

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072722\
 Data File : VX030224.D
 Acq On : 27 Jul 2022 11:25
 Operator : JC/MD
 Sample : VX0727WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBL01

Quant Time: Jul 28 05:49:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

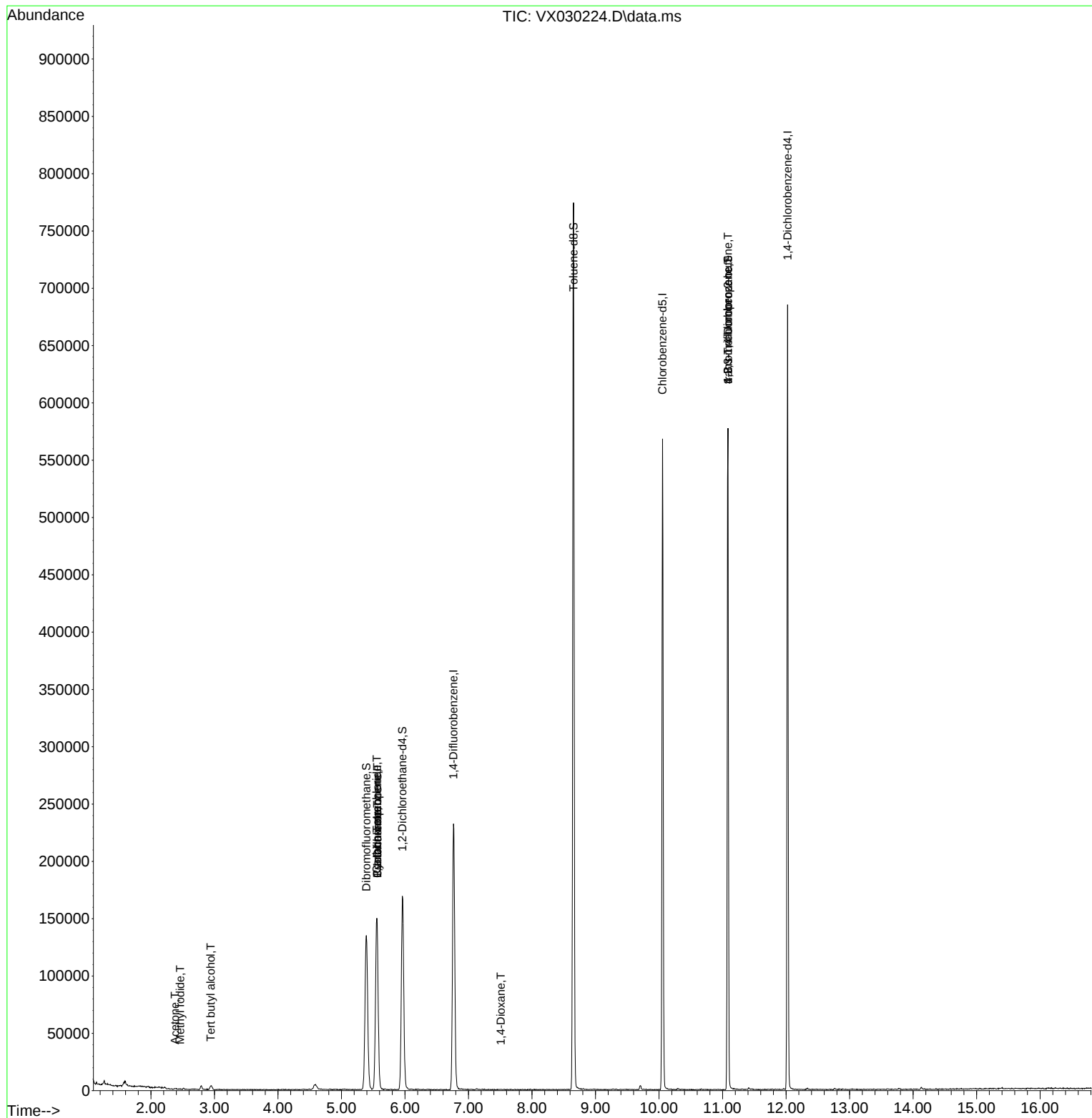
Internal Standards						
1) Pentafluorobenzene	5.562	168	140120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	240084	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	156615	55.610	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.220%			
35) Dibromofluoromethane	5.391	113	122817	53.513	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.020%			
50) Toluene-d8	8.653	98	455895	51.293	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.580%			
62) 4-Bromofluorobenzene	11.085	95	159994	48.504	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.000%			
Target Compounds						
5) Bromomethane	1.605	94	321	Below Cal	#	42
10) Methyl Iodide	2.459	142	324	1.669	ug/l #	89
11) Tert butyl alcohol	2.940	59	2401	3.495	ug/l #	74
16) Acetone	2.380	43	813	0.564	ug/l #	78
20) Methylene Chloride	2.794	84	1334	Below Cal	#	91
31) Cyclohexane	5.562	56	3239	0.792	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	12958	3.923	ug/l #	48
38) Carbon Tetrachloride	5.556	117	14949	4.848	ug/l #	17
49) 1,4-Dioxane	7.507	88	30	0.385	ug/l #	1
67) Ethyl Benzene	10.201	91	175	Below Cal	#	69
76) 1,2,3-Trichloropropane	11.085	75	80462	23.356	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	80462	70.066	ug/l #	13

