

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
 Data File : VX028861.D
 Acq On : 20 May 2022 19:16
 Operator : JC/MD
 Sample : N2958-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT162S1-20220516

Quant Time: May 20 23:33:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

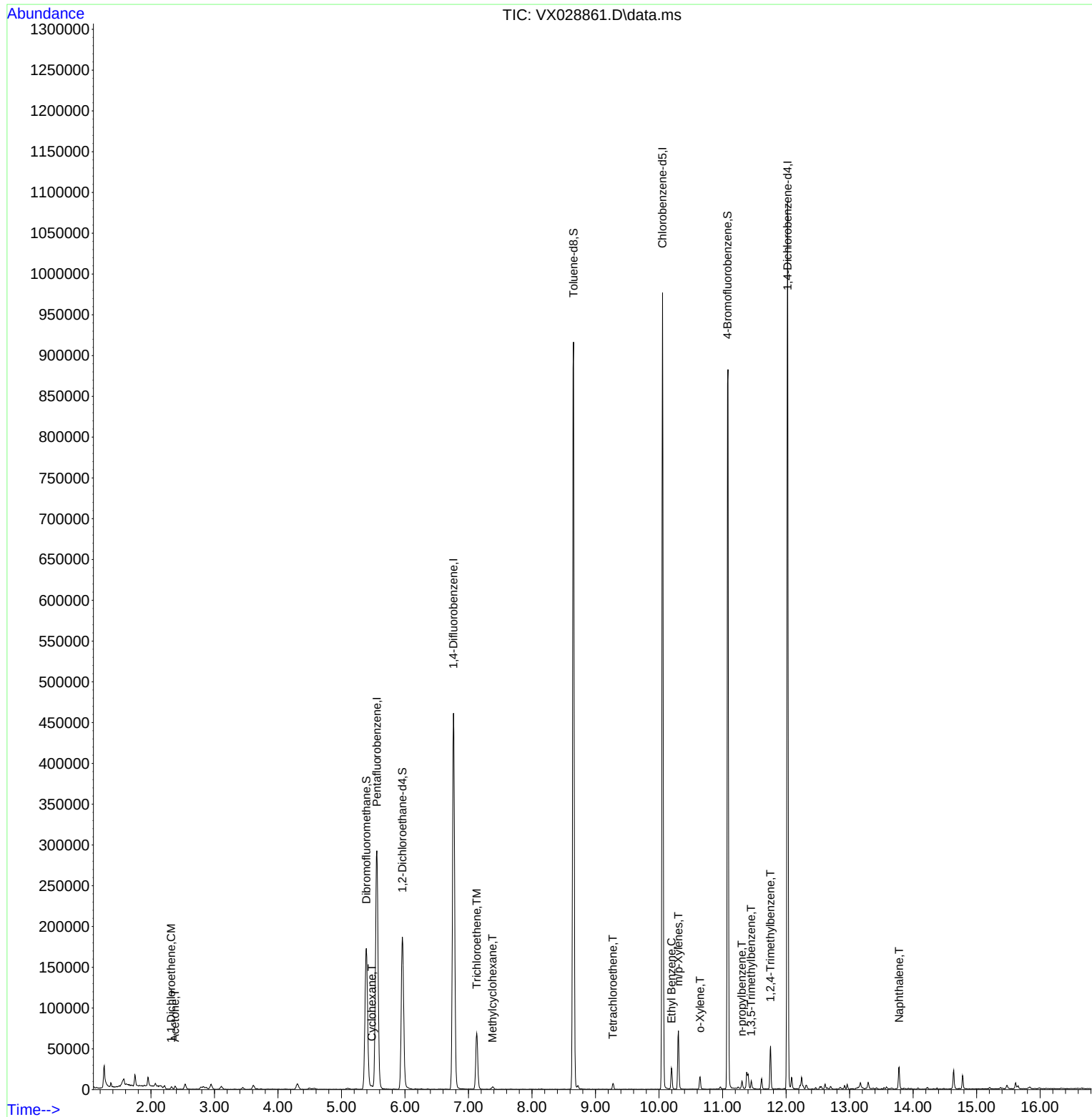
Internal Standards						
1) Pentafluorobenzene	5.556	168	272042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	472714	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	413214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	217907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	186037	49.888	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.780%		
35) Dibromofluoromethane	5.391	113	147663	47.677	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.360%		
50) Toluene-d8	8.653	98	555840	47.602	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.200%		
62) 4-Bromofluorobenzene	11.079	95	248793	57.045	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	114.080%		
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.319	96	922	0.327	ug/l	91
16) Acetone	2.380	43	3819	2.386	ug/l	92
31) Cyclohexane	5.477	56	2427	0.469	ug/l	98
39) Methylcyclohexane	7.379	83	1492	0.280	ug/l #	85
44) Trichloroethene	7.129	130	26902	7.419	ug/l	97
64) Tetrachloroethene	9.275	164	1334	0.428	ug/l #	75
67) Ethyl Benzene	10.195	91	15751	1.002	ug/l	98
68) m/p-Xylenes	10.305	106	16936	2.769	ug/l	96
69) o-Xylene	10.646	106	3571	0.593	ug/l	92
78) n-propylbenzene	11.305	91	6104	0.319	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	4074	0.296	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	23871	1.729	ug/l	100
95) Naphthalene	13.780	128	19302	1.247	ug/l	99

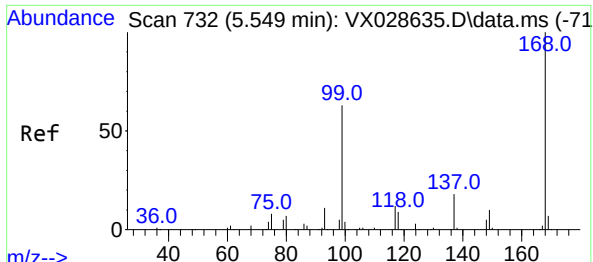
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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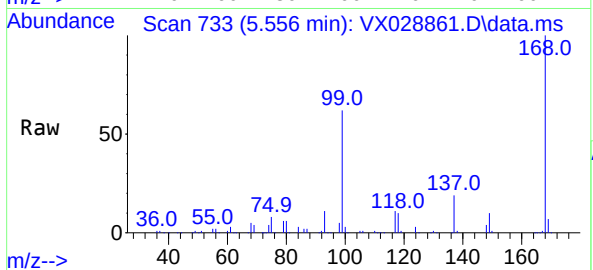
Quant Time: May 20 23:33:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
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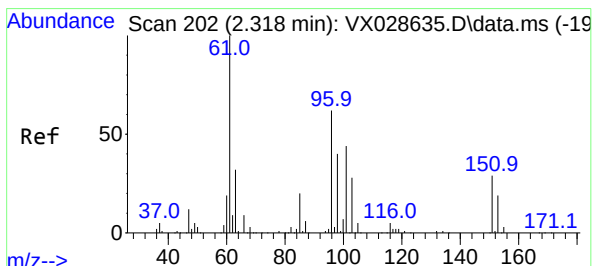
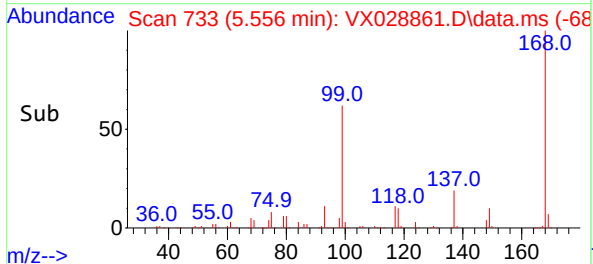
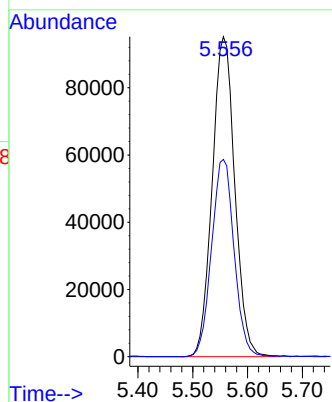


