

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
 Data File : VN073116.D
 Acq On : 25 Jun 2022 17:32
 Operator : JC\MD
 Sample : N3455-17
 Misc : 3.90g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-EXC-2-3

Quant Time: Jun 27 03:44:22 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	8.004	168	359941	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.898	114	562773	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	563985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	335666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	202411	41.594	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.180%
35) Dibromofluoromethane	7.945	113	169535	48.739	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.480%
50) Toluene-d8	10.375	98	609578	47.096	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.200%
62) 4-Bromofluorobenzene	12.669	95	311299	66.885	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	133.760%#
Target Compounds						
					Qvalue	
3) Chloromethane	2.257	50	562	0.720	ug/l #	43
11) Tert butyl alcohol	5.328	59	671	0.534	ug/l #	72
14) Allyl chloride	4.769	41	3670	0.498	ug/l #	27
16) Acetone	4.251	43	3414	1.276	ug/l	94
17) Carbon Disulfide	4.387	76	2526	0.286	ug/l #	75
18) Methyl Acetate	4.769	43	222196	31.193	ug/l	91
20) Methylene Chloride	4.969	84	4125	0.756	ug/l	97
25) 2-Butanone	7.292	43	8349	1.967	ug/l	93
26) 2,2-Dichloropropane	7.292	77	1816	Below Cal	#	53
29) Tetrahydrofuran	7.639	42	670	0.239	ug/l #	49
31) Cyclohexane	7.998	56	10669	1.621	ug/l #	52
32) 1,1,1-Trichloroethane	7.934	97	1309	0.205	ug/l #	24
36) 1,1-Dichloropropene	8.004	75	27309	5.802	ug/l #	49
37) Ethyl Acetate	7.292	43	8349	1.109	ug/l #	75
38) Carbon Tetrachloride	8.004	117	35662	7.203	ug/l #	17
39) Methylcyclohexane	9.381	83	10815	1.906	ug/l #	75
40) Benzene	8.375	78	37616	2.543	ug/l	98
51) 4-Methyl-2-Pentanone	10.275	43	3062	0.436	ug/l	87
52) Toluene	10.439	92	24668	2.716	ug/l	96
54) cis-1,3-Dichloropropene	9.886	75	2346	0.393	ug/l #	49
55) 1,1,2-Trichloroethane	10.804	97	7910	1.984	ug/l #	21
56) Ethyl methacrylate	10.698	69	5963	0.933	ug/l #	1
64) Tetrachloroethene	10.916	164	1463	0.426	ug/l #	71
65) Chlorobenzene	11.710	112	31743	2.882	ug/l	96
67) Ethyl Benzene	11.780	91	53398	2.754	ug/l	97
68) m/p-Xylenes	11.892	106	42801	5.628	ug/l	92
69) o-Xylene	12.216	106	6000	0.790	ug/l	78
71) Bromoform	12.427	173	699	0.221	ug/l #	28
73) Isopropylbenzene	12.516	105	12025	0.463	ug/l	81
74) N-amyl acetate	12.304	43	37090	2.752	ug/l #	39
75) 1,1,2,2-Tetrachloroethane	12.733	83	16357	1.749	ug/l #	25
76) 1,2,3-Trichloropropane	12.669	75	161308	19.821	ug/l #	1
77) Bromobenzene	12.686	156	59736	9.602	ug/l #	1
78) n-propylbenzene	12.857	91	72162	2.526	ug/l	96
79) 2-Chlorotoluene	12.921	91	3852	0.208	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.998	105	22019	1.032	ug/l	68

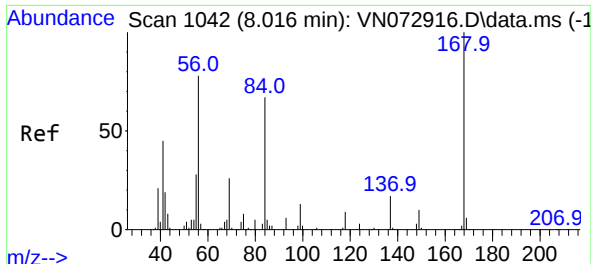
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
 Data File : VN073116.D
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Quant Time: Jun 27 03:44:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-b...	12.669	75	161308	53.529	ug/l #	14
83) tert-Butylbenzene	13.257	119	7386	0.378	ug/l #	76
84) 1,2,4-Trimethylbenzene	13.304	105	61175	2.879	ug/l	91
85) sec-Butylbenzene	13.439	105	14958	0.574	ug/l #	56
86) p-Isopropyltoluene	13.710	119	6727	0.319	ug/l	90
87) 1,3-Dichlorobenzene	13.545	146	2440	0.220	ug/l #	65
88) 1,4-Dichlorobenzene	13.627	146	6479	0.576	ug/l #	1
89) n-Butylbenzene	13.880	91	18219	1.058	ug/l #	77
90) Hexachloroethane	14.092	117	2078	0.522	ug/l	58
91) 1,2-Dichlorobenzene	13.927	146	12163	1.050	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.210	180	3542	0.553	ug/l #	12
95) Naphthalene	15.433	128	77214	2.978	ug/l #	76
96) 1,2,3-Trichlorobenzene	15.645	180	6618	0.967	ug/l #	12

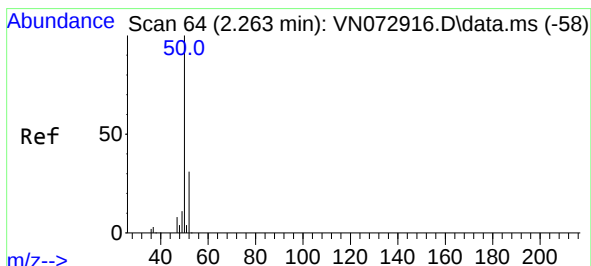
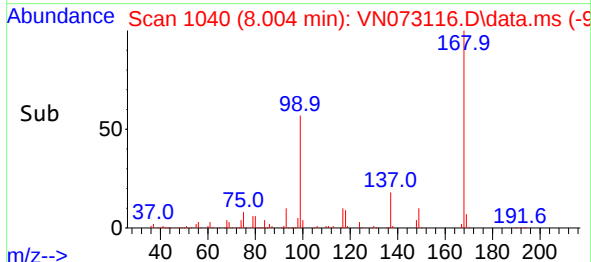
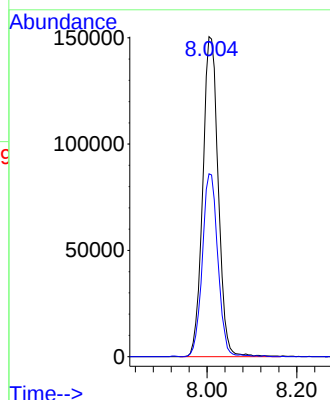
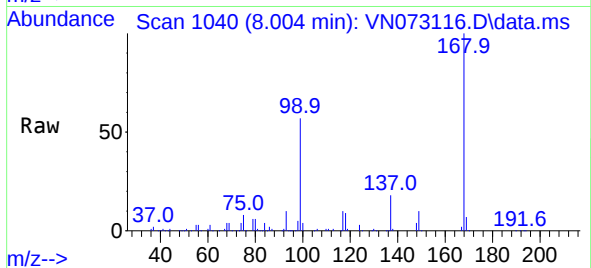
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.004 min Scan# 10
Delta R.T. -0.012 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

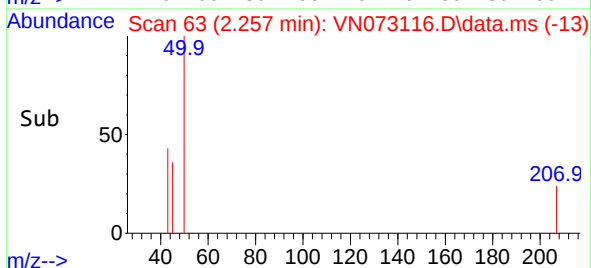
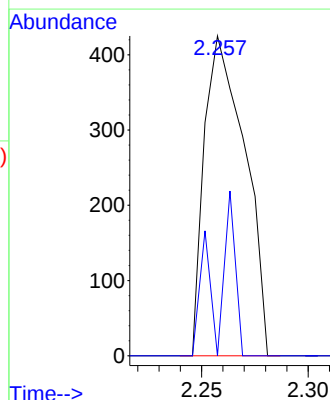
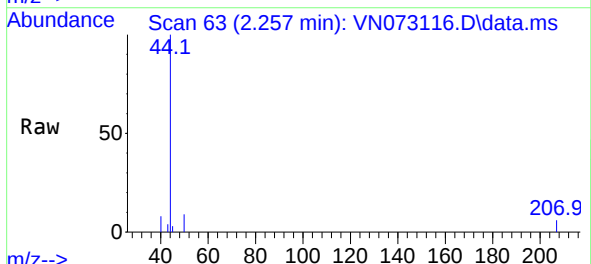
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3

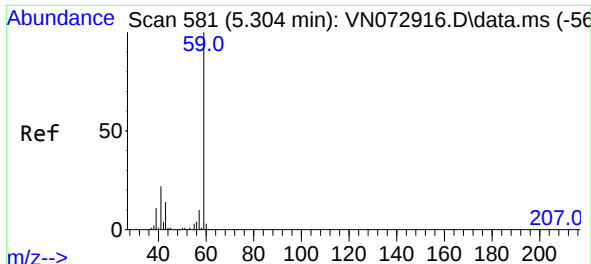
Tgt Ion:168 Resp: 359941
Ion Ratio Lower Upper
168 100
99 57.2 42.3 63.5



#3
Chloromethane
Concen: 0.720 ug/l
RT: 2.257 min Scan# 63
Delta R.T. -0.006 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

Tgt Ion: 50 Resp: 562
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

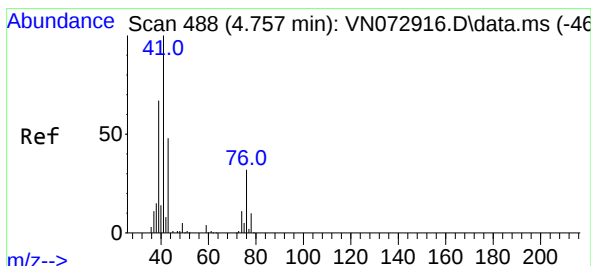
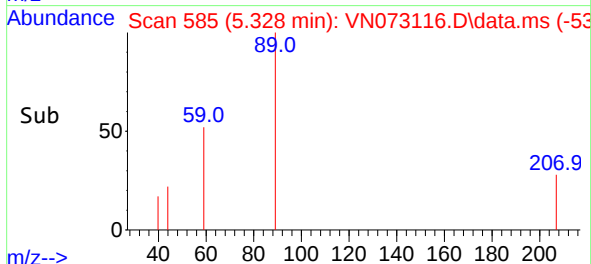
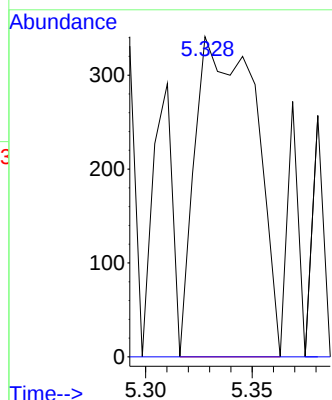
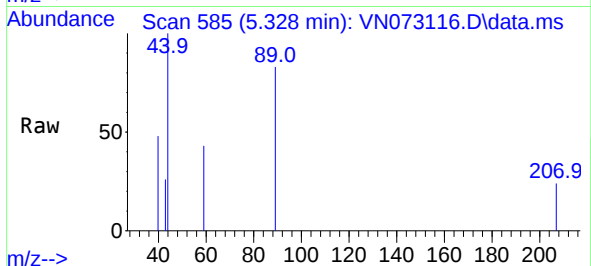




#11
Tert butyl alcohol
Concen: 0.534 ug/l
RT: 5.328 min Scan# 51
Delta R.T. 0.024 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

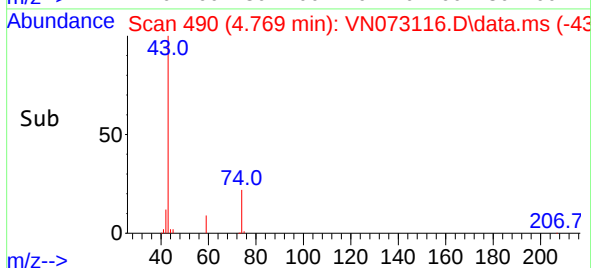
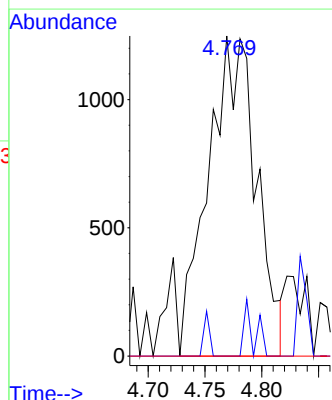
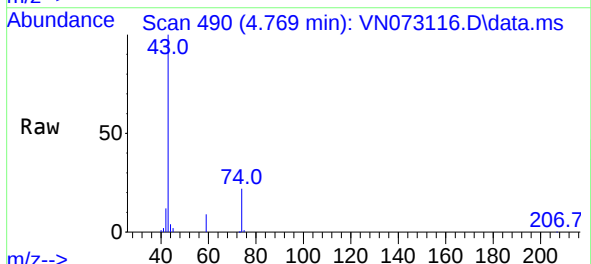
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3

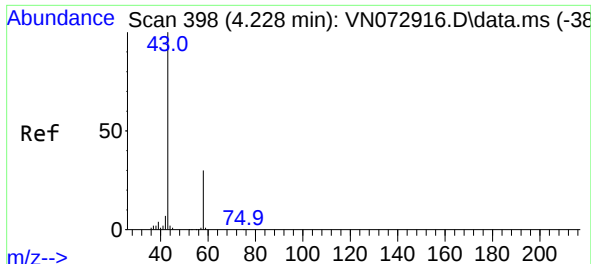
Tgt Ion: 59 Resp: 671
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#14
Allyl chloride
Concen: 0.498 ug/l
RT: 4.769 min Scan# 490
Delta R.T. 0.012 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

Tgt Ion: 41 Resp: 3670
Ion Ratio Lower Upper
41 100
39 3.7 53.2 79.8#
76 0.0 29.9 44.9#

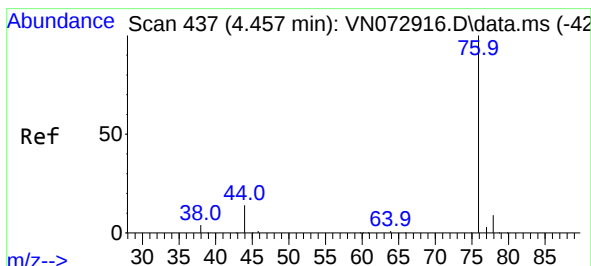
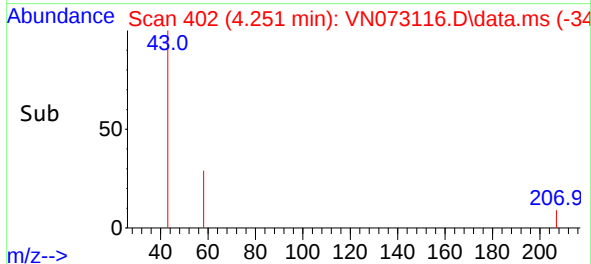
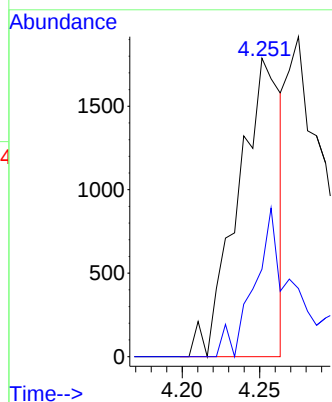
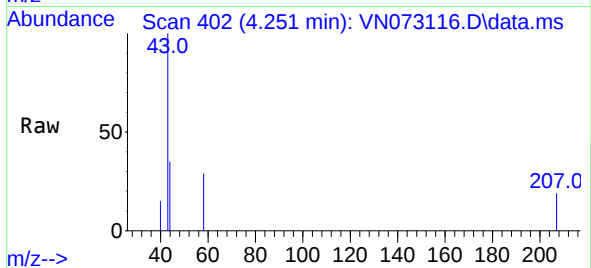




#16
Acetone
Concen: 1.276 ug/l
RT: 4.251 min Scan# 402
Delta R.T. 0.024 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

