

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020222\
 Data File : VX026740.D
 Acq On : 02 Feb 2022 16:33
 Operator : JC/MD
 Sample : N1380-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EFF0222

Quant Time: Feb 03 03:08:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

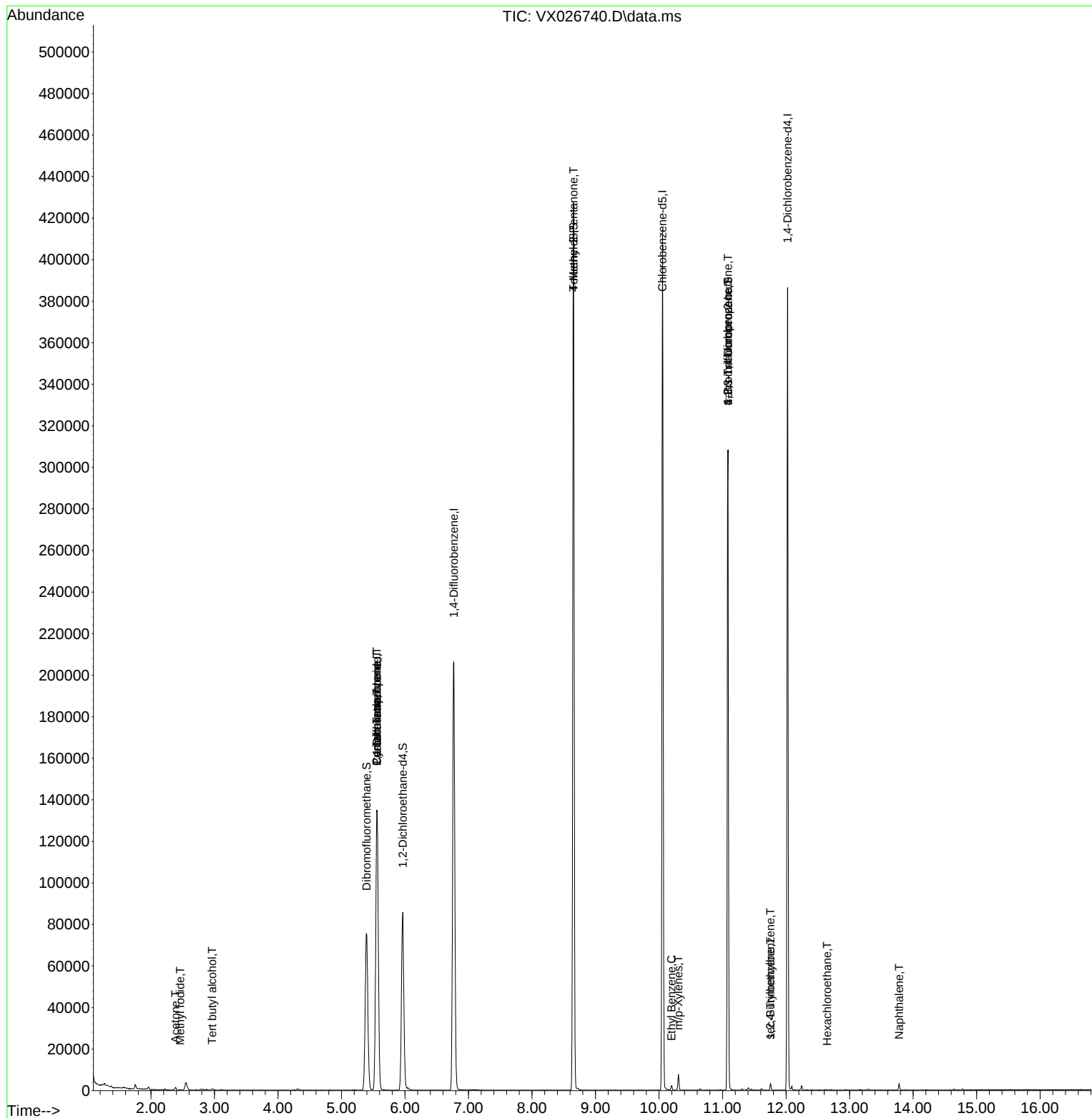
Internal Standards						
1) Pentafluorobenzene	5.556	168	130155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	215693	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77132	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	81000	44.550	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.100%
35) Dibromofluoromethane	5.397	113	67403	48.391	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.780%
50) Toluene-d8	8.653	98	246537	49.117	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.240%
62) 4-Bromofluorobenzene	11.085	95	85930	48.193	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.380%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.459	142	164	4.543	ug/l #	70
11) Tert butyl alcohol	2.965	59	848	3.353	ug/l #	75
16) Acetone	2.385	43	1472	1.588	ug/l	95
31) Cyclohexane	5.556	56	2558	0.954	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9701	4.412	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13226	5.848	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1093	0.513	ug/l #	1
67) Ethyl Benzene	10.195	91	1685	0.234	ug/l	94
68) m/p-Xylenes	10.305	106	1738	0.646	ug/l	97
76) 1,2,3-Trichloropropane	11.085	75	42226	24.864	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.085	75	42226	75.604	ug/l #	4
84) 1,2,4-Trimethylbenzene	11.756	105	1732	0.332	ug/l	100
85) sec-Butylbenzene	11.756	105	1732	0.275	ug/l #	56
90) Hexachloroethane	12.646	117	44	2.225	ug/l #	14
95) Naphthalene	13.780	128	2250	0.410	ug/l	98

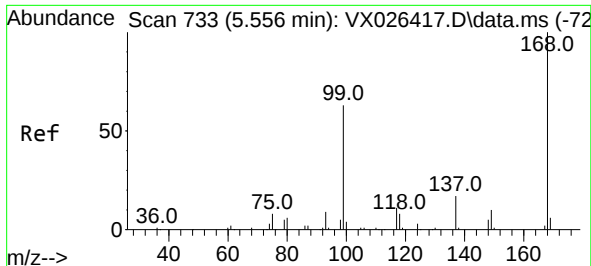
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 03 03:08:03 2022
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Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration

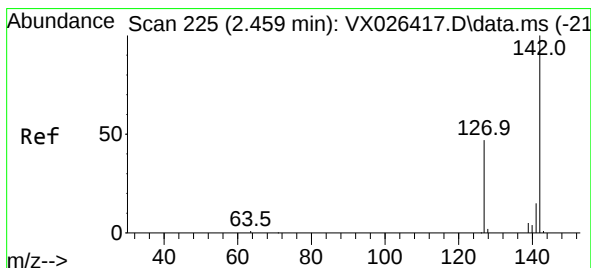
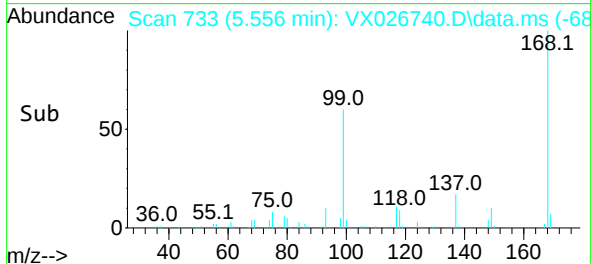
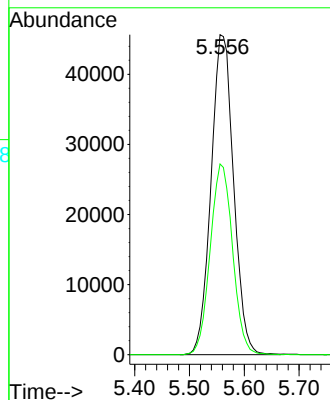
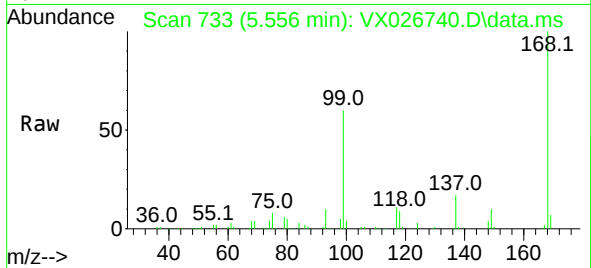