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028861.D
Acq: 20 May 2022 19:16

Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20220516

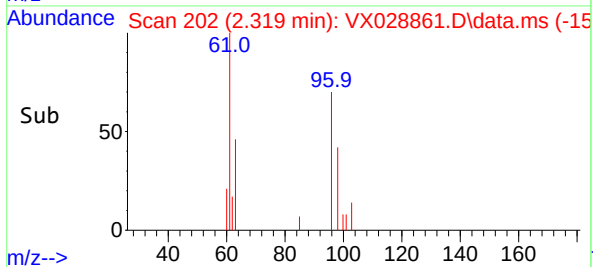
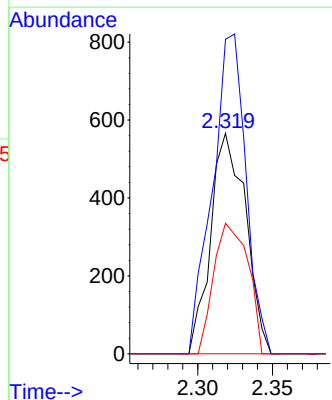
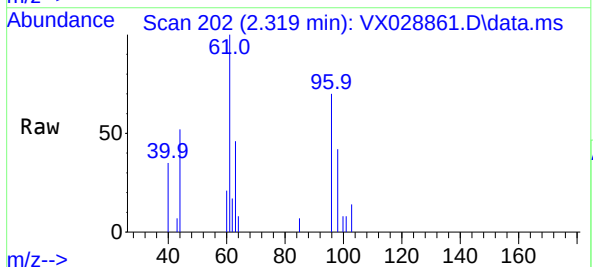


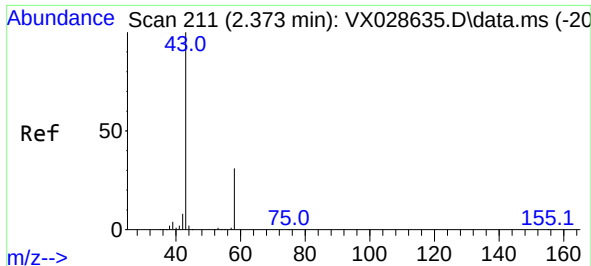
Tgt Ion:168 Resp: 272042
Ion Ratio Lower Upper
168 100
99 61.6 41.7 62.5



#12
1,1-Dichloroethene
Concen: 0.327 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX028861.D
Acq: 20 May 2022 19:16

Tgt Ion: 96 Resp: 922
Ion Ratio Lower Upper
96 100
61 142.6 124.6 187.0
98 59.2 51.0 76.4

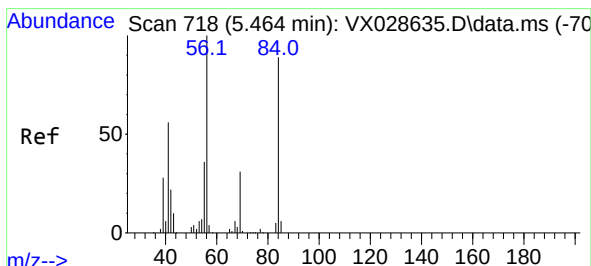
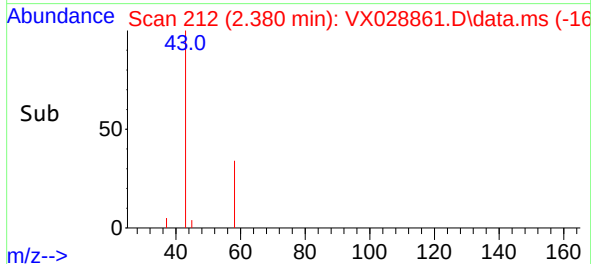
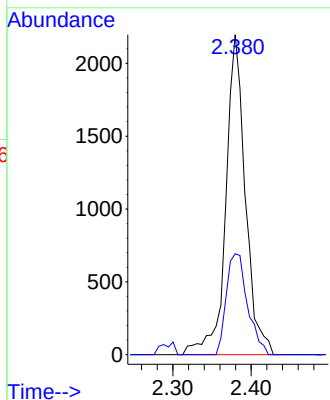
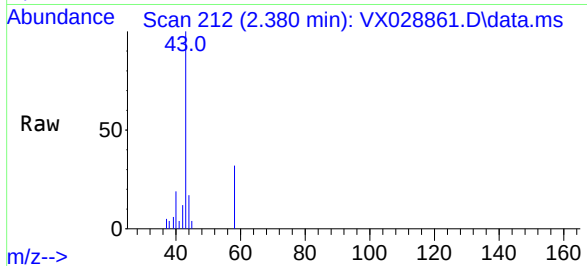




#16
Acetone
Concen: 2.386 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028861.D
Acq: 20 May 2022 19:16