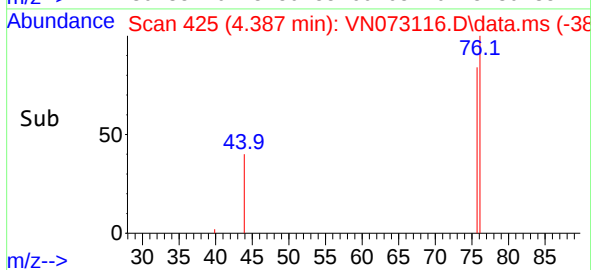
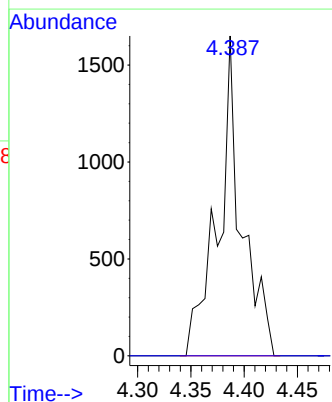
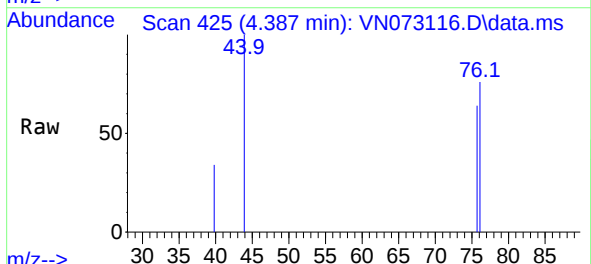
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3

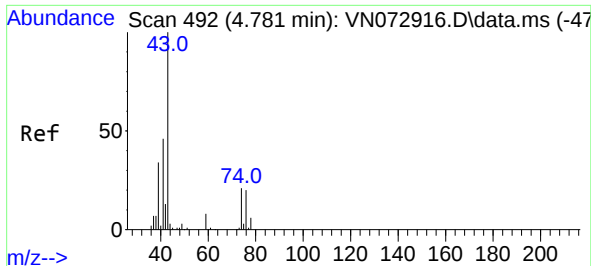
Tgt Ion: 43 Resp: 3414
Ion Ratio Lower Upper
43 100
58 29.3 26.0 39.0



#17
Carbon Disulfide
Concen: 0.286 ug/l
RT: 4.387 min Scan# 425
Delta R.T. -0.070 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

Tgt Ion: 76 Resp: 2526
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

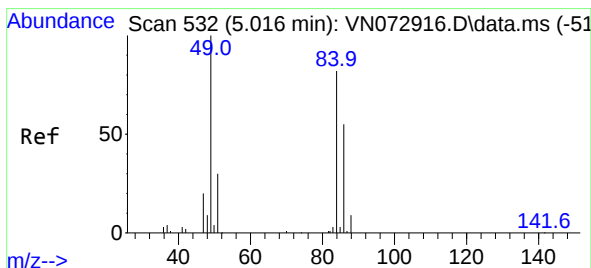
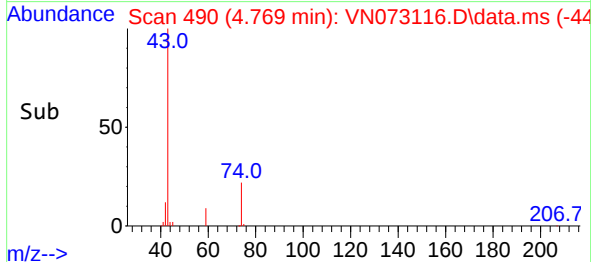
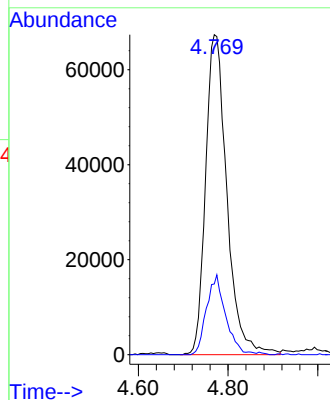
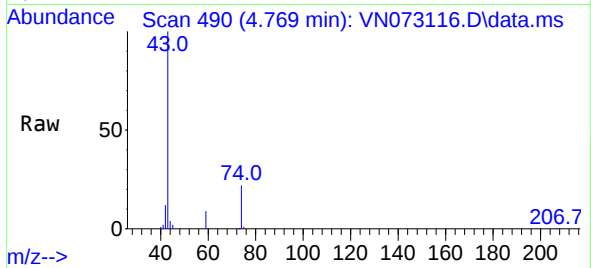




#18
Methyl Acetate
Concen: 31.193 ug/l
RT: 4.769 min Scan# 491
Delta R.T. -0.012 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

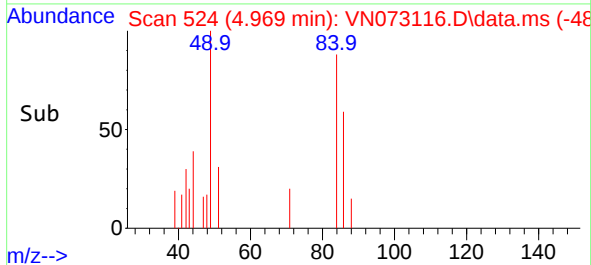
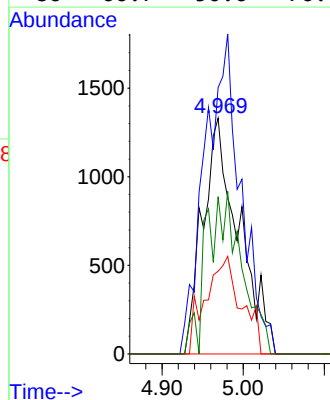
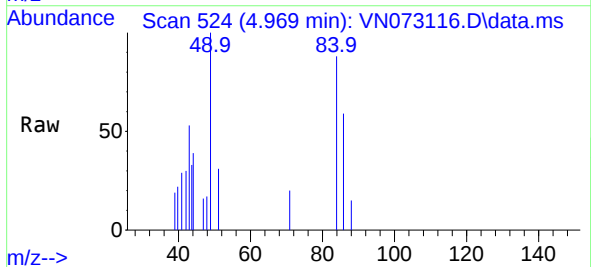
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SP-EXC-2-3

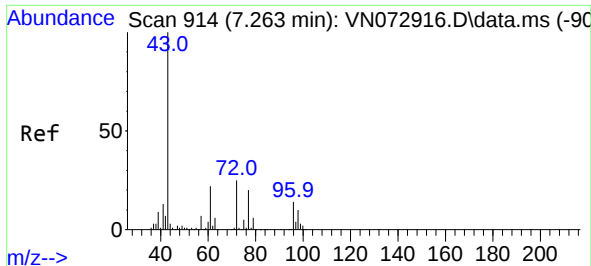
Tgt Ion: 43 Resp: 222196
Ion Ratio Lower Upper
43 100
74 22.3 21.6 32.4



#20
Methylene Chloride
Concen: 0.756 ug/l
RT: 4.969 min Scan# 524
Delta R.T. -0.047 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

Tgt Ion: 84 Resp: 4125
Ion Ratio Lower Upper
84 100
49 113.0 88.3 132.5
51 35.1 28.2 42.2
86 66.7 50.6 76.0





#25

2-Butanone

Concen: 1.967 ug/l

RT: 7.292 min Scan# 919

Delta R.T. 0.030 min

Lab File: VN073116.D

Acq: 25 Jun 2022 17:32

Instrument :

MSVOA_N

ClientSampleId :

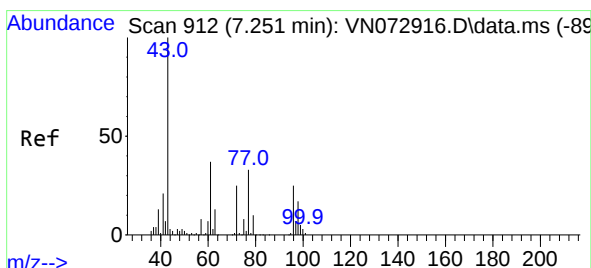
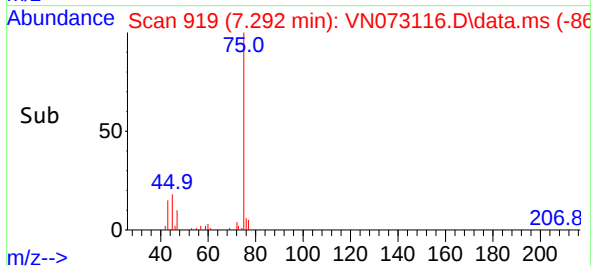
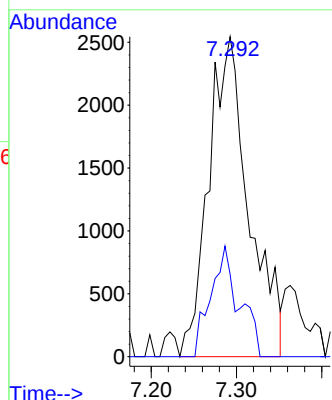
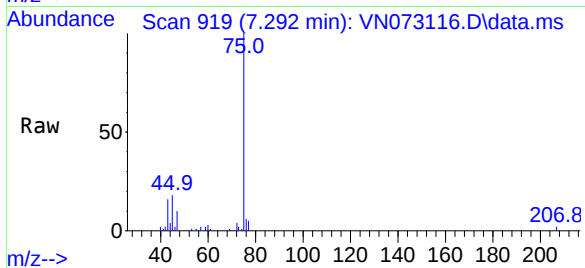
SP-EXC-2-3

Tgt Ion: 43 Resp: 8349

Ion Ratio Lower Upper

43 100

72 25.8 23.7 35.5



#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.292 min Scan# 919

Delta R.T. 0.041 min

Lab File: VN073116.D

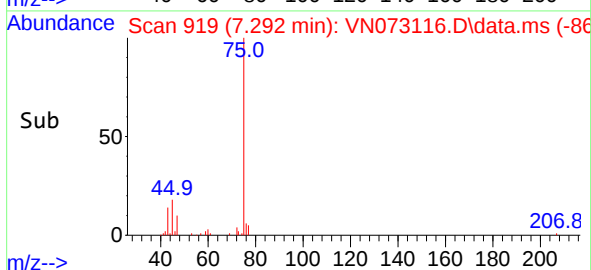
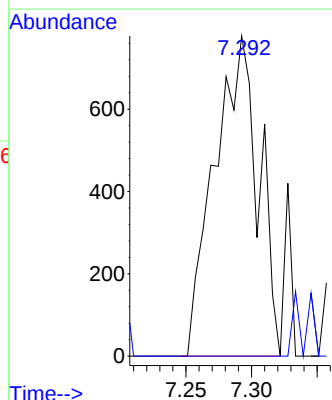
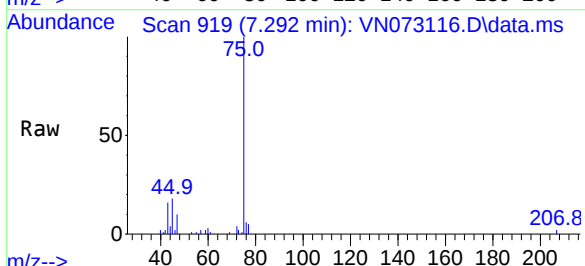
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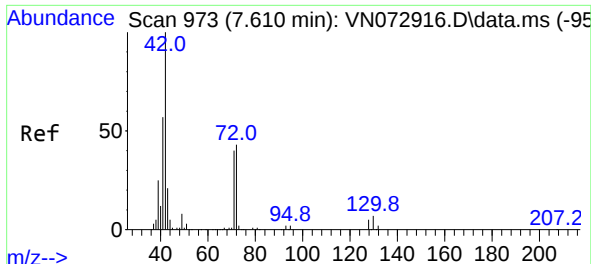
Tgt Ion: 77 Resp: 1816

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#





#29

Tetrahydrofuran

Concen: 0.239 ug/l

RT: 7.639 min Scan# 91

Delta R.T. 0.030 min

Lab File: VN073116.D

Acq: 25 Jun 2022 17:32

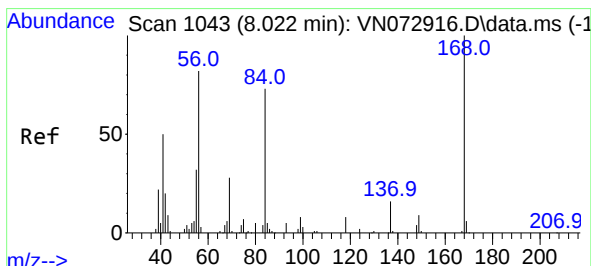
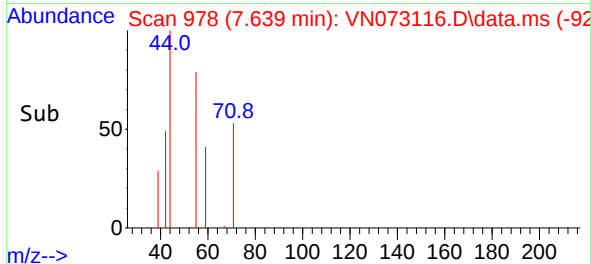
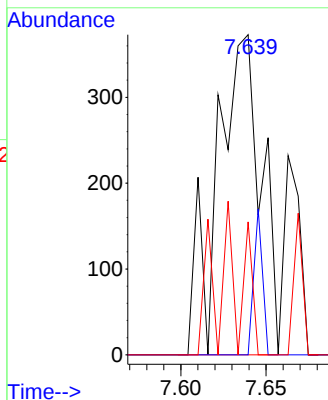
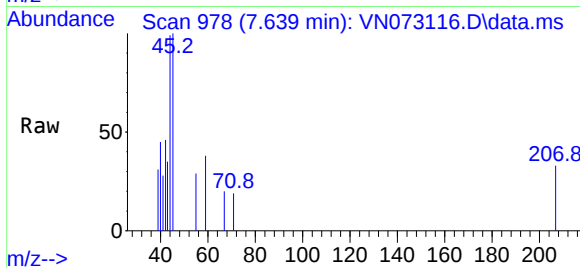
Instrument :

MSVOA_N

ClientSampleId :

SP-EXC-2-3

Tgt Ion:	42	Resp:	670
Ion	Ratio	Lower	Upper
42	100		
72	9.0	39.7	59.5#
71	17.6	36.6	55.0#



#31

Cyclohexane

Concen: 1.621 ug/l

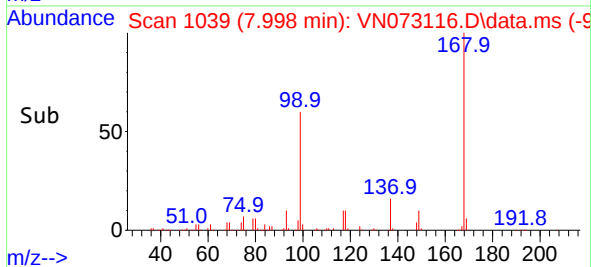
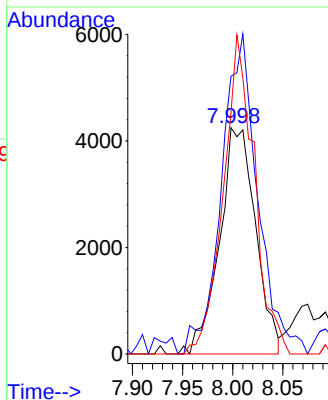
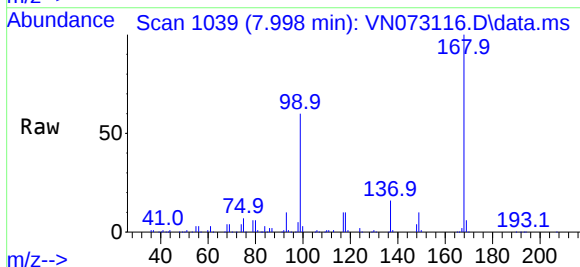
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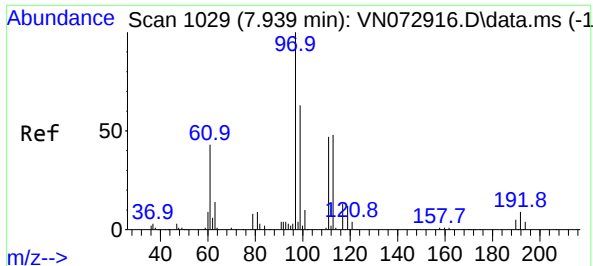
Delta R.T. -0.023 min

Lab File: VN073116.D

Acq: 25 Jun 2022 17:32

Tgt Ion:	56	Resp:	10669
Ion	Ratio	Lower	Upper
56	100		
69	122.8	27.8	41.8#
84	106.7	76.9	115.3