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX026740.D
Acq: 02 Feb 2022 16:33

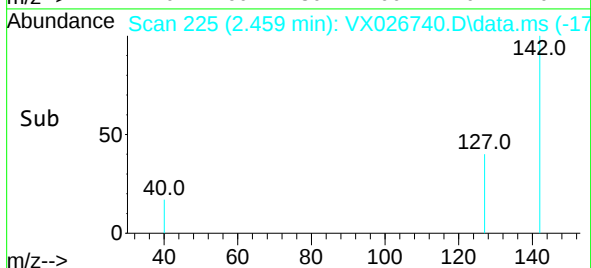
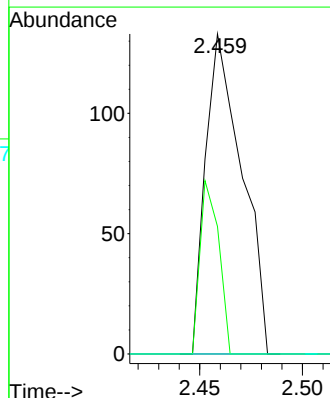
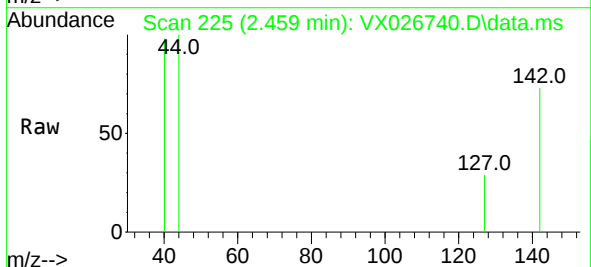
Instrument :
MSVOA_X
ClientSampleId :
EFF0222

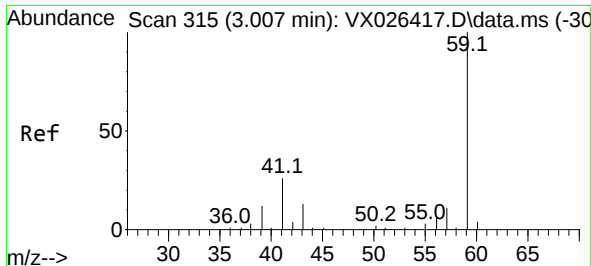
Tgt Ion:168 Resp: 130155
Ion Ratio Lower Upper
168 100
99 59.6 50.3 75.5



#10
Methyl Iodide
Concen: 4.543 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX026740.D
Acq: 02 Feb 2022 16:33

Tgt Ion:142 Resp: 164
Ion Ratio Lower Upper
142 100
127 28.0 38.1 57.1#
141 0.0 11.2 16.8#

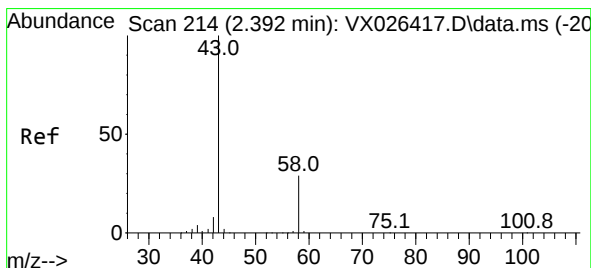
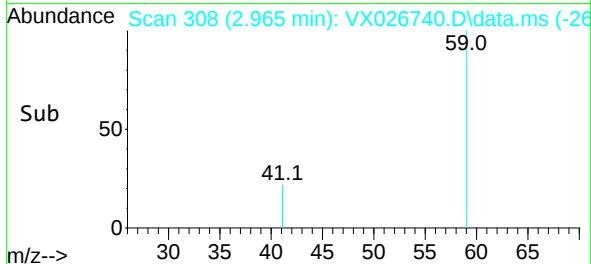
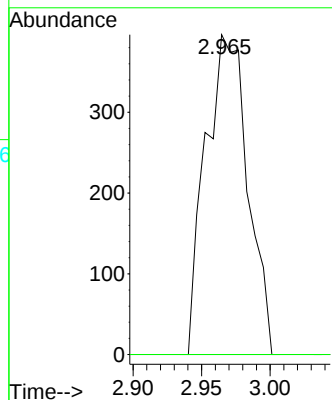
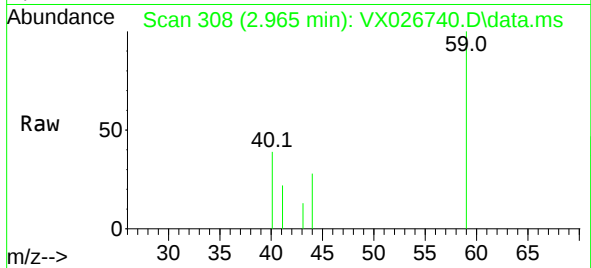




#11
Tert butyl alcohol
Concen: 3.353 ug/l
RT: 2.965 min Scan# 30
Delta R.T. -0.042 min
Lab File: VX026740.D
Acq: 02 Feb 2022 16:33

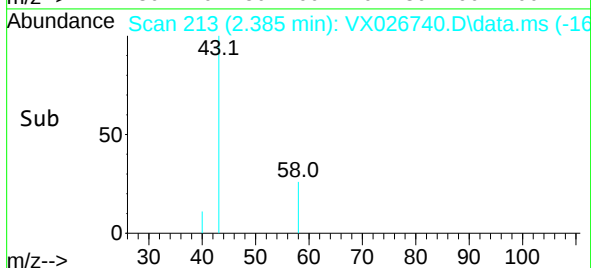
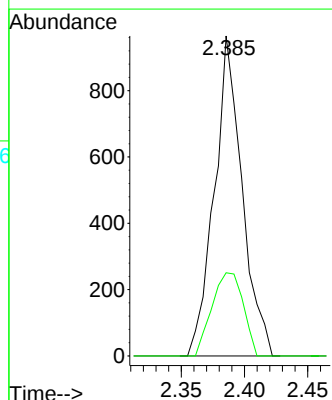
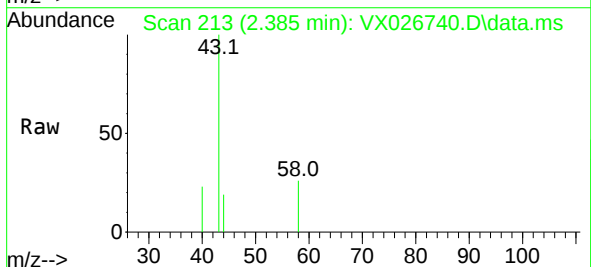
Instrument :
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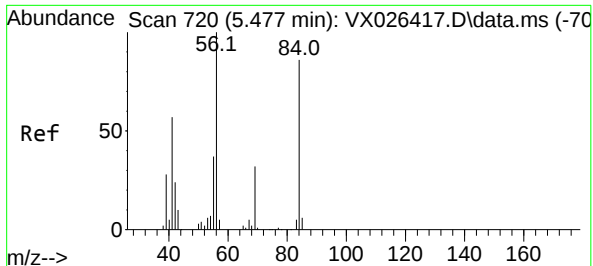
Tgt Ion: 59 Resp: 848
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



