

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
 Data File : VN073115.D
 Acq On : 25 Jun 2022 17:07
 Operator : JC\MD
 Sample : N3455-11
 Misc : 4.84g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-EXC-2-2

Quant Time: Jun 27 03:43:46 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	8.010	168	370555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	578352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	575016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	633083	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	207538	41.426	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	82.860%
35) Dibromofluoromethane	7.945	113	175123	48.989	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.980%
50) Toluene-d8	10.375	98	626534	47.102	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.200%
62) 4-Bromofluorobenzene	12.669	95	311187	65.060	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	130.120%#

Target Compounds				Qvalue		
3) Chloromethane	2.252	50	803	0.779	ug/l #	60
5) Bromomethane	2.769	94	271	0.218	ug/l #	59
11) Tert butyl alcohol	5.204	59	9903	7.652	ug/l #	72
14) Allyl chloride	4.781	41	2858	0.377	ug/l #	24
16) Acetone	4.251	43	5517	2.003	ug/l #	85
18) Methyl Acetate	4.775	43	119276	16.265	ug/l	91
20) Methylene Chloride	4.981	84	2321	0.303	ug/l #	84
25) 2-Butanone	7.281	43	8336	1.908	ug/l	97
26) 2,2-Dichloropropane	7.387	77	517	Below Cal		87
31) Cyclohexane	8.004	56	10819	1.596	ug/l #	23
36) 1,1-Dichloropropene	8.004	75	28708	5.935	ug/l #	42
37) Ethyl Acetate	7.281	43	8336	1.077	ug/l #	85
38) Carbon Tetrachloride	8.004	117	37858	7.441	ug/l #	16
39) Methylcyclohexane	9.381	83	13351	2.290	ug/l	92
40) Benzene	8.381	78	11365	0.748	ug/l	100
46) Dibromomethane	9.516	93	651	0.248	ug/l #	28
48) Methyl methacrylate	9.492	41	1491	0.295	ug/l #	39
49) 1,4-Dioxane	9.598	88	135	1.188	ug/l #	1
52) Toluene	10.439	92	11674	1.251	ug/l	98
55) 1,1,2-Trichloroethane	10.810	97	4866	1.187	ug/l #	30
56) Ethyl methacrylate	10.686	69	4159	0.633	ug/l #	28
59) 2-Hexanone	11.033	43	1240	0.222	ug/l	90
60) Dibromochloromethane	11.186	129	1526	0.394	ug/l	75
64) Tetrachloroethene	10.910	164	1607	0.459	ug/l #	72
65) Chlorobenzene	11.710	112	62022	5.523	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.822	131	2101	0.492	ug/l #	8
67) Ethyl Benzene	11.780	91	20423	1.033	ug/l #	74
68) m/p-Xylenes	11.886	106	18303	2.361	ug/l	93
71) Bromoform	12.345	173	95815	29.731	ug/l #	30
73) Isopropylbenzene	12.686	105	145833	2.978	ug/l	80
74) N-amyl acetate	12.310	43	28608	1.126	ug/l #	39
75) 1,1,2,2-Tetrachloroethane	12.733	83	6452	0.366	ug/l #	25
76) 1,2,3-Trichloropropane	12.669	75	233033	15.182	ug/l #	1
77) Bromobenzene	12.680	156	1010461	86.120	ug/l #	1
78) n-propylbenzene	12.863	91	26764	0.497	ug/l	94
79) 2-Chlorotoluene	13.010	91	32643	0.936	ug/l #	40

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

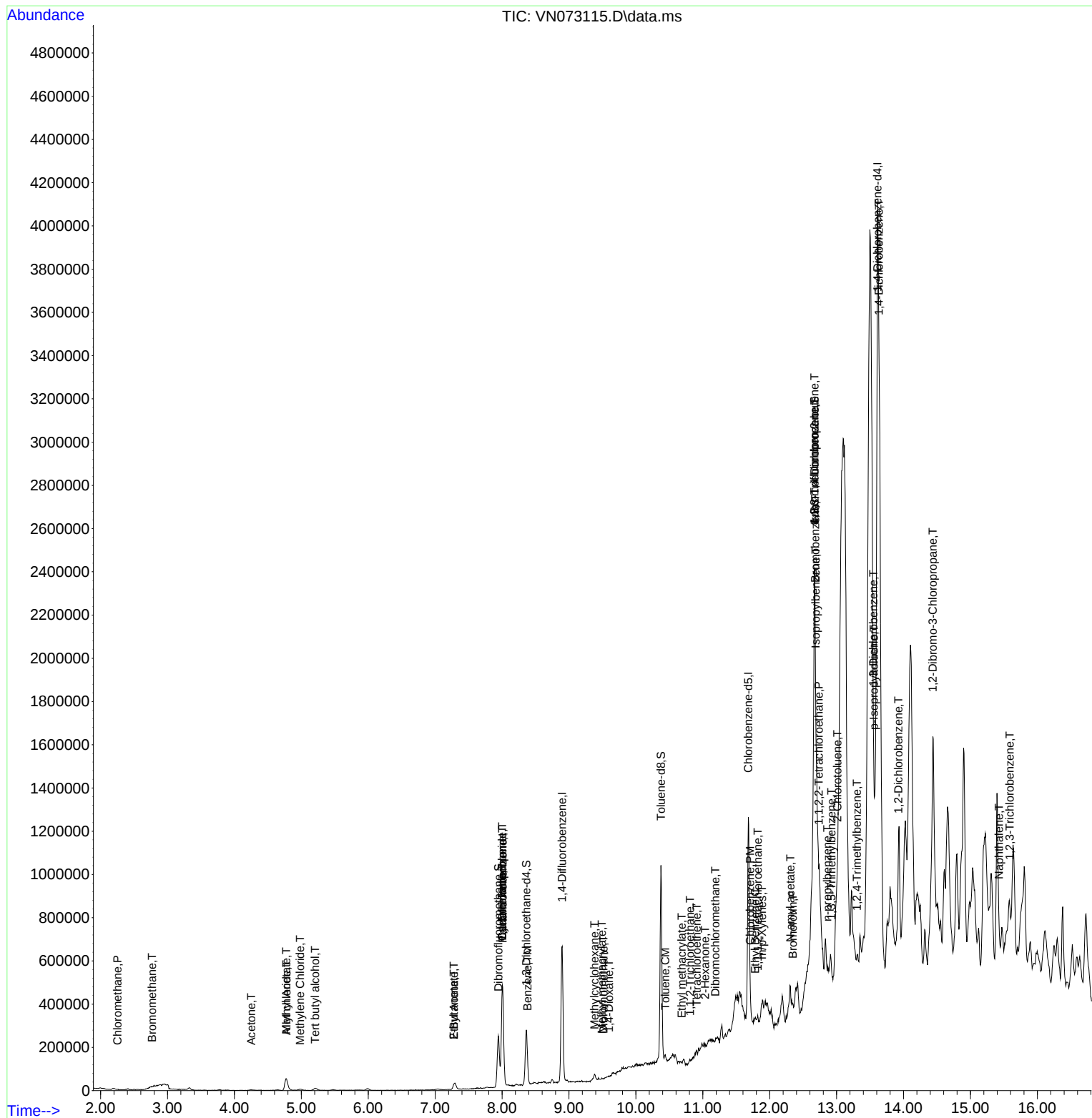
80) 1,3,5-Trimethylbenzene	12.922	105	20402	0.507	ug/l	65
81) trans-1,4-Dichloro-2-b...	12.669	75	228256	40.161	ug/l #	26
84) 1,2,4-Trimethylbenzene	13.304	105	78140	1.950	ug/l #	60
86) p-Isopropyltoluene	13.557	119	8133	0.204	ug/l #	51
87) 1,3-Dichlorobenzene	13.551	146	6946	0.332	ug/l #	1
88) 1,4-Dichlorobenzene	13.633	146	16142	0.761	ug/l #	4
91) 1,2-Dichlorobenzene	13.921	146	17598	0.806	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.439	75	22828	5.057	ug/l #	1
95) Naphthalene	15.427	128	91430	1.869	ug/l #	76
96) 1,2,3-Trichlorobenzene	15.586	180	4324	0.335	ug/l #	1

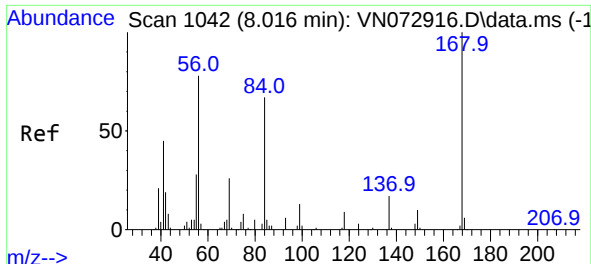
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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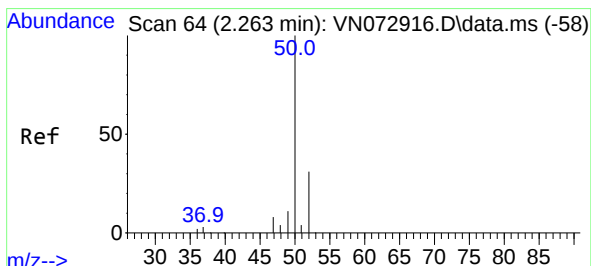
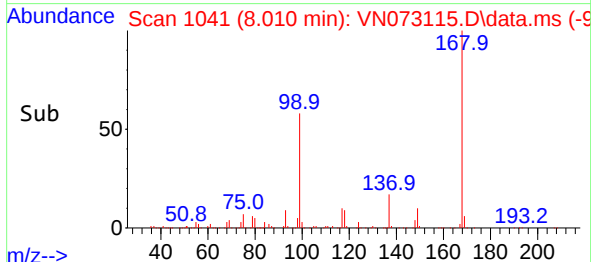
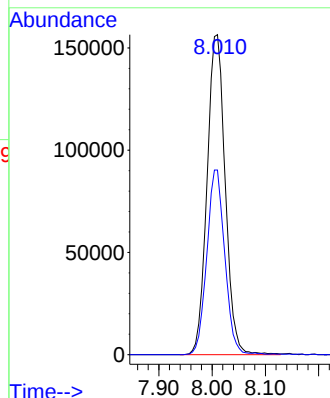
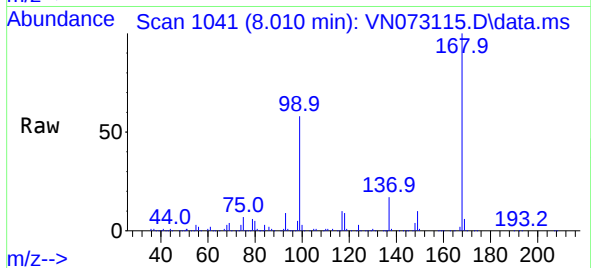




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

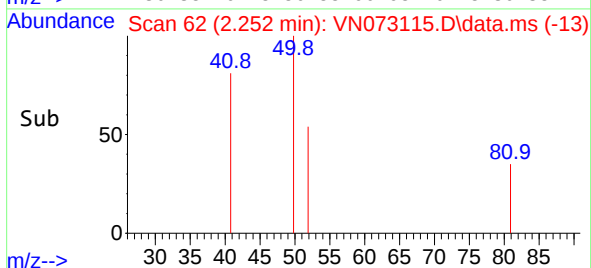
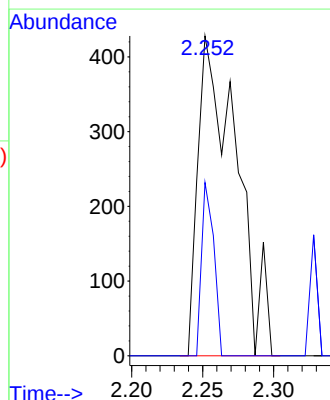
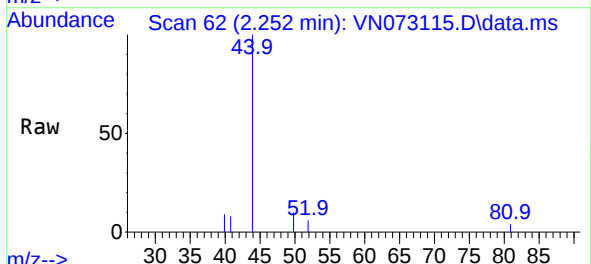
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-2

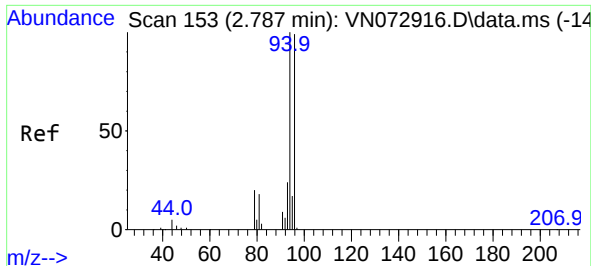
Tgt Ion:168 Resp: 370555
Ion Ratio Lower Upper
168 100
99 57.7 42.3 63.5



#3
Chloromethane
Concen: 0.779 ug/l
RT: 2.252 min Scan# 62
Delta R.T. -0.011 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

Tgt Ion: 50 Resp: 803
Ion Ratio Lower Upper
50 100
52 54.2 25.7 38.5#

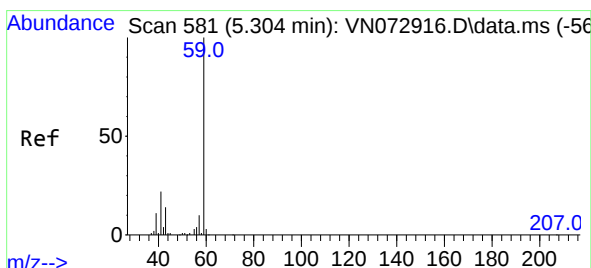
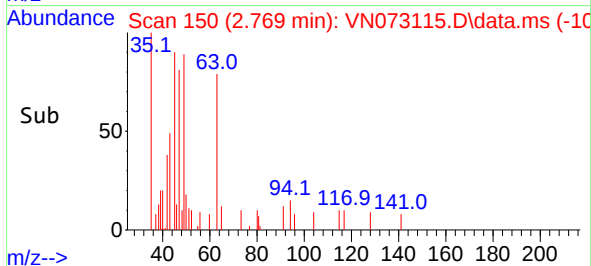
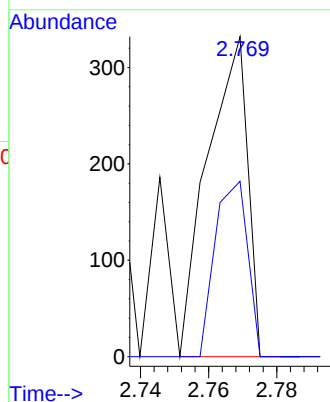
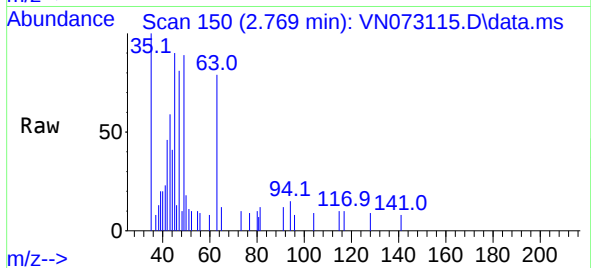




#5
Bromomethane
Concen: 0.218 ug/l
RT: 2.769 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

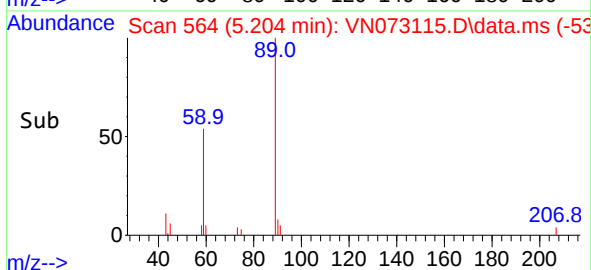
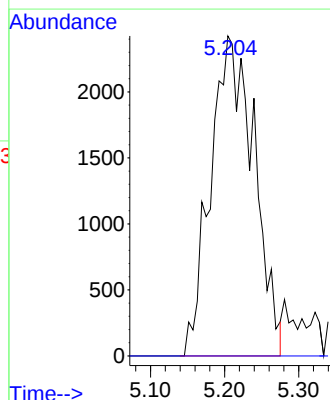
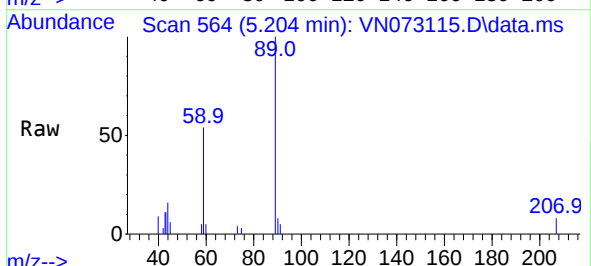
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-2