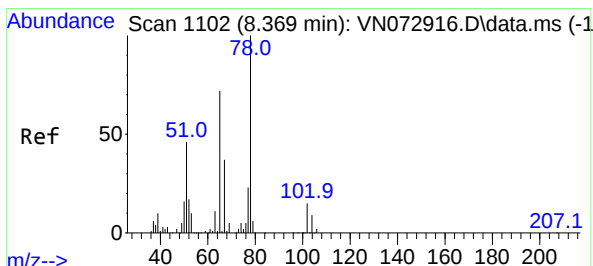
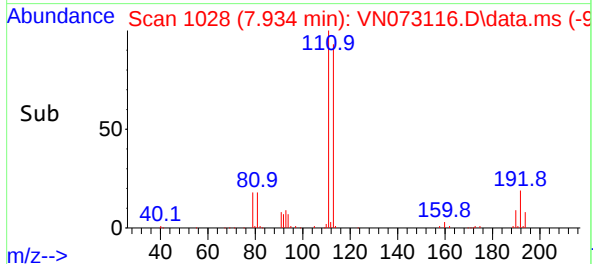
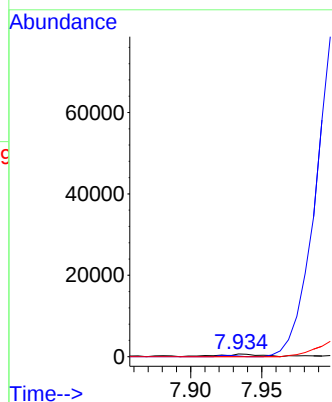
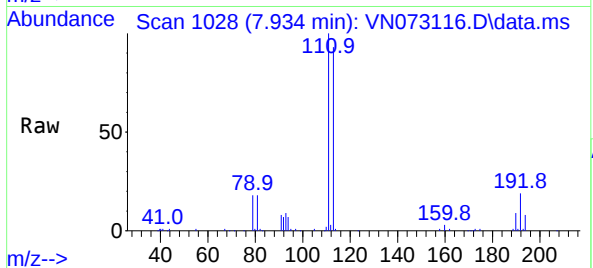




#32
1,1,1-Trichloroethane
Concen: 0.205 ug/l
RT: 7.934 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

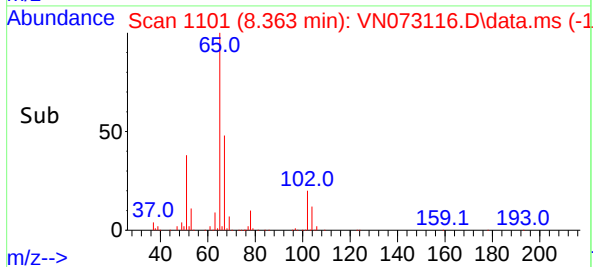
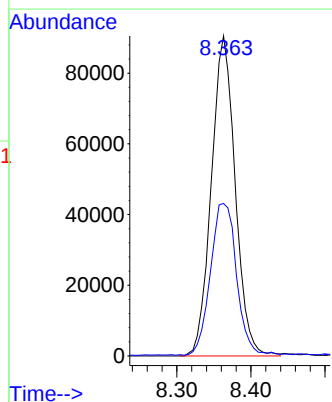
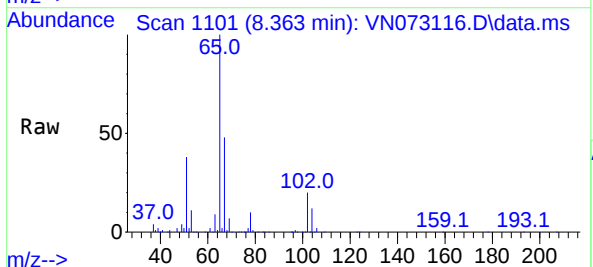
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3

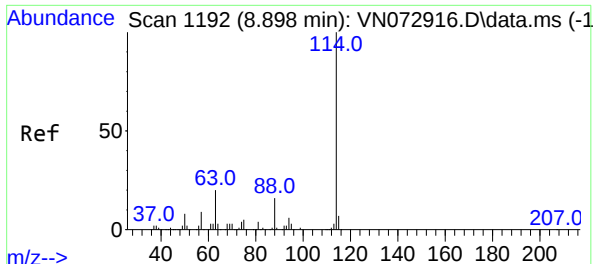
Tgt Ion: 97 Resp: 1309
Ion Ratio Lower Upper
97 100
99 0.0 50.6 76.0#
61 0.0 36.0 54.0#



#33
1,2-Dichloroethane-d4
Concen: 41.594 ug/l
RT: 8.363 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

Tgt Ion: 65 Resp: 202411
Ion Ratio Lower Upper
65 100
67 51.9 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: VN073116.D

Acq: 25 Jun 2022 17:32

Instrument :

MSVOA_N

ClientSampleId :

SP-EXC-2-3

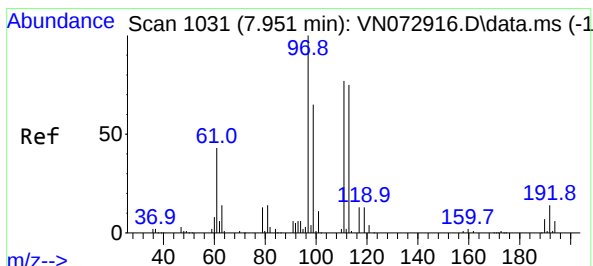
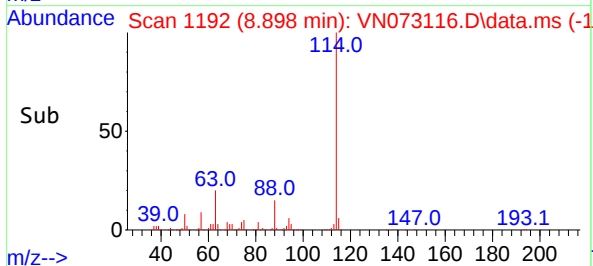
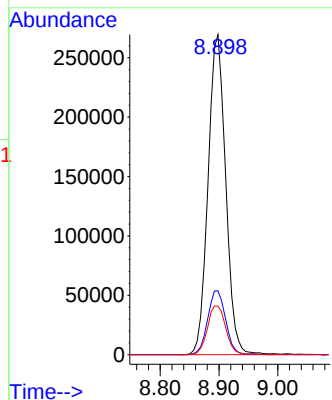
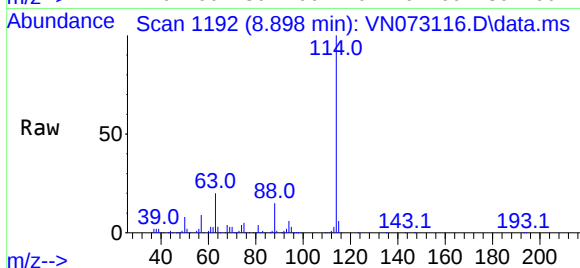
Tgt Ion:114 Resp: 562773

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

88 15.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.739 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN073116.D

Acq: 25 Jun 2022 17:32

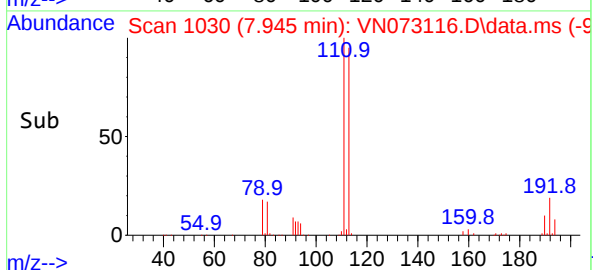
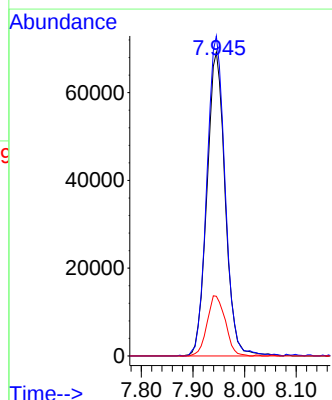
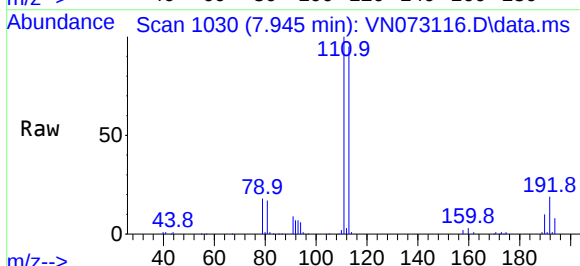
Tgt Ion:113 Resp: 169535

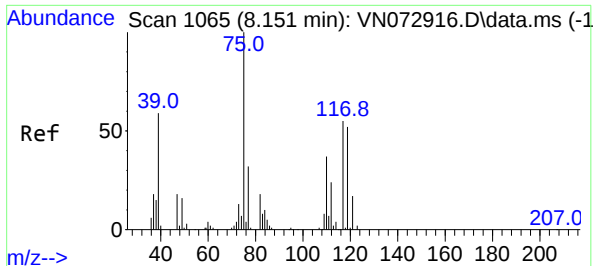
Ion Ratio Lower Upper

113 100

111 105.1 81.4 122.0

192 19.8 17.0 25.6

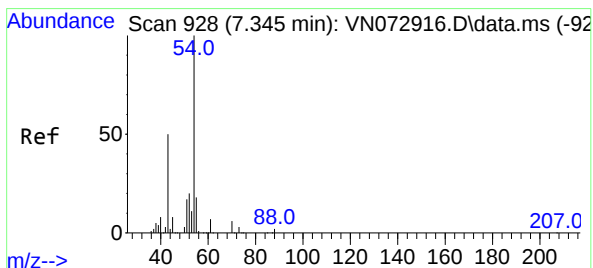
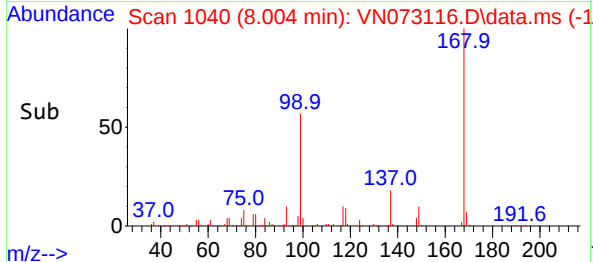
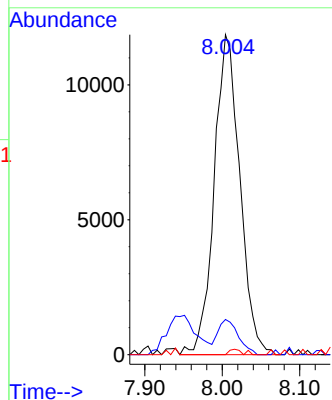
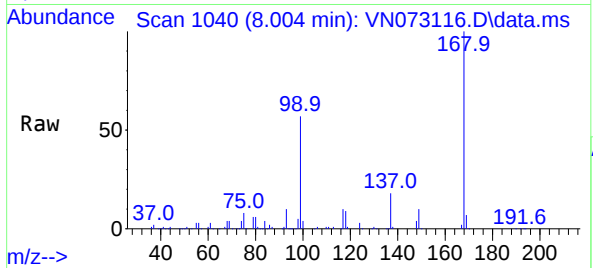




#36
1,1-Dichloropropene
Concen: 5.802 ug/l
RT: 8.004 min Scan# 1040
Delta R.T. -0.147 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

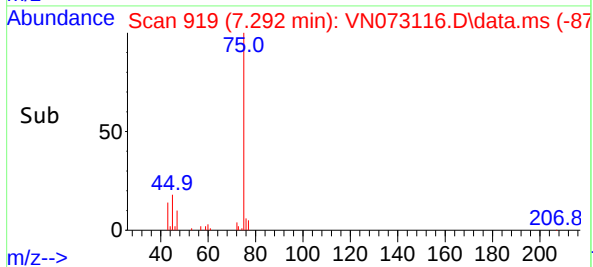
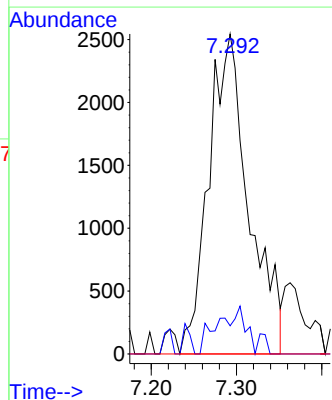
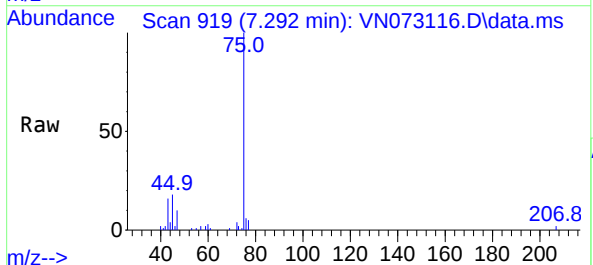
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3

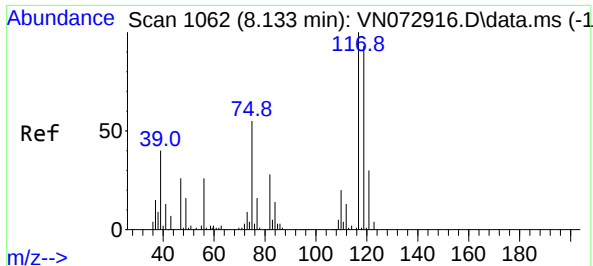
Tgt Ion: 75 Resp: 27309
Ion Ratio Lower Upper
75 100
110 8.7 18.3 54.8#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 1.109 ug/l
RT: 7.292 min Scan# 919
Delta R.T. -0.053 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

Tgt Ion: 43 Resp: 8349
Ion Ratio Lower Upper
43 100
61 5.9 11.8 17.6#
70 0.0 9.3 13.9#

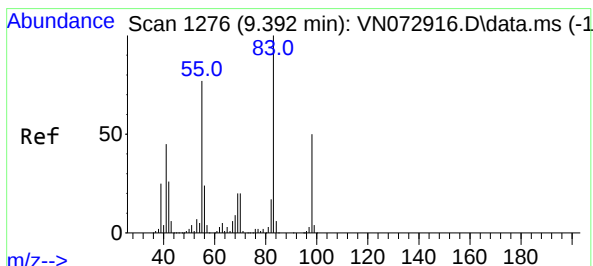
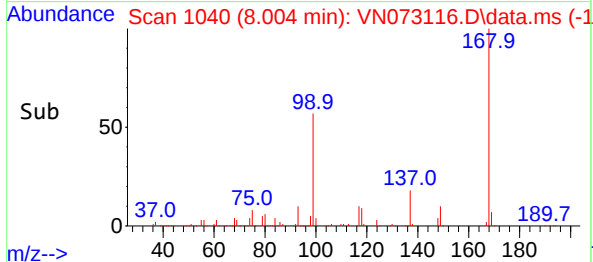
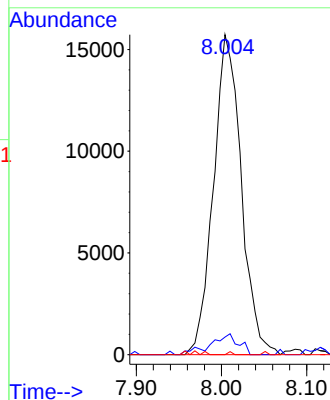
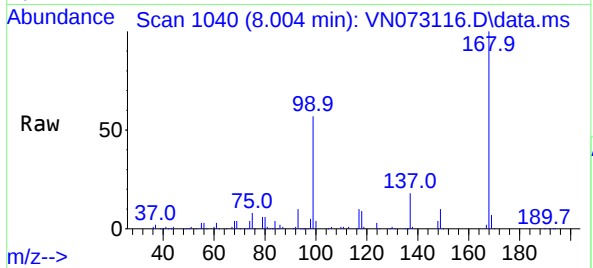




#38
Carbon Tetrachloride
Concen: 7.203 ug/l
RT: 8.004 min Scan# 117
Delta R.T. -0.129 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

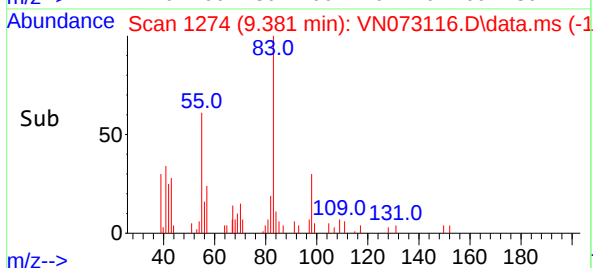
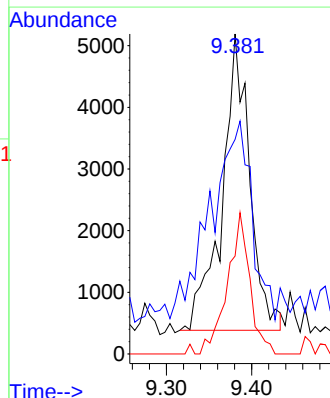
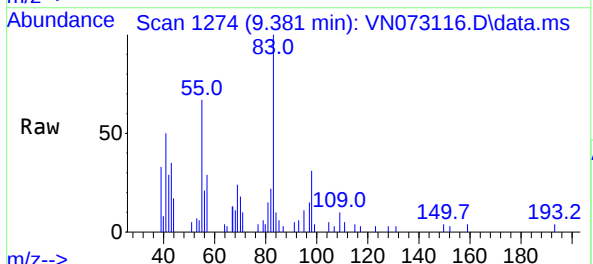
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3