#16
Acetone
Concen: 1.588 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026740.D
Acq: 02 Feb 2022 16:33

Tgt Ion: 43 Resp: 1472
Ion Ratio Lower Upper
43 100
58 26.0 23.0 34.6

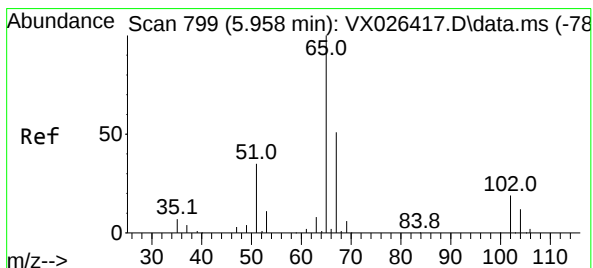
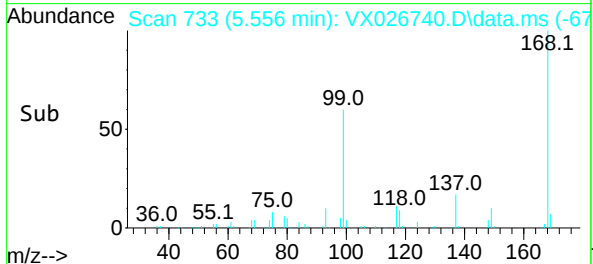
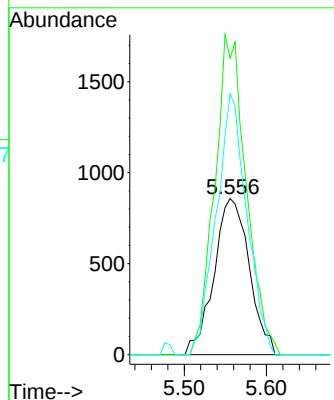
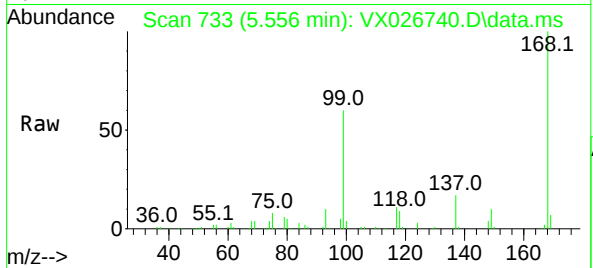




#31
Cyclohexane
Concen: 0.954 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX026740.D
Acq: 02 Feb 2022 16:33

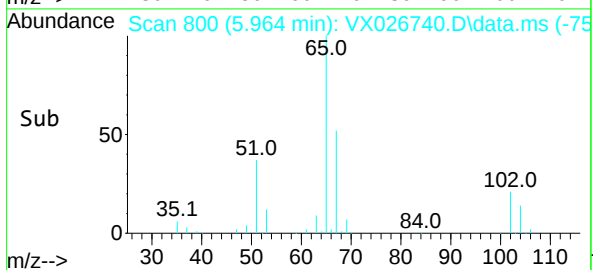
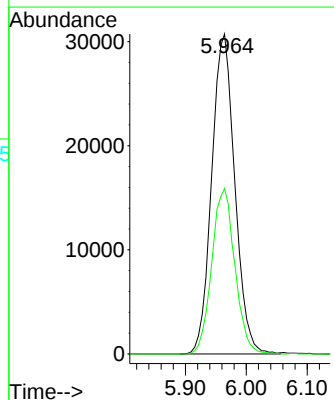
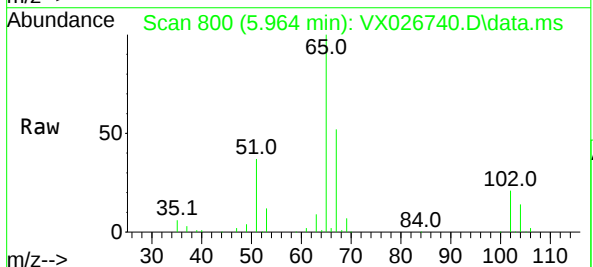
Instrument :
MSVOA_X
ClientSampleId :
EFF0222

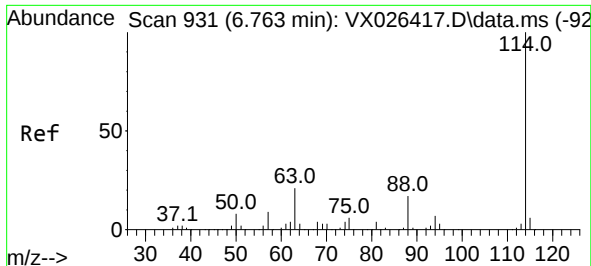
Tgt Ion: 56 Resp: 2558
Ion Ratio Lower Upper
56 100
69 189.9 25.8 38.6#
84 167.0 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 44.550 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX026740.D
Acq: 02 Feb 2022 16:33

Tgt Ion: 65 Resp: 81000
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.8

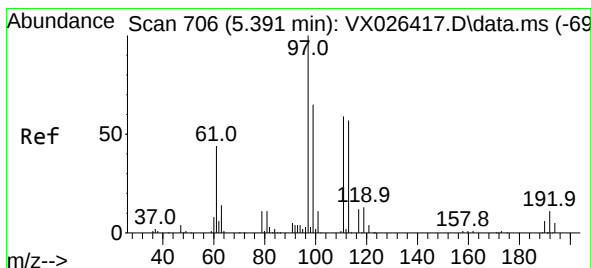
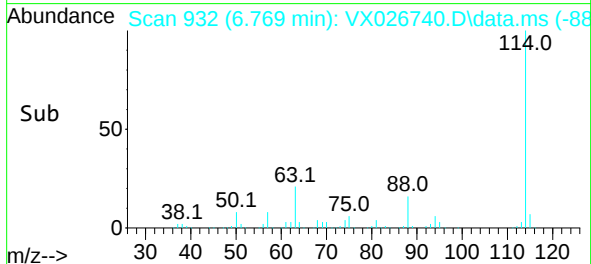
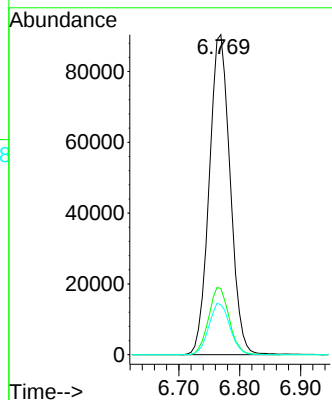
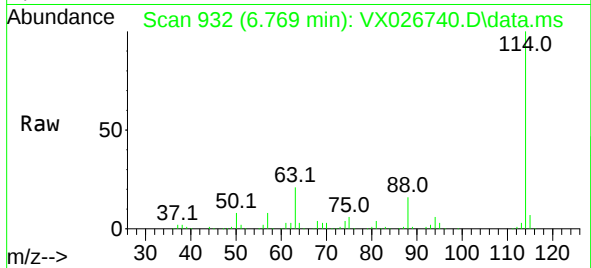