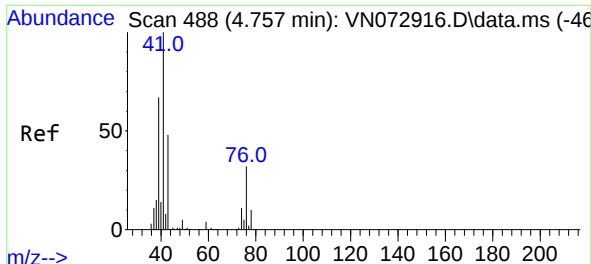
Tgt Ion: 94 Resp: 271
Ion Ratio Lower Upper
94 100
96 54.8 76.0 114.0#



#11
Tert butyl alcohol
Concen: 7.652 ug/l
RT: 5.204 min Scan# 564
Delta R.T. -0.100 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

Tgt Ion: 59 Resp: 9903
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#14

Allyl chloride

Concen: 0.377 ug/l

RT: 4.781 min Scan# 492

Delta R.T. 0.024 min

Lab File: VN073115.D

Acq: 25 Jun 2022 17:07

Instrument :

MSVOA_N

ClientSampleId :

SP-EXC-2-2

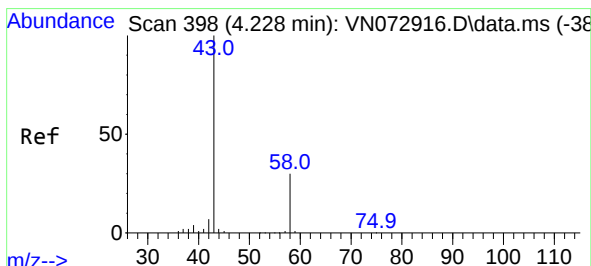
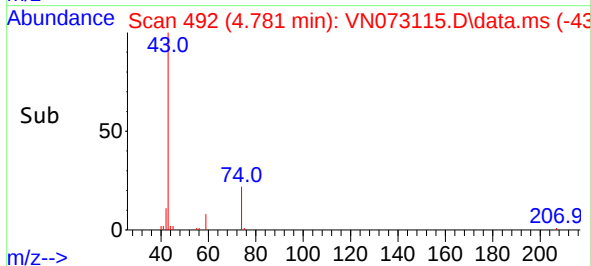
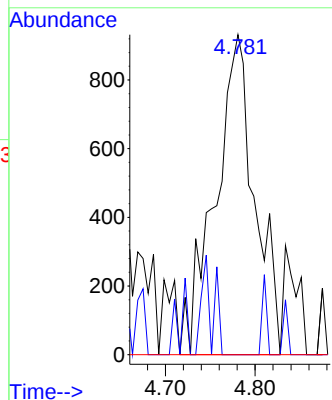
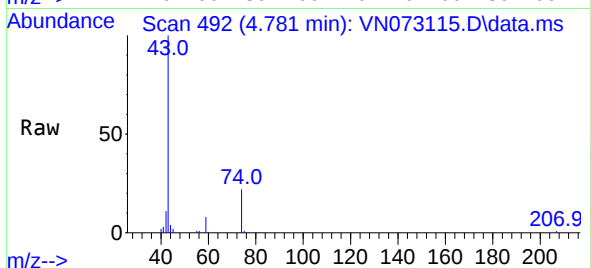
Tgt Ion: 41 Resp: 2858

Ion Ratio Lower Upper

41 100

39 0.0 53.2 79.8#

76 0.0 29.9 44.9#



#16

Acetone

Concen: 2.003 ug/l

RT: 4.251 min Scan# 402

Delta R.T. 0.024 min

Lab File: VN073115.D

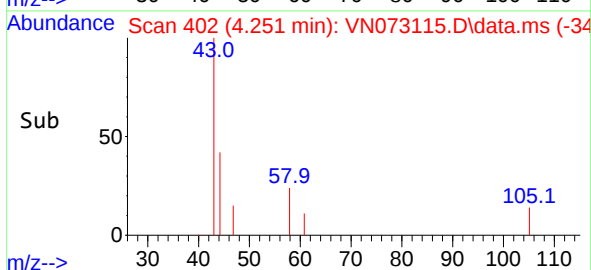
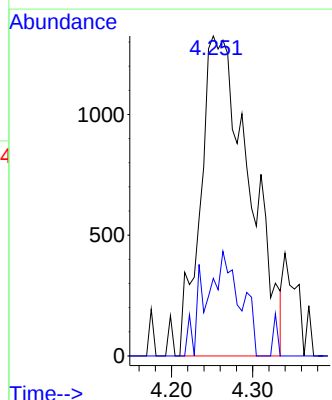
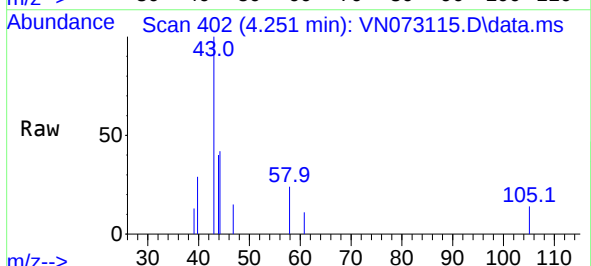
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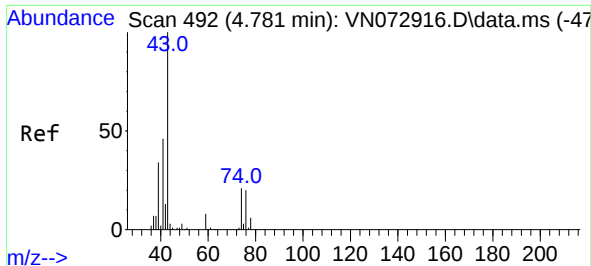
Tgt Ion: 43 Resp: 5517

Ion Ratio Lower Upper

43 100

58 24.2 26.0 39.0#

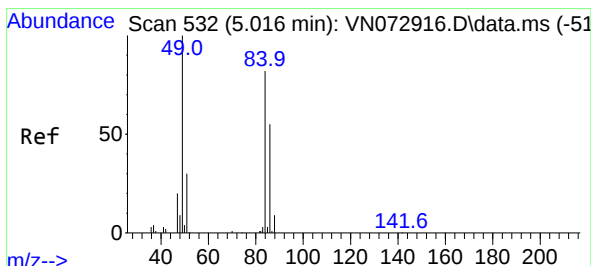
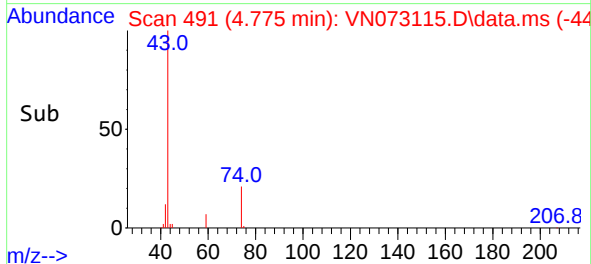
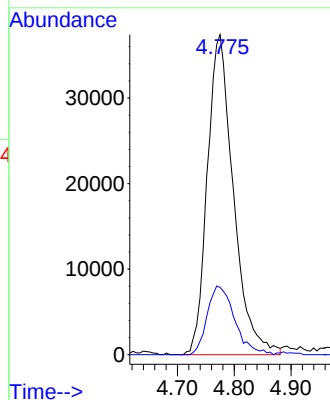
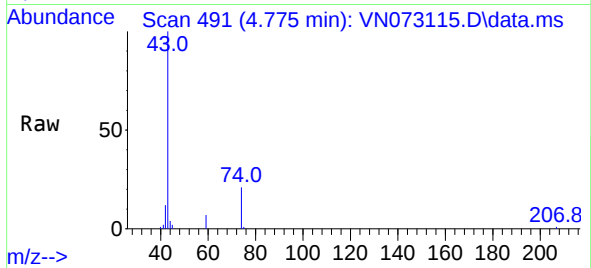




#18
Methyl Acetate
Concen: 16.265 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

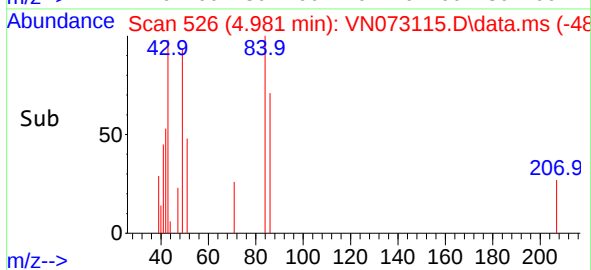
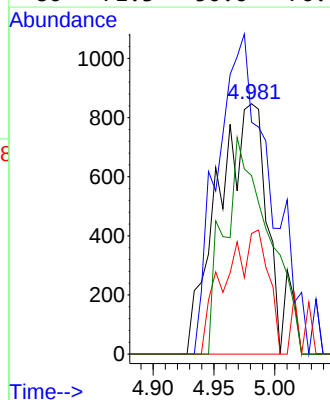
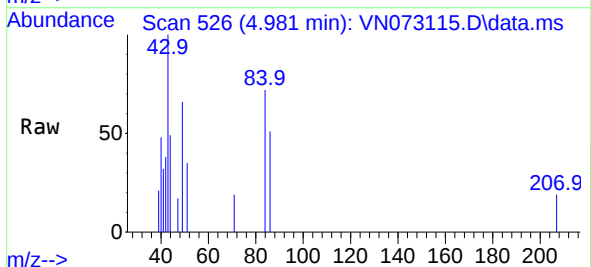
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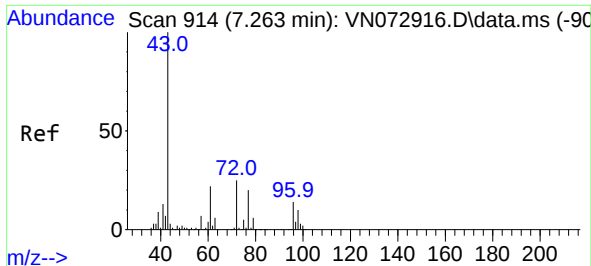
Tgt Ion: 43 Resp: 119276
Ion Ratio Lower Upper
43 100
74 22.6 21.6 32.4



#20
Methylene Chloride
Concen: 0.303 ug/l
RT: 4.981 min Scan# 526
Delta R.T. -0.035 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

Tgt Ion: 84 Resp: 2321
Ion Ratio Lower Upper
84 100
49 92.6 88.3 132.5
51 48.2 28.2 42.2#
86 71.3 50.6 76.0

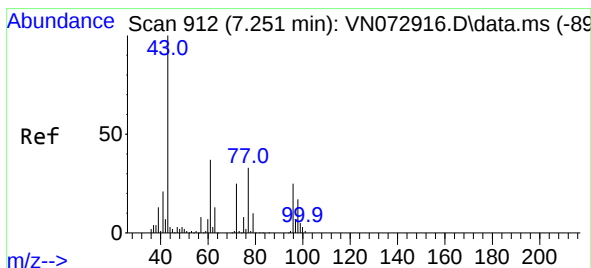
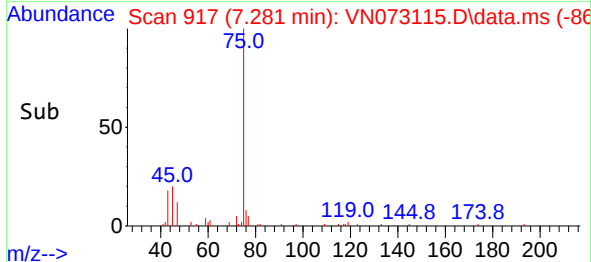
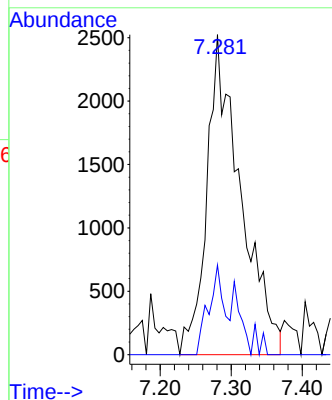
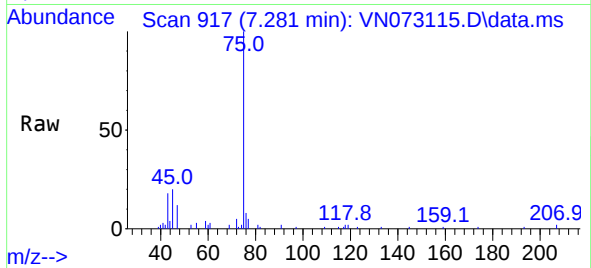




#25
2-Butanone
Concen: 1.908 ug/l
RT: 7.281 min Scan# 917
Delta R.T. 0.018 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

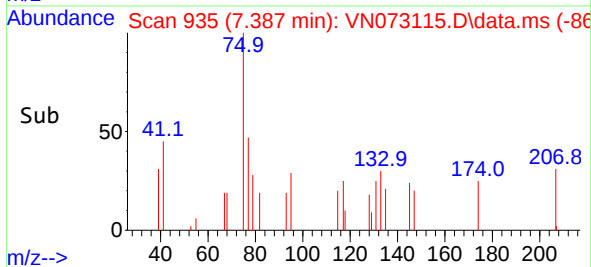
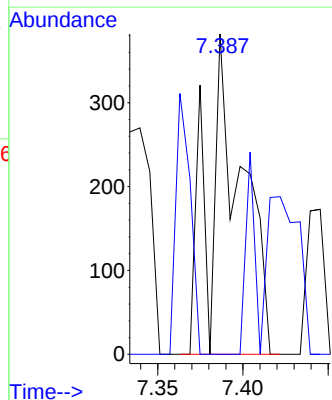
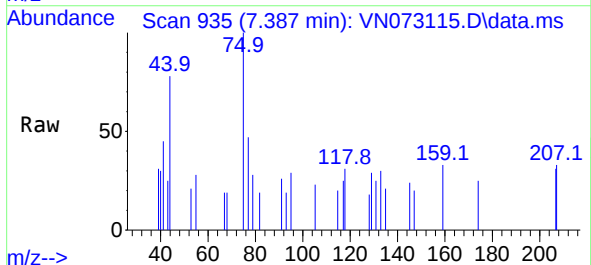
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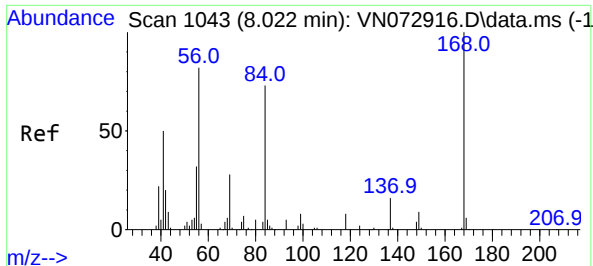
Tgt Ion: 43 Resp: 8336
Ion Ratio Lower Upper
43 100
72 28.0 23.7 35.5



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.387 min Scan# 935
Delta R.T. 0.136 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

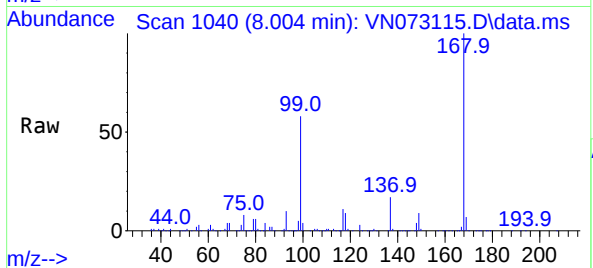
Tgt Ion: 77 Resp: 517
Ion Ratio Lower Upper
77 100
97 16.4 11.4 34.2