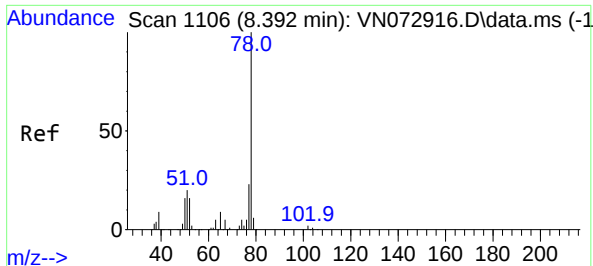
Tgt Ion:117 Resp: 35662
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.8#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 1.906 ug/l
RT: 9.381 min Scan# 1274
Delta R.T. -0.012 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

Tgt Ion: 83 Resp: 10815
Ion Ratio Lower Upper
83 100
55 50.2 57.8 86.8#
98 33.0 39.4 59.2#

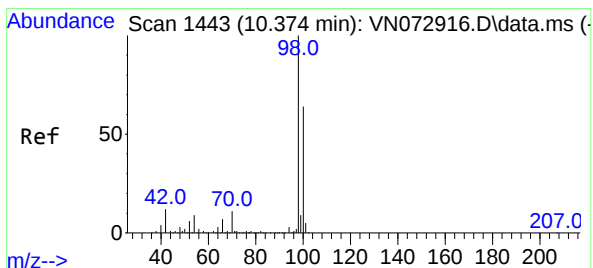
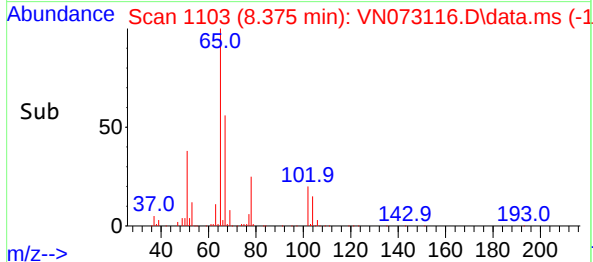
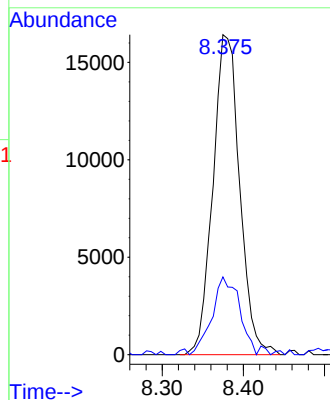
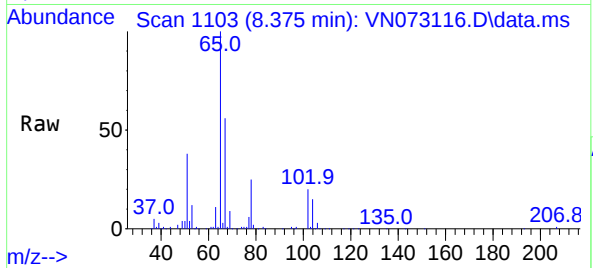




#40
Benzene
Concen: 2.543 ug/l
RT: 8.375 min Scan# 1106
Delta R.T. -0.018 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

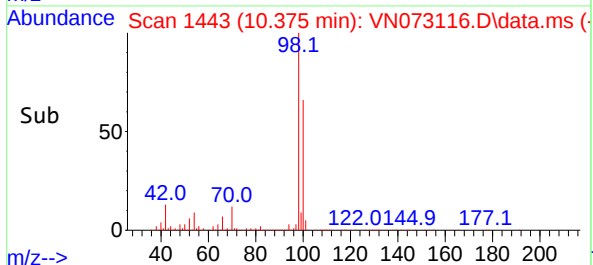
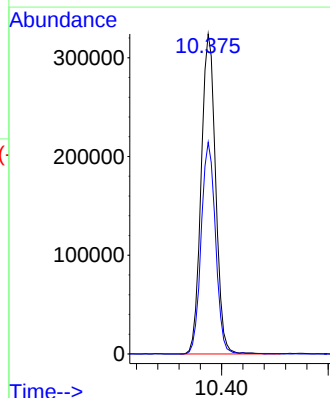
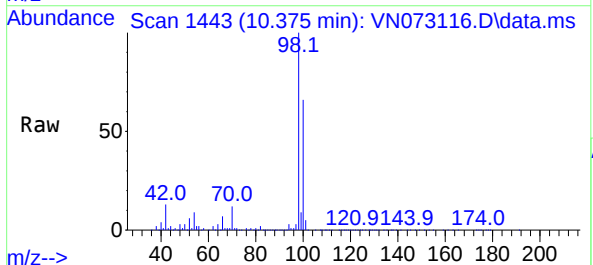
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3

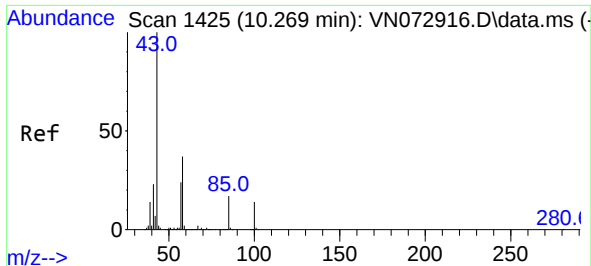
Tgt Ion: 78 Resp: 37616
Ion Ratio Lower Upper
78 100
77 23.0 19.4 29.0



#50
Toluene-d8
Concen: 47.096 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

Tgt Ion: 98 Resp: 609578
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8

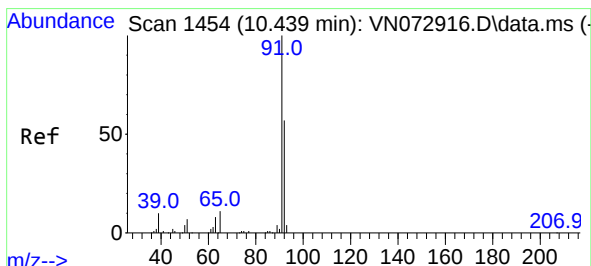
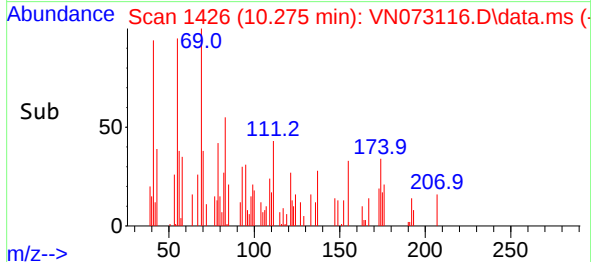
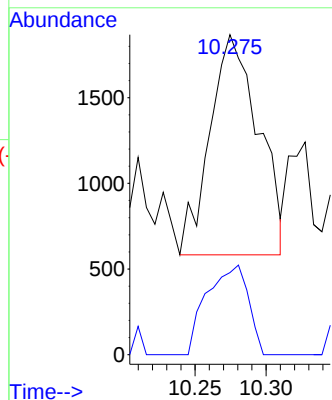
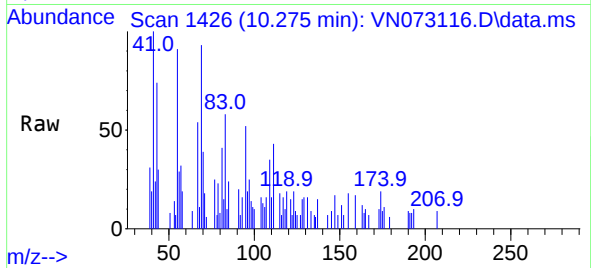




#51
4-Methyl-2-Pentanone
Concen: 0.436 ug/l
RT: 10.275 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

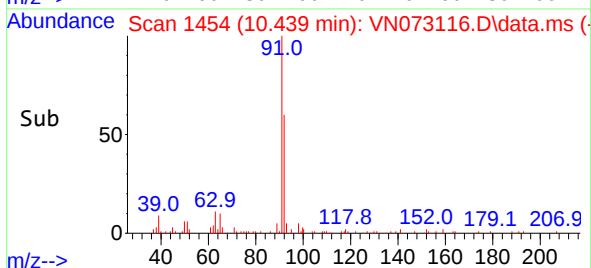
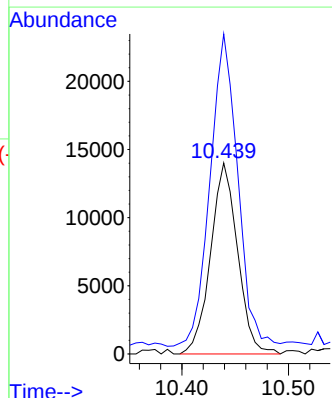
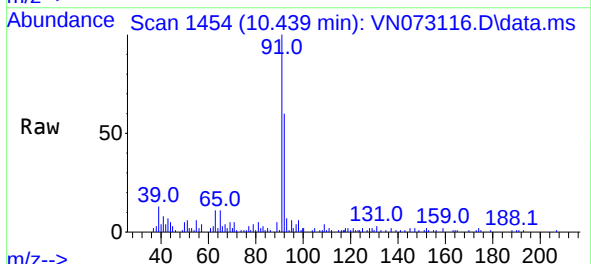
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3

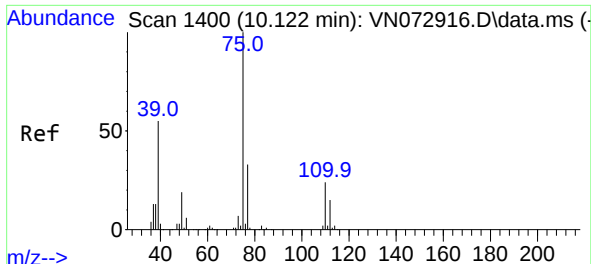
Tgt Ion: 43 Resp: 3062
Ion Ratio Lower Upper
43 100
58 34.5 34.1 51.1



#52
Toluene
Concen: 2.716 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

Tgt Ion: 92 Resp: 24668
Ion Ratio Lower Upper
92 100
91 167.0 138.6 207.8

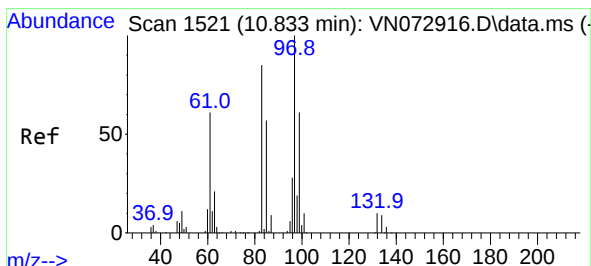
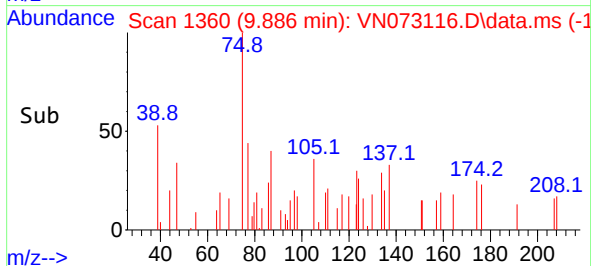
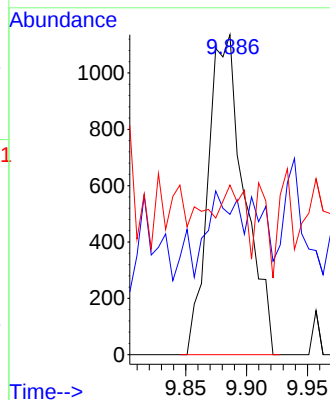
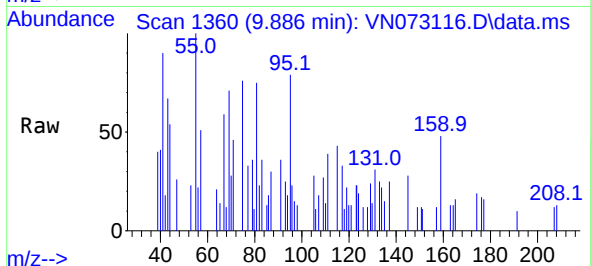




#54
cis-1,3-Dichloropropene
Concen: 0.393 ug/l
RT: 9.886 min Scan# 1116
Delta R.T. -0.235 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

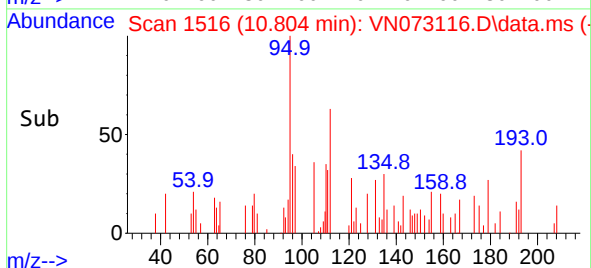
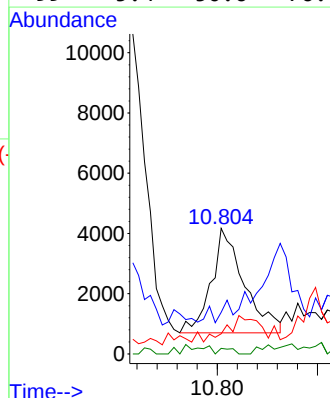
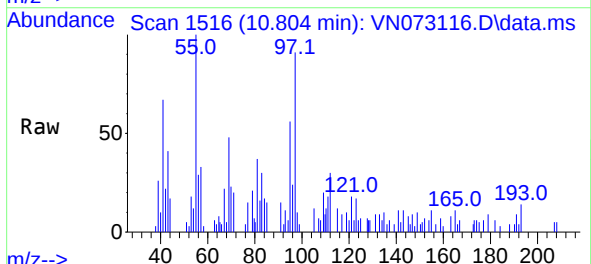
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3

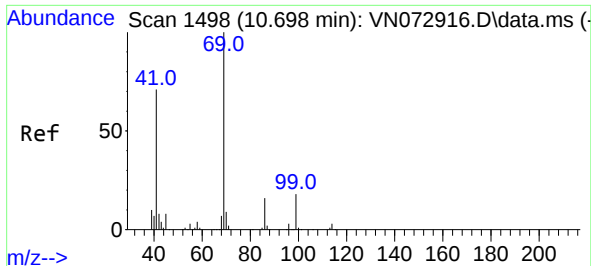
Tgt Ion: 75 Resp: 2346
Ion Ratio Lower Upper
75 100
77 13.6 25.2 37.8#
39 3.1 35.7 53.5#



#55
1,1,2-Trichloroethane
Concen: 1.984 ug/l
RT: 10.804 min Scan# 1516
Delta R.T. -0.029 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

Tgt Ion: 97 Resp: 7910
Ion Ratio Lower Upper
97 100
83 1.5 66.2 99.4#
85 5.5 43.9 65.9#
99 5.4 50.6 76.0#

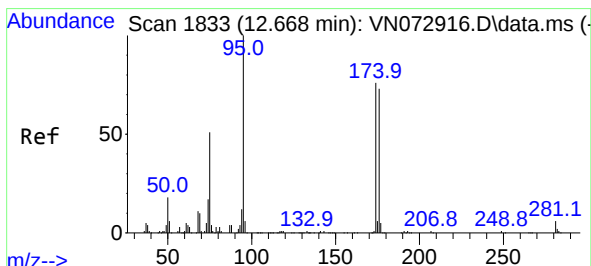
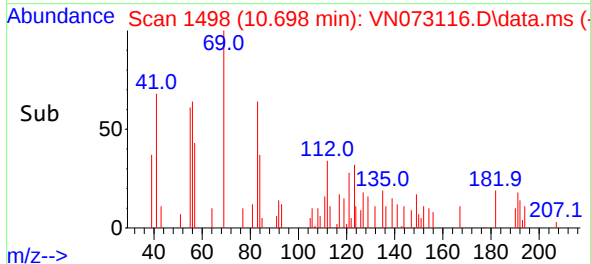
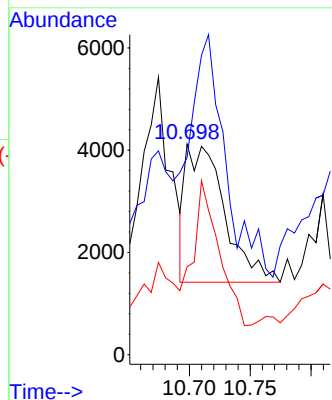
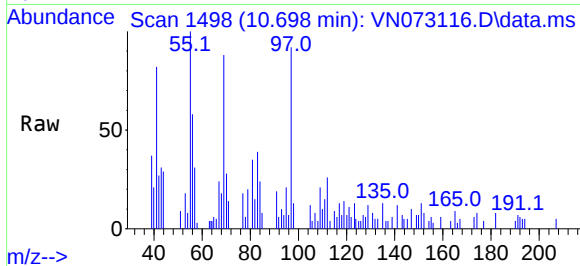




#56
Ethyl methacrylate
Concen: 0.933 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. 0.000 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