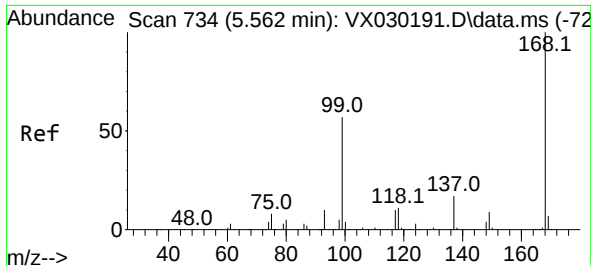
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072722\
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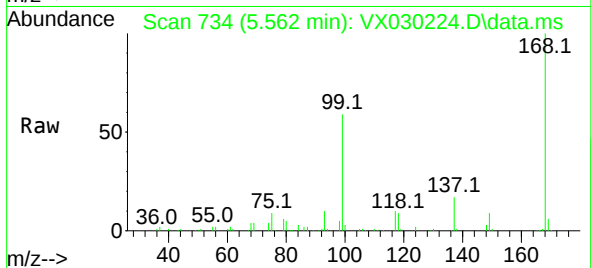
Quant Time: Jul 28 05:49:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 2022
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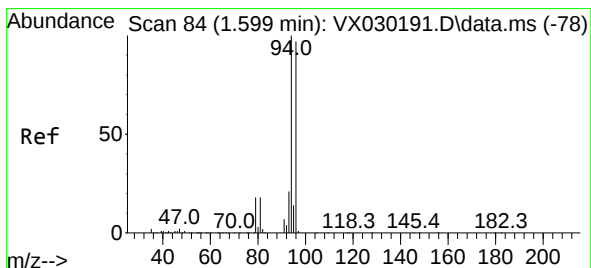
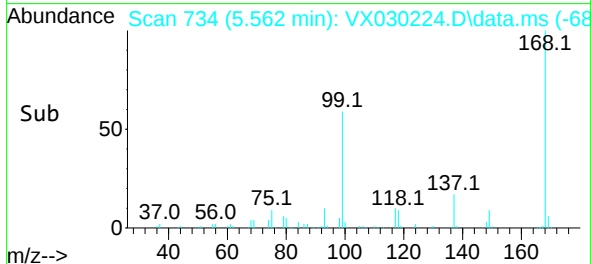
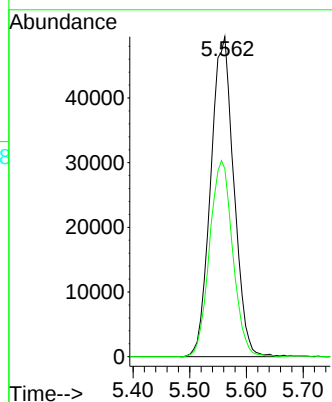


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030224.D
Acq: 27 Jul 2022 11:25

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBL01

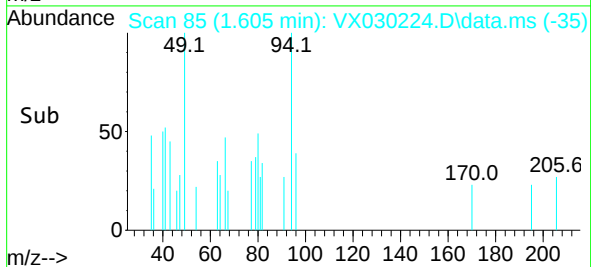
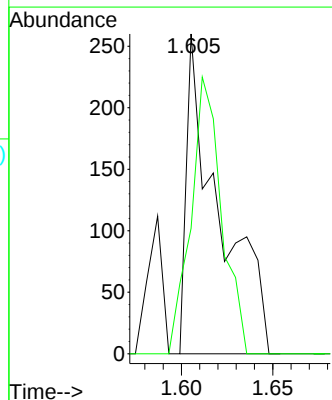
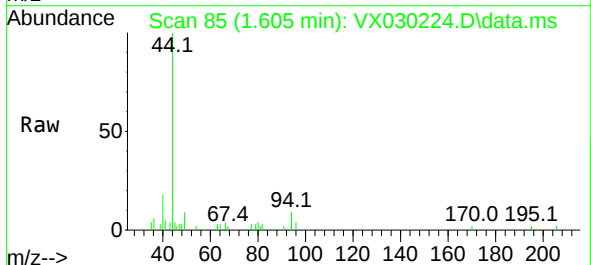


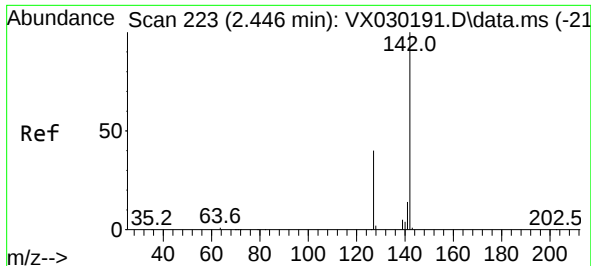
Tgt Ion:168 Resp: 140120
Ion Ratio Lower Upper
168 100
99 58.7 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX030224.D
Acq: 27 Jul 2022 11:25

Tgt Ion: 94 Resp: 321
Ion Ratio Lower Upper
94 100
96 39.2 76.9 115.3#

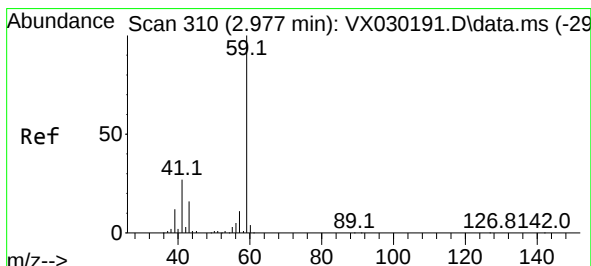
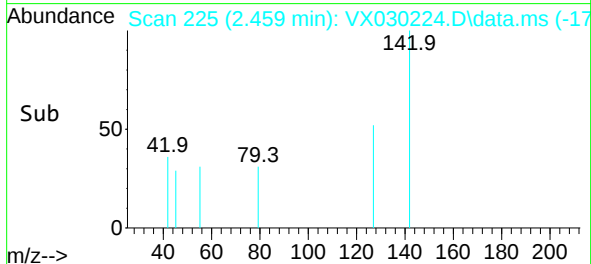
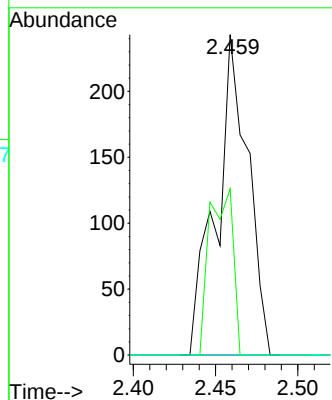
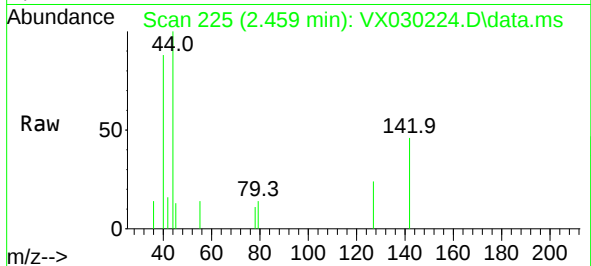