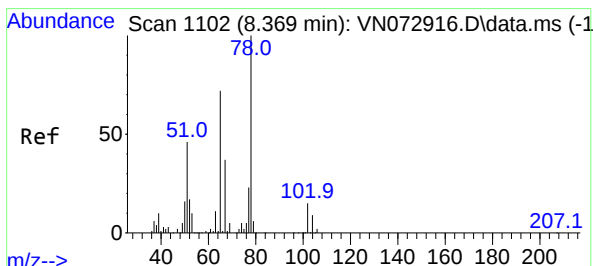
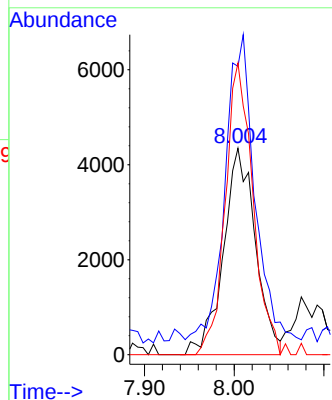
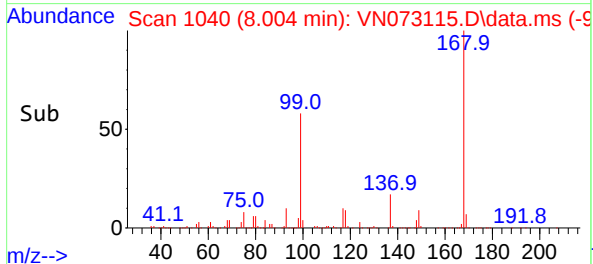


#31
Cyclohexane
Concen: 1.596 ug/l
RT: 8.004 min Scan# 1040
Delta R.T. -0.018 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

Instrument :
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ClientSampleId :
SP-EXC-2-2

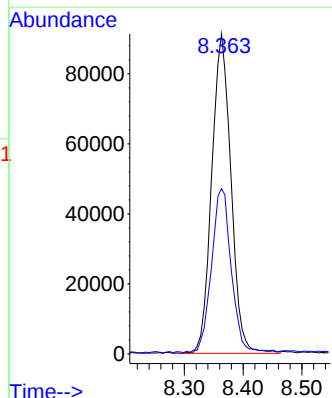
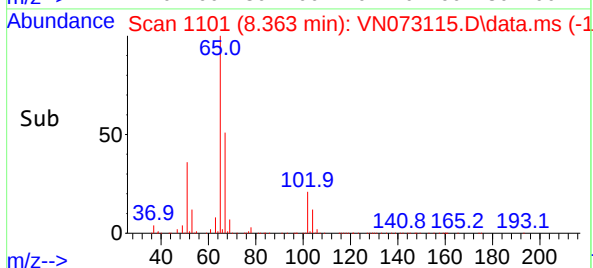
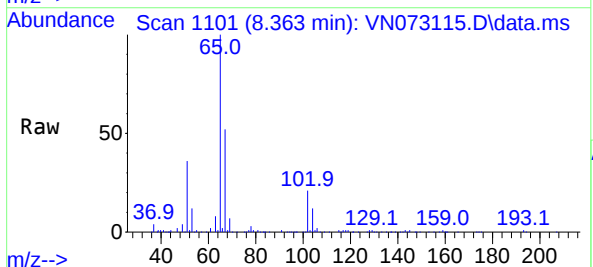


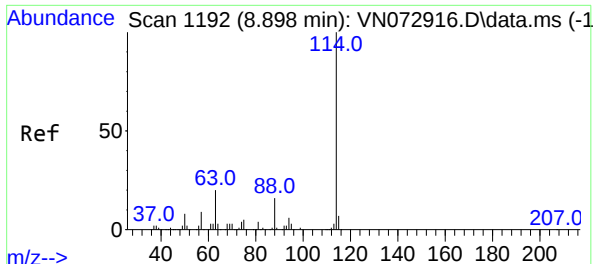
Tgt Ion: 56 Resp: 10819
Ion Ratio Lower Upper
56 100
69 129.5 27.8 41.8#
84 141.3 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 41.426 ug/l
RT: 8.363 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

Tgt Ion: 65 Resp: 207538
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073115.D

Acq: 25 Jun 2022 17:07

Instrument :

MSVOA_N

ClientSampleId :

SP-EXC-2-2

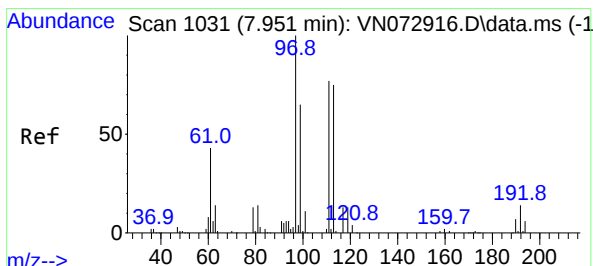
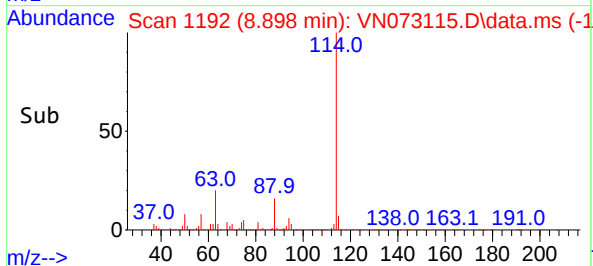
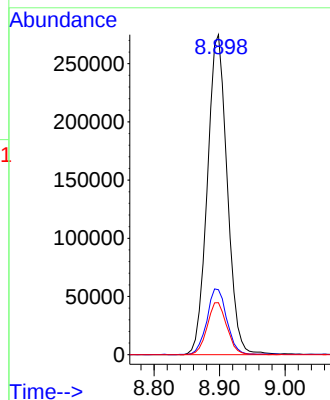
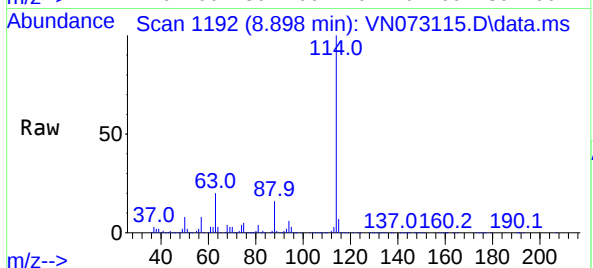
Tgt Ion:114 Resp: 578352

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.0

88 16.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.989 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN073115.D

Acq: 25 Jun 2022 17:07

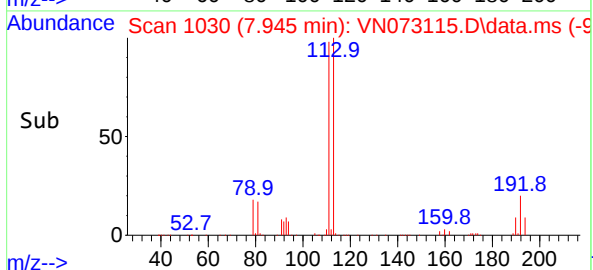
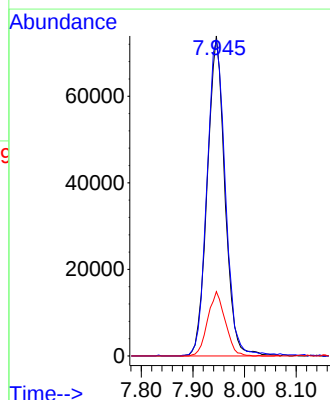
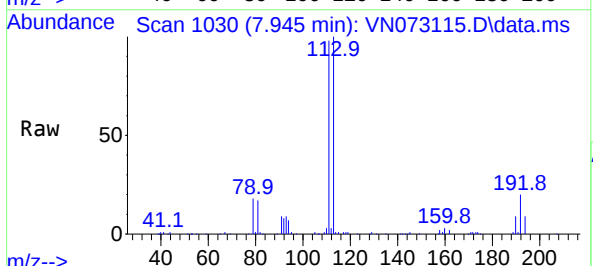
Tgt Ion:113 Resp: 175123

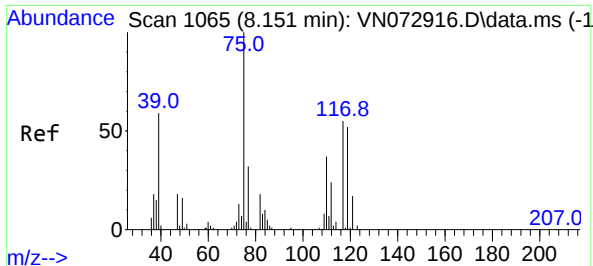
Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

192 20.0 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.935 ug/l

RT: 8.004 min Scan# 1

Delta R.T. -0.147 min

Lab File: VN073115.D

Acq: 25 Jun 2022 17:07

Instrument :

MSVOA_N

ClientSampleId :

SP-EXC-2-2

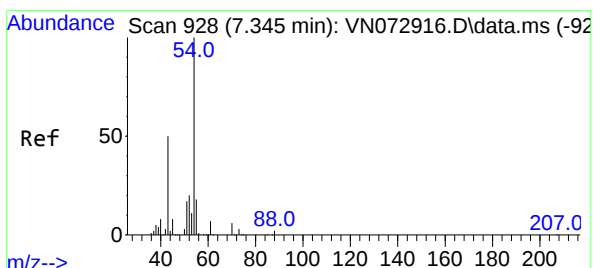
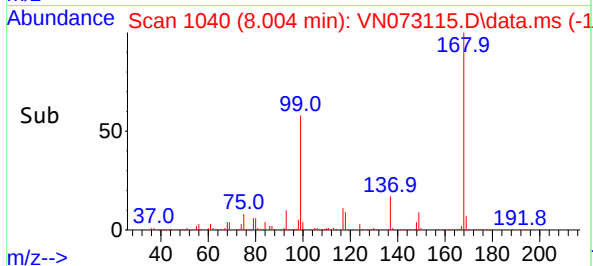
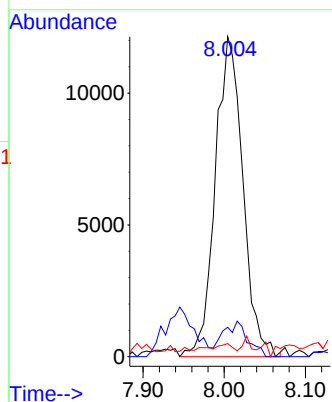
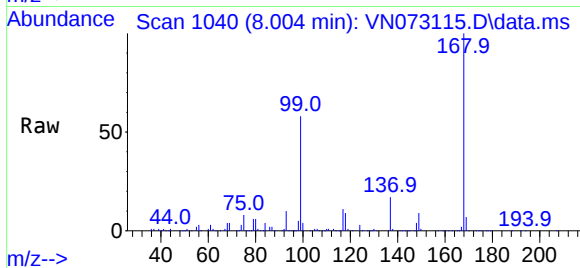
Tgt Ion: 75 Resp: 28708

Ion Ratio Lower Upper

75 100

110 0.0 18.3 54.8#

77 1.4 25.1 37.7#



#37

Ethyl Acetate

Concen: 1.077 ug/l

RT: 7.281 min Scan# 917

Delta R.T. -0.065 min

Lab File: VN073115.D

Acq: 25 Jun 2022 17:07

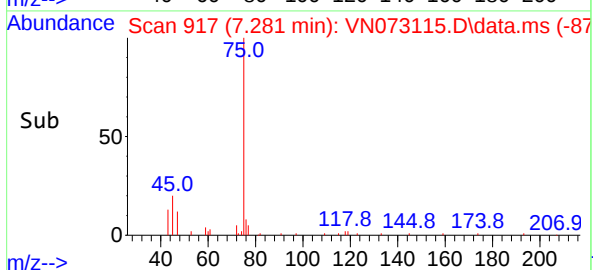
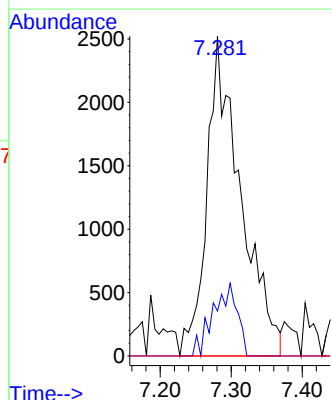
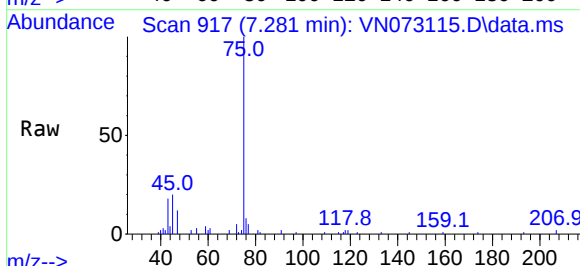
Tgt Ion: 43 Resp: 8336

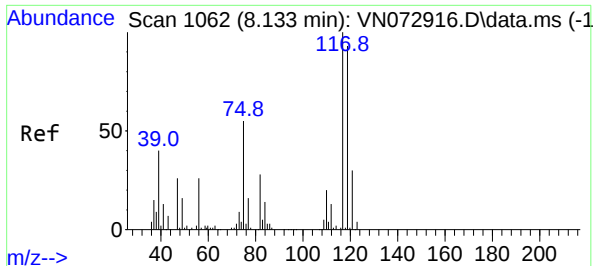
Ion Ratio Lower Upper

43 100

61 16.2 11.8 17.6

70 0.0 9.3 13.9#

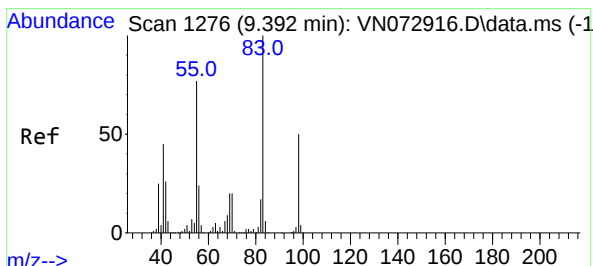
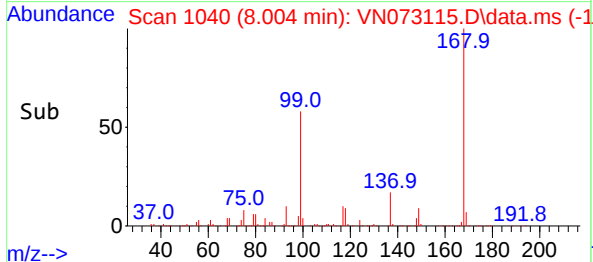
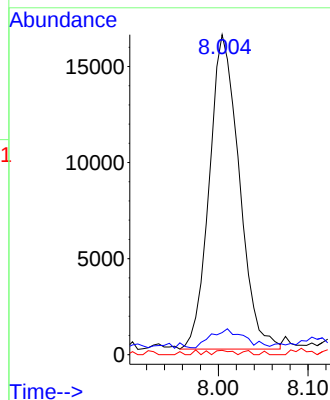
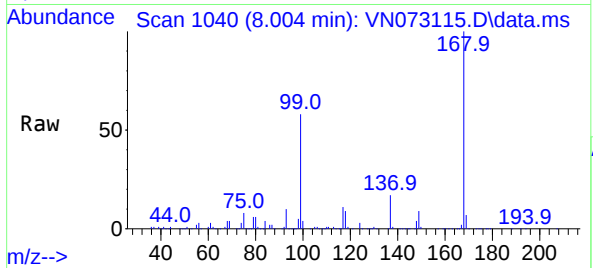




#38
Carbon Tetrachloride
Concen: 7.441 ug/l
RT: 8.004 min Scan# 1040
Delta R.T. -0.129 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

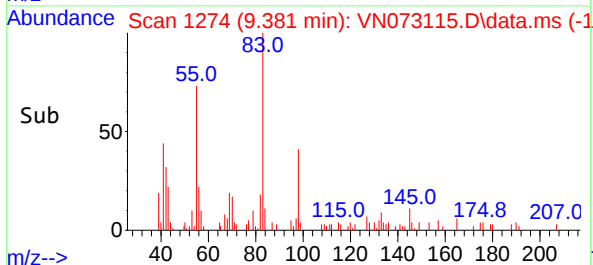
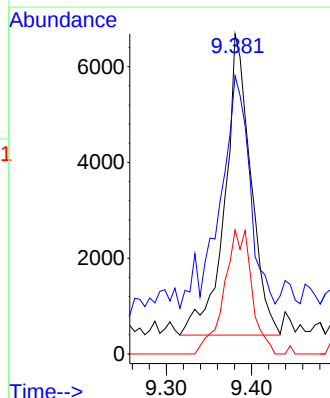
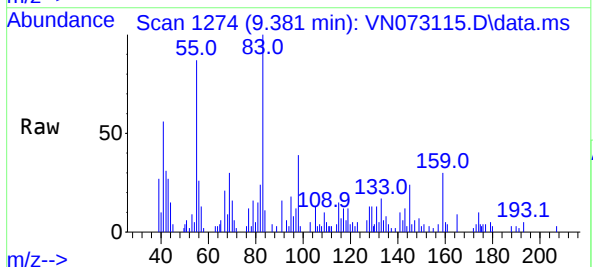
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-2

