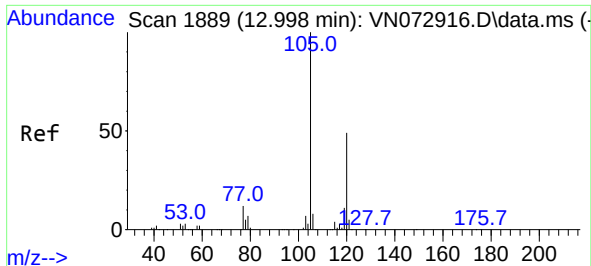
Tgt Ion:152 Resp: 250322
 Ion Ratio Lower Upper
 152 100
 115 60.5 28.9 86.7
 150 157.7 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 21.802 ug/l
 RT: 12.669 min Scan# 1833
 Delta R.T. -0.147 min
 Lab File: VN073140.D
 Acq: 26 Jun 2022 05:21

Tgt Ion: 75 Resp: 132319
 Ion Ratio Lower Upper
 75 100
 77 2.2 98.5 295.5#

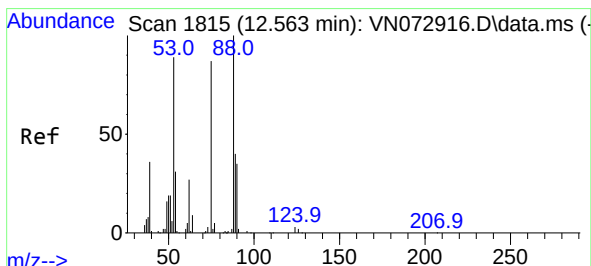
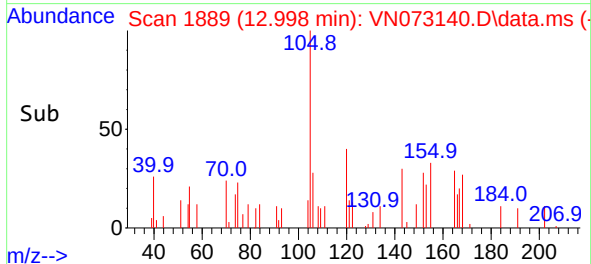
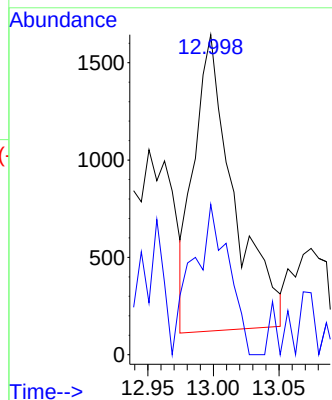
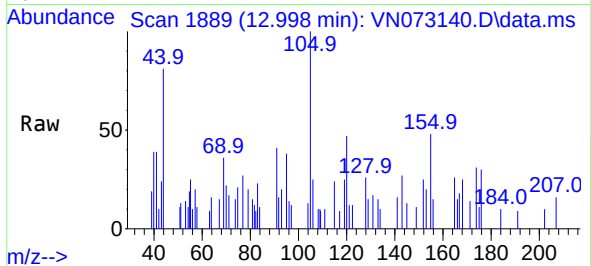




#80
1,3,5-Trimethylbenzene
Concen: 0.201 ug/l
RT: 12.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073140.D
Acq: 26 Jun 2022 05:21