#10
Methyl Iodide
Concen: 1.669 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX030224.D
Acq: 27 Jul 2022 11:25

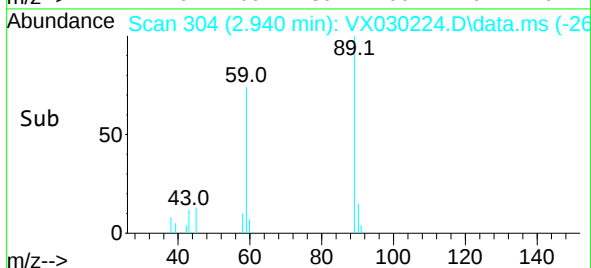
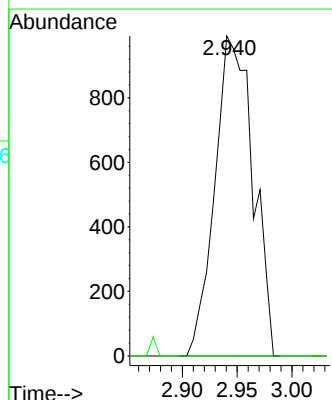
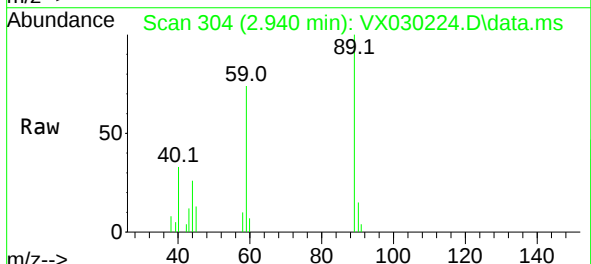
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBL01

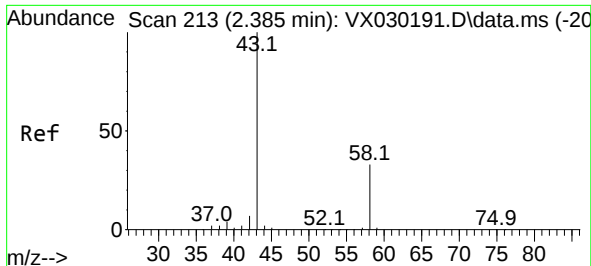
Tgt Ion:142 Resp: 324
Ion Ratio Lower Upper
142 100
127 38.9 30.2 45.2
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 3.495 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.037 min
Lab File: VX030224.D
Acq: 27 Jul 2022 11:25

Tgt Ion: 59 Resp: 2401
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

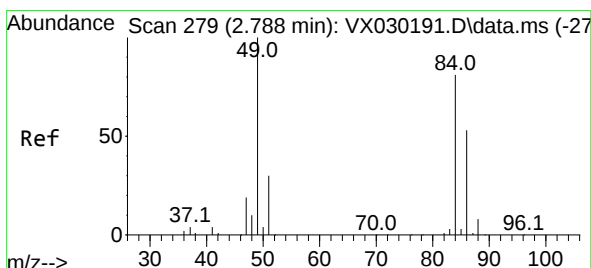
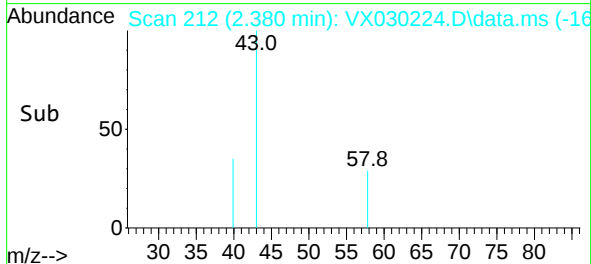
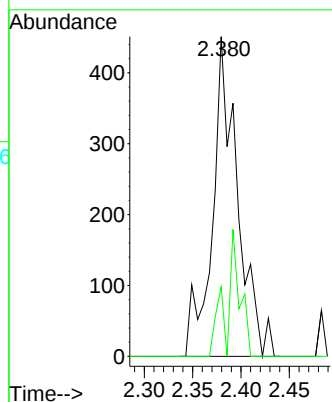
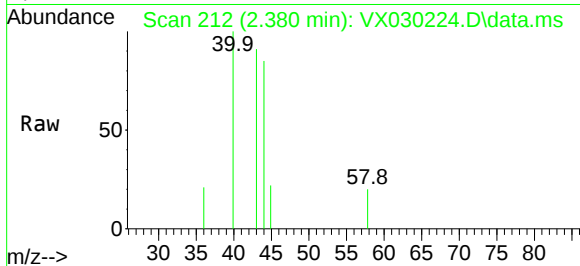




#16
Acetone
Concen: 0.564 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.005 min
Lab File: VX030224.D
Acq: 27 Jul 2022 11:25

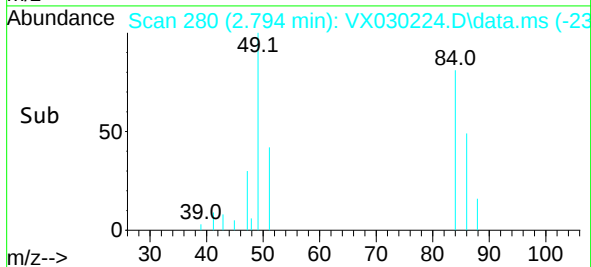
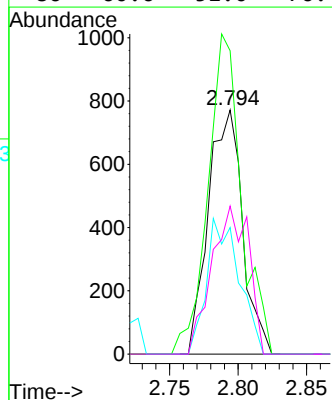
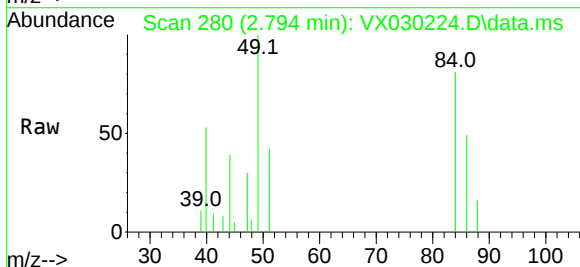
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBL01