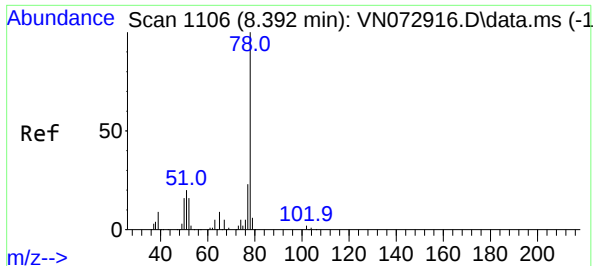
Tgt Ion:117 Resp: 37858
Ion Ratio Lower Upper
117 100
119 3.5 75.8 113.8#
121 1.4 24.6 37.0#



#39
Methylcyclohexane
Concen: 2.290 ug/l
RT: 9.381 min Scan# 1274
Delta R.T. -0.012 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

Tgt Ion: 83 Resp: 13351
Ion Ratio Lower Upper
83 100
55 77.3 57.8 86.8
98 41.2 39.4 59.2

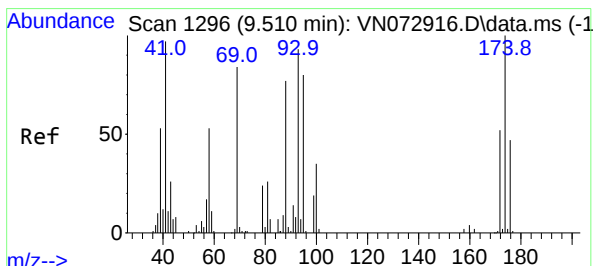
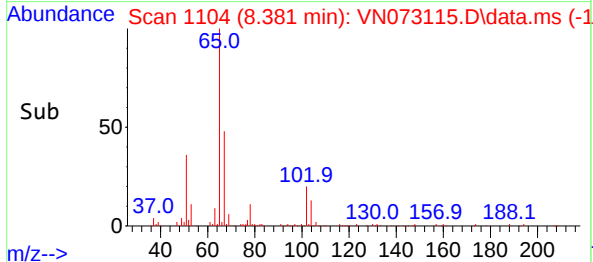
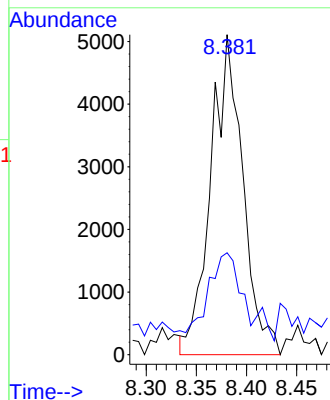
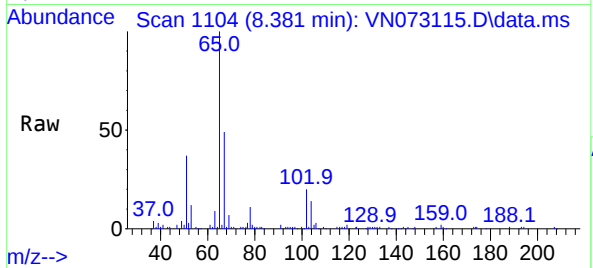




#40
Benzene
Concen: 0.748 ug/l
RT: 8.381 min Scan# 1104
Delta R.T. -0.012 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

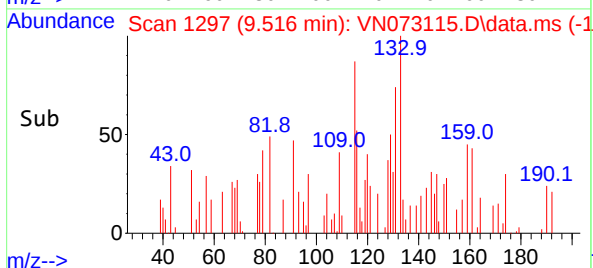
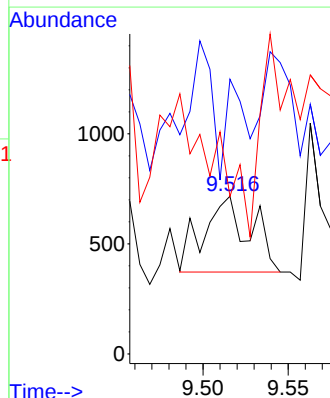
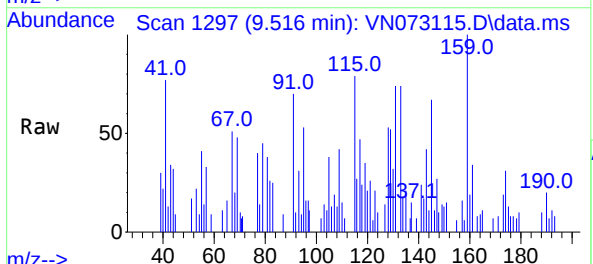
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-2

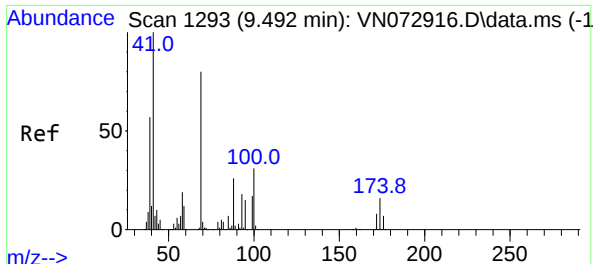
Tgt Ion: 78 Resp: 11365
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0



#46
Dibromomethane
Concen: 0.248 ug/l
RT: 9.516 min Scan# 1297
Delta R.T. 0.006 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

Tgt Ion: 93 Resp: 651
Ion Ratio Lower Upper
93 100
95 54.4 66.9 100.3#
174 0.0 86.6 130.0#





#48

Methyl methacrylate

Concen: 0.295 ug/l

RT: 9.492 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN073115.D

Acq: 25 Jun 2022 17:07

Instrument :

MSVOA_N

ClientSampleId :

SP-EXC-2-2

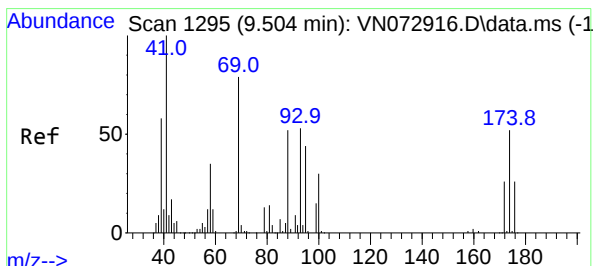
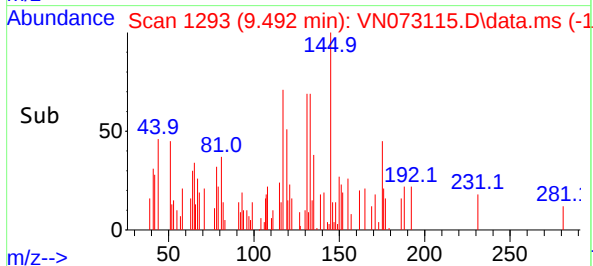
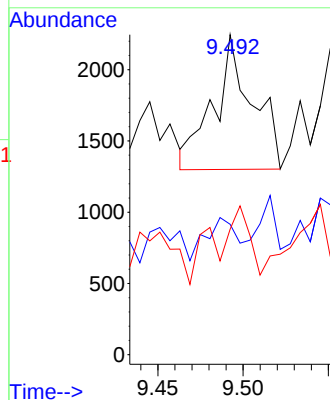
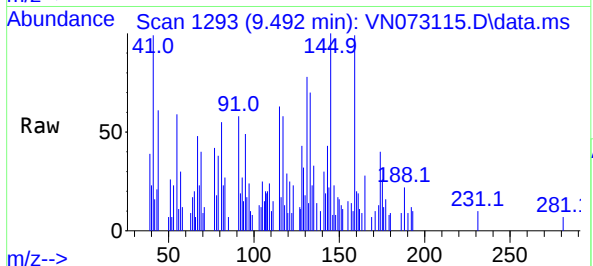
Tgt Ion: 41 Resp: 1491

Ion Ratio Lower Upper

41 100

69 24.3 74.7 112.1#

39 25.6 45.6 68.4#



#49

1,4-Dioxane

Concen: 1.188 ug/l

RT: 9.598 min Scan# 1311

Delta R.T. 0.094 min

Lab File: VN073115.D

Acq: 25 Jun 2022 17:07

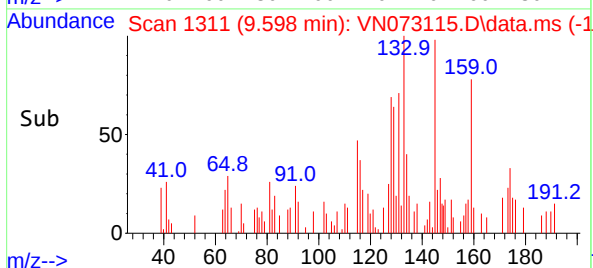
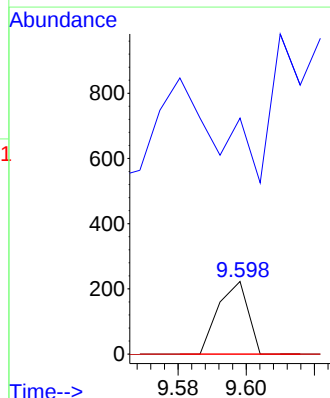
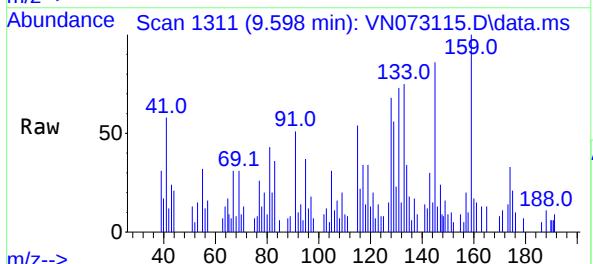
Tgt Ion: 88 Resp: 135

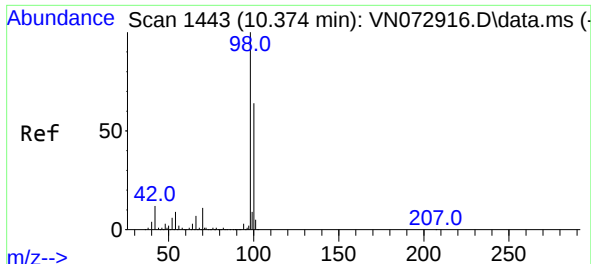
Ion Ratio Lower Upper

88 100

43 611.1 20.2 30.4#

58 0.0 54.2 81.4#

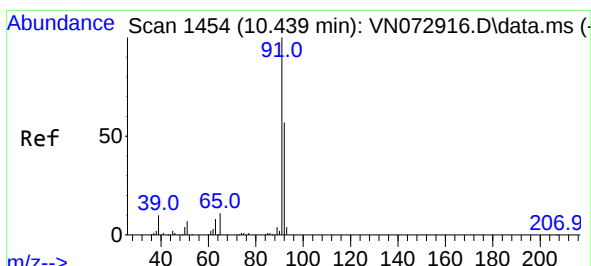
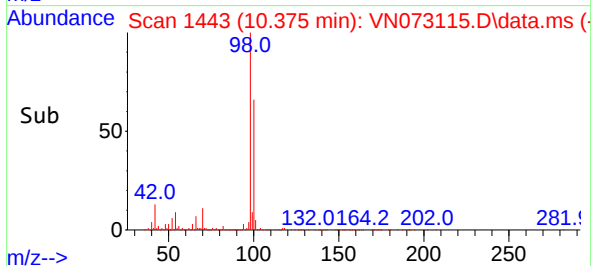
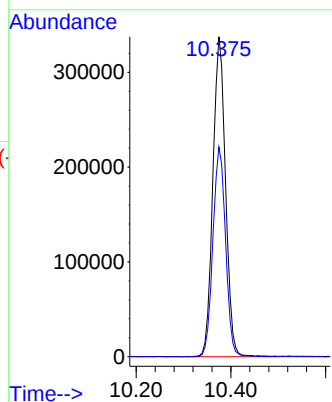
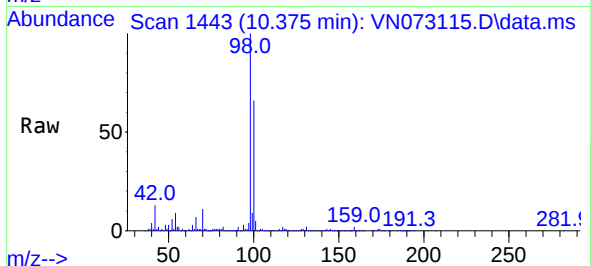




#50
Toluene-d8
Concen: 47.102 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

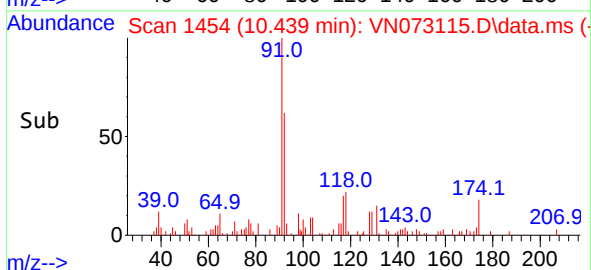
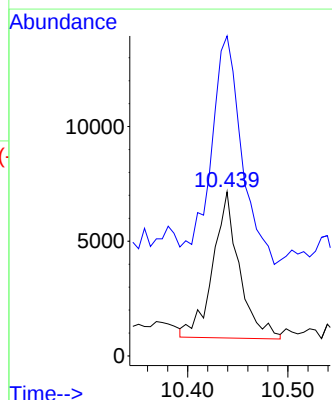
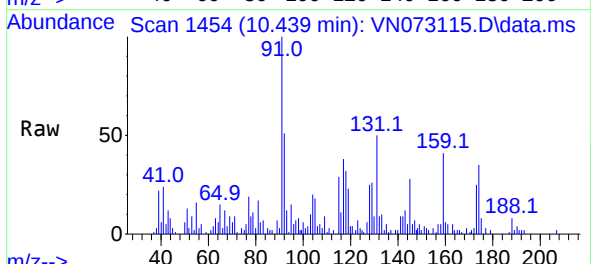
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-2

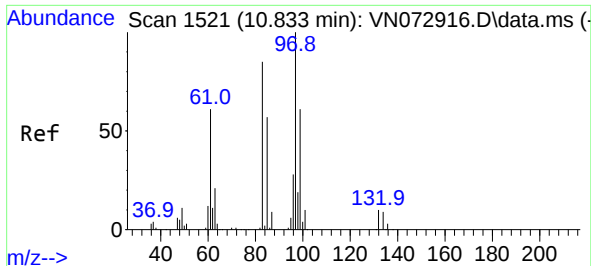
Tgt Ion: 98 Resp: 626534
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8



#52
Toluene
Concen: 1.251 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

Tgt Ion: 92 Resp: 11674
Ion Ratio Lower Upper
92 100
91 176.3 138.6 207.8

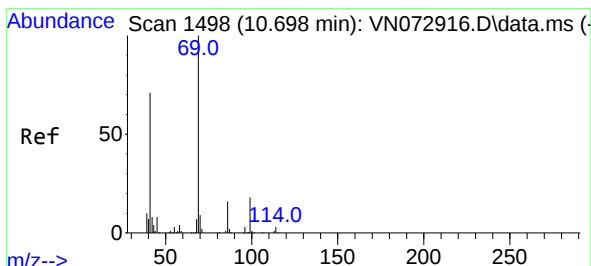
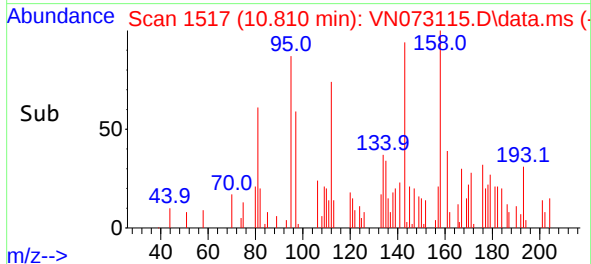
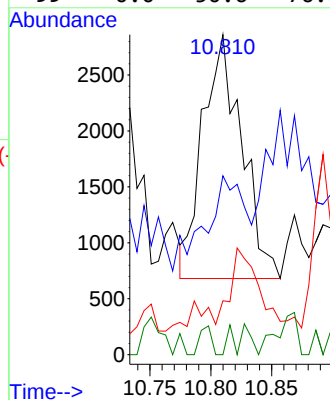
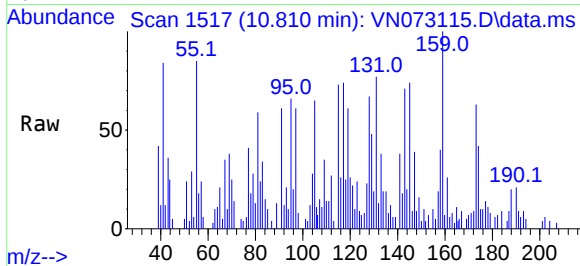