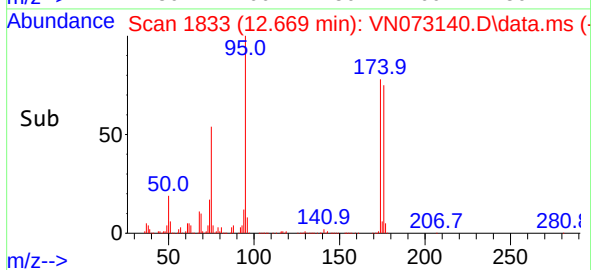
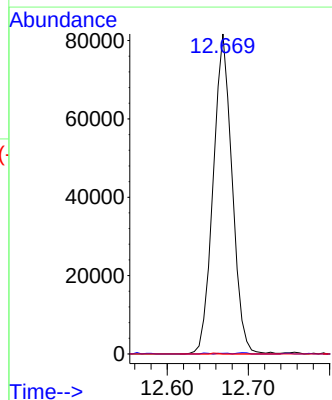
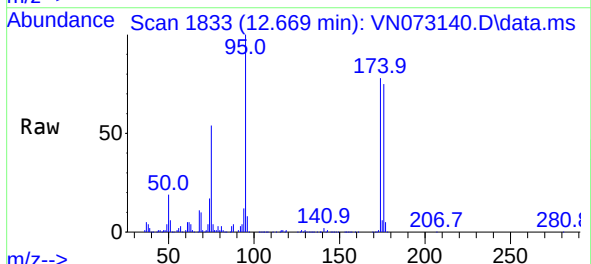
Instrument :
MSVOA_N
ClientSampleId :
B2208-35

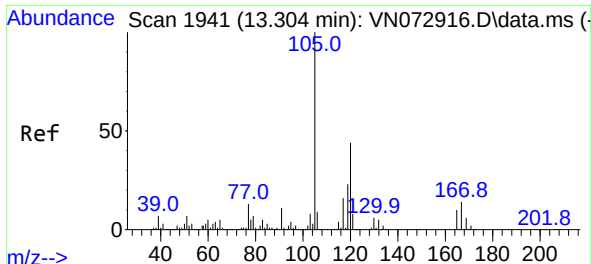
Tgt Ion:105 Resp: 3205
Ion Ratio Lower Upper
105 100
120 45.8 24.9 74.7



#81
trans-1,4-Dichloro-2-butene
Concen: 58.880 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073140.D
Acq: 26 Jun 2022 05:21

Tgt Ion: 75 Resp: 132319
Ion Ratio Lower Upper
75 100
53 0.2 78.0 117.0#
89 0.1 37.2 55.8#

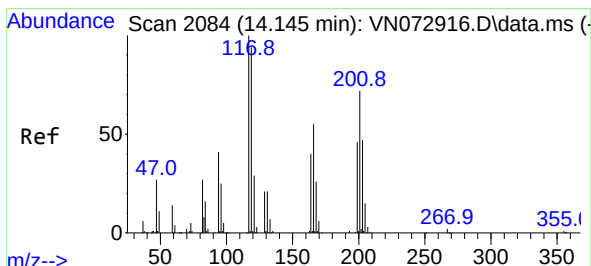
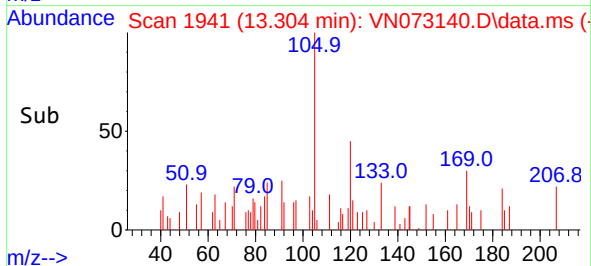
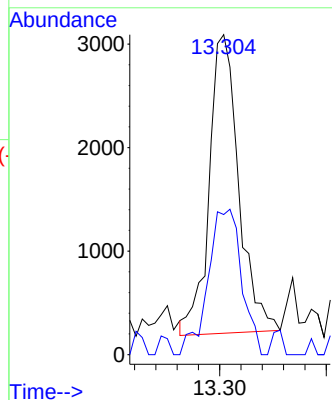
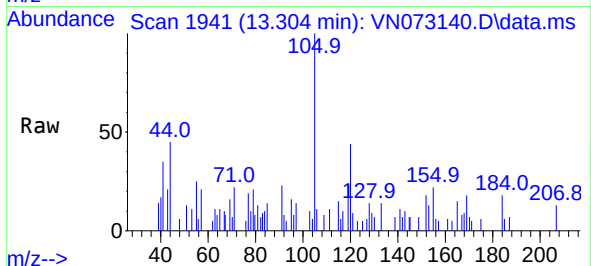