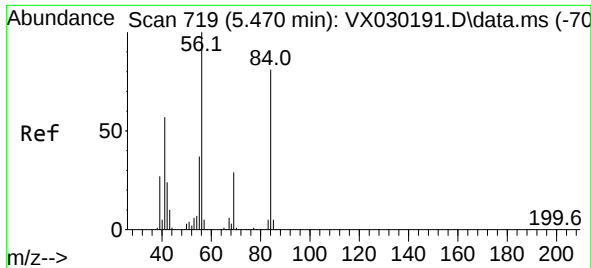
Tgt Ion: 43 Resp: 813
Ion Ratio Lower Upper
43 100
58 21.7 27.7 41.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030224.D
Acq: 27 Jul 2022 11:25

Tgt Ion: 84 Resp: 1334
Ion Ratio Lower Upper
84 100
49 124.2 93.8 140.6
51 51.8 29.4 44.0#
86 60.6 51.0 76.4

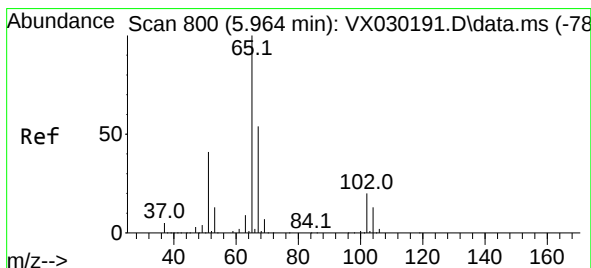
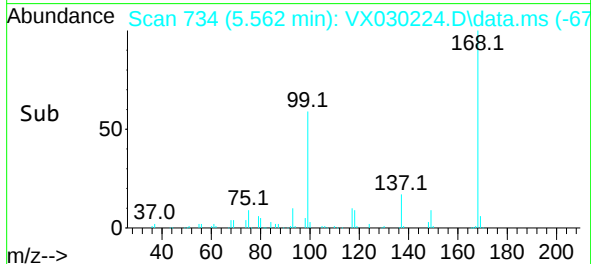
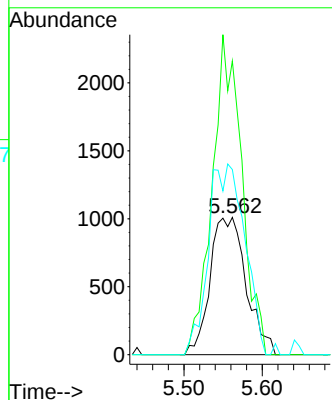
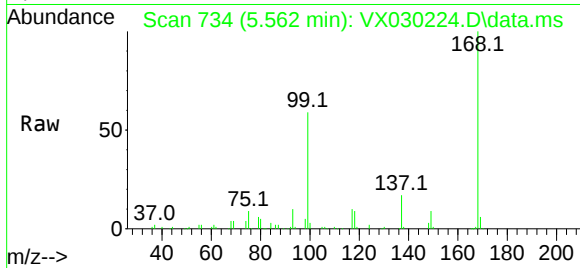




#31
Cyclohexane
Concen: 0.792 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX030224.D
Acq: 27 Jul 2022 11:25

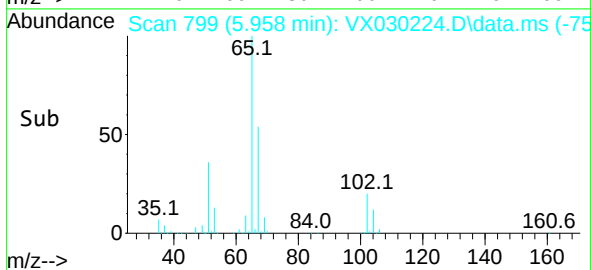
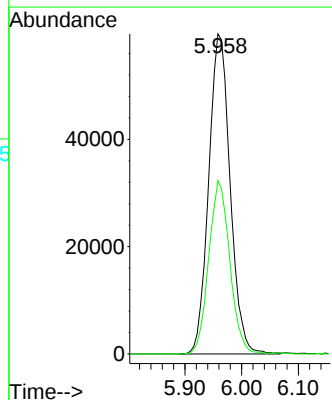
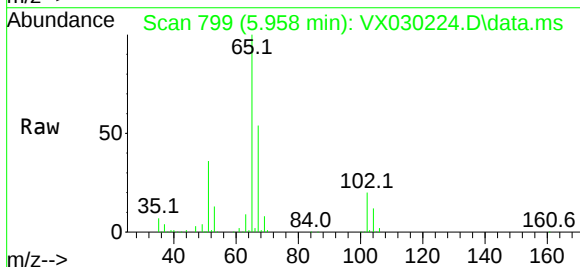
Instrument :
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ClientSampleId :
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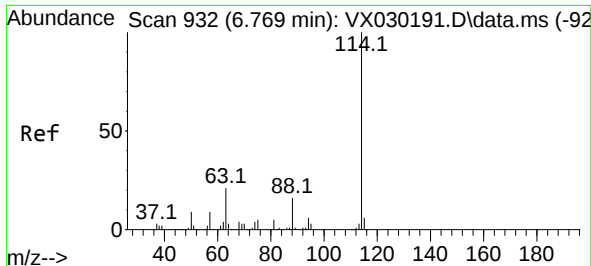
Tgt Ion: 56 Resp: 3239
Ion Ratio Lower Upper
56 100
69 214.1 25.4 38.0#
84 134.9 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 55.610 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX030224.D
Acq: 27 Jul 2022 11:25