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX026740.D
Acq: 02 Feb 2022 16:33

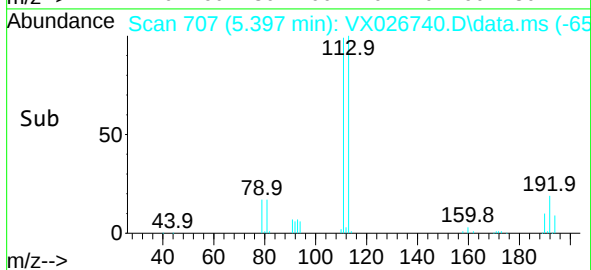
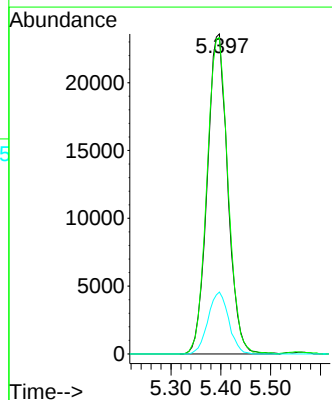
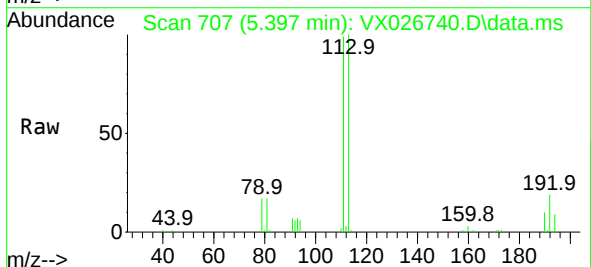
Instrument :
MSVOA_X
ClientSampleId :
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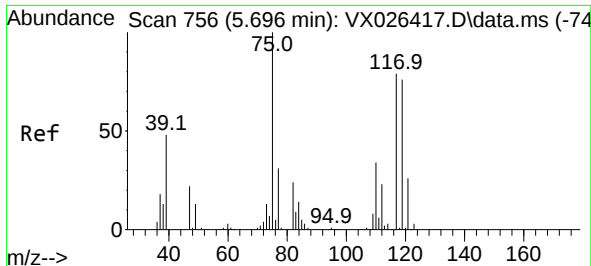
Tgt Ion:114 Resp: 215693
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.8
88 15.6 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.391 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX026740.D
Acq: 02 Feb 2022 16:33

Tgt Ion:113 Resp: 67403
Ion Ratio Lower Upper
113 100
111 101.6 81.2 121.8
192 19.5 15.0 22.4

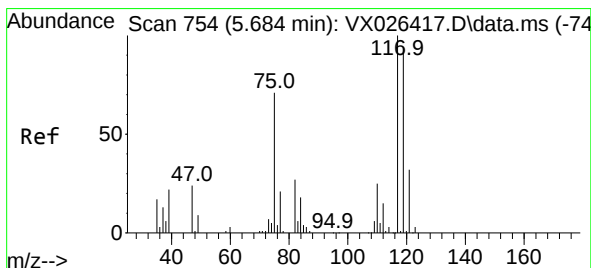
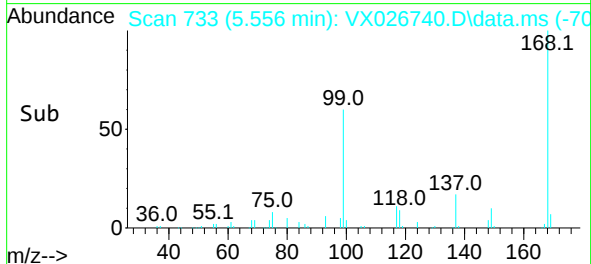
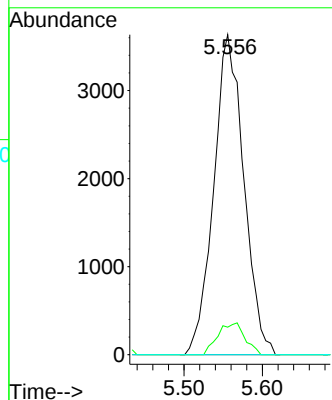
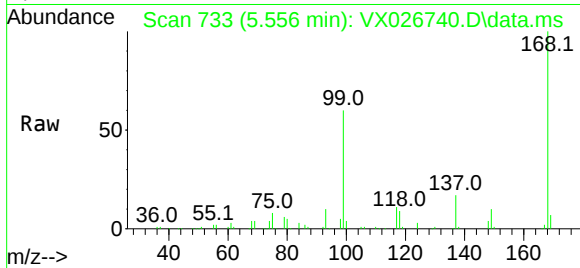




#36
1,1-Dichloropropene
Concen: 4.412 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX026740.D
Acq: 02 Feb 2022 16:33

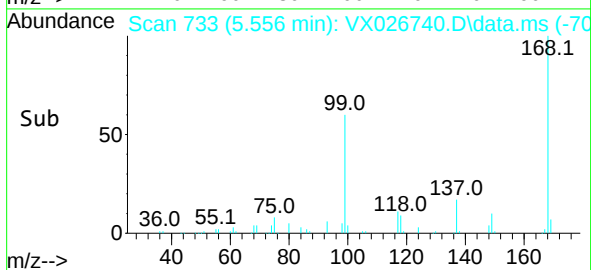
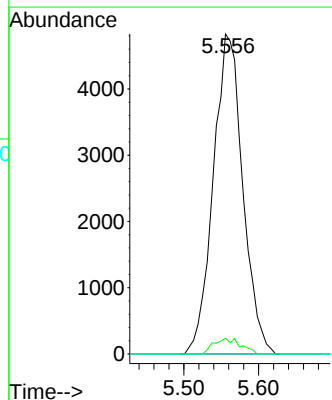
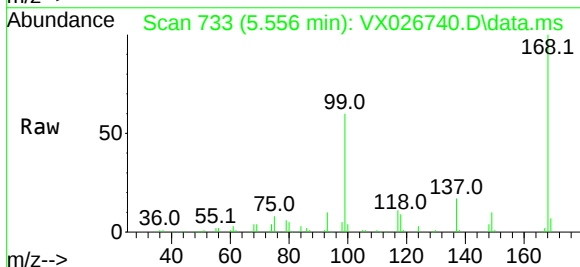
Instrument :
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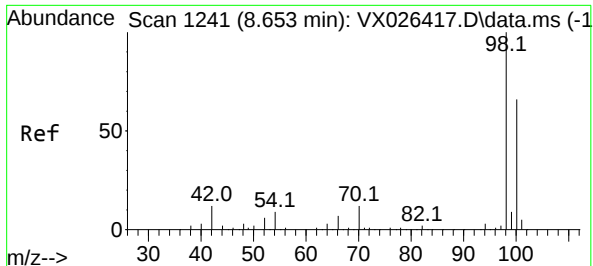
Tgt Ion: 75 Resp: 9701
Ion Ratio Lower Upper
75 100
110 8.9 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.848 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026740.D
Acq: 02 Feb 2022 16:33