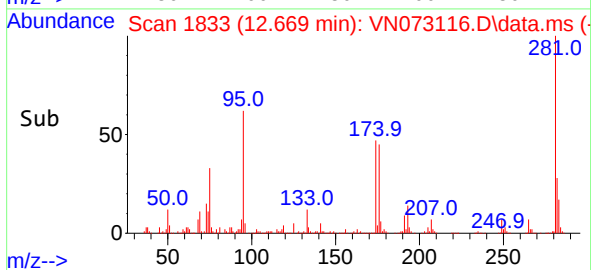
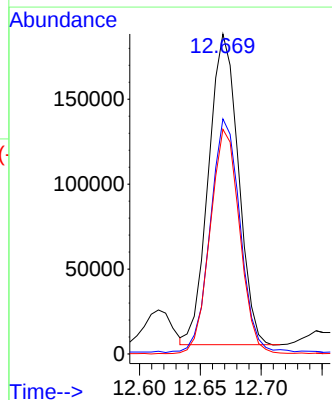
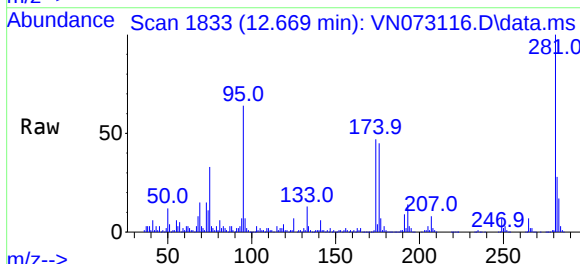
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3

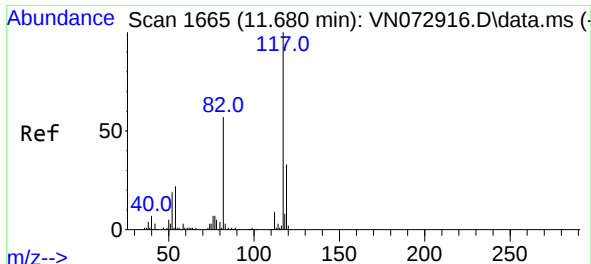
Tgt Ion: 69 Resp: 5963
Ion Ratio Lower Upper
69 100
41 165.2 47.8 71.6#
39 68.7 27.3 40.9#



#62
4-Bromofluorobenzene
Concen: 66.885 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

Tgt Ion: 95 Resp: 311299
Ion Ratio Lower Upper
95 100
174 77.4 0.0 167.6
176 71.8 0.0 163.4

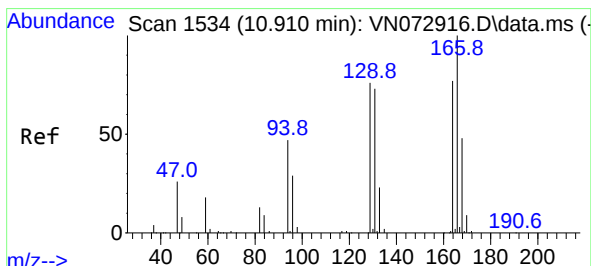
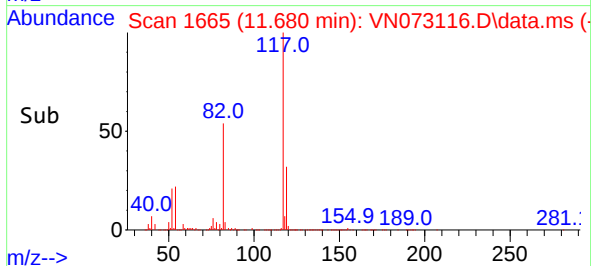
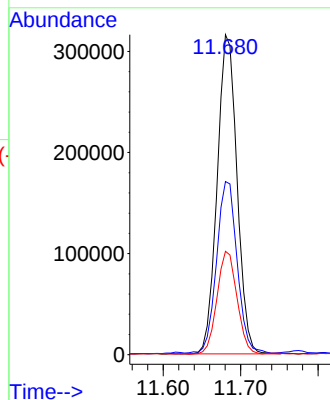
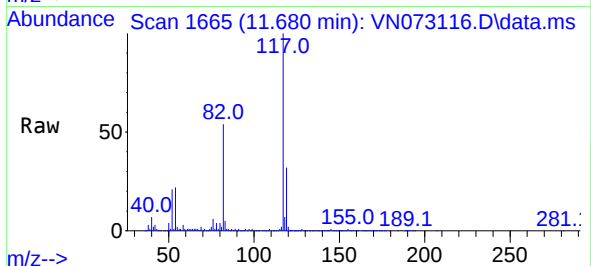




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

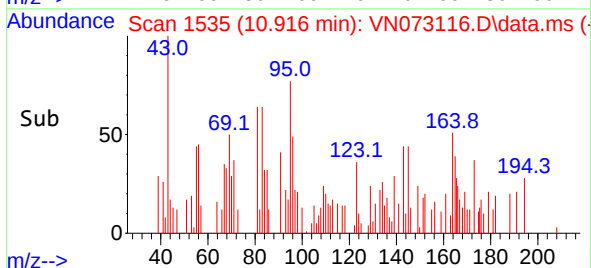
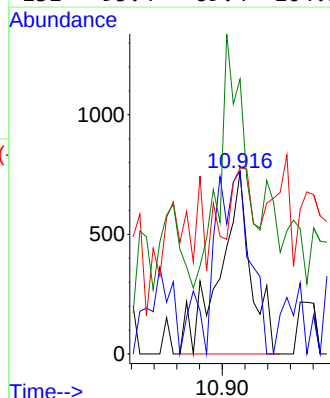
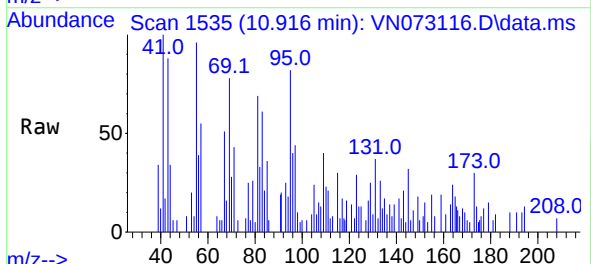
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3

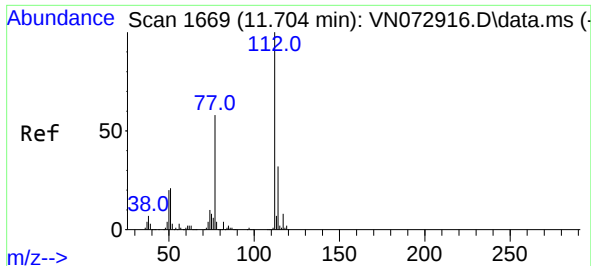
Tgt Ion:117 Resp: 563985
Ion Ratio Lower Upper
117 100
82 53.6 44.2 66.2
119 32.1 25.4 38.0



#64
Tetrachloroethene
Concen: 0.426 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.006 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

Tgt Ion:164 Resp: 1463
Ion Ratio Lower Upper
164 100
166 100.8 104.2 156.2#
129 41.2 73.9 110.9#
131 95.4 69.4 104.2

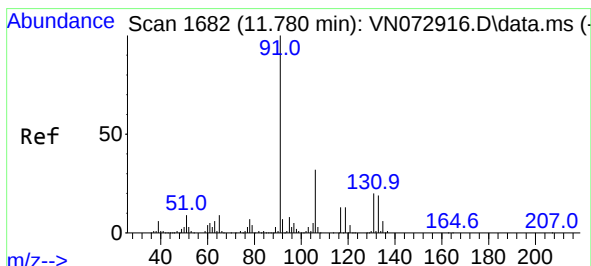
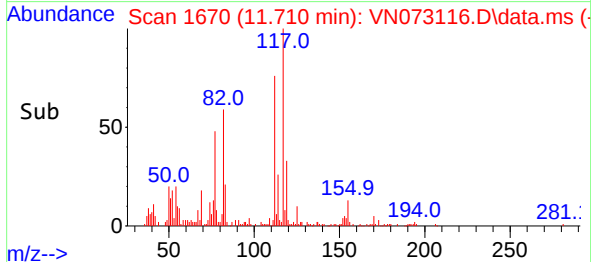
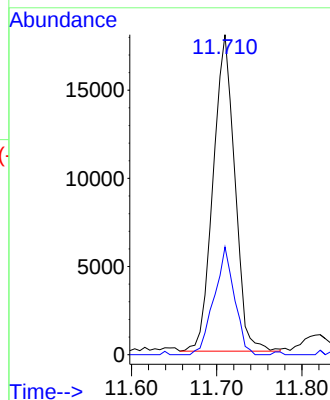
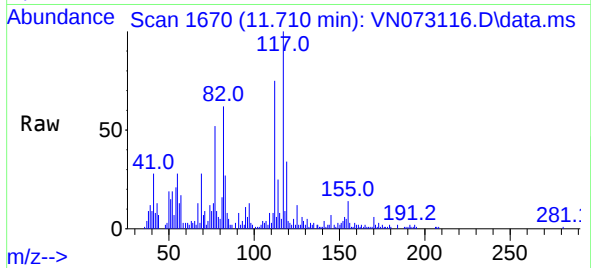




#65
Chlorobenzene
Concen: 2.882 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.006 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

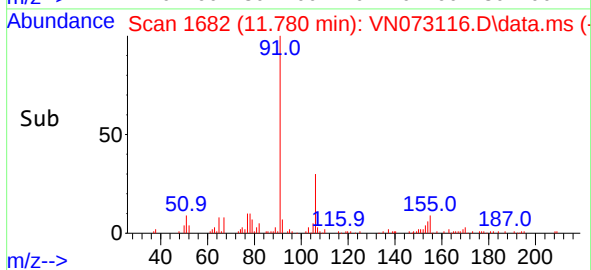
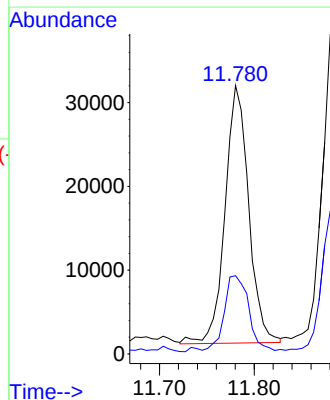
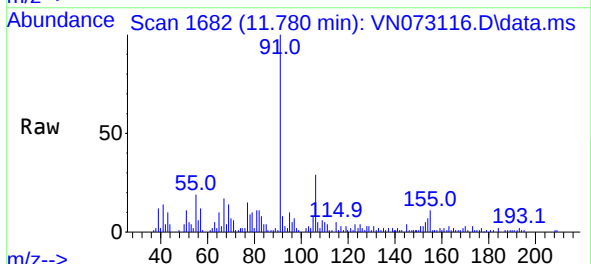
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3

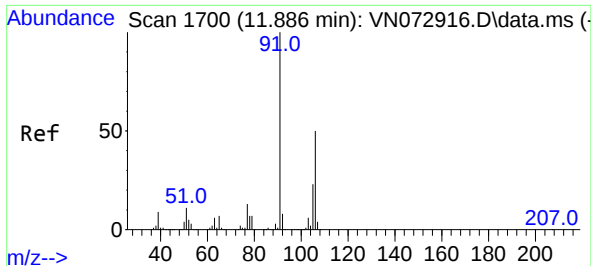
Tgt Ion:112 Resp: 31743
Ion Ratio Lower Upper
112 100
114 34.0 25.4 38.2



#67
Ethyl Benzene
Concen: 2.754 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

Tgt Ion: 91 Resp: 53398
Ion Ratio Lower Upper
91 100
106 29.5 24.9 37.3

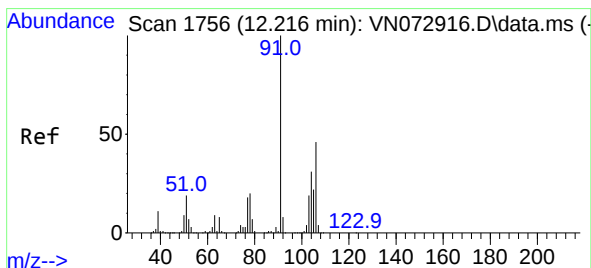
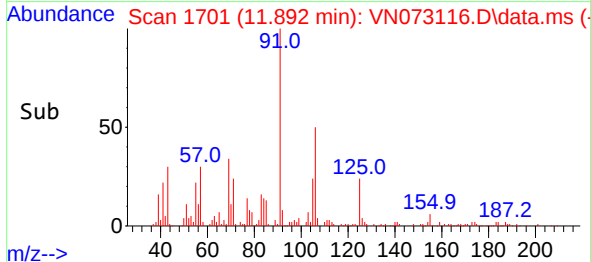
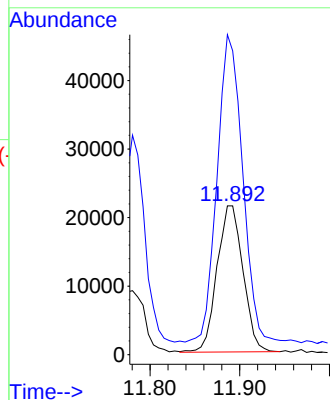
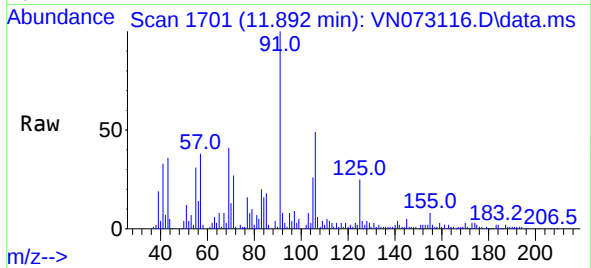




#68
m/p-Xylenes
Concen: 5.628 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

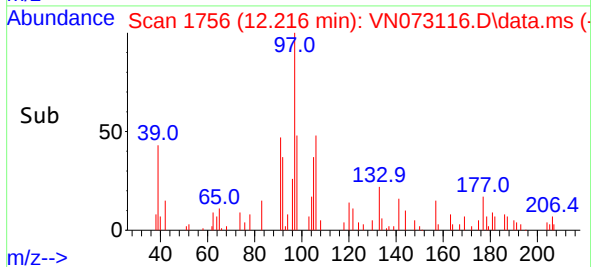
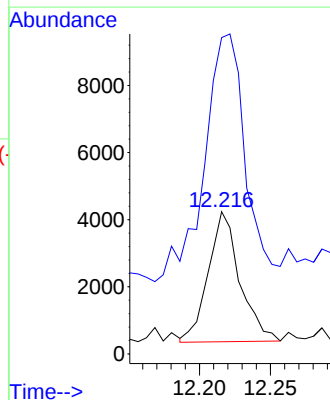
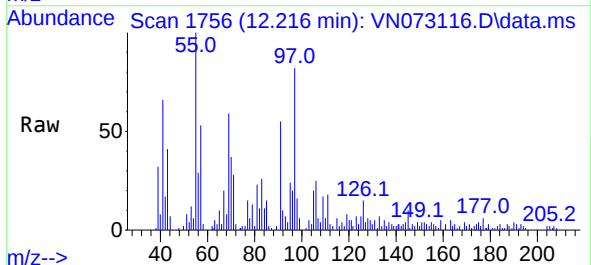
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3

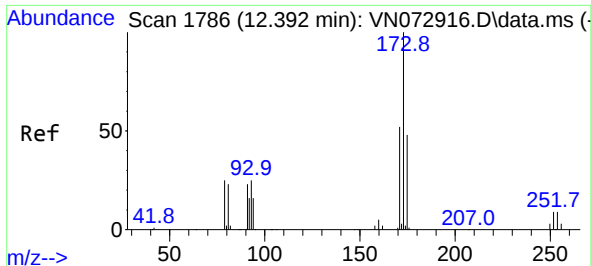
Tgt Ion:106 Resp: 42801
Ion Ratio Lower Upper
106 100
91 210.3 158.9 238.3