Tgt Ion: 65 Resp: 156615
Ion Ratio Lower Upper
65 100
67 53.2 0.0 109.6

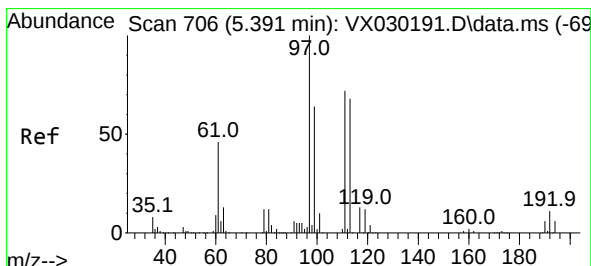
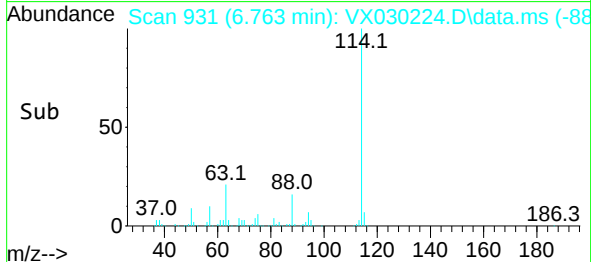
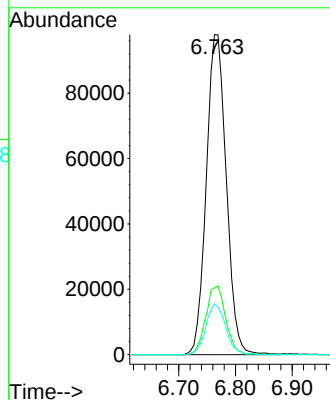
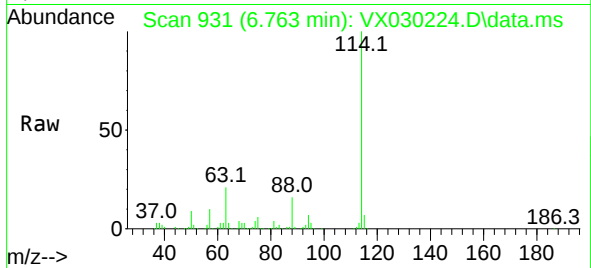




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX030224.D
Acq: 27 Jul 2022 11:25

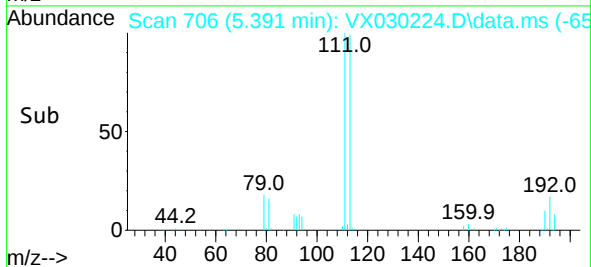
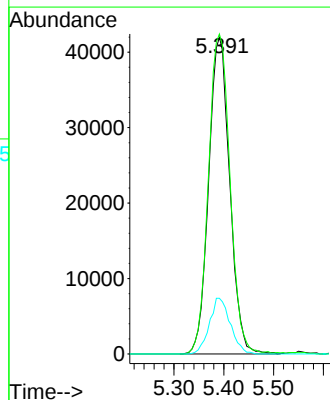
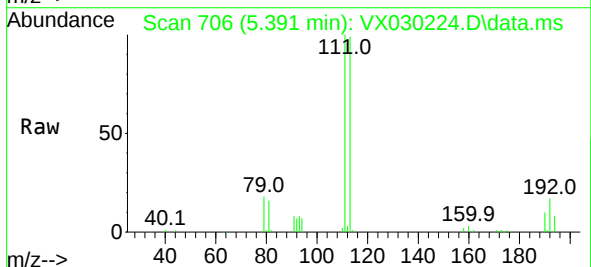
Instrument :
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ClientSampleId :
VX0727WBL01

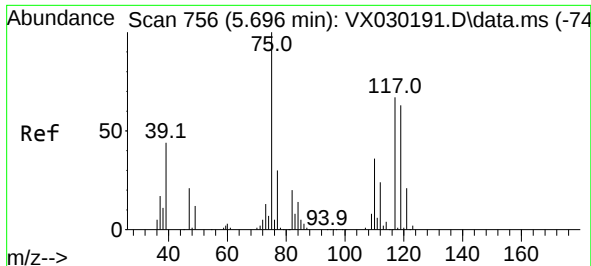
Tgt Ion:114 Resp: 240084
Ion Ratio Lower Upper
114 100
63 20.9 0.0 38.4
88 15.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 53.513 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030224.D
Acq: 27 Jul 2022 11:25

Tgt Ion:113 Resp: 122817
Ion Ratio Lower Upper
113 100
111 103.8 83.2 124.8
192 17.5 14.8 22.2

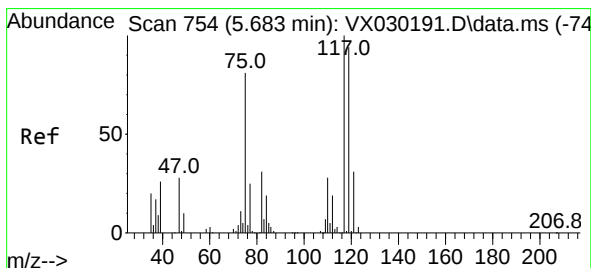
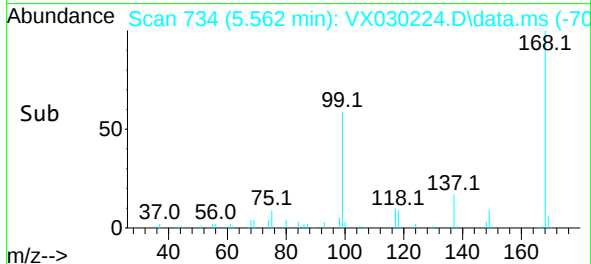
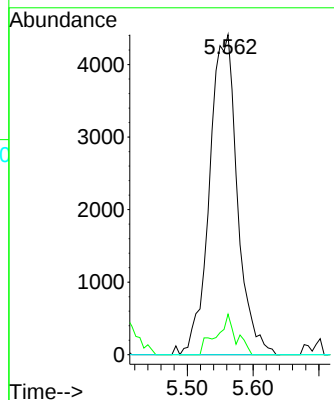
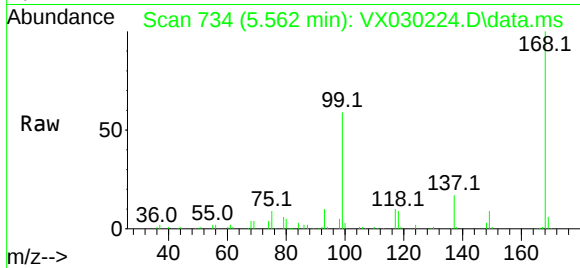




#36
1,1-Dichloropropene
Concen: 3.923 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX030224.D
Acq: 27 Jul 2022 11:25