Tgt Ion: 117 Resp: 13226
Ion Ratio Lower Upper
117 100
119 4.9 74.7 112.1#
121 0.0 25.4 38.0#

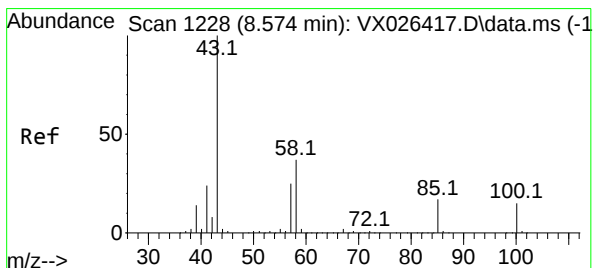
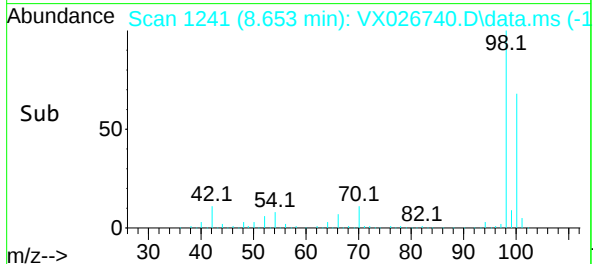
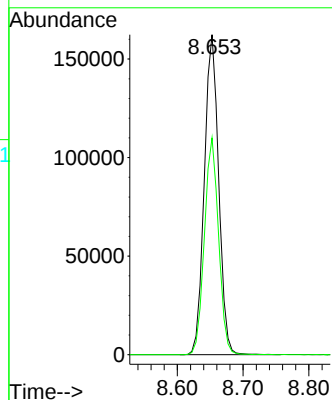
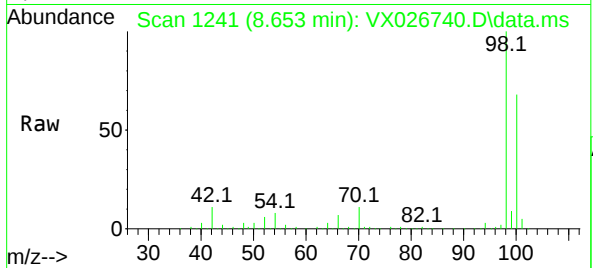




#50
Toluene-d8
Concen: 49.117 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026740.D
Acq: 02 Feb 2022 16:33

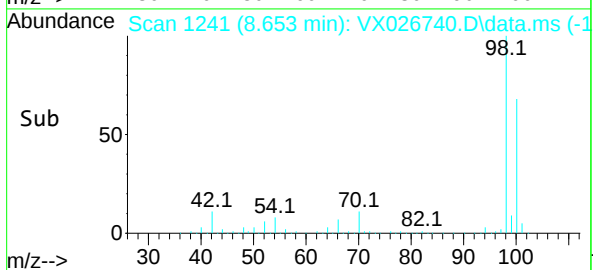
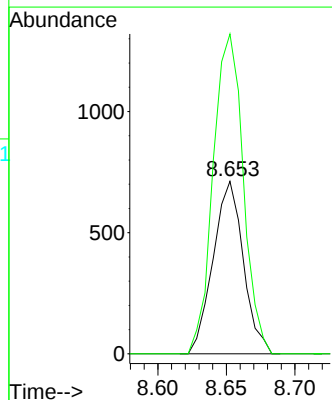
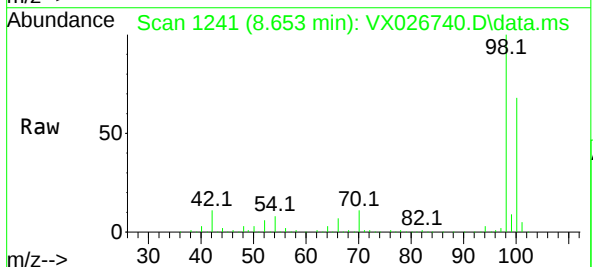
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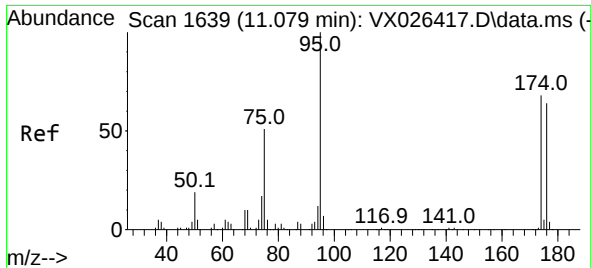
Tgt Ion: 98 Resp: 246537
Ion Ratio Lower Upper
98 100
100 66.9 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.513 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX026740.D
Acq: 02 Feb 2022 16:33

Tgt Ion: 43 Resp: 1093
Ion Ratio Lower Upper
43 100
58 184.4 30.5 45.7#

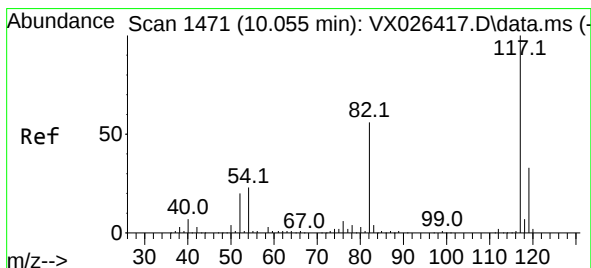
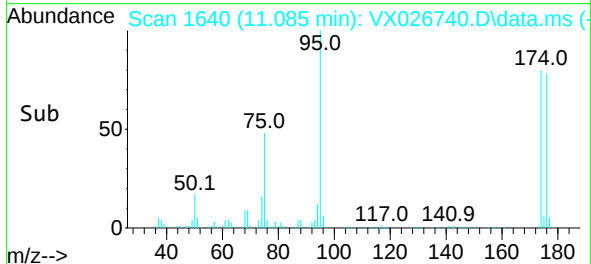
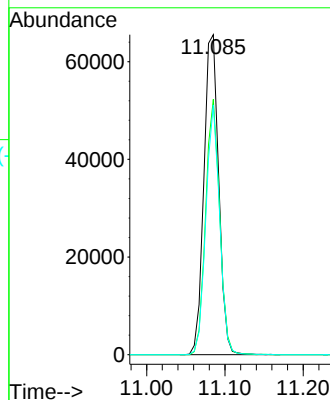
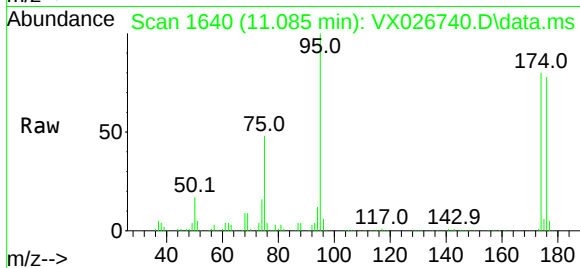




#62
4-Bromofluorobenzene
Concen: 48.193 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX026740.D
Acq: 02 Feb 2022 16:33