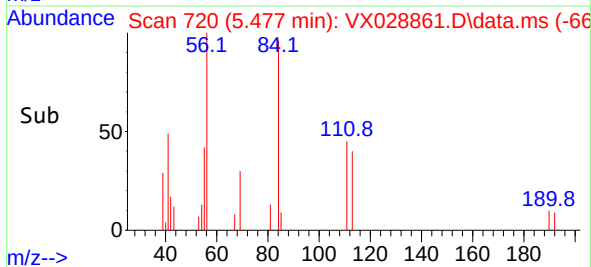
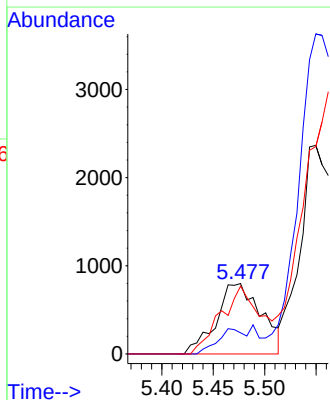
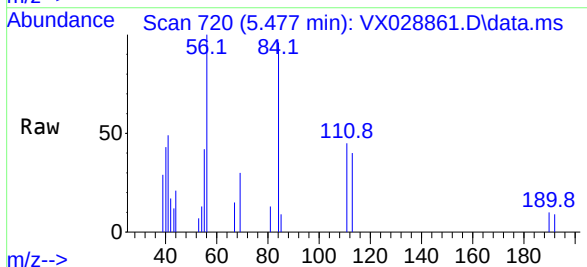
Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20220516

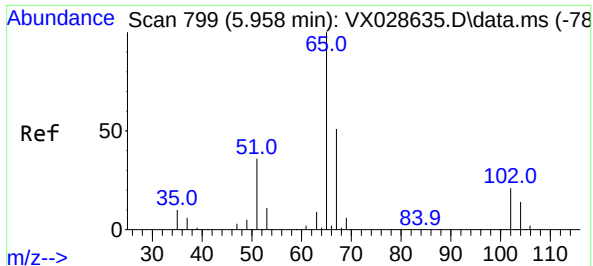
Tgt Ion: 43 Resp: 3819
Ion Ratio Lower Upper
43 100
58 31.5 28.8 43.2



#31
Cyclohexane
Concen: 0.469 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.013 min
Lab File: VX028861.D
Acq: 20 May 2022 19:16

Tgt Ion: 56 Resp: 2427
Ion Ratio Lower Upper
56 100
69 30.0 26.7 40.1
84 96.4 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 49.888 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028861.D

Acq: 20 May 2022 19:16

Instrument :

MSVOA_X

ClientSampleId :

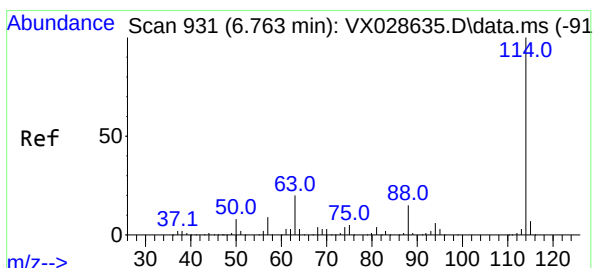
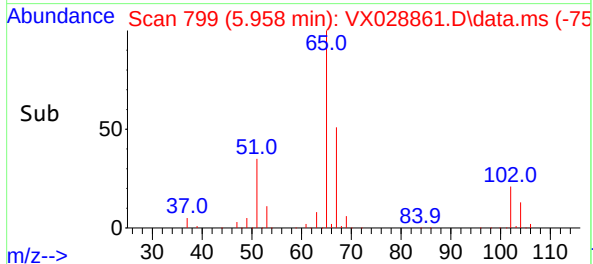
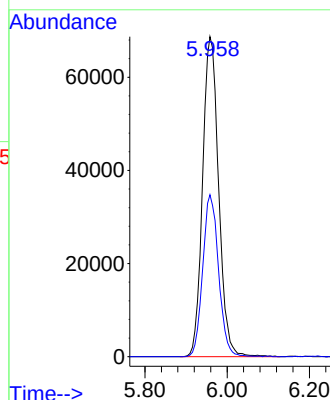
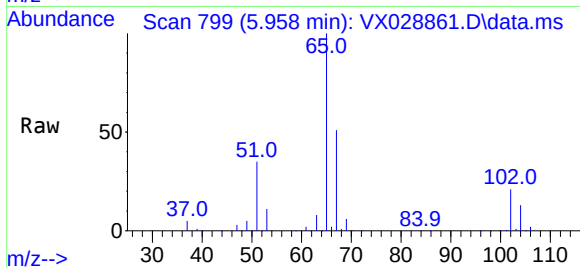
TT162S1-20220516

Tgt Ion: 65 Resp: 186037

Ion Ratio Lower Upper

65 100

67 49.9 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028861.D

Acq: 20 May 2022 19:16

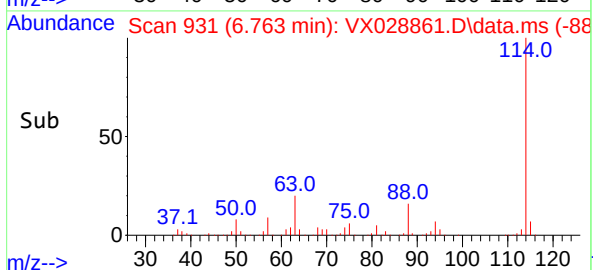
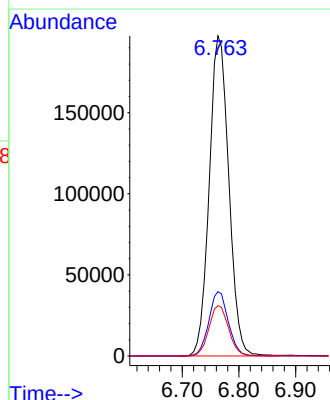
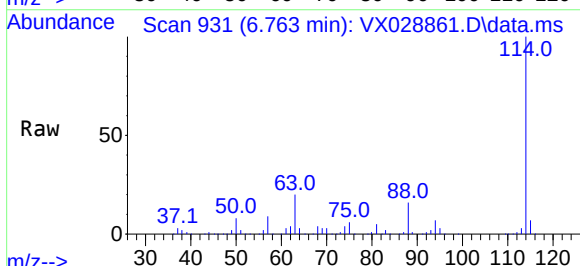
Tgt Ion: 114 Resp: 472714

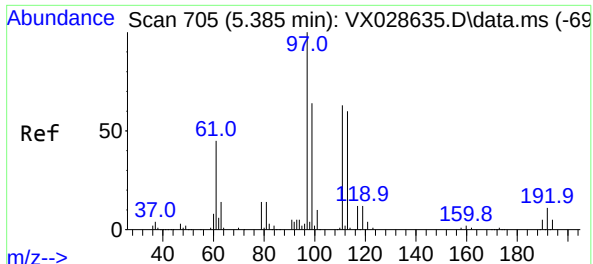
Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.8