#69
o-Xylene
Concen: 0.790 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

Tgt Ion:106 Resp: 6000
Ion Ratio Lower Upper
106 100
91 247.1 106.0 318.0

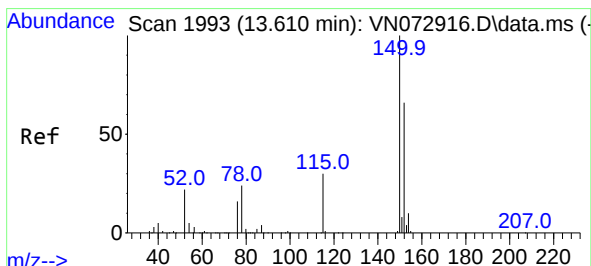
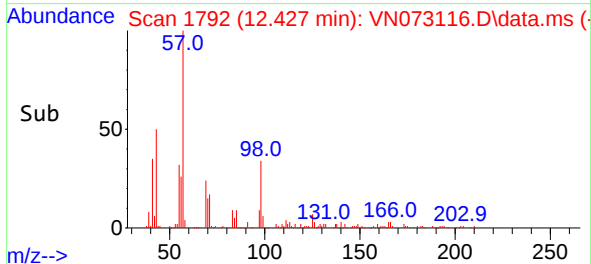
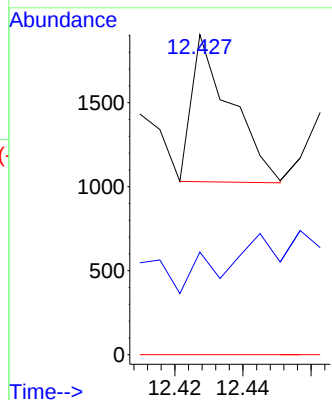
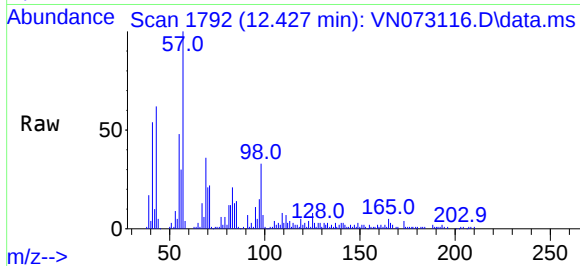




#71
Bromoform
Concen: 0.221 ug/l
RT: 12.427 min Scan# 1786
Delta R.T. 0.035 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

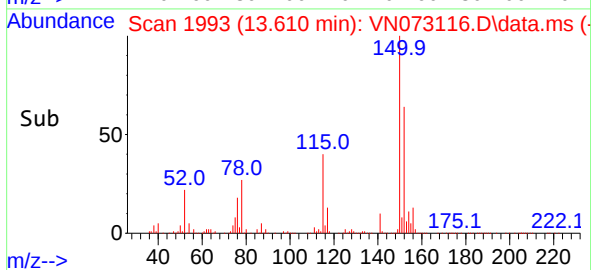
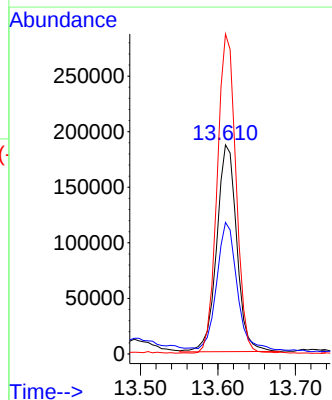
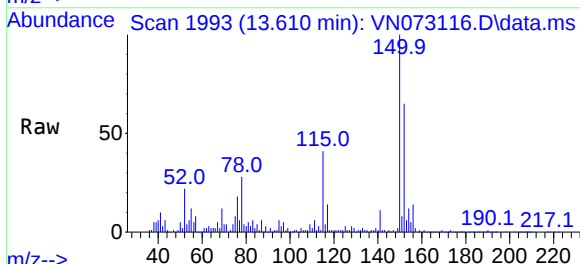
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3

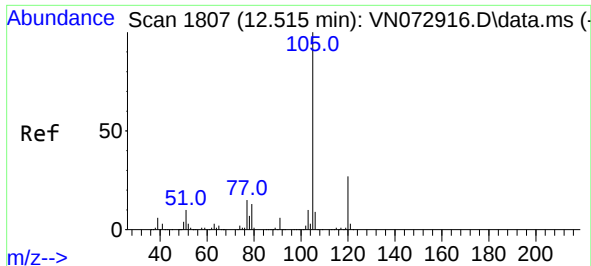
Tgt Ion:173 Resp: 699
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

Tgt Ion:152 Resp: 335666
Ion Ratio Lower Upper
152 100
115 63.3 28.9 86.7
150 144.8 0.0 356.2

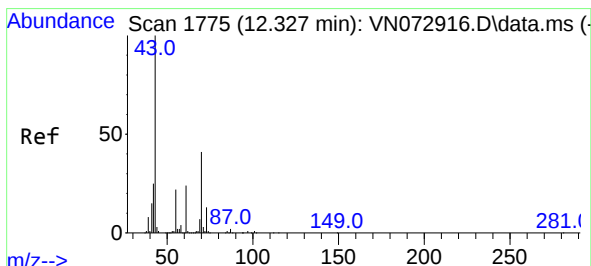
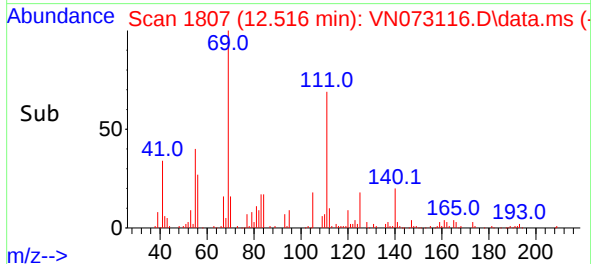
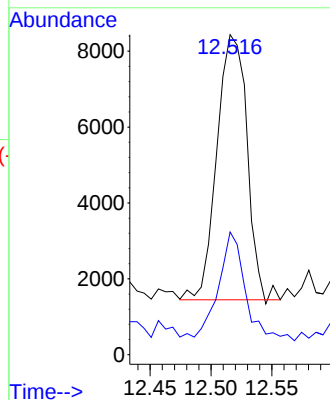
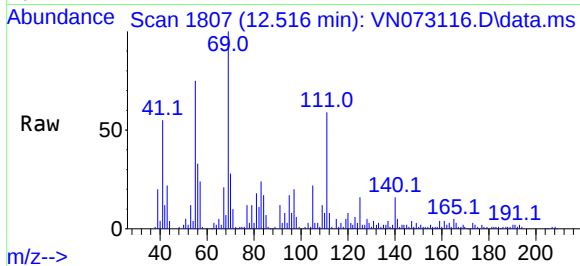




#73
Isopropylbenzene
Concen: 0.463 ug/l
RT: 12.516 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

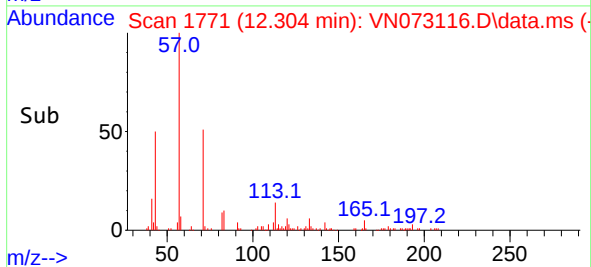
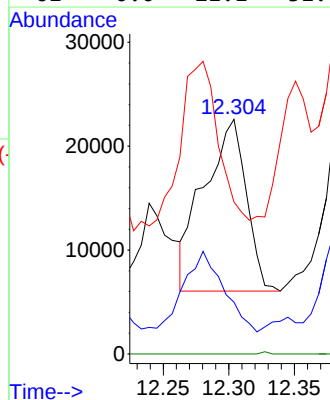
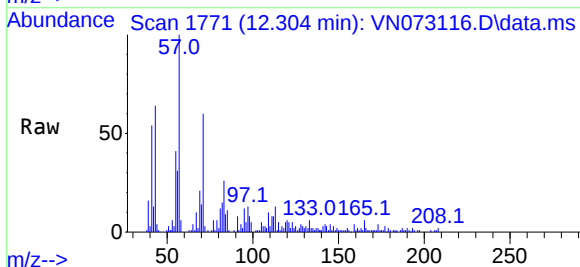
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3

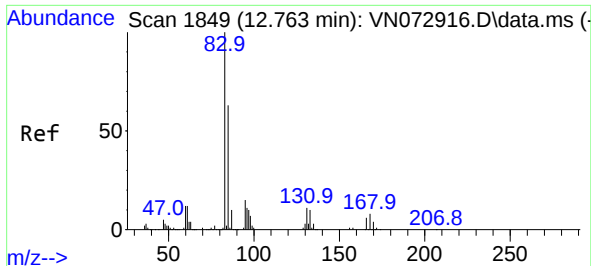
Tgt Ion:105 Resp: 12025
Ion Ratio Lower Upper
105 100
120 36.8 13.5 40.4



#74
N-ethyl acetate
Concen: 2.752 ug/l
RT: 12.304 min Scan# 1771
Delta R.T. -0.023 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

Tgt Ion: 43 Resp: 37090
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.4#
55 0.0 21.1 31.7#
61 0.0 21.1 31.7#

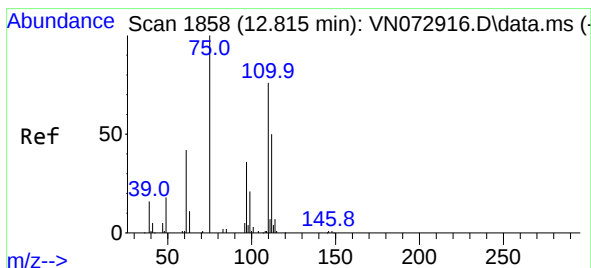
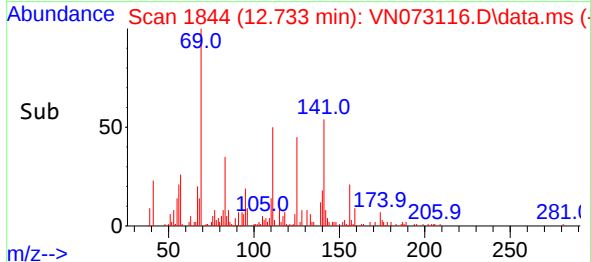
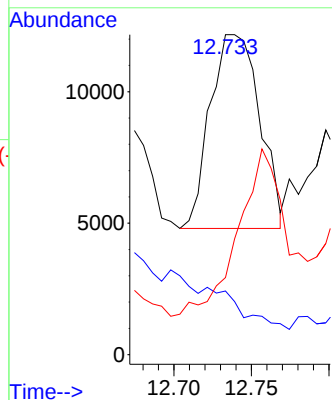
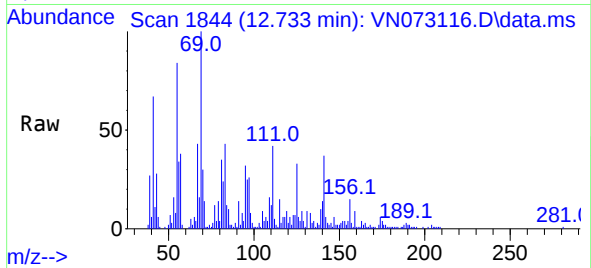




#75
1,1,2,2-Tetrachloroethane
Concen: 1.749 ug/l
RT: 12.733 min Scan# 1844
Delta R.T. -0.029 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

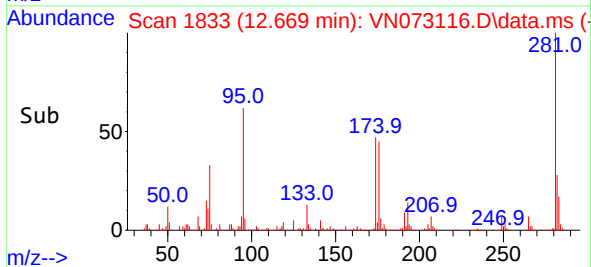
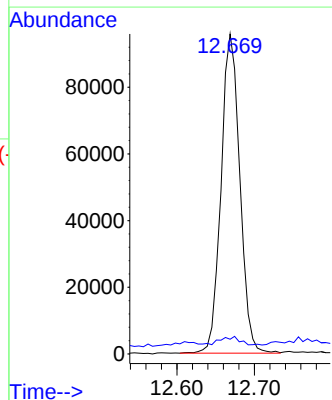
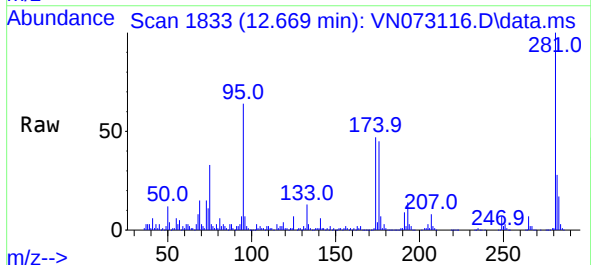
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3

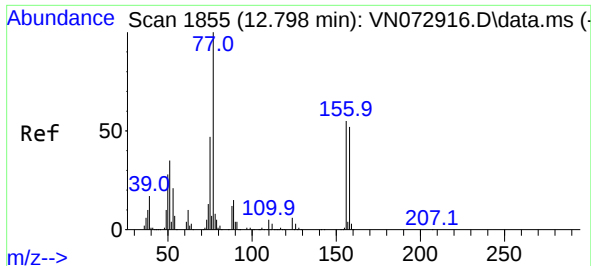
Tgt Ion: 83 Resp: 16357
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 0.0 32.3 96.9#



#76
1,2,3-Trichloropropane
Concen: 19.821 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

Tgt Ion: 75 Resp: 161308
Ion Ratio Lower Upper
75 100
77 2.5 98.5 295.5#

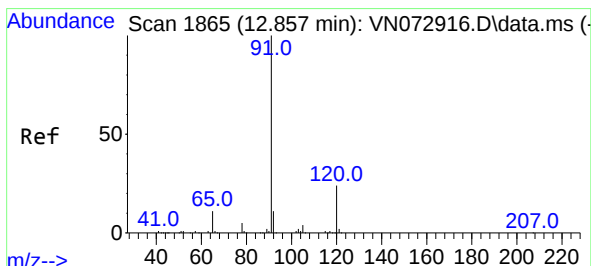
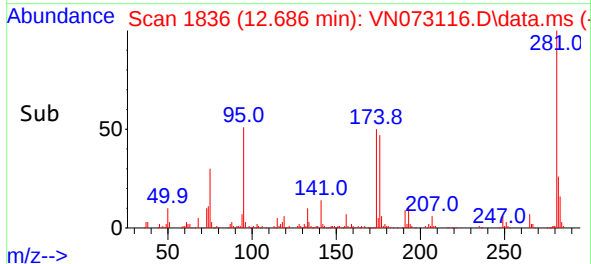
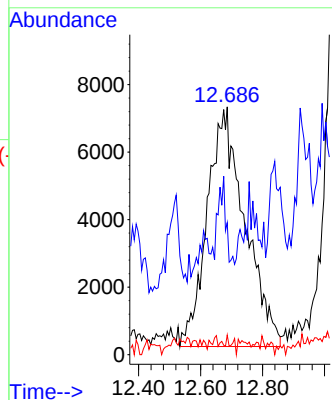
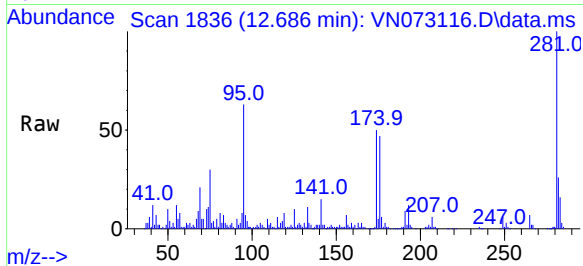




#77
Bromobenzene
Concen: 9.602 ug/l
RT: 12.686 min Scan# 1836
Delta R.T. -0.112 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

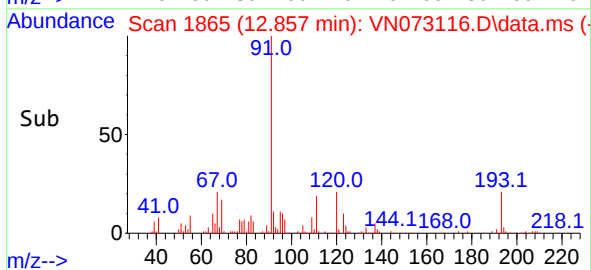
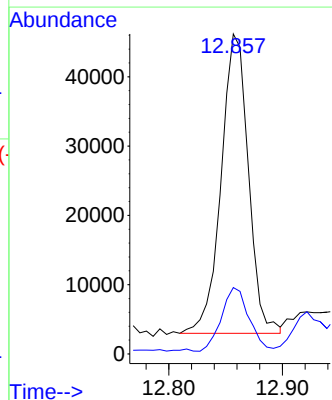
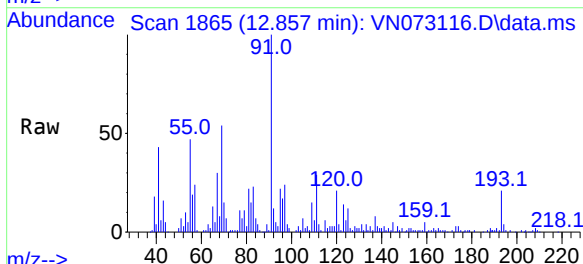
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3

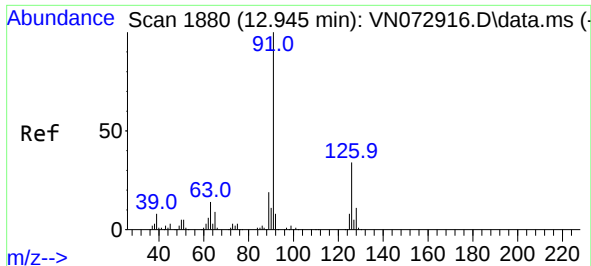
Tgt Ion:156 Resp: 59736
Ion Ratio Lower Upper
156 100
77 6.7 100.5 301.5#
158 0.3 48.9 146.6#