#84
1,2,4-Trimethylbenzene
Concen: 0.351 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN073140.D
Acq: 26 Jun 2022 05:21

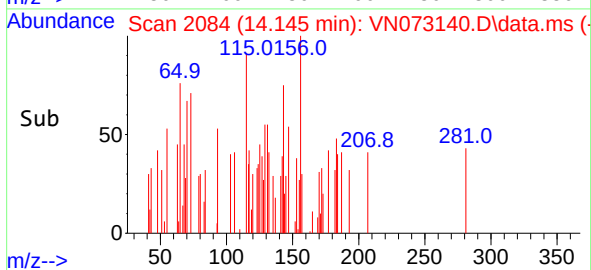
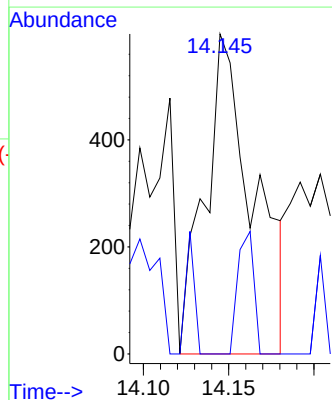
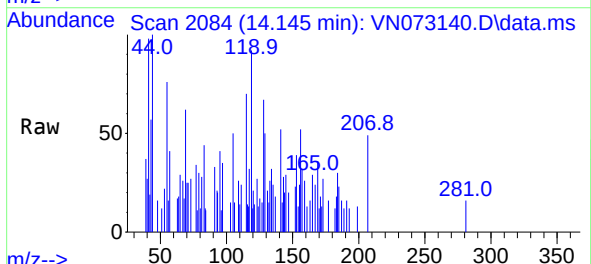
Instrument :
MSVOA_N
ClientSampleId :
B2208-35

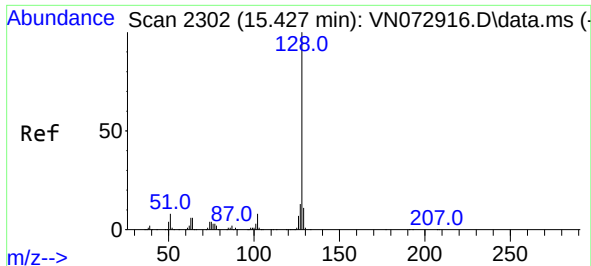
Tgt Ion:105 Resp: 5568
Ion Ratio Lower Upper
105 100
120 55.2 23.3 69.8



#90
Hexachloroethane
Concen: 0.399 ug/l
RT: 14.145 min Scan# 2084
Delta R.T. 0.000 min
Lab File: VN073140.D
Acq: 26 Jun 2022 05:21

Tgt Ion:117 Resp: 1185
Ion Ratio Lower Upper
117 100
201 12.7 40.6 122.0#





#95

Naphthalene

Concen: 2.680 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073140.D

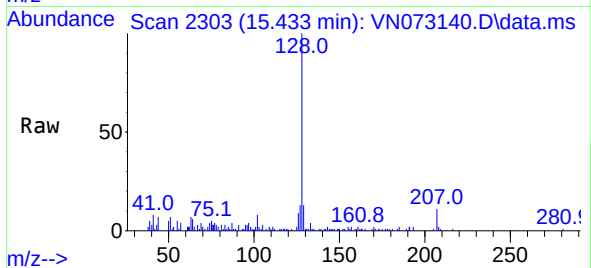
Acq: 26 Jun 2022 05:21

Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion:128 Resp: 51822

Ion Ratio Lower Upper

128 100

127 15.5 10.3 15.5#

129 12.7 8.6 13.0