88 15.7 0.0 32.4

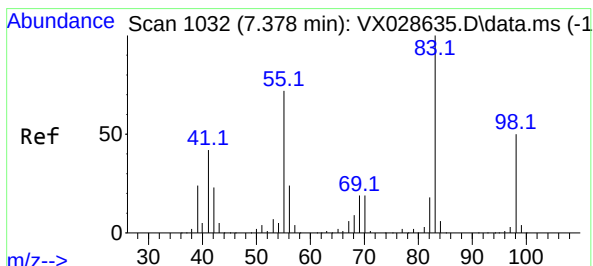
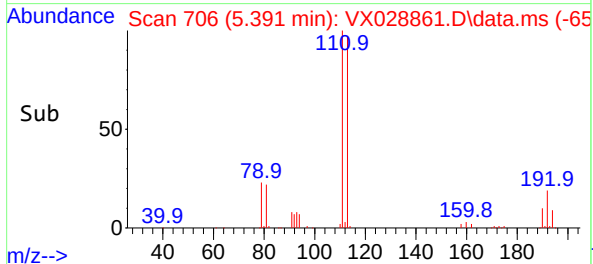
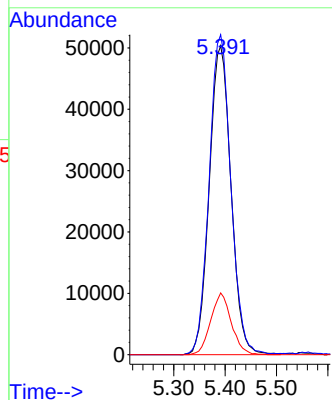
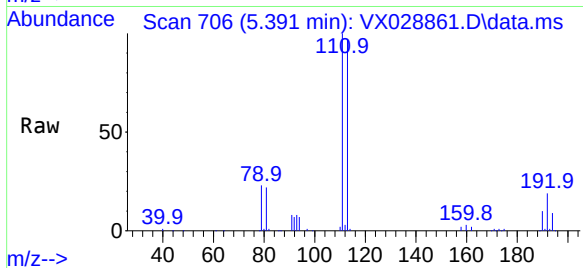




#35
Dibromofluoromethane
Concen: 47.677 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028861.D
Acq: 20 May 2022 19:16

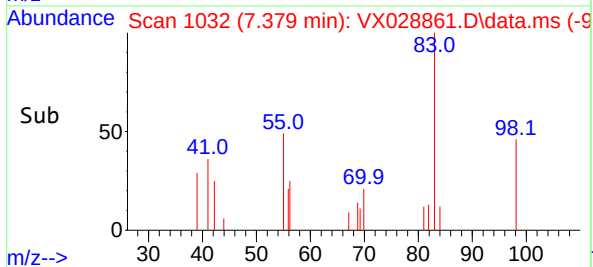
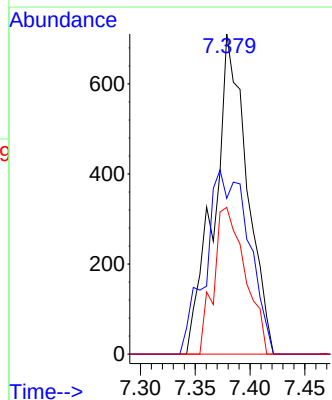
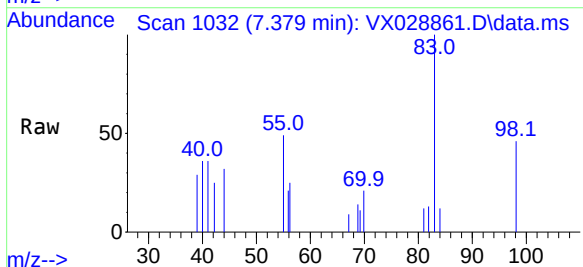
Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20220516

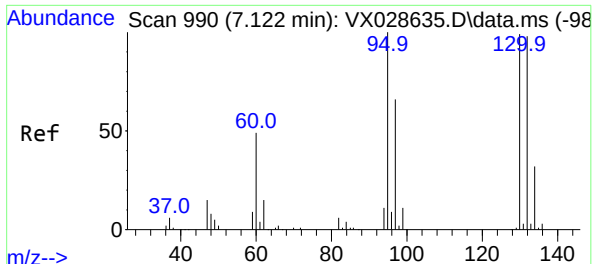
Tgt Ion:113 Resp: 147663
Ion Ratio Lower Upper
113 100
111 103.4 82.8 124.2
192 18.9 16.9 25.3



#39
Methylcyclohexane
Concen: 0.280 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX028861.D
Acq: 20 May 2022 19:16

Tgt Ion: 83 Resp: 1492
Ion Ratio Lower Upper
83 100
55 48.7 54.6 81.8#
98 45.9 37.4 56.2





#44

Trichloroethene

Concen: 7.419 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.007 min

Lab File: VX028861.D

Acq: 20 May 2022 19:16

Instrument :

MSVOA_X

ClientSampleId :

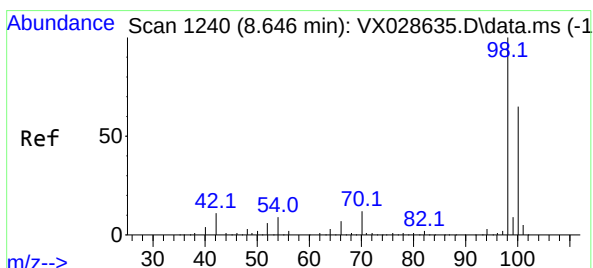
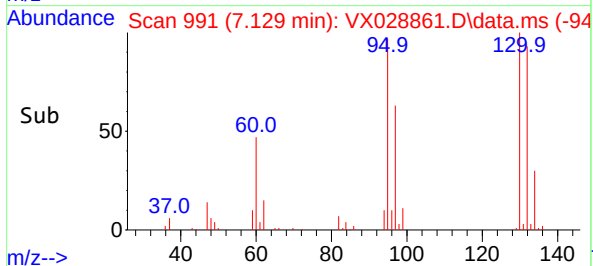
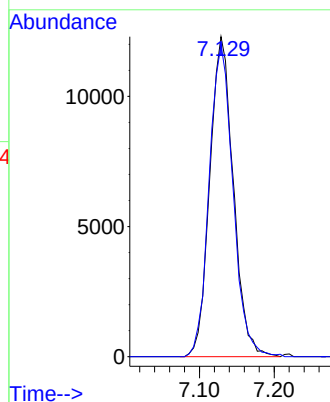
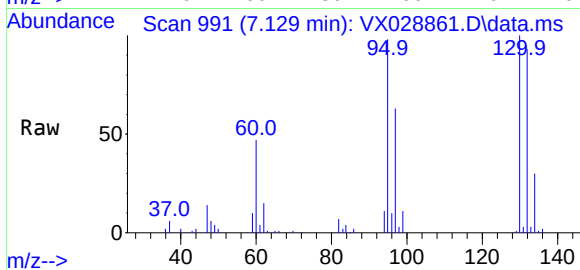
TT162S1-20220516