#78
n-propylbenzene
Concen: 2.526 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

Tgt Ion: 91 Resp: 72162
Ion Ratio Lower Upper
91 100
120 21.5 11.9 35.5





#79

2-Chlorotoluene

Concen: 0.208 ug/l

RT: 12.921 min Scan# 1876

Delta R.T. -0.023 min

Lab File: VN073116.D

Acq: 25 Jun 2022 17:32

Instrument :

MSVOA_N

ClientSampleId :

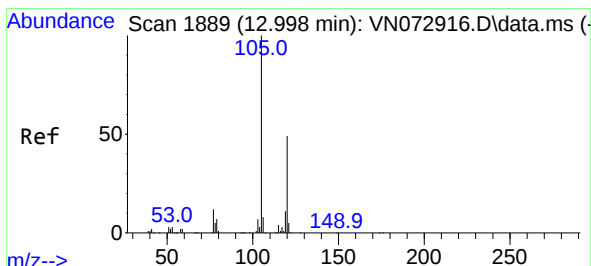
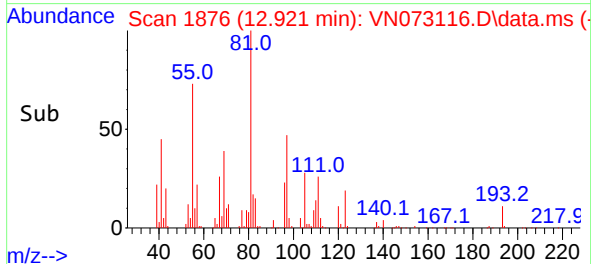
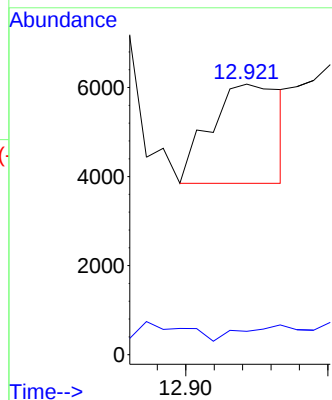
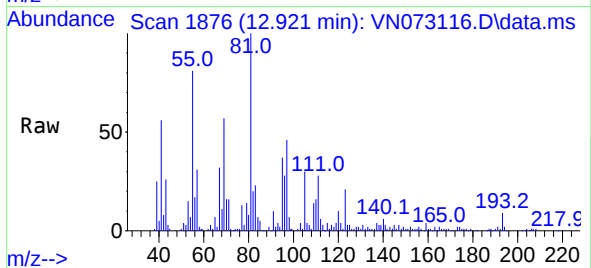
SP-EXC-2-3

Tgt Ion: 91 Resp: 3852

Ion Ratio Lower Upper

91 100

126 0.0 17.3 51.9#



#80

1,3,5-Trimethylbenzene

Concen: 1.032 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VN073116.D

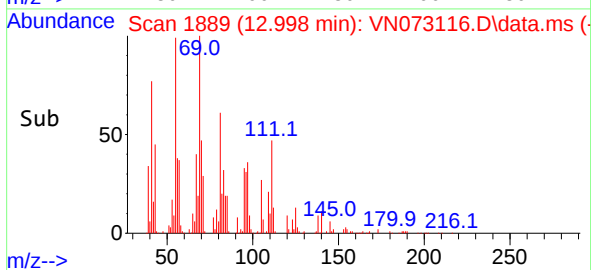
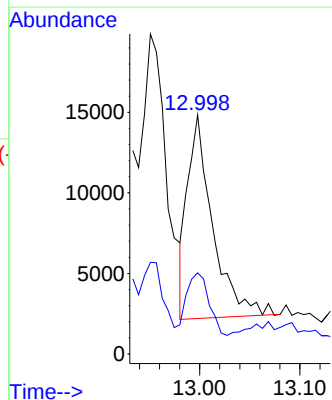
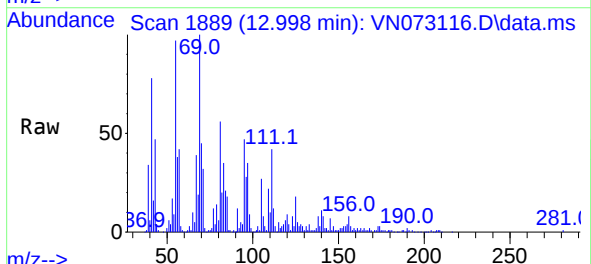
Acq: 25 Jun 2022 17:32

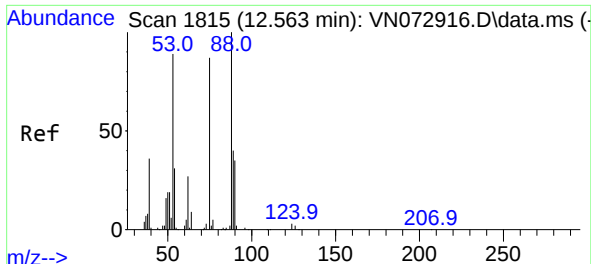
Tgt Ion: 105 Resp: 22019

Ion Ratio Lower Upper

105 100

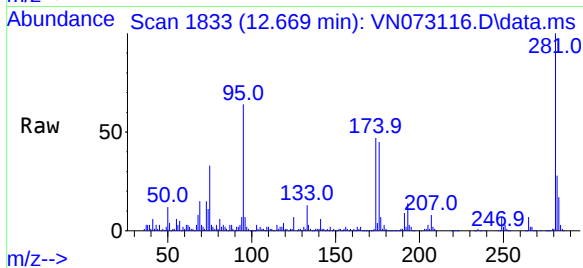
120 27.6 24.9 74.7



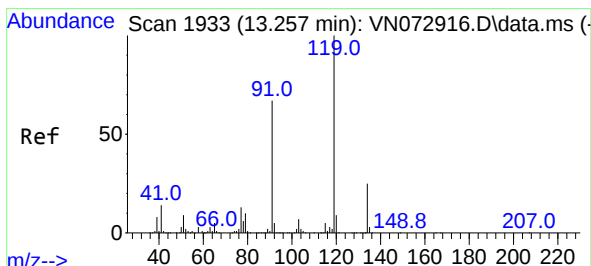
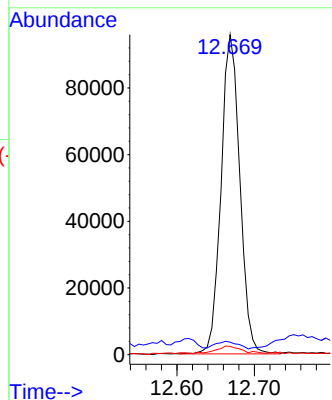
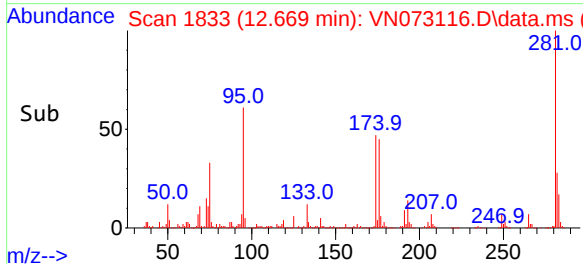


#81
trans-1,4-Dichloro-2-butene
Concen: 53.529 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3

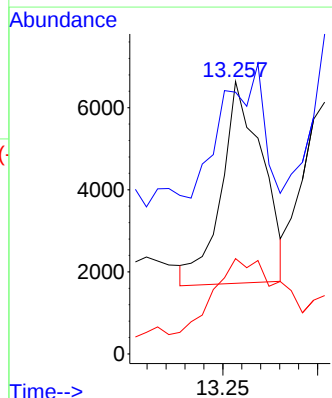
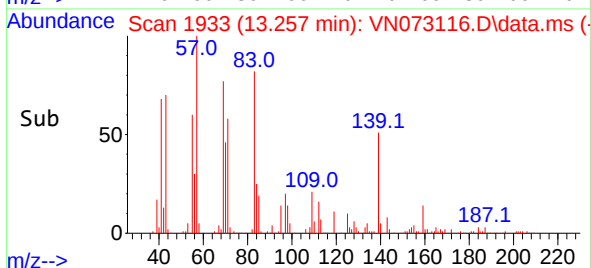
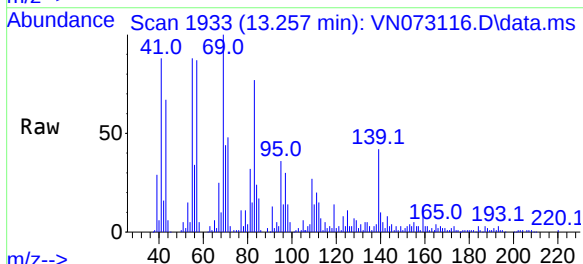


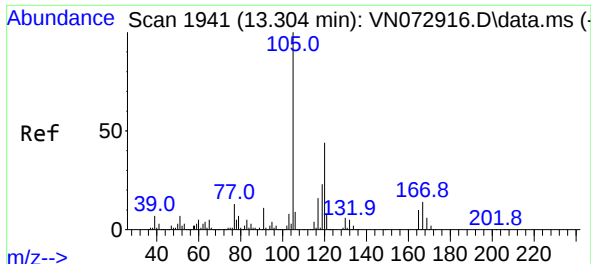
Tgt Ion: 75 Resp: 161308
Ion Ratio Lower Upper
75 100
53 2.7 78.0 117.0#
89 3.8 37.2 55.8#



#83
tert-Butylbenzene
Concen: 0.378 ug/l
RT: 13.257 min Scan# 1933
Delta R.T. 0.000 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

Tgt Ion: 119 Resp: 7386
Ion Ratio Lower Upper
119 100
91 68.3 31.6 94.8
134 60.7 13.7 41.1#

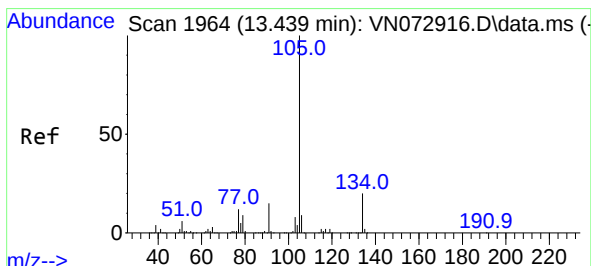
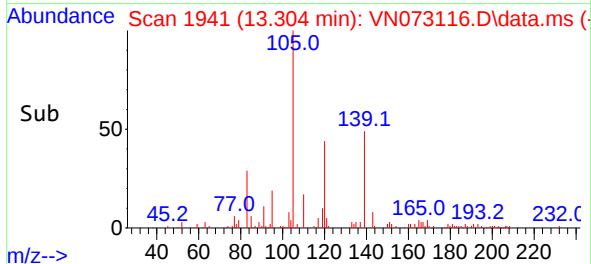
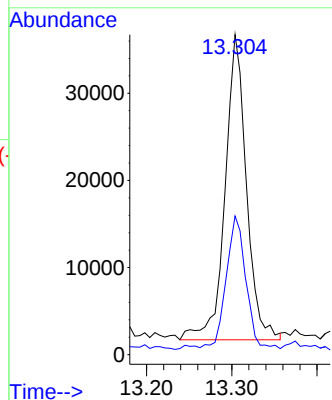
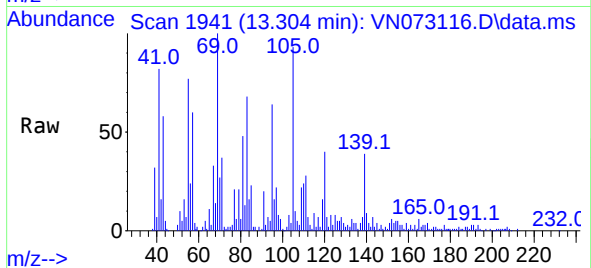




#84
1,2,4-Trimethylbenzene
Concen: 2.879 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

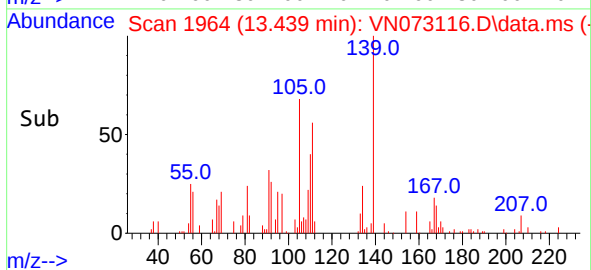
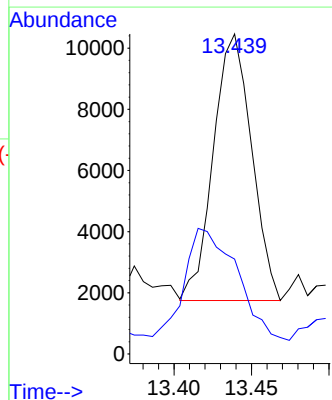
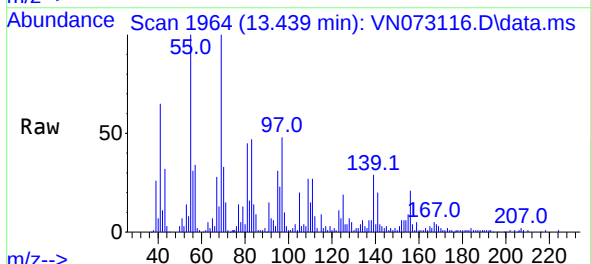
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3

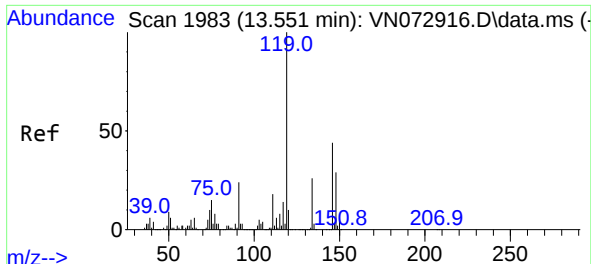
Tgt Ion:105 Resp: 61175
Ion Ratio Lower Upper
105 100
120 40.8 23.3 69.8



#85
sec-Butylbenzene
Concen: 0.574 ug/l
RT: 13.439 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

Tgt Ion:105 Resp: 14958
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#

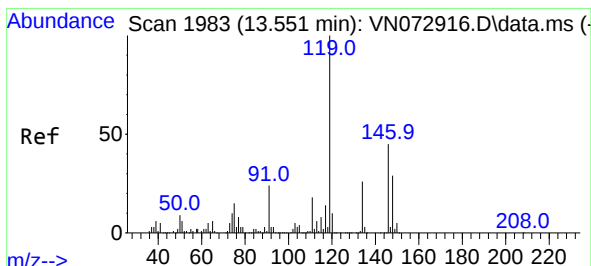
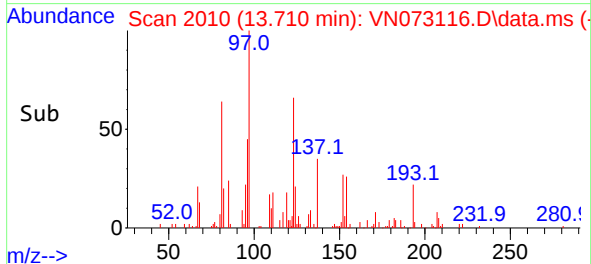
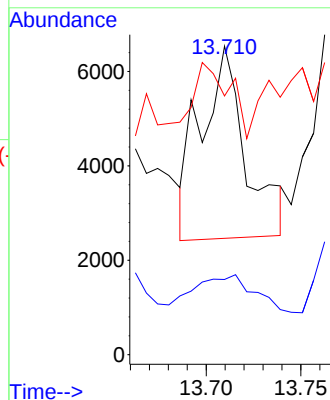
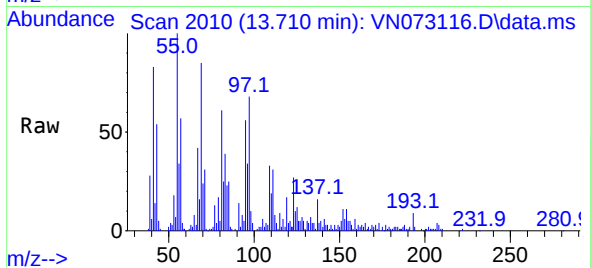




#86
 p-Isopropyltoluene
 Concen: 0.319 ug/l
 RT: 13.710 min Scan# 2010
 Delta R.T. 0.159 min
 Lab File: VN073116.D
 Acq: 25 Jun 2022 17:32