#55
1,1,2-Trichloroethane
Concen: 1.187 ug/l
RT: 10.810 min Scan# 1517
Delta R.T. -0.023 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

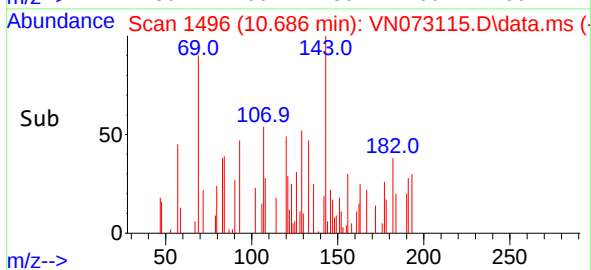
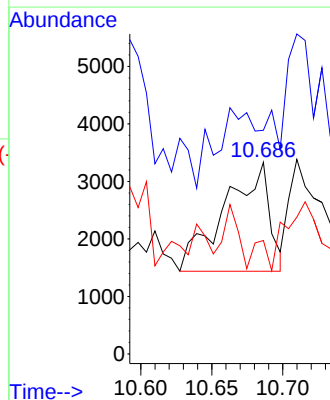
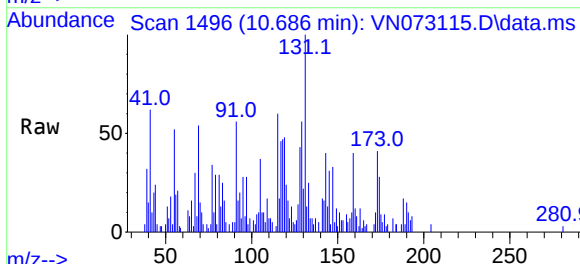
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-2

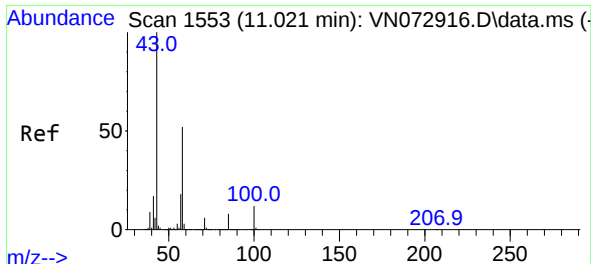
Tgt Ion:	97	Resp:	4866
Ion	Ratio	Lower	Upper
97	100		
83	24.4	66.2	99.4#
85	8.9	43.9	65.9#
99	0.0	50.6	76.0#



#56
Ethyl methacrylate
Concen: 0.633 ug/l
RT: 10.686 min Scan# 1496
Delta R.T. -0.012 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

Tgt Ion:	69	Resp:	4159
Ion	Ratio	Lower	Upper
69	100		
41	0.0	47.8	71.6#
39	0.0	27.3	40.9#





#59

2-Hexanone

Concen: 0.222 ug/l

RT: 11.033 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN073115.D

Acq: 25 Jun 2022 17:07

Instrument :

MSVOA_N

ClientSampleId :

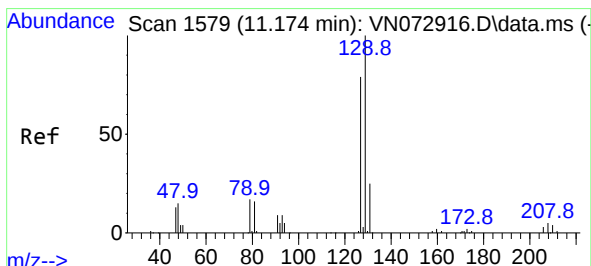
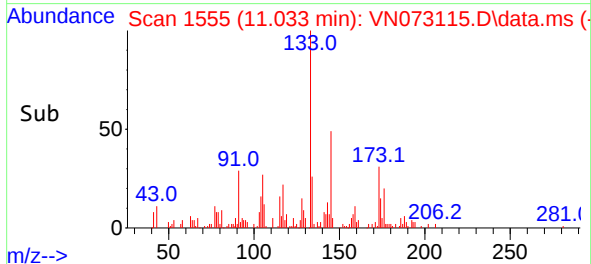
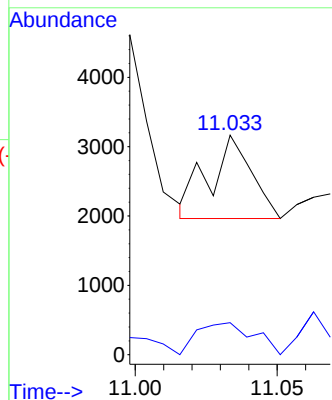
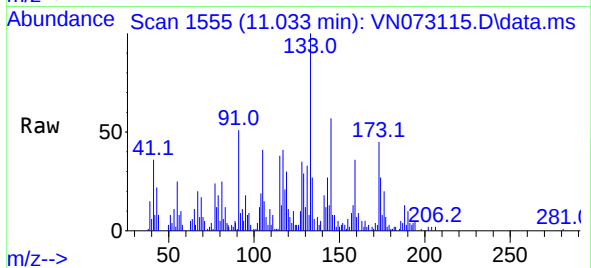
SP-EXC-2-2

Tgt Ion: 43 Resp: 1240

Ion Ratio Lower Upper

43 100

58 51.8 29.7 89.1



#60

Dibromochloromethane

Concen: 0.394 ug/l

RT: 11.186 min Scan# 1581

Delta R.T. 0.012 min

Lab File: VN073115.D

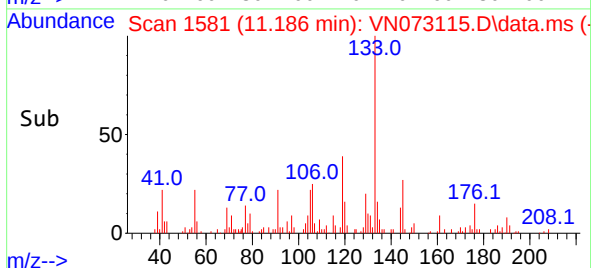
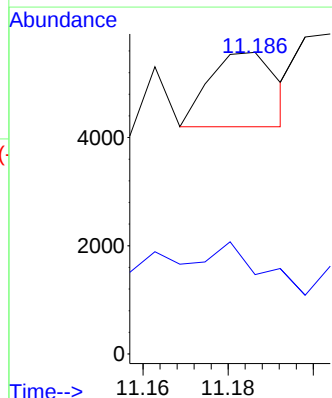
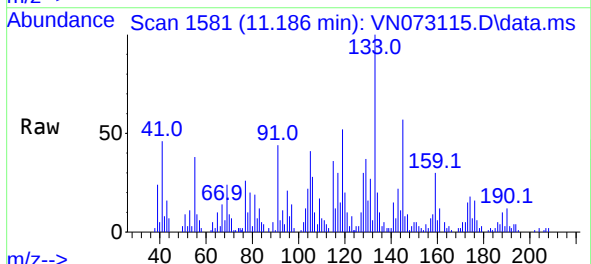
Acq: 25 Jun 2022 17:07

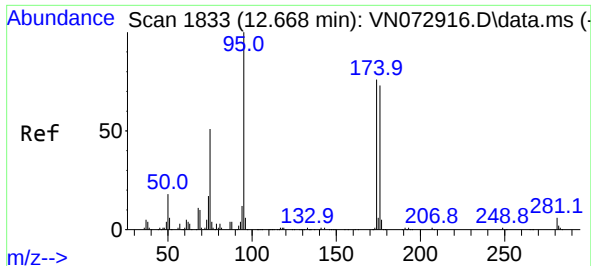
Tgt Ion:129 Resp: 1526

Ion Ratio Lower Upper

129 100

127 98.9 38.8 116.4

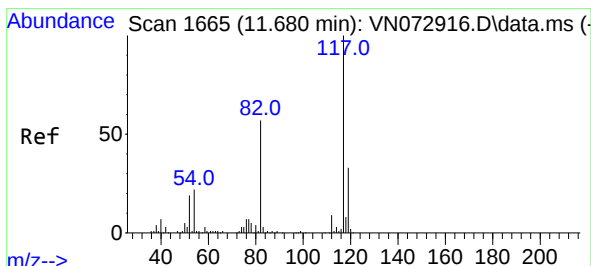
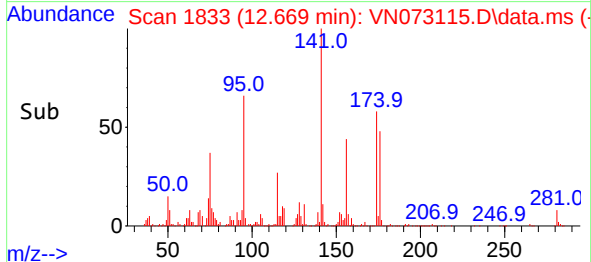
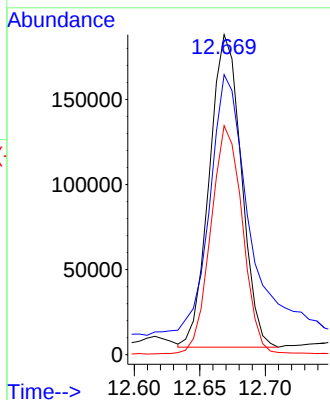
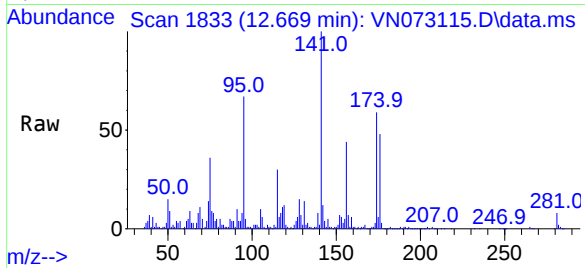




#62
4-Bromofluorobenzene
Concen: 65.060 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

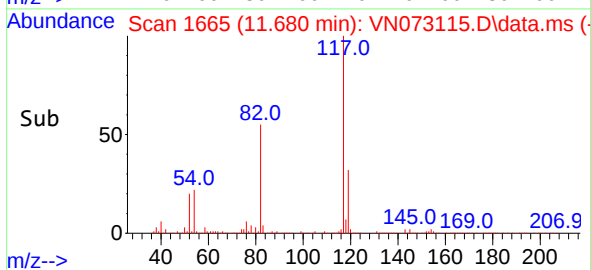
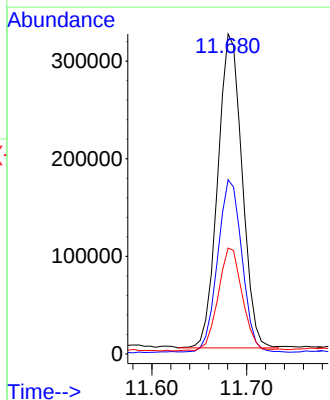
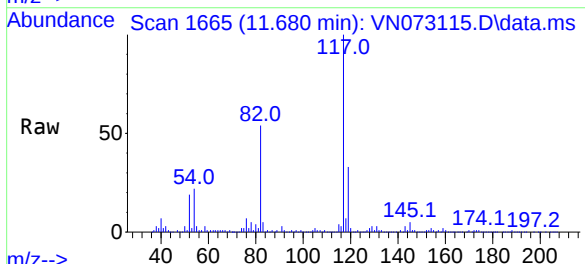
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-2

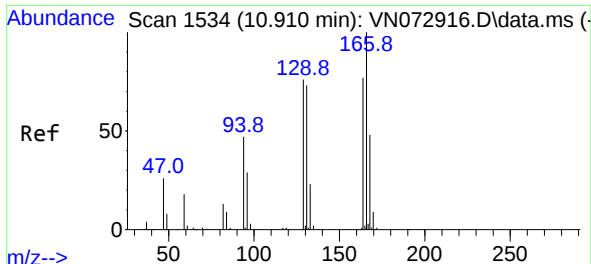
Tgt Ion: 95 Resp: 311187
Ion Ratio Lower Upper
95 100
174 141.3 0.0 167.6
176 73.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

Tgt Ion: 117 Resp: 575016
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.2
119 32.7 25.4 38.0

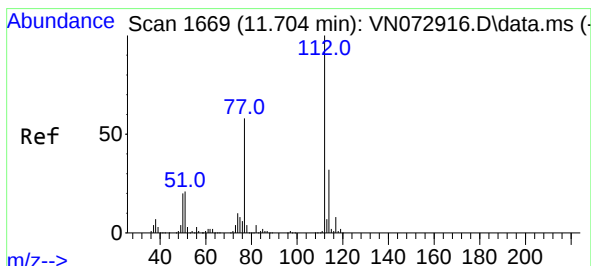
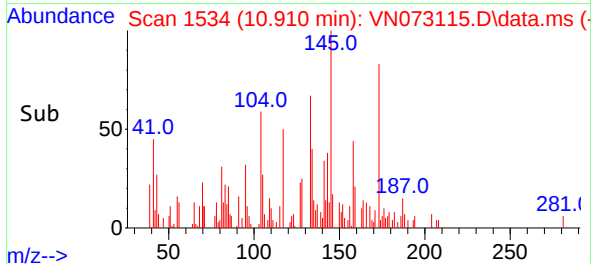
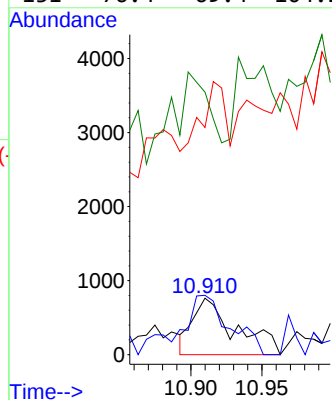
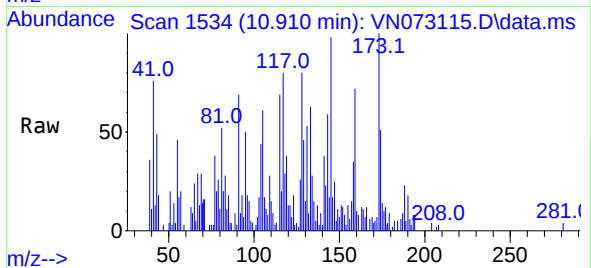




#64
Tetrachloroethene
Concen: 0.459 ug/l
RT: 10.910 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

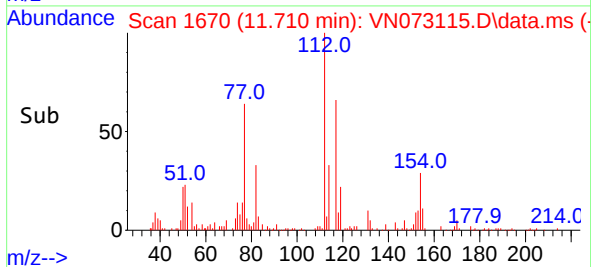
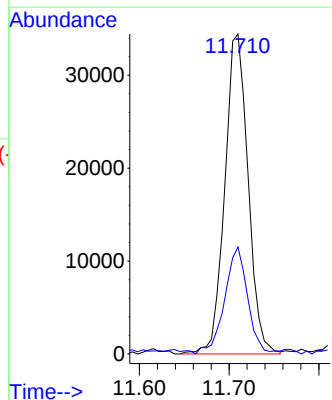
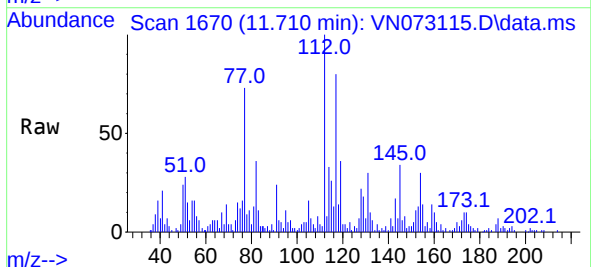
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-2