Tgt Ion:130 Resp: 26902

Ion Ratio Lower Upper

130 100

95 97.6 0.0 188.8



#50

Toluene-d8

Concen: 47.602 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.007 min

Lab File: VX028861.D

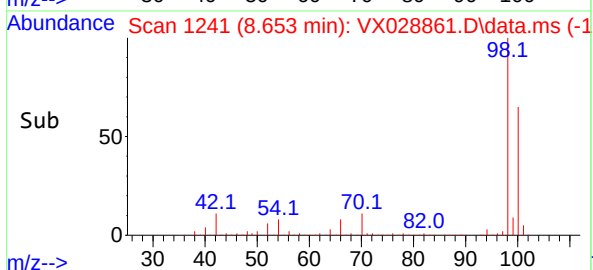
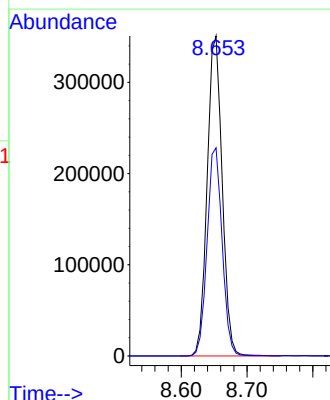
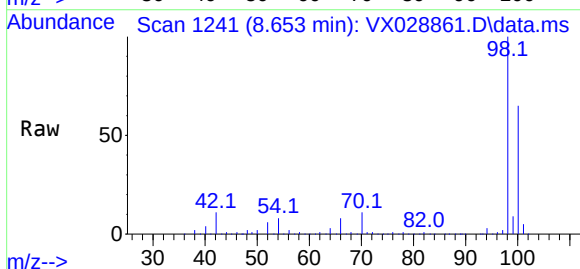
Acq: 20 May 2022 19:16

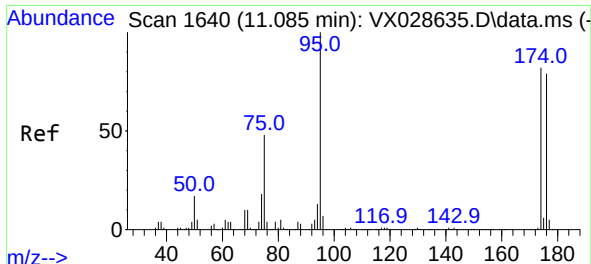
Tgt Ion: 98 Resp: 555840

Ion Ratio Lower Upper

98 100

100 65.4 52.6 78.8

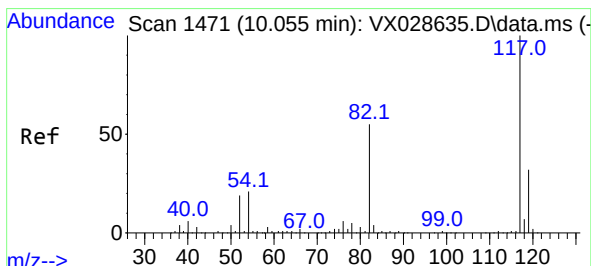
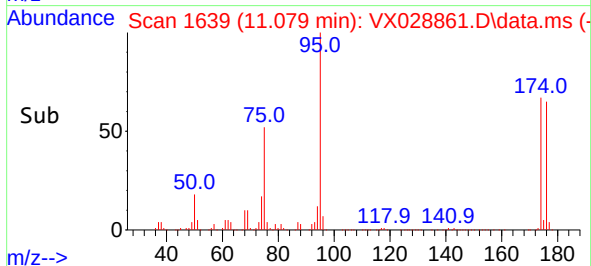
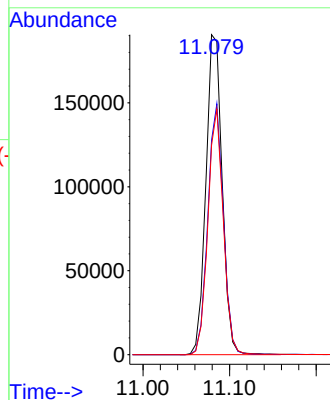
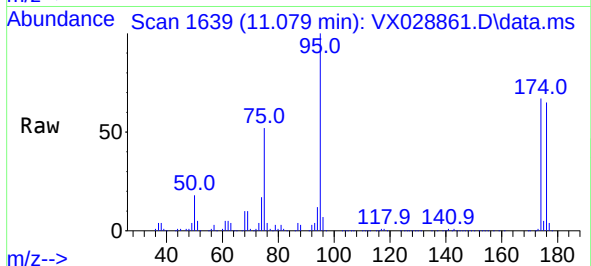




#62
4-Bromofluorobenzene
Concen: 57.045 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028861.D
Acq: 20 May 2022 19:16

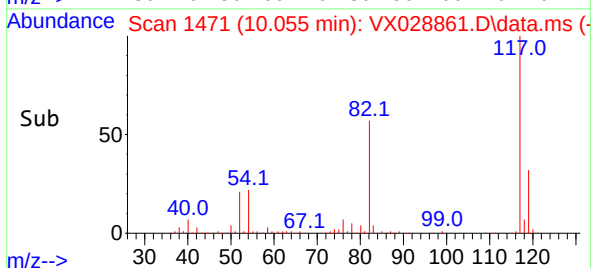
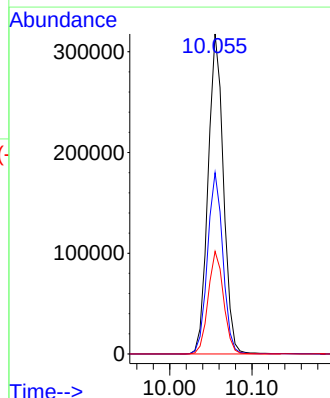
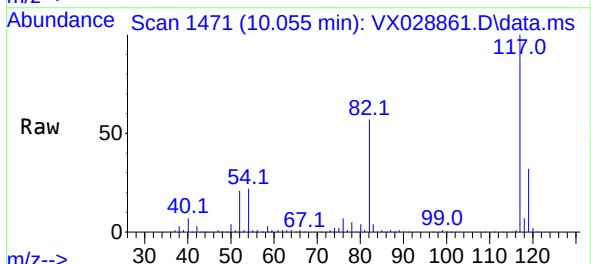
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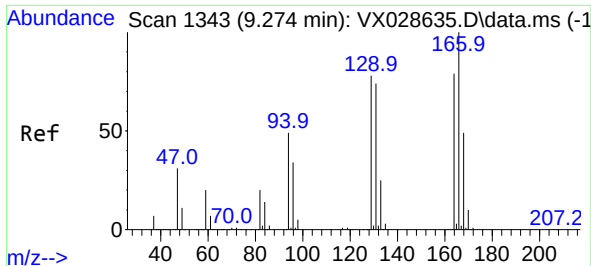
Tgt Ion: 95 Resp: 248793
Ion Ratio Lower Upper
95 100
174 75.1 0.0 163.0
176 72.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028861.D
Acq: 20 May 2022 19:16