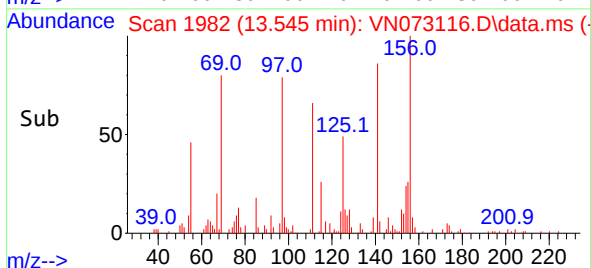
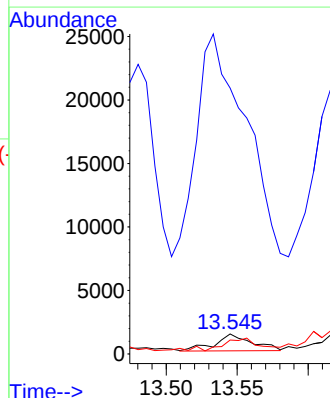
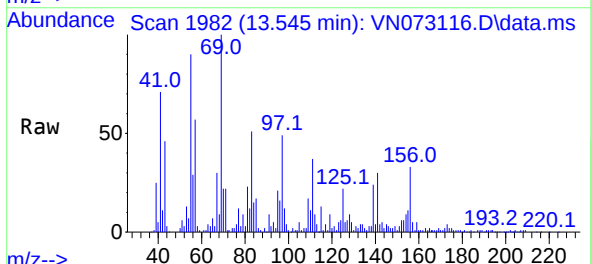
Instrument :
 MSVOA_N
 ClientSampleId :
 SP-EXC-2-3

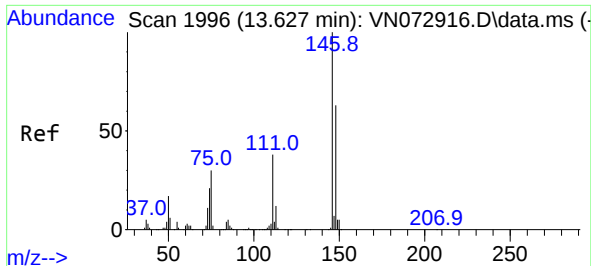
Tgt Ion:119 Resp: 6727
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.3 39.8
 91 32.5 11.3 33.9



#87
 1,3-Dichlorobenzene
 Concen: 0.220 ug/l
 RT: 13.545 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: VN073116.D
 Acq: 25 Jun 2022 17:32

Tgt Ion:146 Resp: 2440
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.0 60.0#
 148 76.9 32.0 96.0

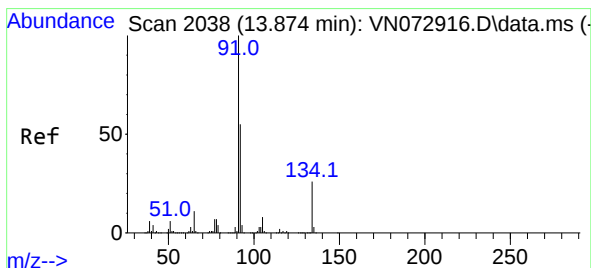
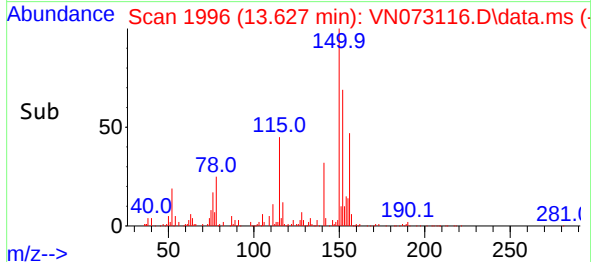
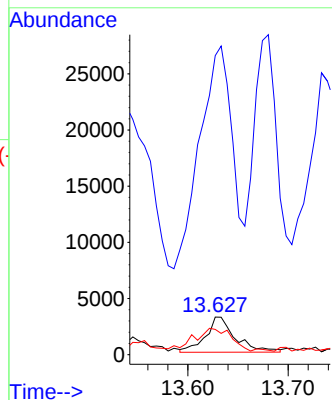
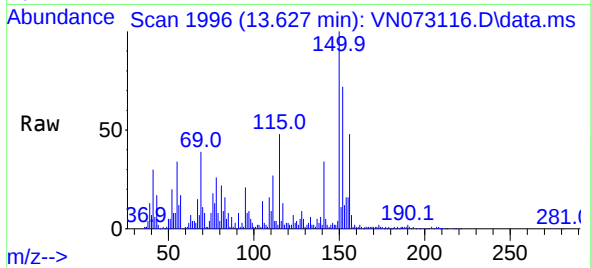




#88
1,4-Dichlorobenzene
Concen: 0.576 ug/l
RT: 13.627 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

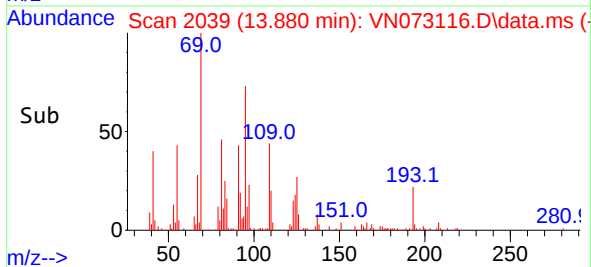
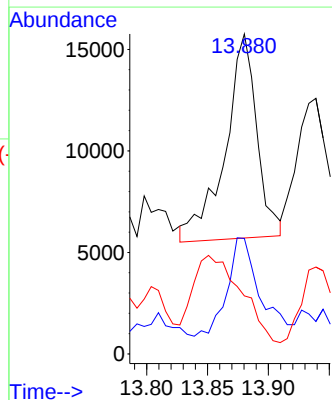
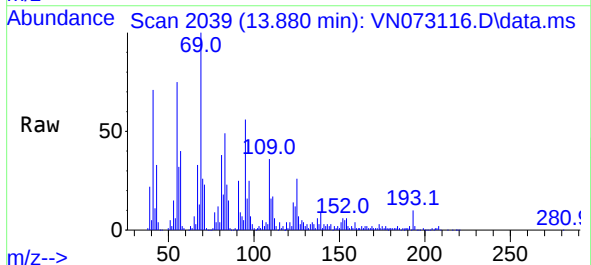
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3

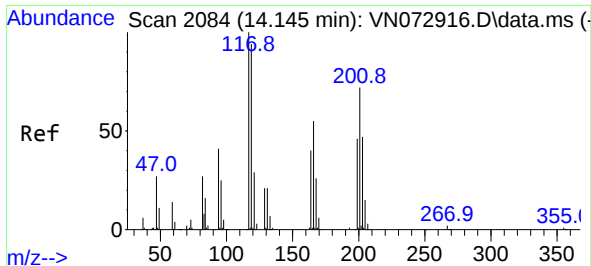
Tgt Ion:146 Resp: 6479
Ion Ratio Lower Upper
146 100
111 688.2 19.1 57.1#
148 82.6 31.4 94.3



#89
n-Butylbenzene
Concen: 1.058 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

Tgt Ion: 91 Resp: 18219
Ion Ratio Lower Upper
91 100
92 48.4 26.9 80.7
134 0.0 13.6 40.8#

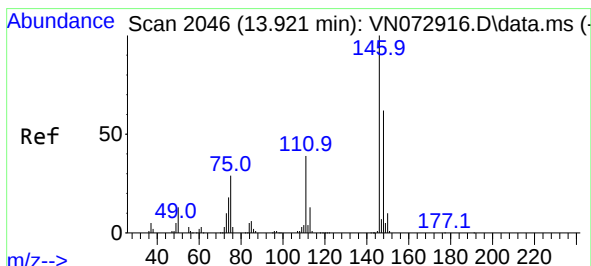
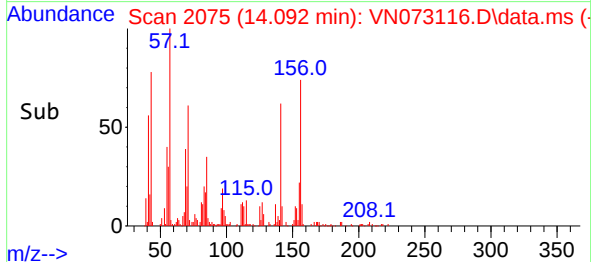
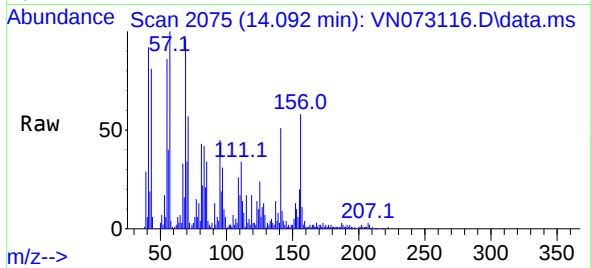




#90
Hexachloroethane
Concen: 0.522 ug/l
RT: 14.092 min Scan# 2084
Delta R.T. -0.053 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

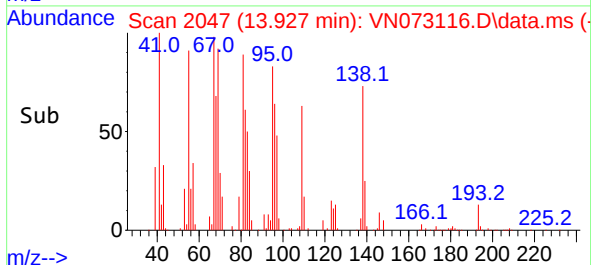
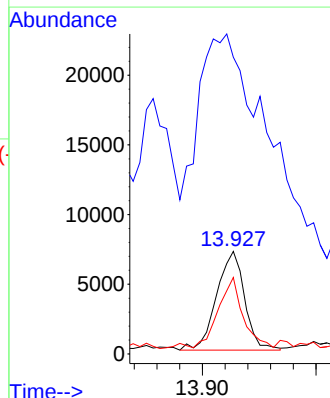
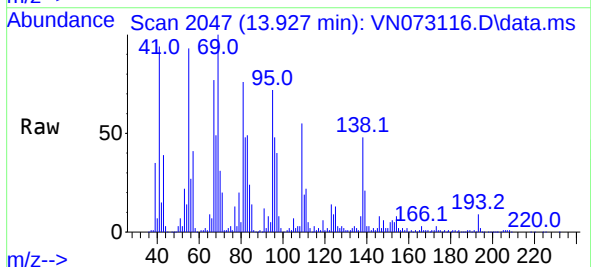
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3

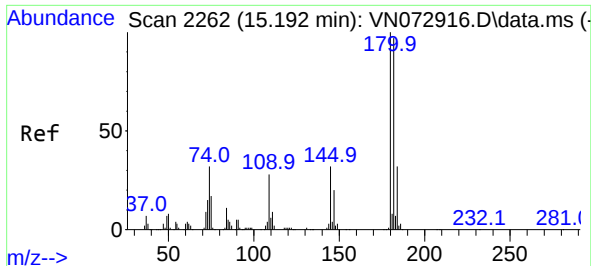
Tgt Ion:117 Resp: 2078
Ion Ratio Lower Upper
117 100
201 44.3 40.6 122.0



#91
1,2-Dichlorobenzene
Concen: 1.050 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.006 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

Tgt Ion:146 Resp: 12163
Ion Ratio Lower Upper
146 100
111 561.3 20.9 62.8#
148 62.2 32.1 96.3

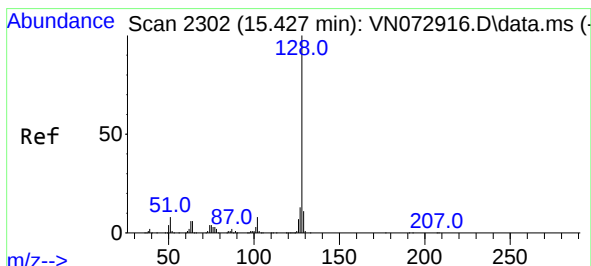
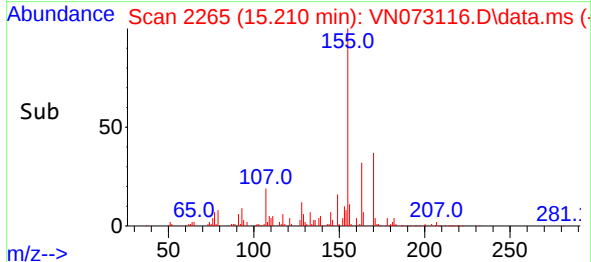
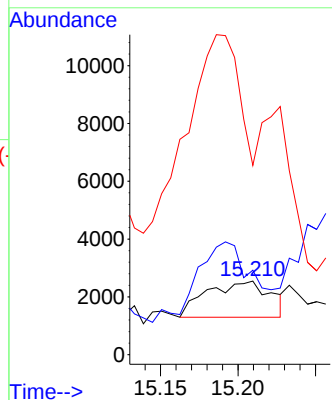
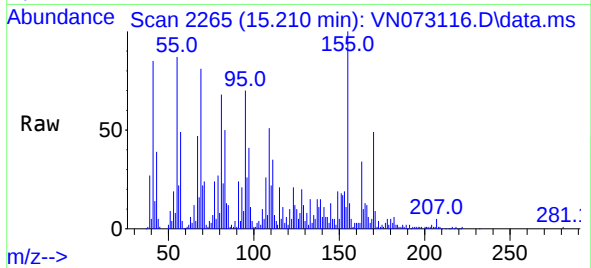




#93
1,2,4-Trichlorobenzene
Concen: 0.553 ug/l
RT: 15.210 min Scan# 21
Delta R.T. 0.018 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

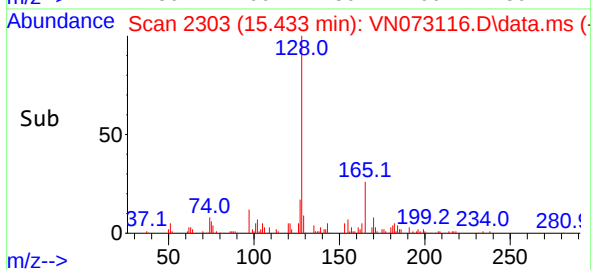
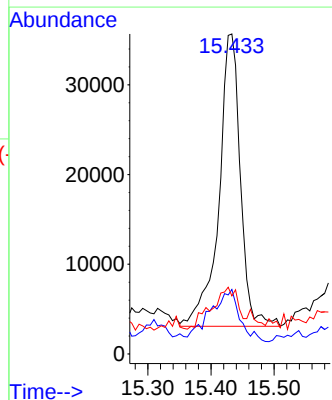
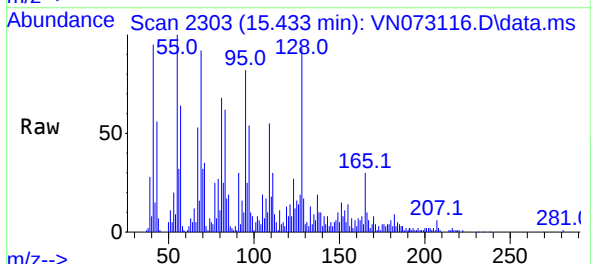
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3

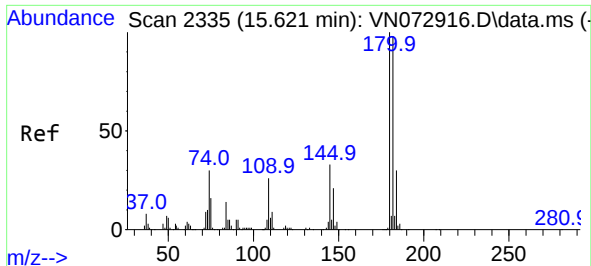
Tgt Ion:180 Resp: 3542
Ion Ratio Lower Upper
180 100
182 0.0 47.5 142.5#
145 0.0 14.5 43.5#



#95
Naphthalene
Concen: 2.978 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN073116.D
Acq: 25 Jun 2022 17:32

Tgt Ion:128 Resp: 77214
Ion Ratio Lower Upper
128 100
127 24.4 10.3 15.5#
129 17.9 8.6 13.0#





#96

1,2,3-Trichlorobenzene

Concen: 0.967 ug/l

RT: 15.645 min Scan# 21

Delta R.T. 0.024 min

Lab File: VN073116.D

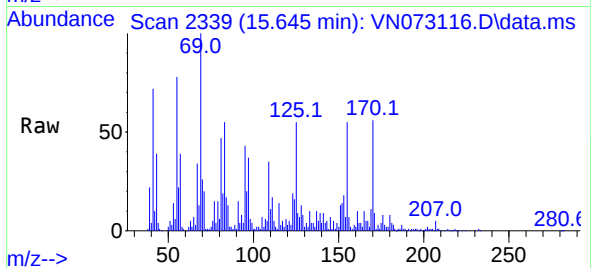
Acq: 25 Jun 2022 17:32

Instrument :

MSVOA_N

ClientSampleId :

SP-EXC-2-3



Tgt Ion:180 Resp: 6618

Ion Ratio Lower Upper

180 100

182 0.0 47.8 143.3#

145 0.0 15.5 46.5#