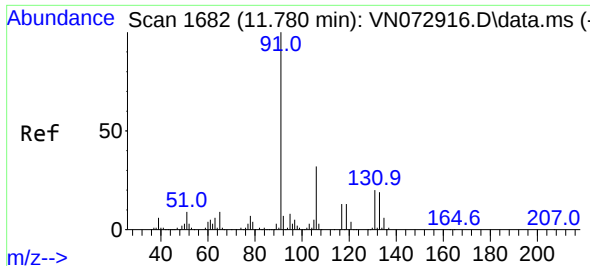
Tgt Ion:164 Resp: 1607
Ion Ratio Lower Upper
164 100
166 105.2 104.2 156.2
129 42.4 73.9 110.9#
131 76.4 69.4 104.2



#65
Chlorobenzene
Concen: 5.523 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.006 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

Tgt Ion:112 Resp: 62022
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.2

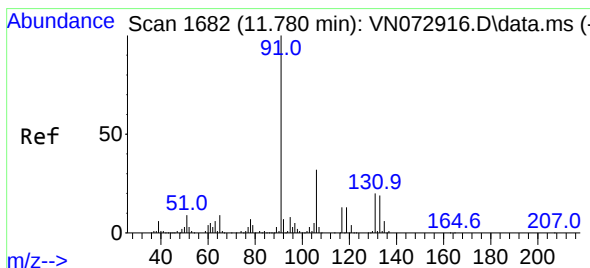
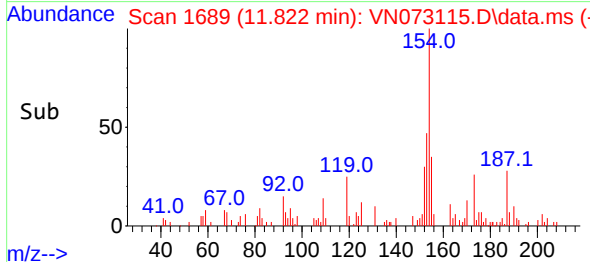
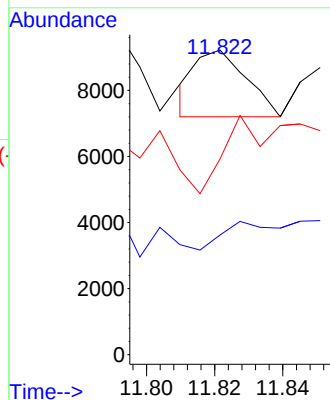
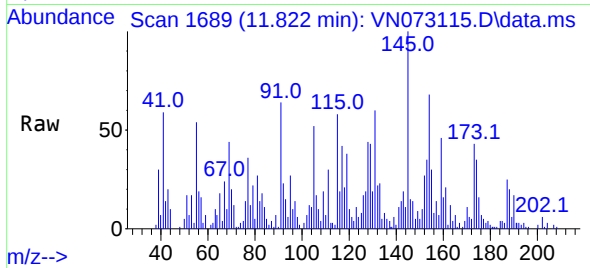




#66
1,1,1,2-Tetrachloroethane
Concen: 0.492 ug/l
RT: 11.822 min Scan# 1182
Delta R.T. 0.041 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

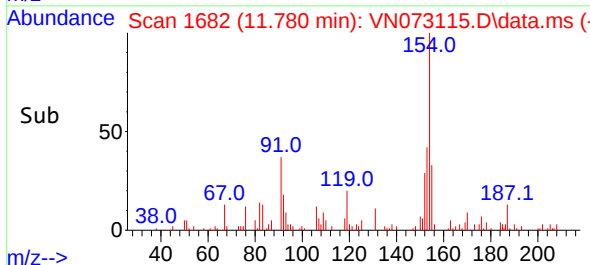
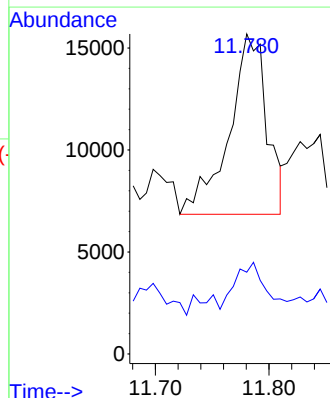
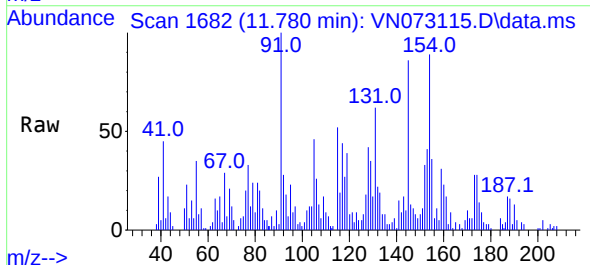
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-2

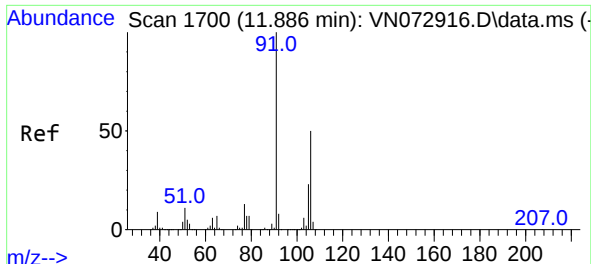
Tgt Ion:131 Resp: 2101
Ion Ratio Lower Upper
131 100
133 0.0 47.8 143.4#
119 0.0 33.4 100.2#



#67
Ethyl Benzene
Concen: 1.033 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

Tgt Ion: 91 Resp: 20423
Ion Ratio Lower Upper
91 100
106 16.9 24.9 37.3#

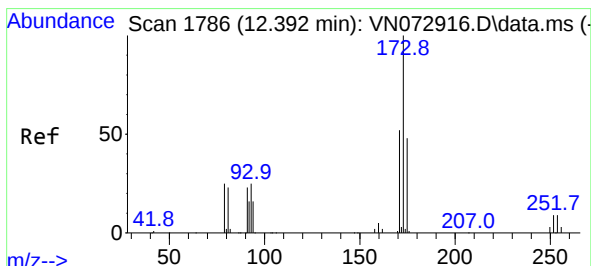
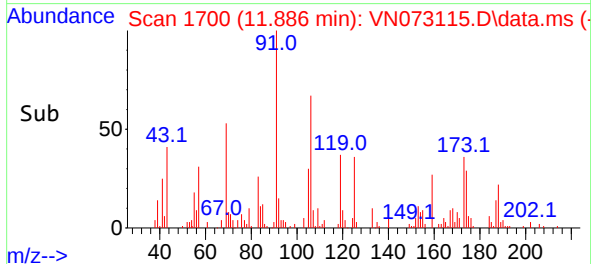
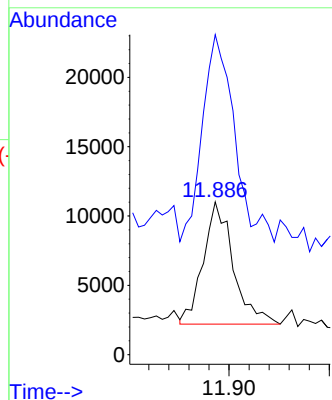
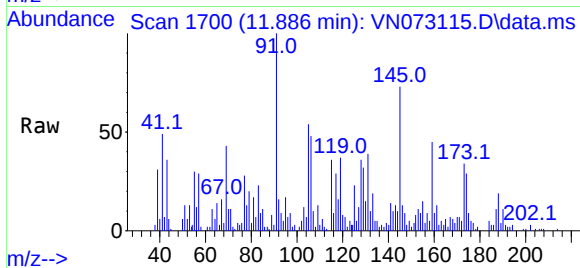




#68
m/p-Xylenes
Concen: 2.361 ug/l
RT: 11.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

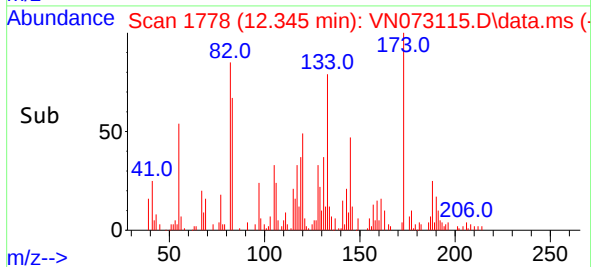
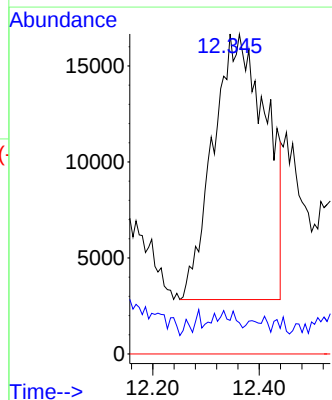
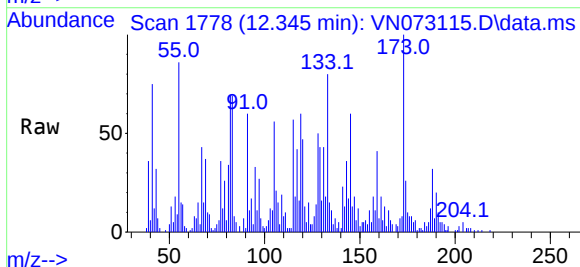
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-2

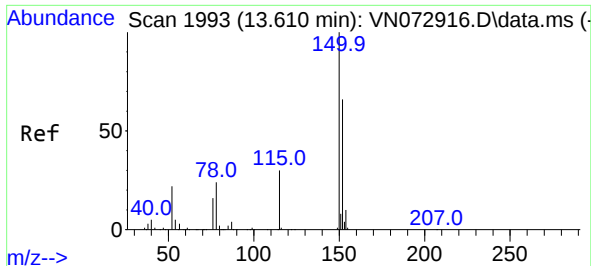
Tgt Ion:106 Resp: 18303
Ion Ratio Lower Upper
106 100
91 187.4 158.9 238.3



#71
Bromoform
Concen: 29.731 ug/l
RT: 12.345 min Scan# 1778
Delta R.T. -0.047 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

Tgt Ion:173 Resp: 95815
Ion Ratio Lower Upper
173 100
175 1.3 24.6 73.6#
254 0.0 0.1 0.1#

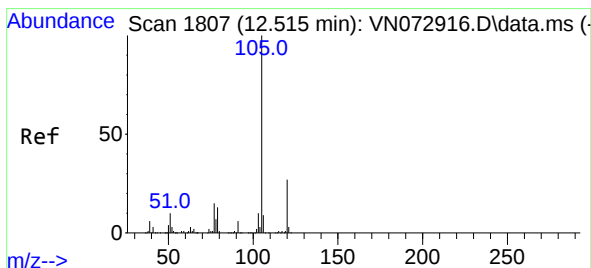
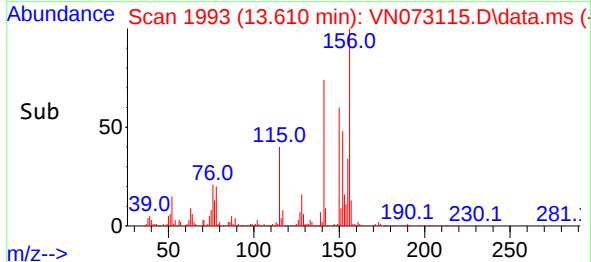
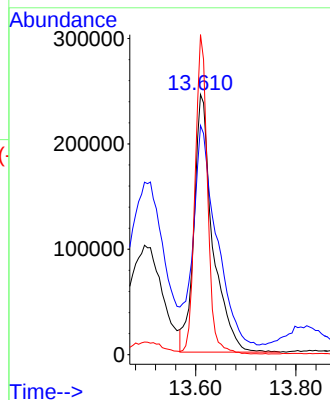
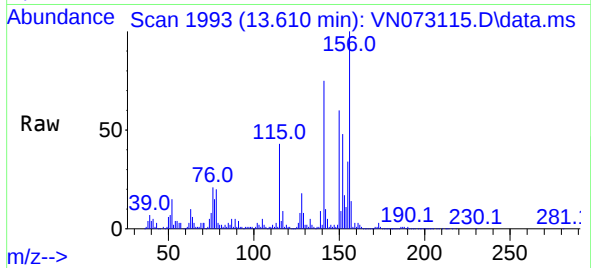




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

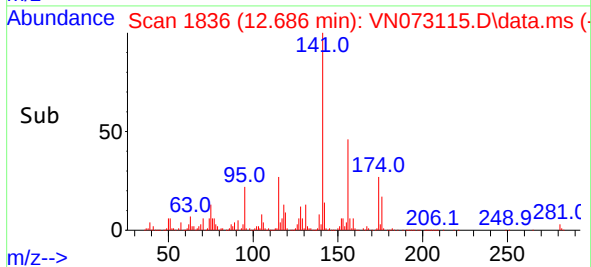
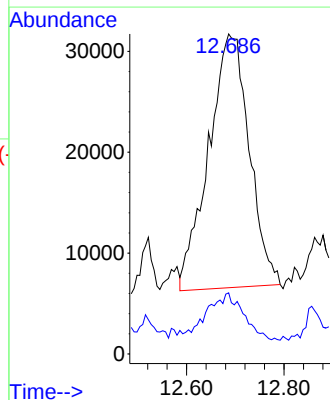
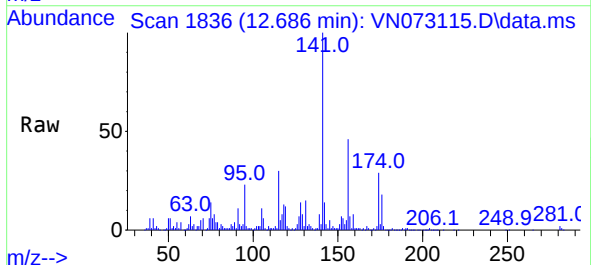
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-2

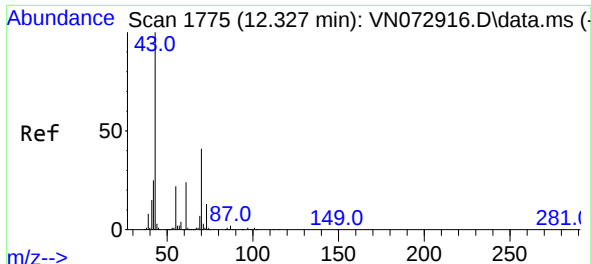
Tgt Ion:152 Resp: 633083
Ion Ratio Lower Upper
152 100
115 105.1 28.9 86.7#
150 82.4 0.0 356.2



#73
Isopropylbenzene
Concen: 2.978 ug/l
RT: 12.686 min Scan# 1836
Delta R.T. 0.171 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

Tgt Ion:105 Resp: 145833
Ion Ratio Lower Upper
105 100
120 16.4 13.5 40.4



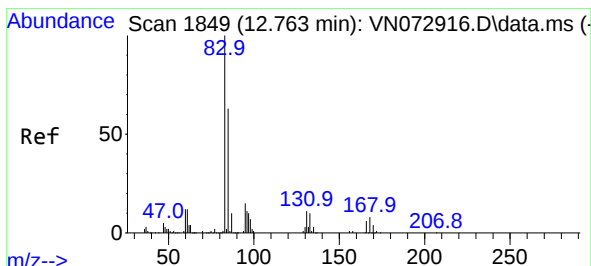
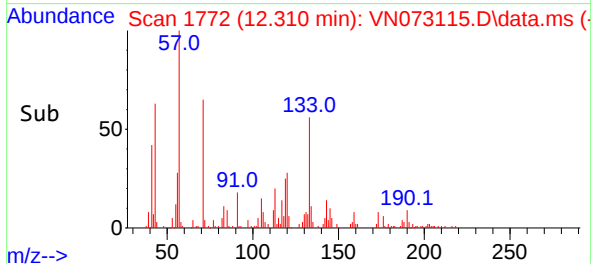
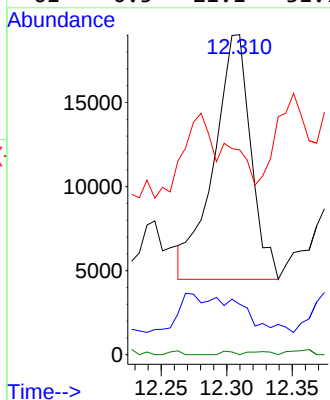
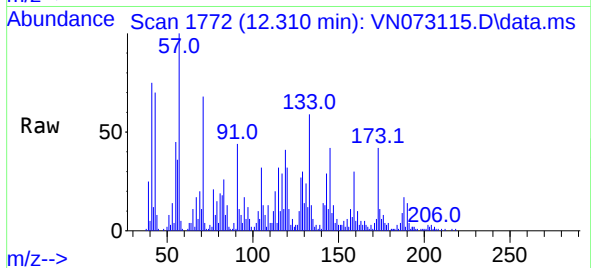