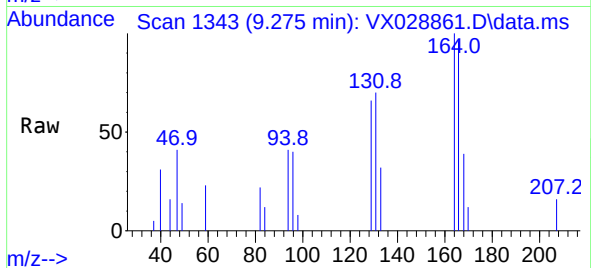
Tgt Ion: 117 Resp: 413214
Ion Ratio Lower Upper
117 100
82 56.7 41.8 62.8
119 32.0 24.8 37.2



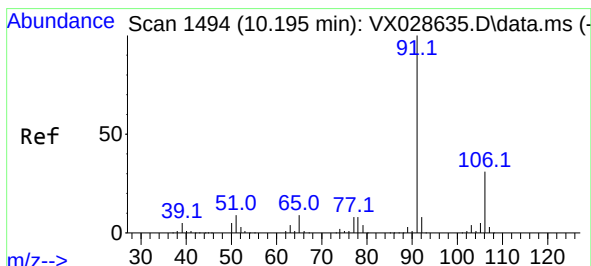
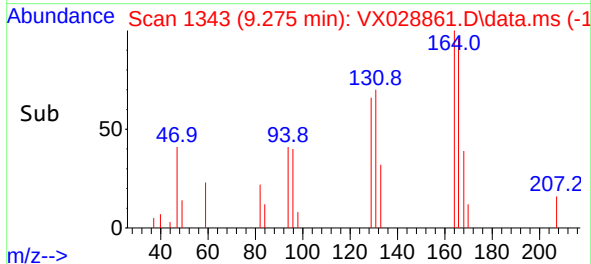
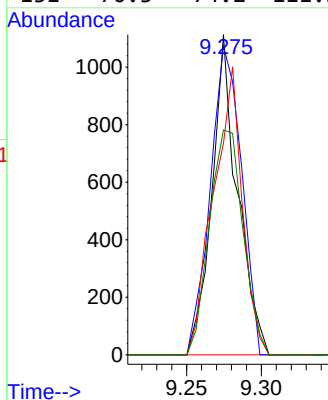


#64
Tetrachloroethene
Concen: 0.428 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX028861.D
Acq: 20 May 2022 19:16

Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20220516

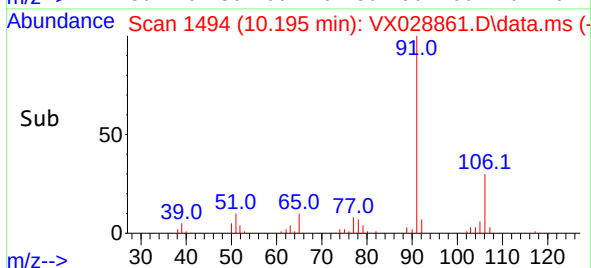
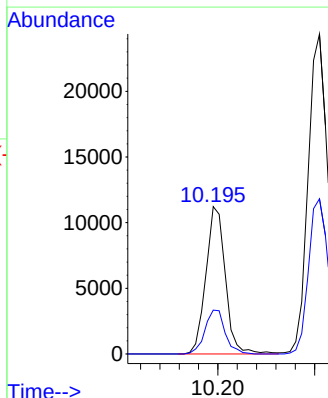
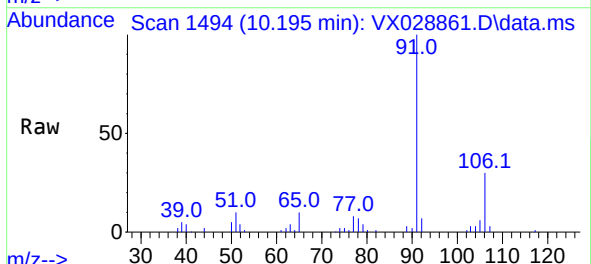


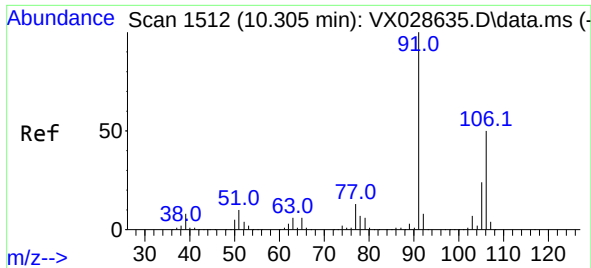
Tgt Ion:164 Resp: 1334
Ion Ratio Lower Upper
164 100
166 96.4 101.2 151.8#
129 66.1 73.0 109.4#
131 70.3 74.2 111.2#



#67
Ethyl Benzene
Concen: 1.002 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028861.D
Acq: 20 May 2022 19:16

Tgt Ion: 91 Resp: 15751
Ion Ratio Lower Upper
91 100
106 29.8 24.6 36.8

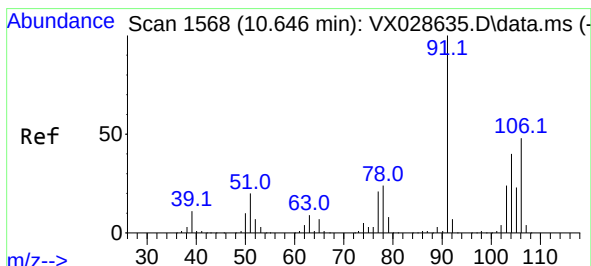
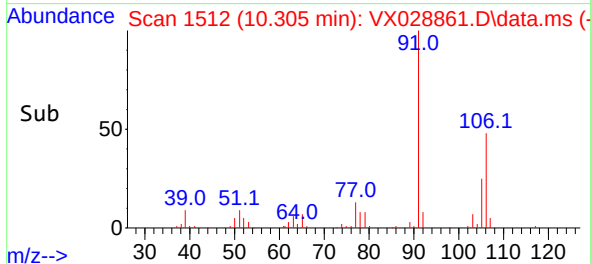
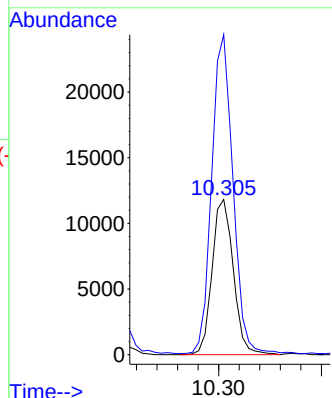
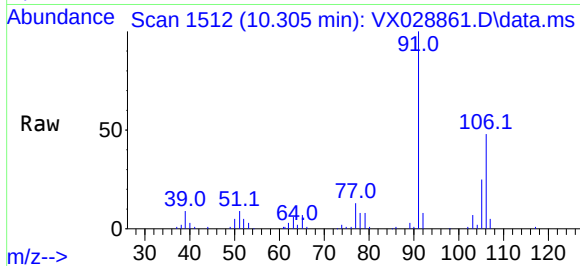