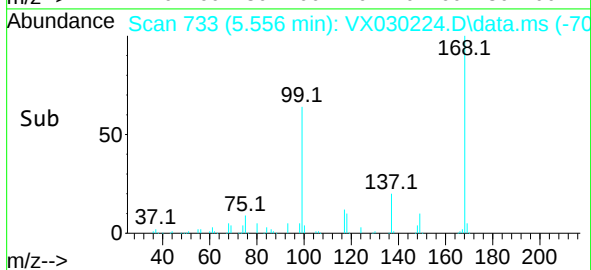
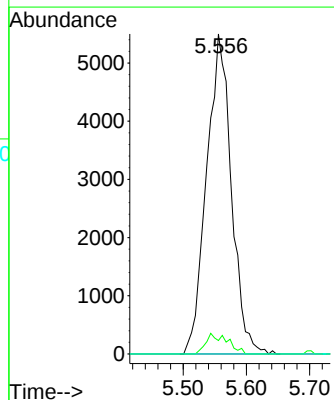
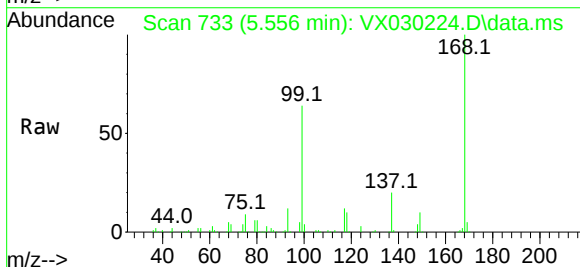
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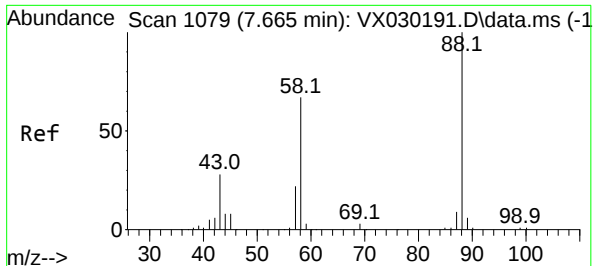
Tgt Ion: 75 Resp: 12958
Ion Ratio Lower Upper
75 100
110 9.1 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.848 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.127 min
Lab File: VX030224.D
Acq: 27 Jul 2022 11:25

Tgt Ion: 117 Resp: 14949
Ion Ratio Lower Upper
117 100
119 4.2 74.1 111.1#
121 0.0 25.8 38.8#





#49

1,4-Dioxane

Concen: 0.385 ug/l

RT: 7.507 min Scan# 1053

Delta R.T. -0.158 min

Lab File: VX030224.D

Acq: 27 Jul 2022 11:25

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBL01

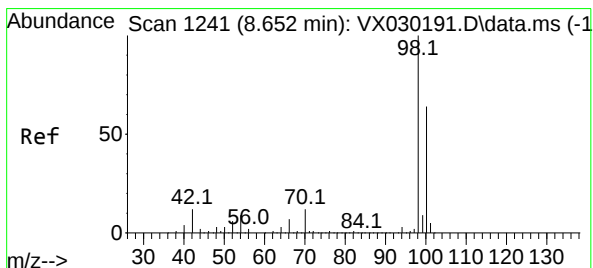
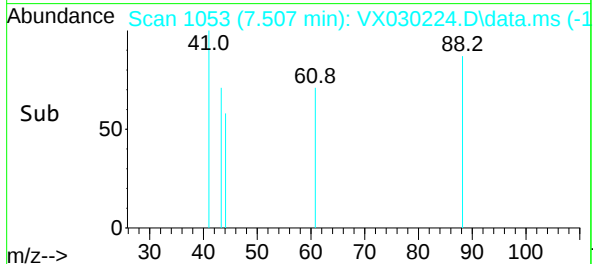
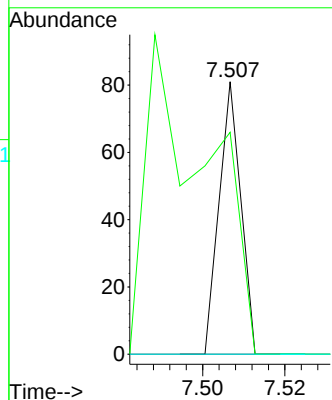
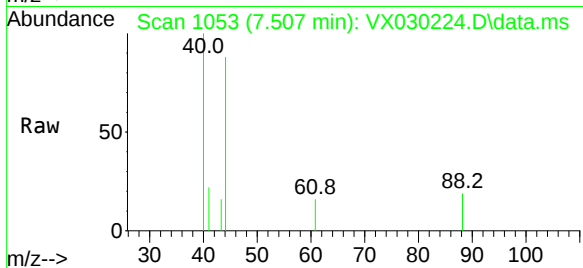
Tgt Ion: 88 Resp: 30

Ion Ratio Lower Upper

88 100

43 326.7 23.8 35.8#

58 0.0 53.8 80.6#



#50

Toluene-d8

Concen: 51.293 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.001 min

Lab File: VX030224.D

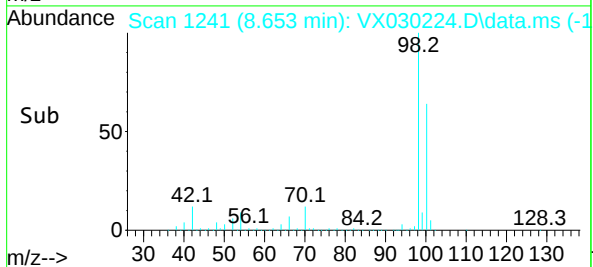
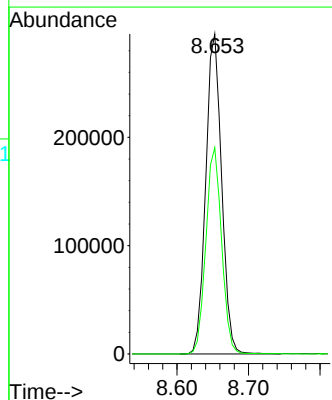
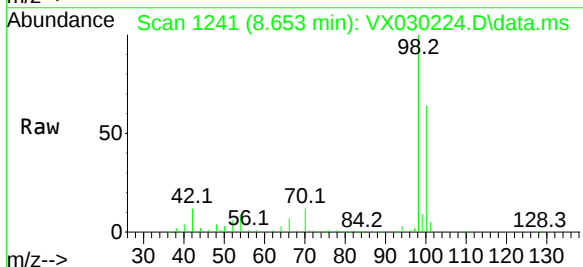
Acq: 27 Jul 2022 11:25