#74
N-amy1 acetate
Concen: 1.126 ug/l
RT: 12.310 min Scan# 1775
Delta R.T. -0.018 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-2

Tgt Ion: 43 Resp: 28608

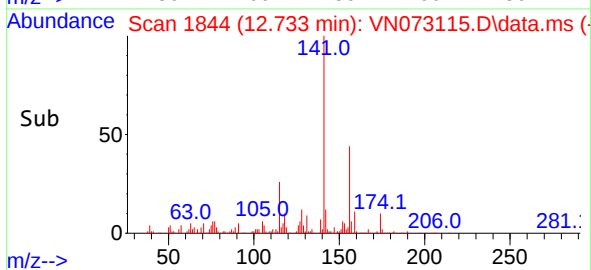
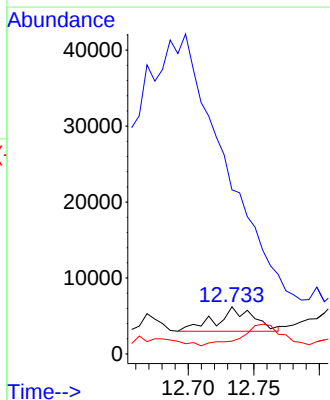
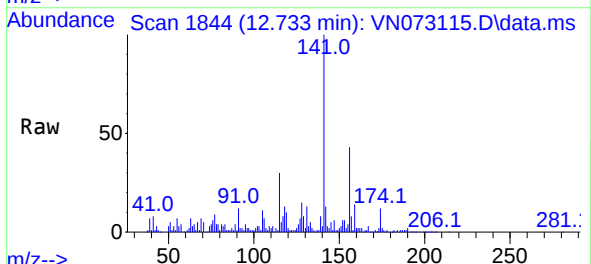
Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.0	58.4#
55	0.0	21.1	31.7#
61	0.5	21.1	31.7#

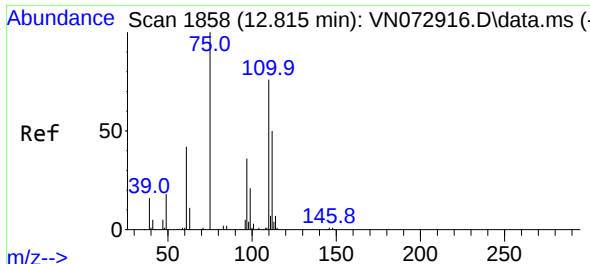


#75
1,1,2,2-Tetrachloroethane
Concen: 0.366 ug/l
RT: 12.733 min Scan# 1844
Delta R.T. -0.029 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

Tgt Ion: 83 Resp: 6452

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.3	15.9#
85	0.0	32.3	96.9#

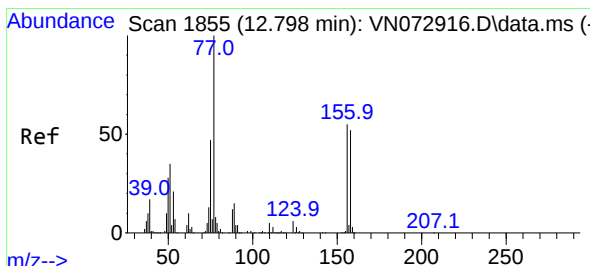
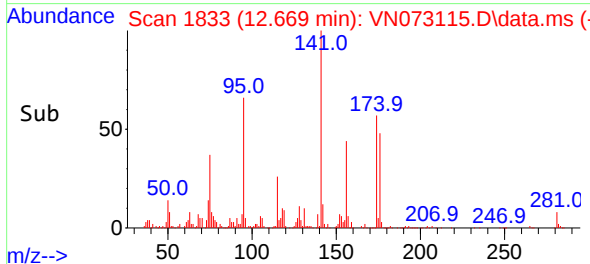
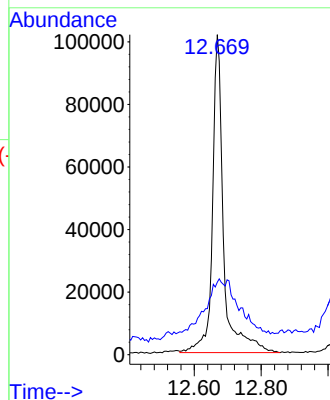
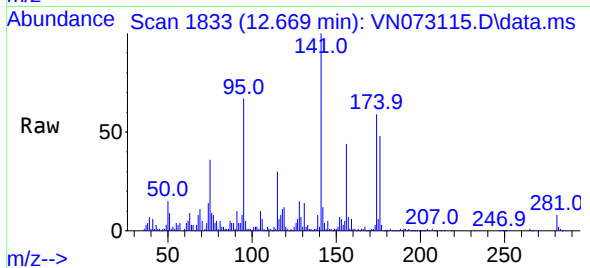




#76
1,2,3-Trichloropropane
Concen: 15.182 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

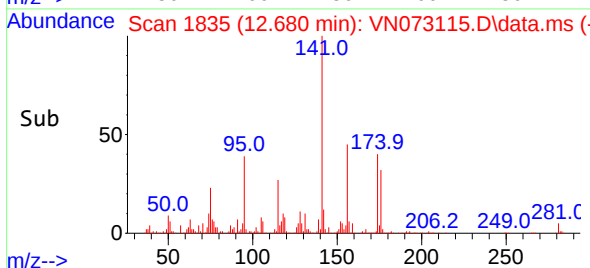
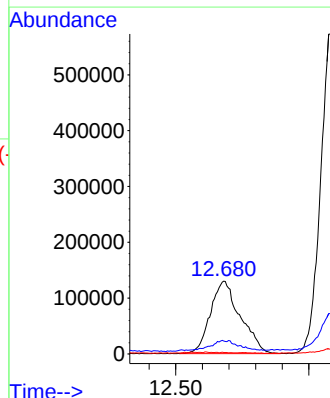
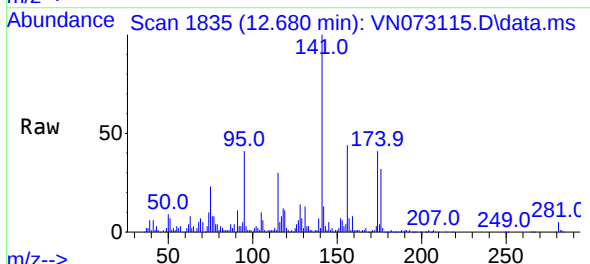
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-2

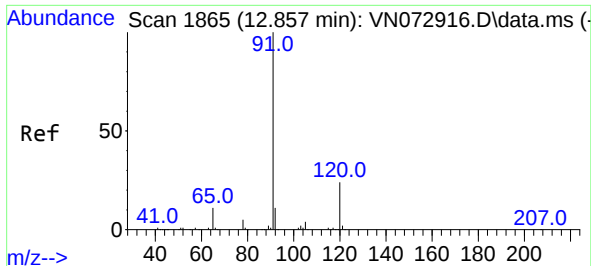
Tgt Ion: 75 Resp: 233033
Ion Ratio Lower Upper
75 100
77 30.4 98.5 295.5#



#77
Bromobenzene
Concen: 86.120 ug/l
RT: 12.680 min Scan# 1835
Delta R.T. -0.117 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

Tgt Ion:156 Resp: 1010461
Ion Ratio Lower Upper
156 100
77 6.5 100.5 301.5#
158 0.1 48.9 146.6#

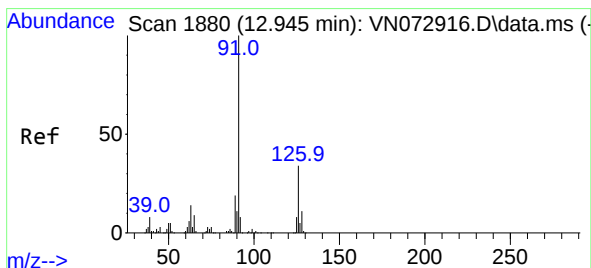
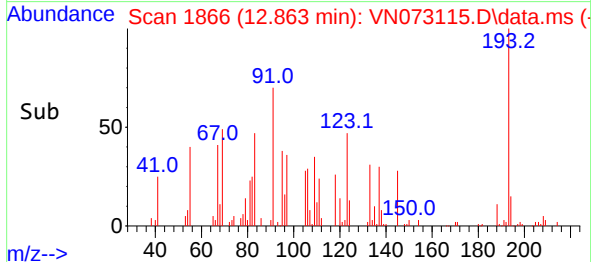
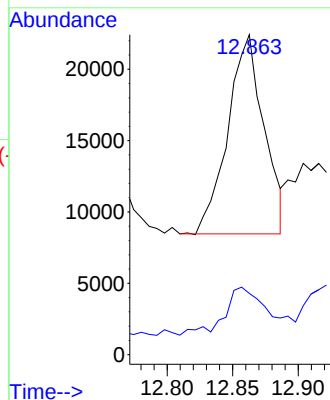
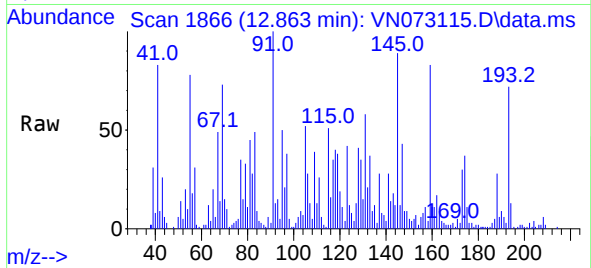




#78
n-propylbenzene
Concen: 0.497 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

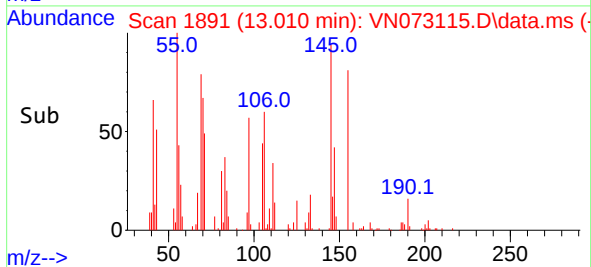
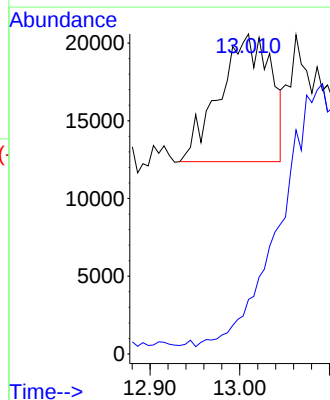
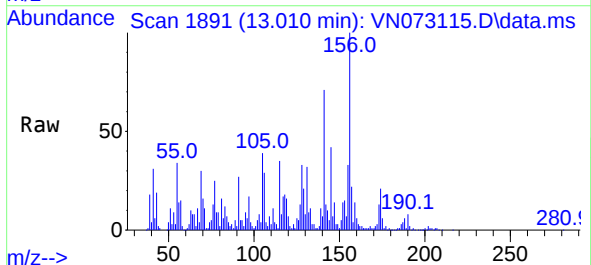
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-2

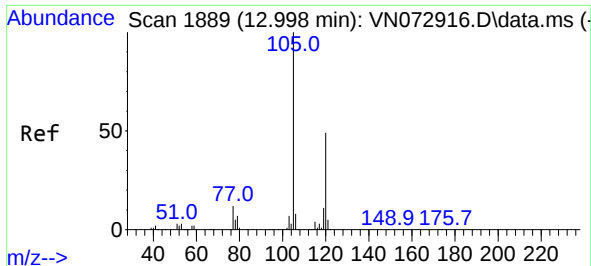
Tgt Ion: 91 Resp: 26764
Ion Ratio Lower Upper
91 100
120 26.8 11.9 35.5



#79
2-Chlorotoluene
Concen: 0.936 ug/l
RT: 13.010 min Scan# 1891
Delta R.T. 0.065 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

Tgt Ion: 91 Resp: 32643
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#

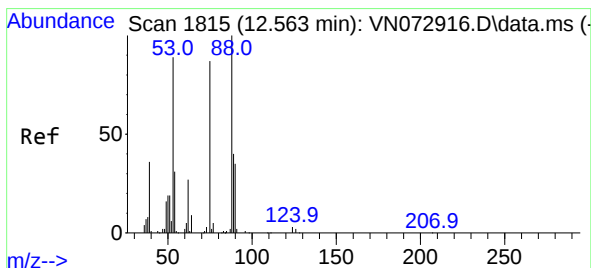
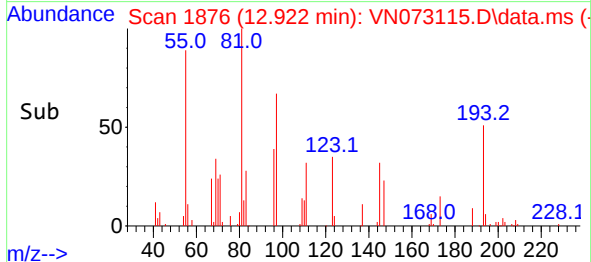
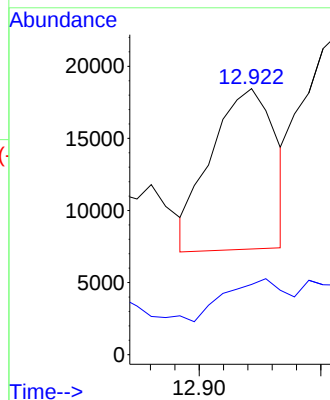
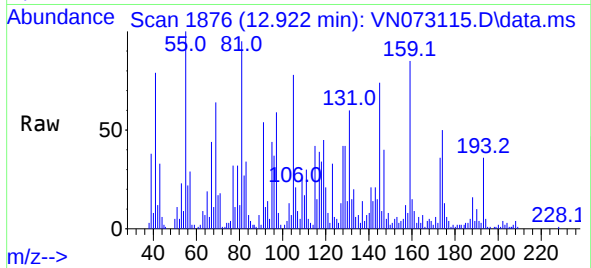




#80
1,3,5-Trimethylbenzene
Concen: 0.507 ug/l
RT: 12.922 min Scan# 1876
Delta R.T. -0.076 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

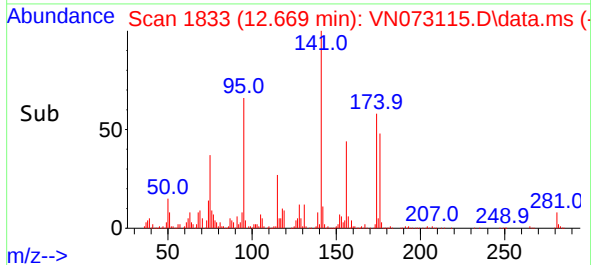
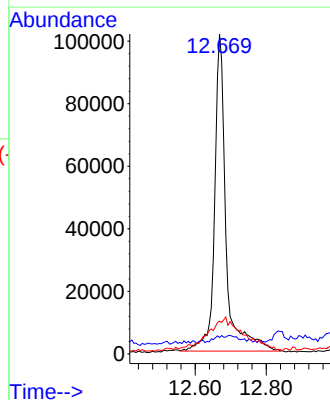
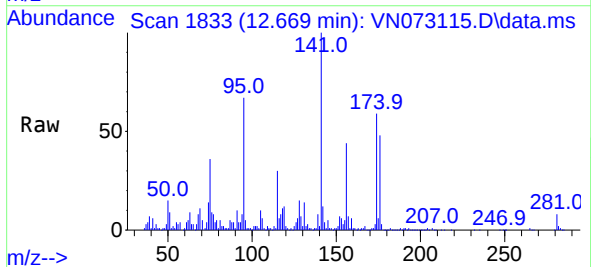
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-2

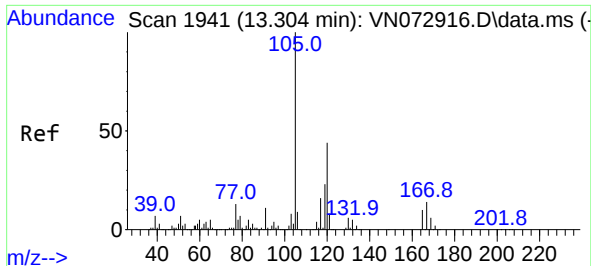
Tgt Ion:105 Resp: 20402
Ion Ratio Lower Upper
105 100
120 25.7 24.9 74.7



#81
trans-1,4-Dichloro-2-butene
Concen: 40.161 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

Tgt Ion: 75 Resp: 228256
Ion Ratio Lower Upper
75 100
53 1.6 78.0 117.0#
89 29.3 37.2 55.8#