#68
m/p-Xylenes
Concen: 2.769 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX028861.D
Acq: 20 May 2022 19:16

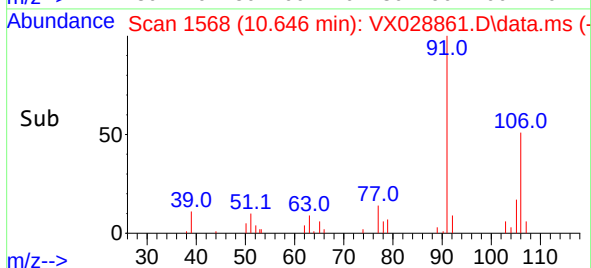
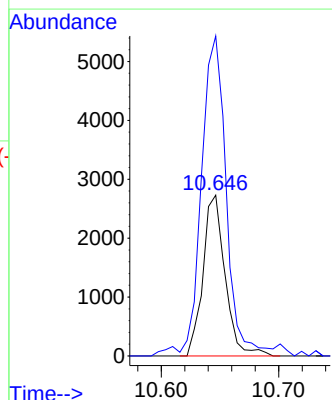
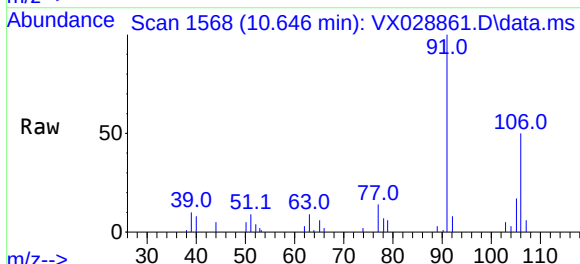
Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20220516

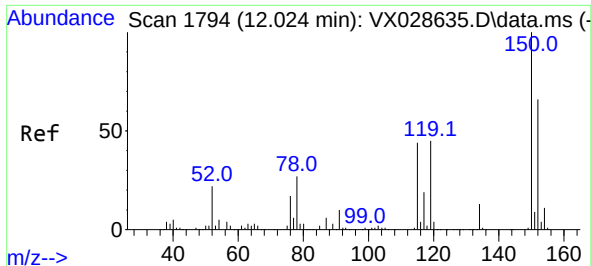
Tgt Ion:106 Resp: 16936
Ion Ratio Lower Upper
106 100
91 206.5 160.4 240.6



#69
o-Xylene
Concen: 0.593 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX028861.D
Acq: 20 May 2022 19:16

Tgt Ion:106 Resp: 3571
Ion Ratio Lower Upper
106 100
91 224.6 106.1 318.1

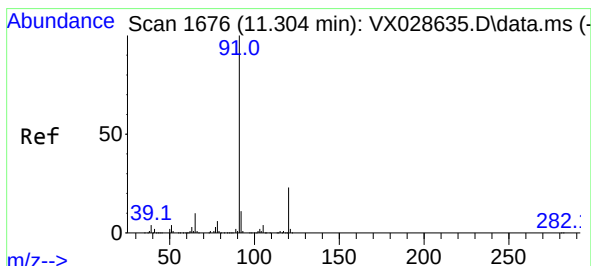
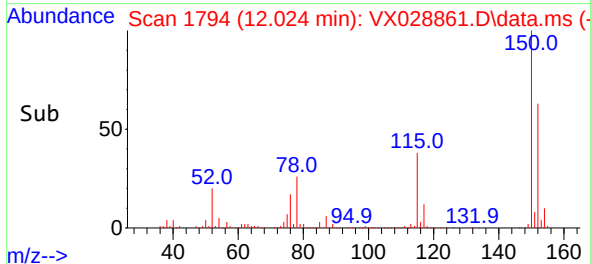
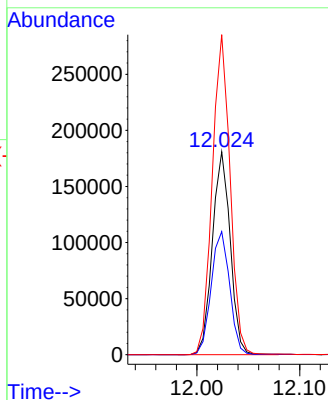
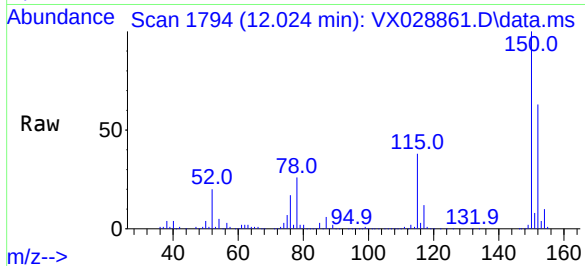




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028861.D
Acq: 20 May 2022 19:16

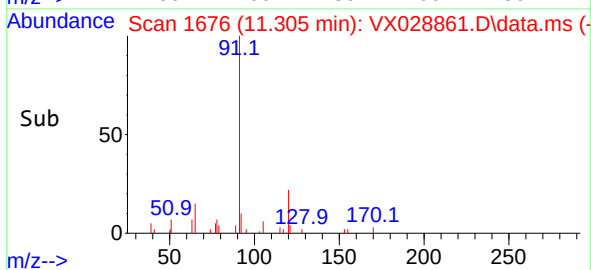
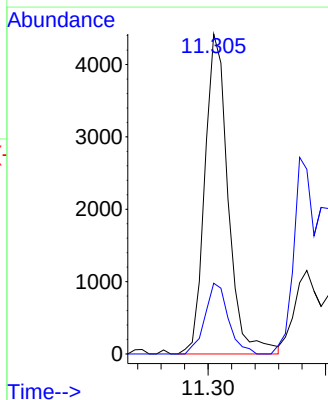
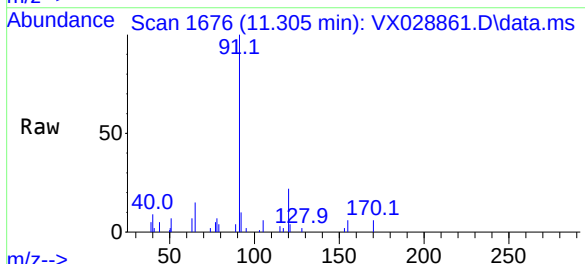
Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20220516