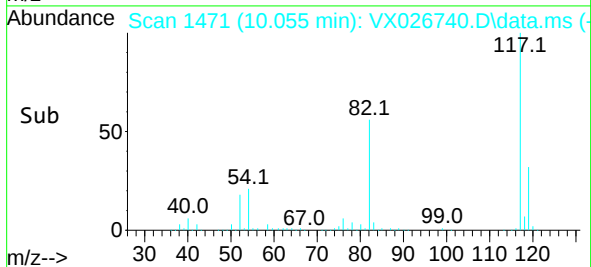
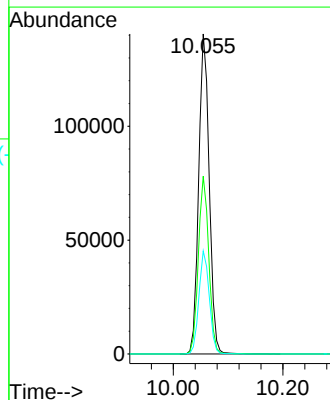
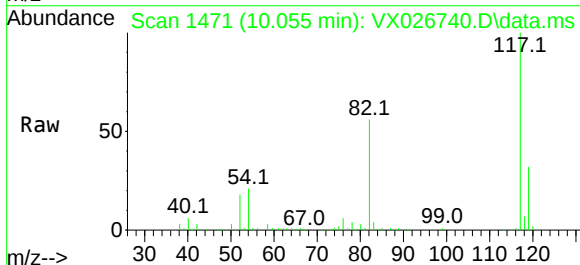
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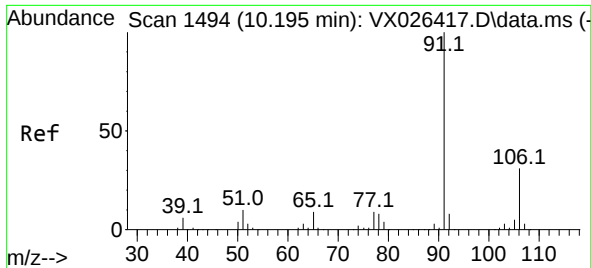
Tgt Ion: 95 Resp: 85930
Ion Ratio Lower Upper
95 100
174 75.3 0.0 148.6
176 72.6 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026740.D
Acq: 02 Feb 2022 16:33

Tgt Ion: 117 Resp: 187982
Ion Ratio Lower Upper
117 100
82 55.5 45.2 67.8
119 32.2 26.2 39.2

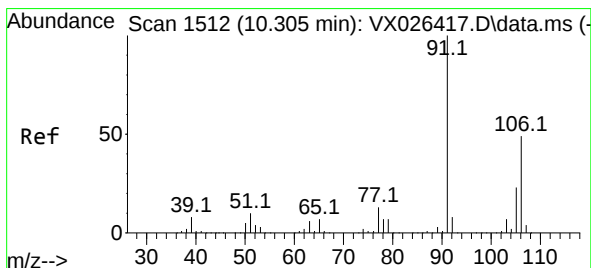
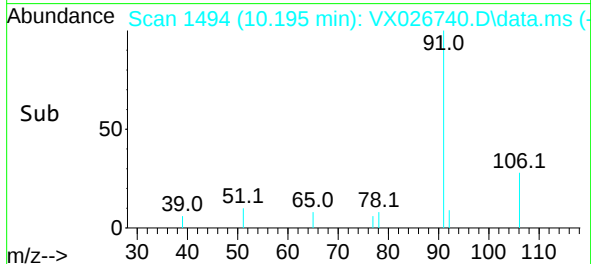
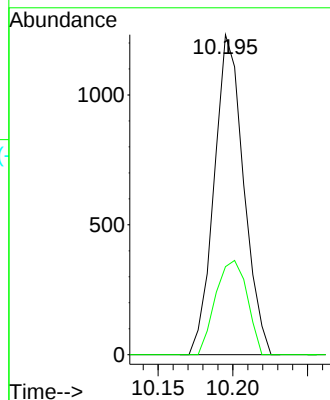
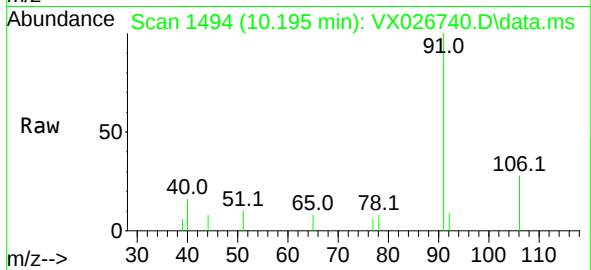




#67
Ethyl Benzene
Concen: 0.234 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX026740.D
Acq: 02 Feb 2022 16:33

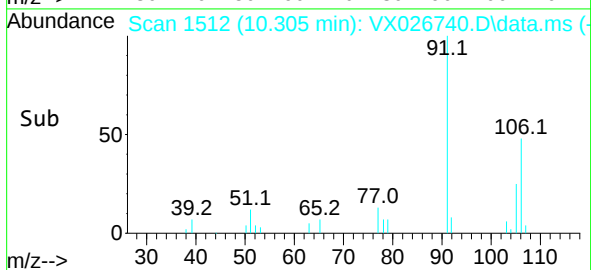
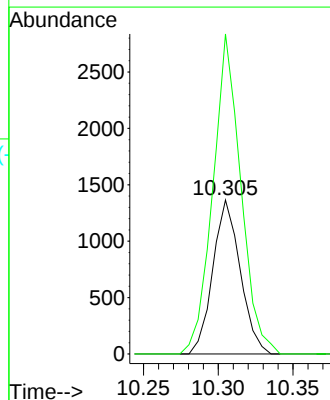
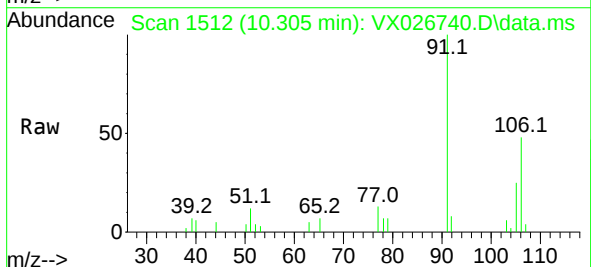
Instrument :
MSVOA_X
ClientSampleId :
EFF0222

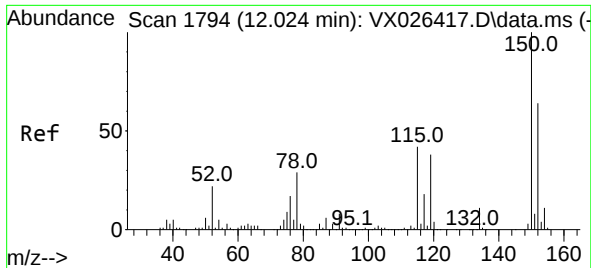
Tgt Ion: 91 Resp: 1685
Ion Ratio Lower Upper
91 100
106 27.5 24.7 37.1



#68
m/p-Xylenes
Concen: 0.646 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX026740.D
Acq: 02 Feb 2022 16:33