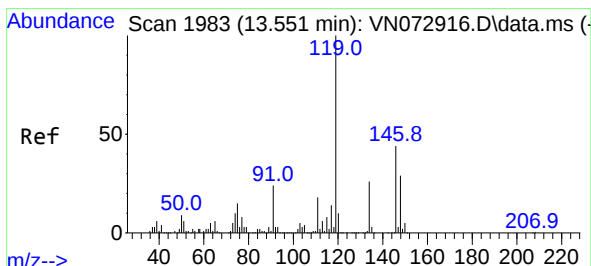
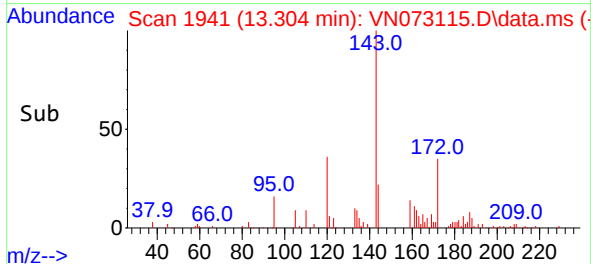
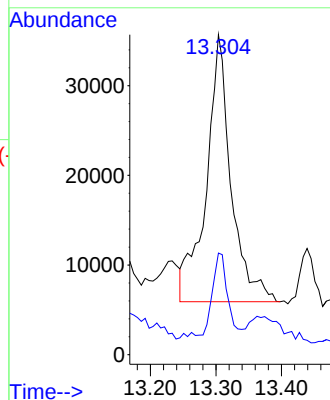
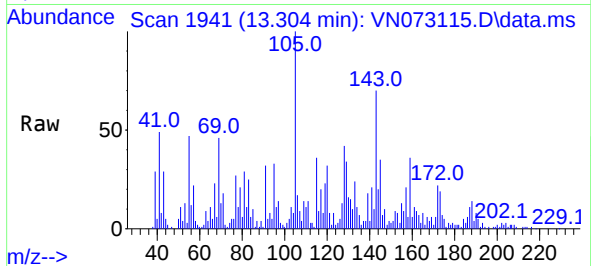




#84
1,2,4-Trimethylbenzene
Concen: 1.950 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

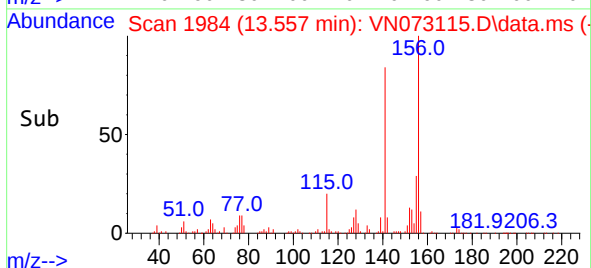
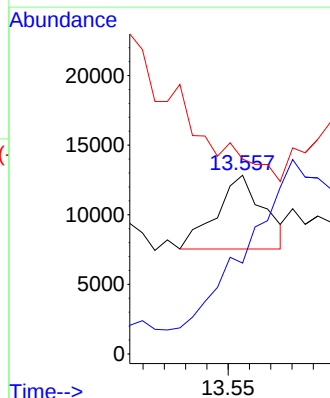
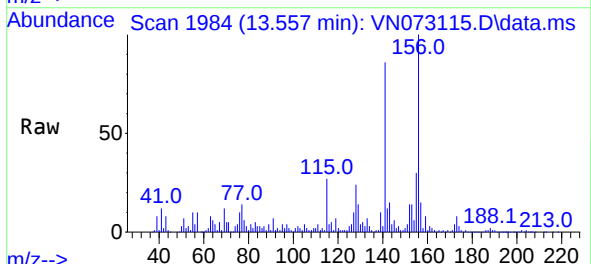
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-2

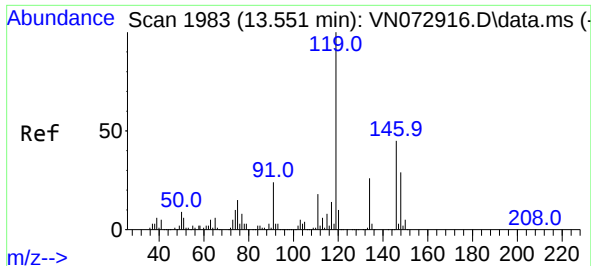
Tgt Ion:105 Resp: 78140
Ion Ratio Lower Upper
105 100
120 20.0 23.3 69.8#



#86
p-Isopropyltoluene
Concen: 0.204 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.006 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

Tgt Ion:119 Resp: 8133
Ion Ratio Lower Upper
119 100
134 0.0 13.3 39.8#
91 0.0 11.3 33.9#

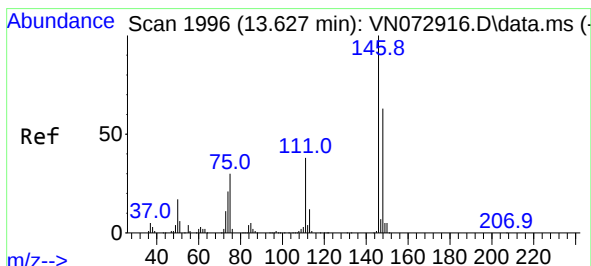
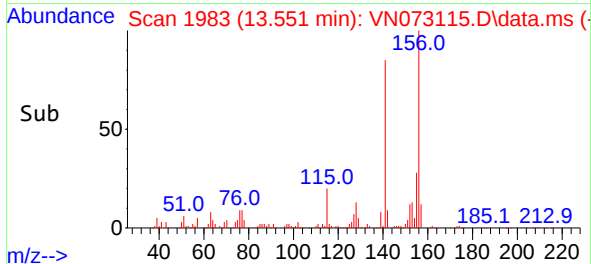
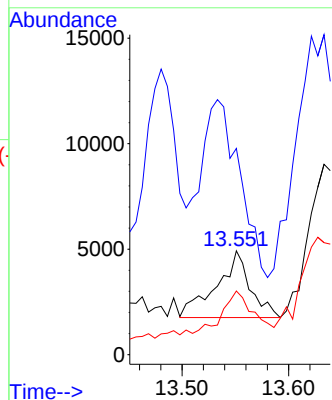
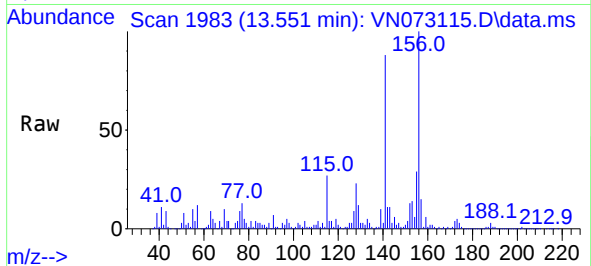




#87
1,3-Dichlorobenzene
Concen: 0.332 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

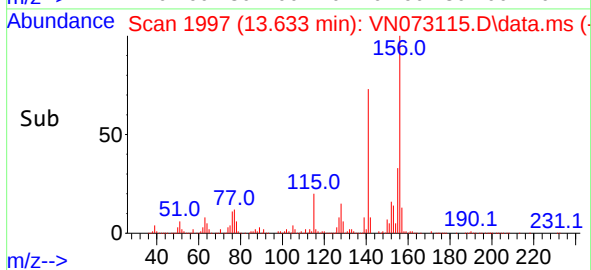
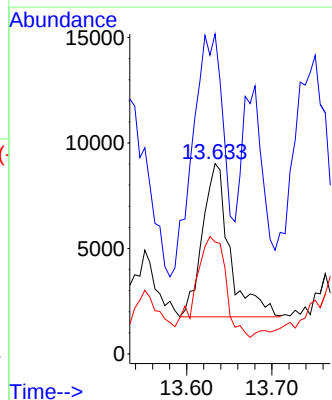
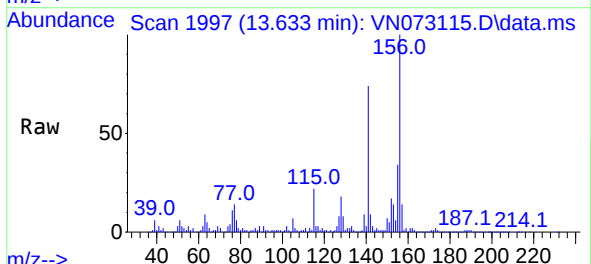
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-2

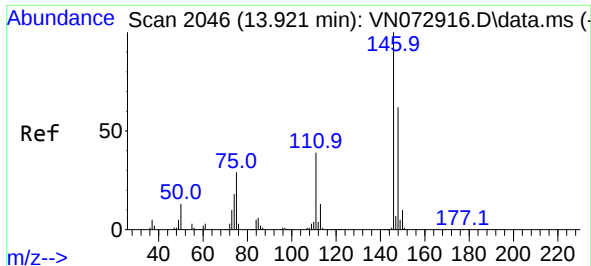
Tgt Ion:146 Resp: 6946
Ion Ratio Lower Upper
146 100
111 308.1 20.0 60.0#
148 56.9 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 0.761 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.006 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

Tgt Ion:146 Resp: 16142
Ion Ratio Lower Upper
146 100
111 180.6 19.1 57.1#
148 72.0 31.4 94.3





#91

1,2-Dichlorobenzene

Concen: 0.806 ug/l

RT: 13.921 min Scan# 2046

Delta R.T. 0.000 min

Lab File: VN073115.D

Acq: 25 Jun 2022 17:07

Instrument :

MSVOA_N

ClientSampleId :

SP-EXC-2-2

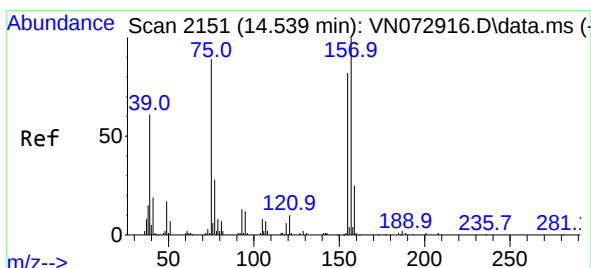
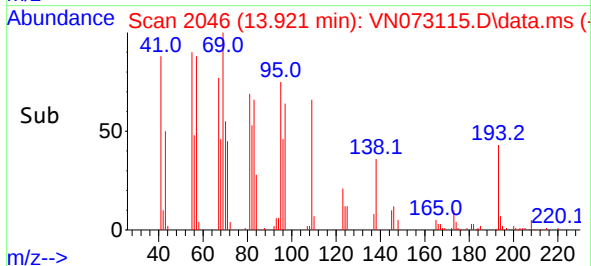
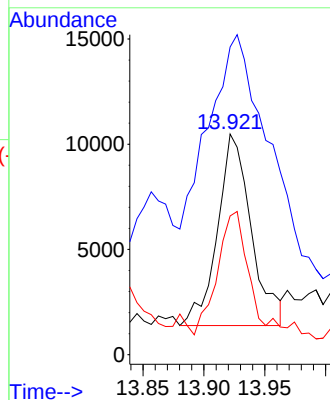
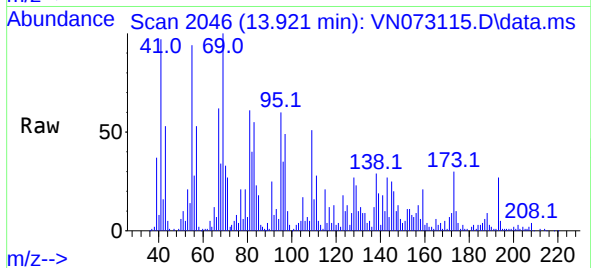
Tgt Ion:146 Resp: 17598

Ion Ratio Lower Upper

146 100

111 233.4 20.9 62.8#

148 67.5 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.057 ug/l

RT: 14.439 min Scan# 2134

Delta R.T. -0.100 min

Lab File: VN073115.D

Acq: 25 Jun 2022 17:07

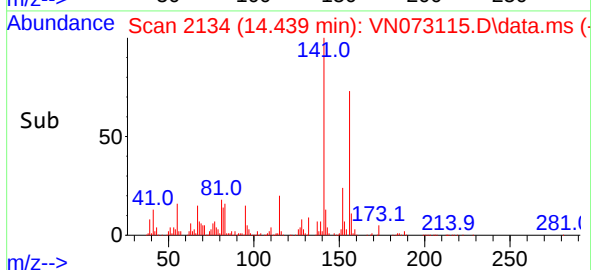
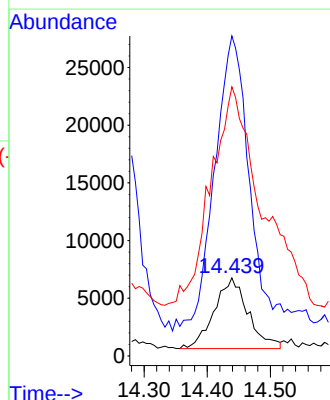
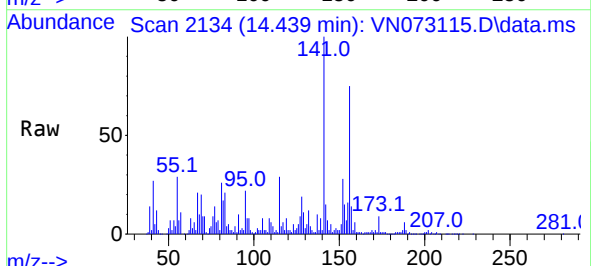
Tgt Ion: 75 Resp: 22828

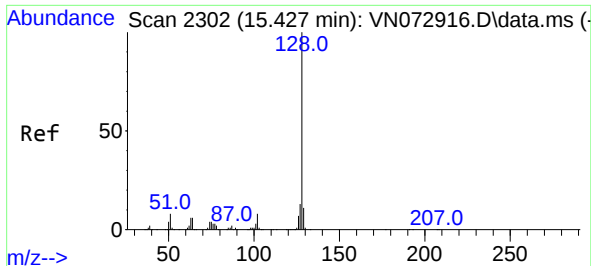
Ion Ratio Lower Upper

75 100

155 437.7 44.9 134.5#

157 468.6 59.0 176.8#

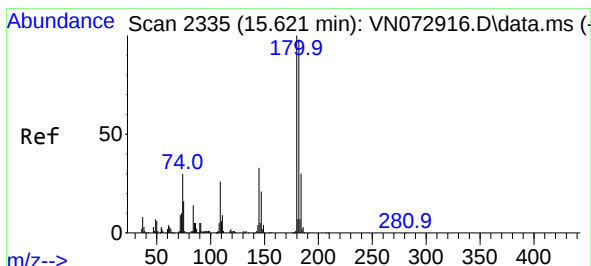
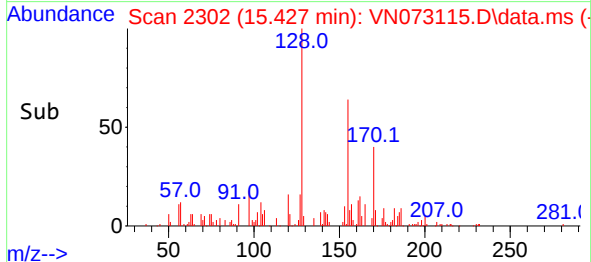
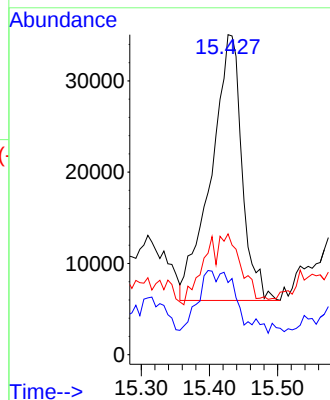
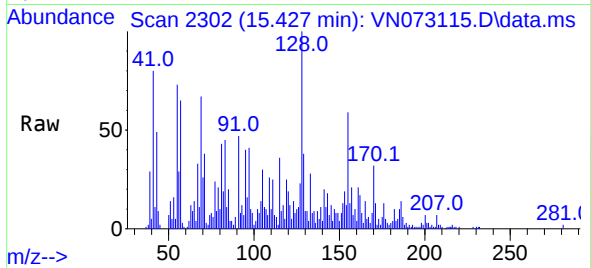




#95
Naphthalene
Concen: 1.869 ug/l
RT: 15.427 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-2

Tgt Ion:128 Resp: 91430
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 16.1 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.335 ug/l
RT: 15.586 min Scan# 2329
Delta R.T. -0.035 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

Tgt Ion:180 Resp: 4324
Ion Ratio Lower Upper
180 100
182 33.9 47.8 143.3#
145 390.2 15.5 46.5#