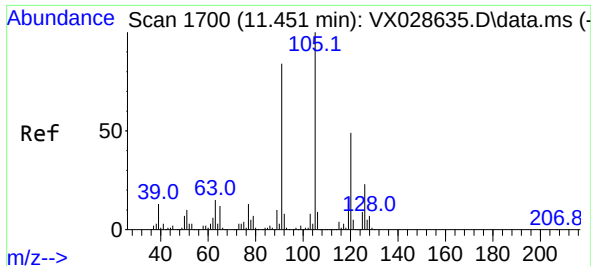
Tgt Ion:152 Resp: 217907
Ion Ratio Lower Upper
152 100
115 62.8 37.5 112.7
150 157.7 0.0 338.2



#78
n-propylbenzene
Concen: 0.319 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX028861.D
Acq: 20 May 2022 19:16

Tgt Ion: 91 Resp: 6104
Ion Ratio Lower Upper
91 100
120 22.1 11.6 34.8

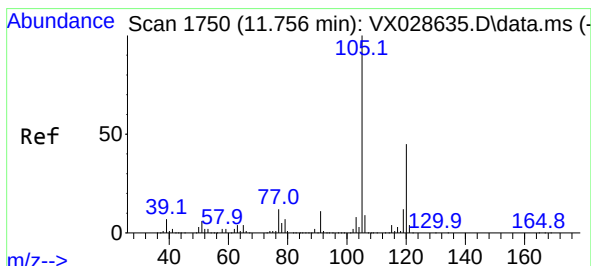
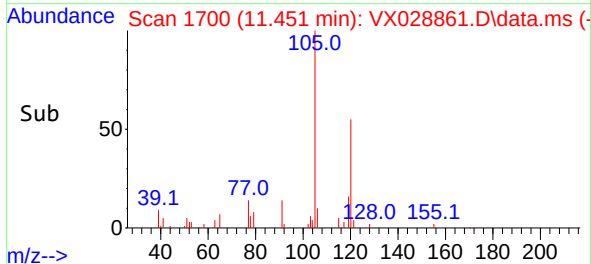
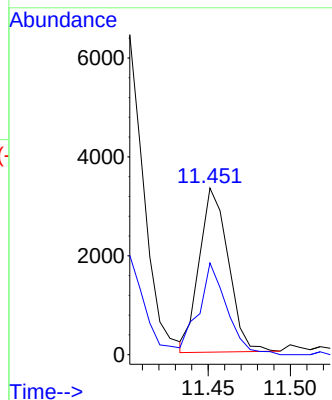
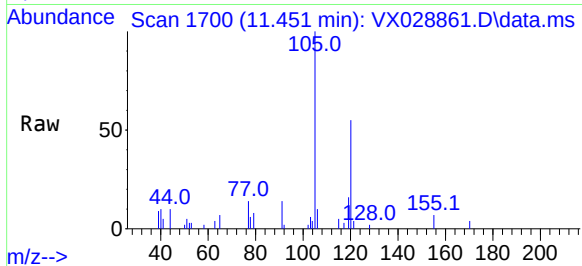




#80
1,3,5-Trimethylbenzene
Concen: 0.296 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028861.D
Acq: 20 May 2022 19:16

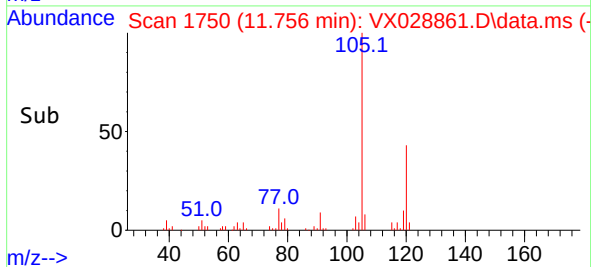
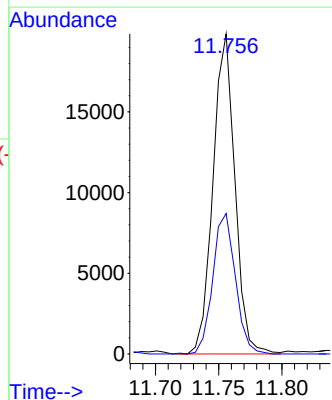
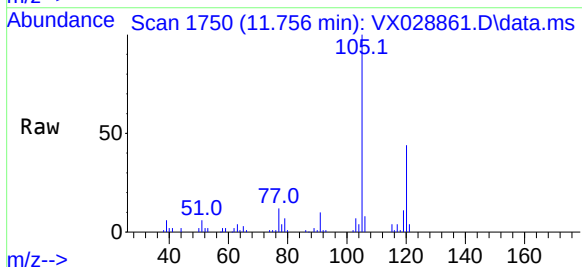
Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20220516

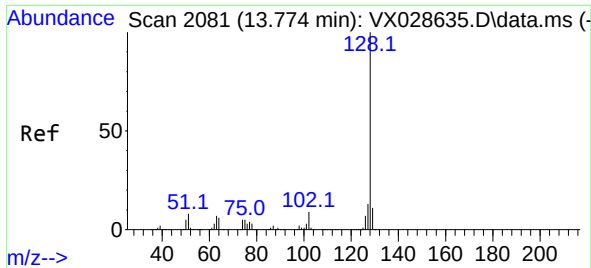
Tgt Ion:105 Resp: 4074
Ion Ratio Lower Upper
105 100
120 54.1 24.3 72.9



#84
1,2,4-Trimethylbenzene
Concen: 1.729 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028861.D
Acq: 20 May 2022 19:16

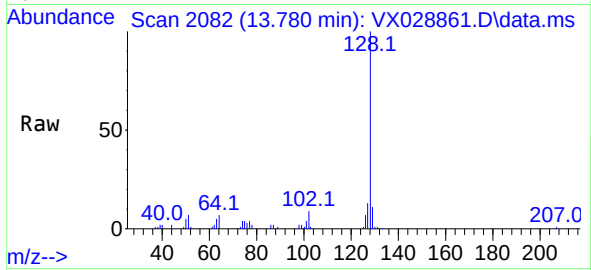
Tgt Ion:105 Resp: 23871
Ion Ratio Lower Upper
105 100
120 45.3 22.6 67.8





#95
Naphthalene
Concen: 1.247 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX028861.D
Acq: 20 May 2022 19:16

Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20220516



Tgt Ion:128 Resp: 19302
Ion Ratio Lower Upper
128 100
127 12.2 10.2 15.4
129 11.2 8.7 13.1