Tgt Ion: 106 Resp: 1738
Ion Ratio Lower Upper
106 100
91 211.7 165.3 247.9

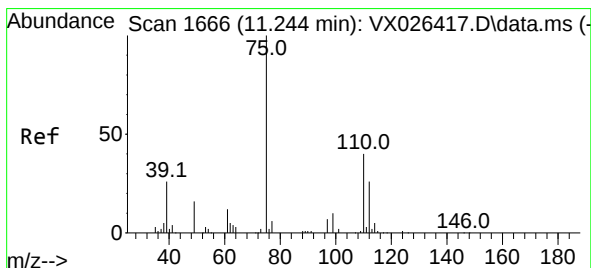
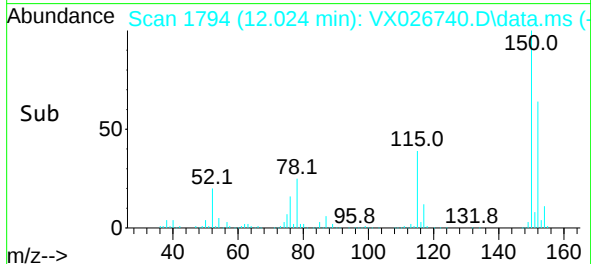
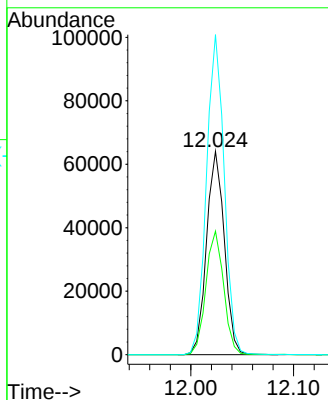
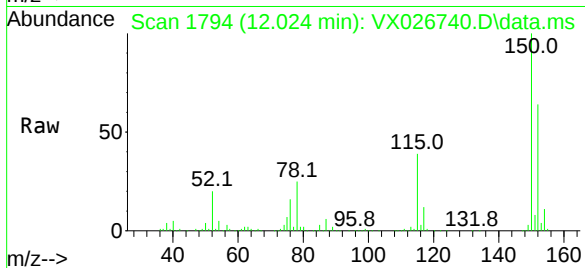




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX026740.D
 Acq: 02 Feb 2022 16:33

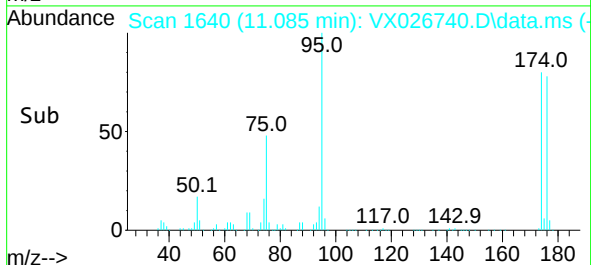
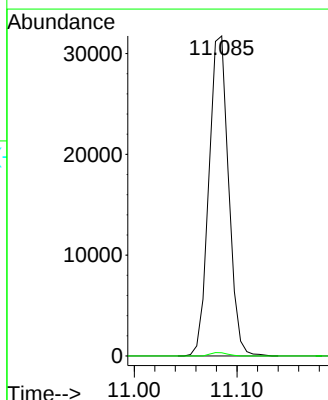
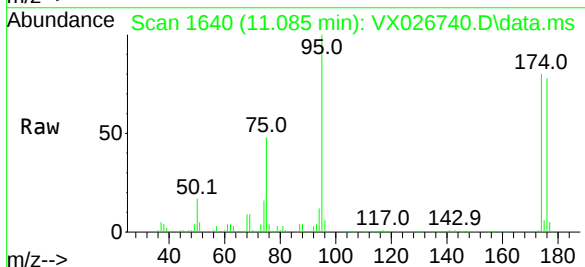
Instrument :
 MSVOA_X
 ClientSampleId :
 EFF0222

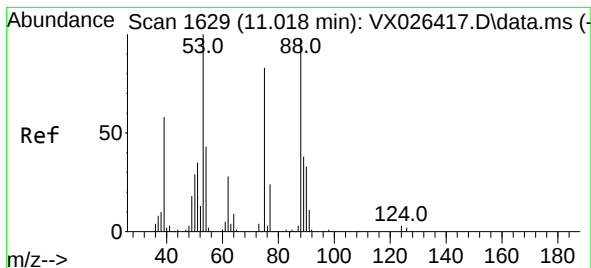
Tgt Ion:152 Resp: 77132
 Ion Ratio Lower Upper
 152 100
 115 60.7 44.2 132.6
 150 156.8 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 24.864 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX026740.D
 Acq: 02 Feb 2022 16:33

Tgt Ion: 75 Resp: 42226
 Ion Ratio Lower Upper
 75 100
 77 0.9 18.3 54.8#

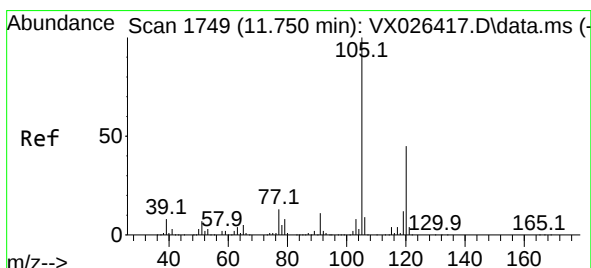
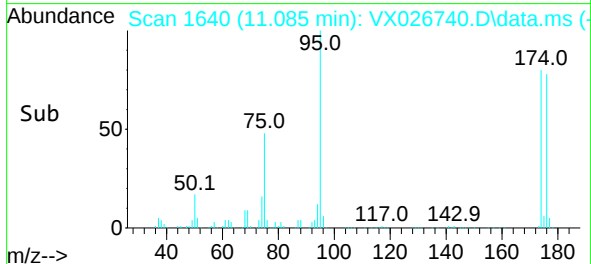
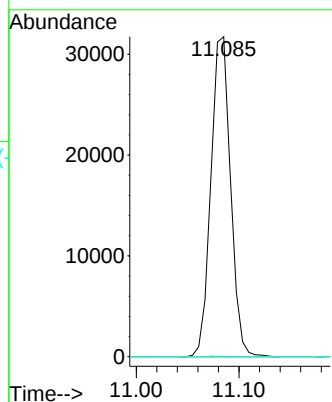
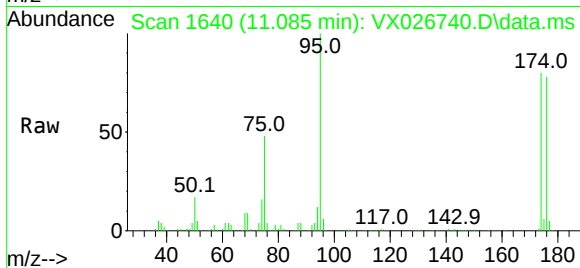




#81
trans-1,4-Dichloro-2-butene
Concen: 75.604 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX026740.D
Acq: 02 Feb 2022 16:33

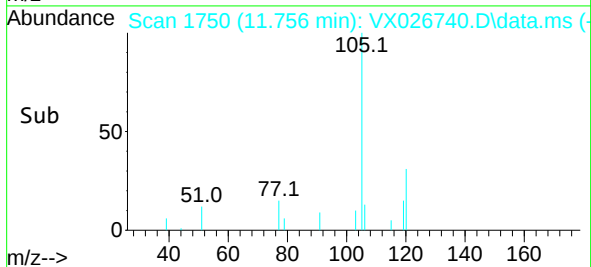
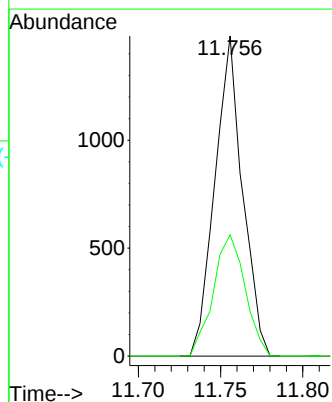
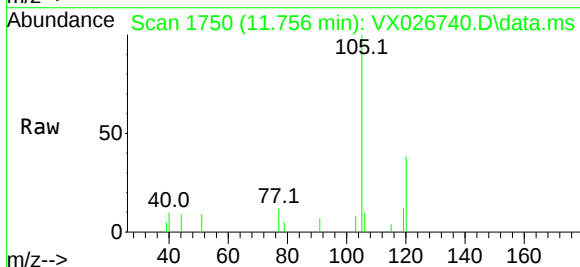
Instrument :
MSVOA_X
ClientSampleId :
EFF0222