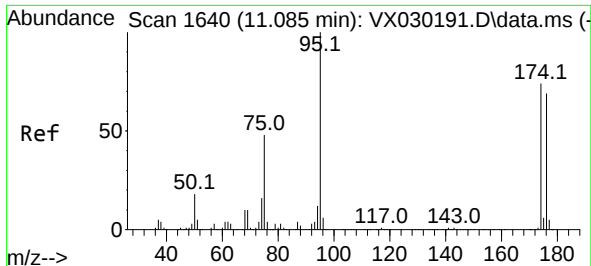
Tgt Ion: 98 Resp: 455895

Ion Ratio Lower Upper

98 100

100 64.0 52.3 78.5

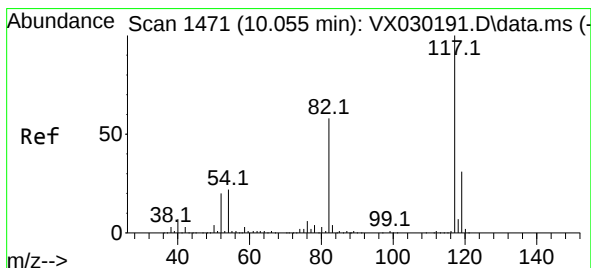
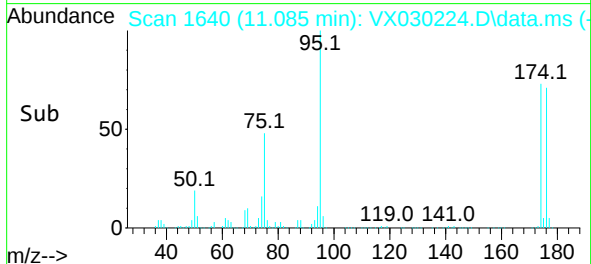
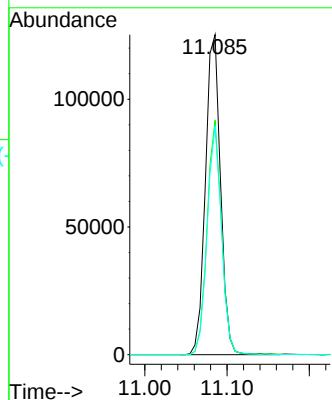
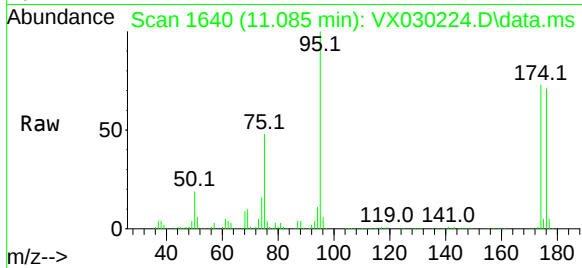




#62
4-Bromofluorobenzene
Concen: 48.504 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030224.D
Acq: 27 Jul 2022 11:25

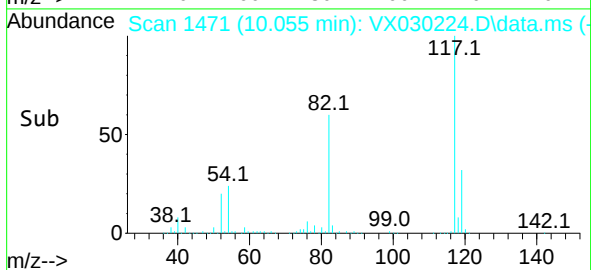
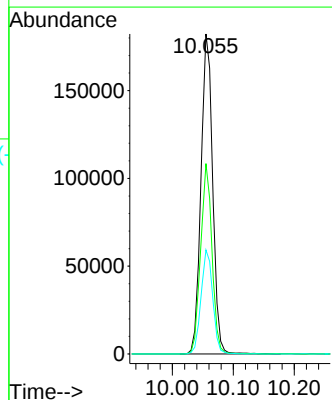
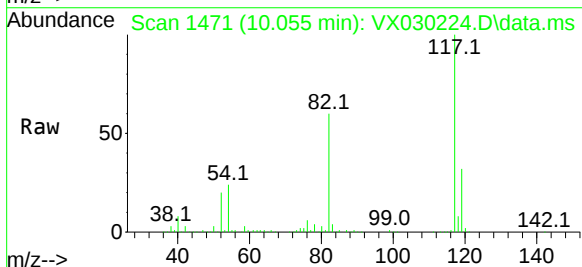
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBL01

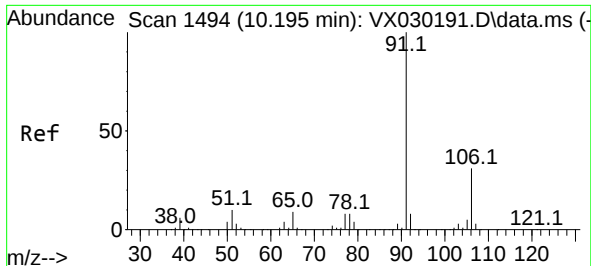
Tgt Ion: 95 Resp: 159994
Ion Ratio Lower Upper
95 100
174 70.4 0.0 149.0
176 67.7 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030224.D
Acq: 27 Jul 2022 11:25

Tgt Ion: 117 Resp: 243457
Ion Ratio Lower Upper
117 100
82 59.5 42.7 64.1
119 32.5 25.4 38.2