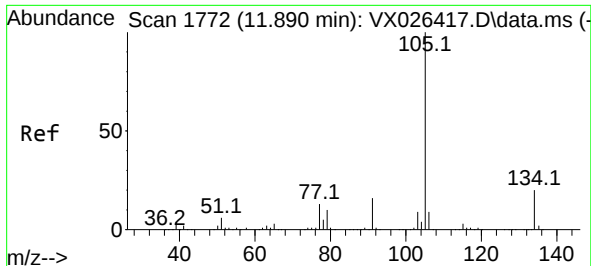
Tgt Ion: 75 Resp: 42226
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 0.332 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX026740.D
Acq: 02 Feb 2022 16:33

Tgt Ion: 105 Resp: 1732
Ion Ratio Lower Upper
105 100
120 43.6 21.9 65.5

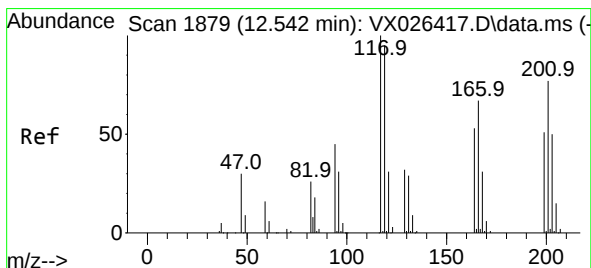
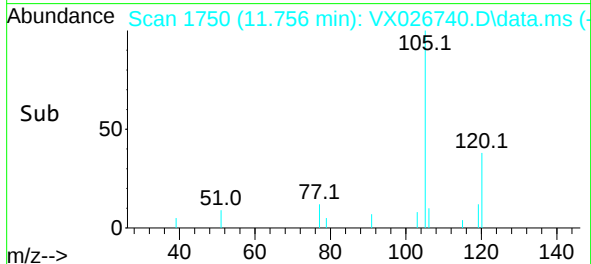
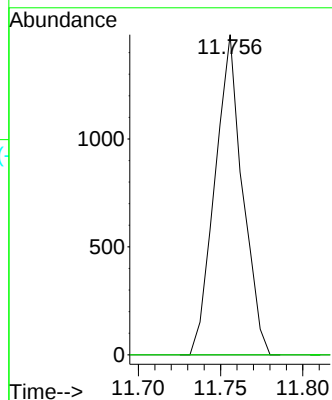
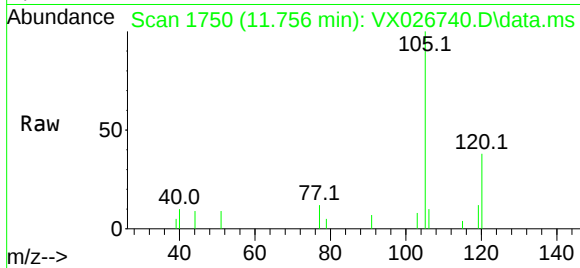




#85
 sec-Butylbenzene
 Concen: 0.275 ug/l
 RT: 11.756 min Scan# 1732
 Delta R.T. -0.134 min
 Lab File: VX026740.D
 Acq: 02 Feb 2022 16:33

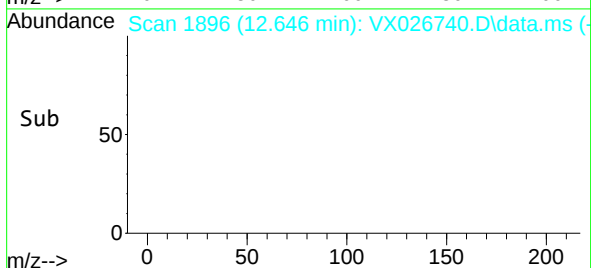
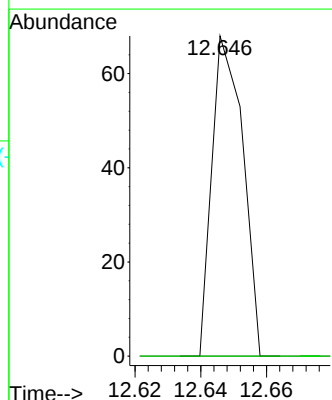
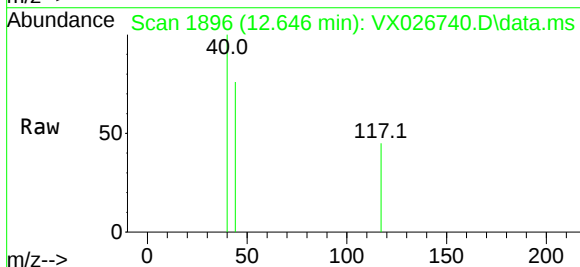
Instrument :
 MSVOA_X
 ClientSampleId :
 EFF0222

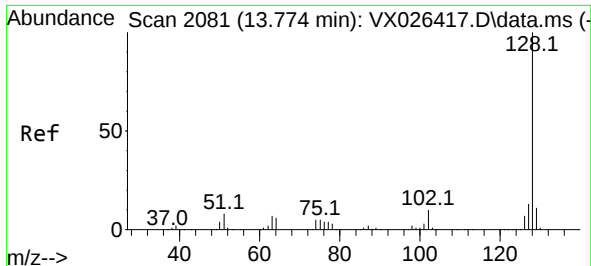
Tgt Ion:105 Resp: 1732
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.1#



#90
 Hexachloroethane
 Concen: 2.225 ug/l
 RT: 12.646 min Scan# 1896
 Delta R.T. 0.104 min
 Lab File: VX026740.D
 Acq: 02 Feb 2022 16:33

Tgt Ion:117 Resp: 44
 Ion Ratio Lower Upper
 117 100
 201 0.0 35.6 106.8#





#95

Naphthalene

Concen: 0.410 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX026740.D

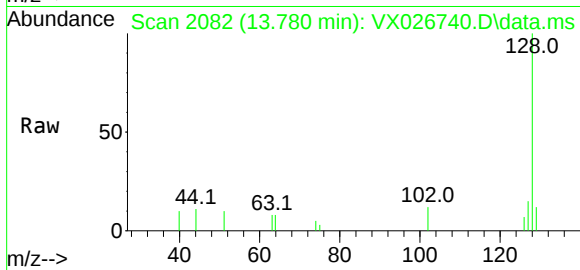
Acq: 02 Feb 2022 16:33

Instrument :

MSVOA_X

ClientSampleId :

EFF0222



Tgt Ion:128 Resp: 2250

Ion Ratio Lower Upper

128 100

127 13.9 10.3 15.5

129 11.2 8.7 13.1