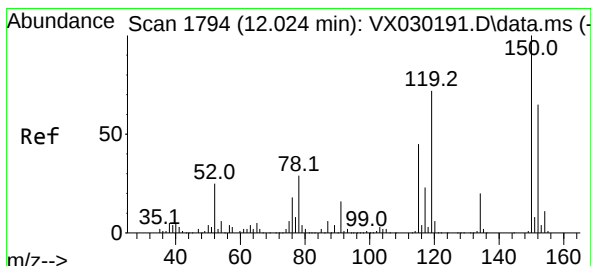
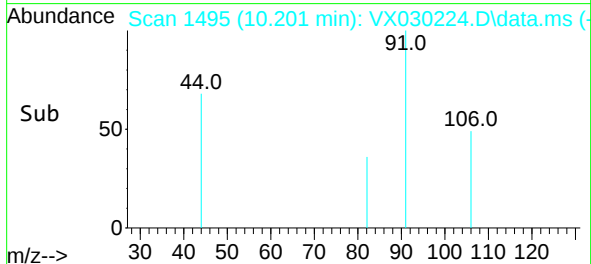
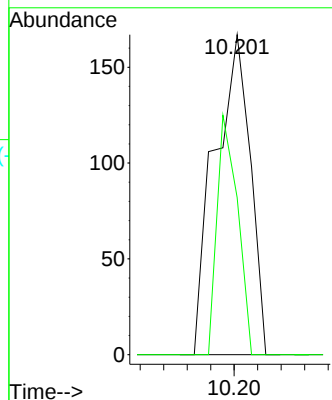
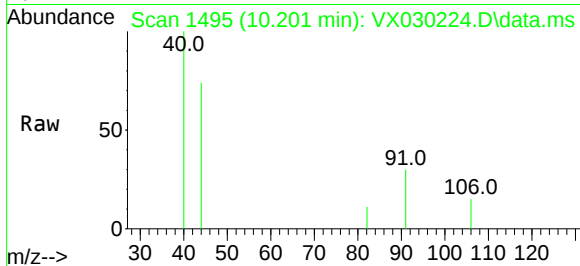




#67
Ethyl Benzene
Concen: Below Cal
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX030224.D
Acq: 27 Jul 2022 11:25

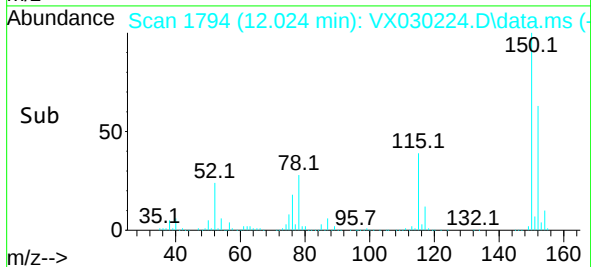
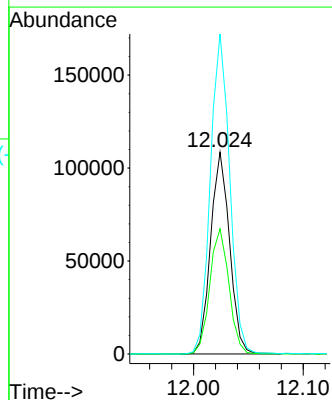
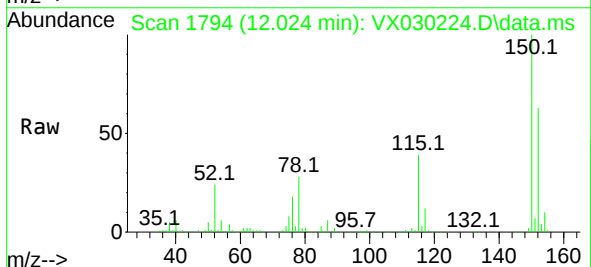
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBL01

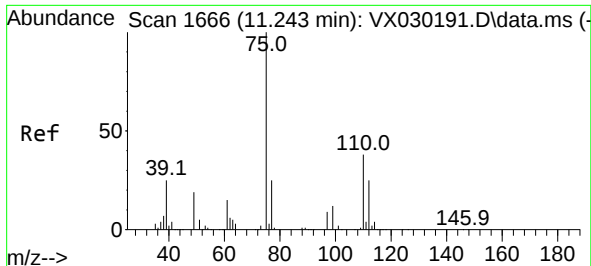
Tgt Ion: 91 Resp: 175
Ion Ratio Lower Upper
91 100
106 49.1 25.5 38.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030224.D
Acq: 27 Jul 2022 11:25

Tgt Ion:152 Resp: 130694
Ion Ratio Lower Upper
152 100
115 62.4 40.5 121.5
150 161.8 0.0 347.0

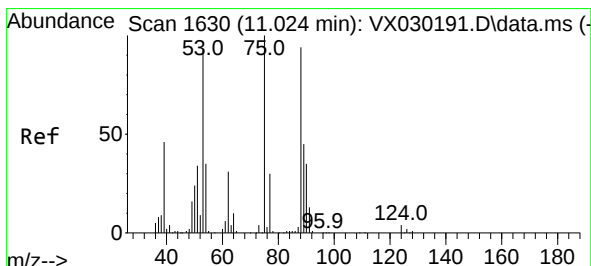
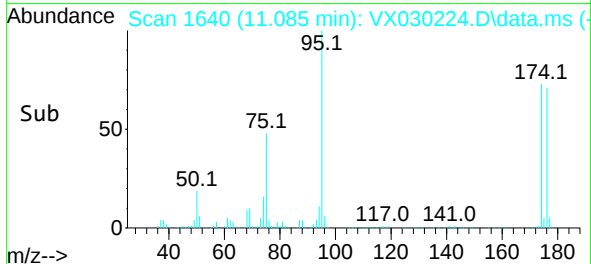
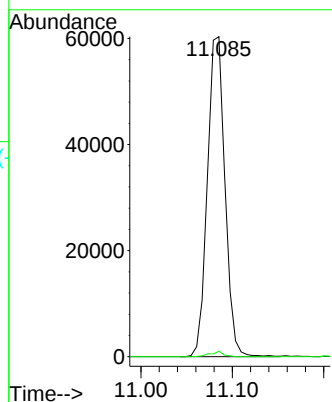
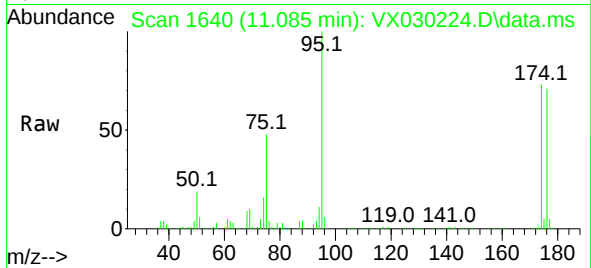




#76
1,2,3-Trichloropropane
Concen: 23.356 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX030224.D
Acq: 27 Jul 2022 11:25

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBL01

Tgt Ion: 75 Resp: 80462
Ion Ratio Lower Upper
75 100
77 1.2 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.066 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX030224.D
Acq: 27 Jul 2022 11:25

Tgt Ion: 75 Resp: 80462
Ion Ratio Lower Upper
75 100
53 0.2 74.2 111.4#
89 0.1 34.8 52.2#

