

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072722\
 Data File : VX030230.D
 Acq On : 27 Jul 2022 14:41
 Operator : JC/MD
 Sample : N3876-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPC-10-84

Quant Time: Jul 28 05:50:41 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)

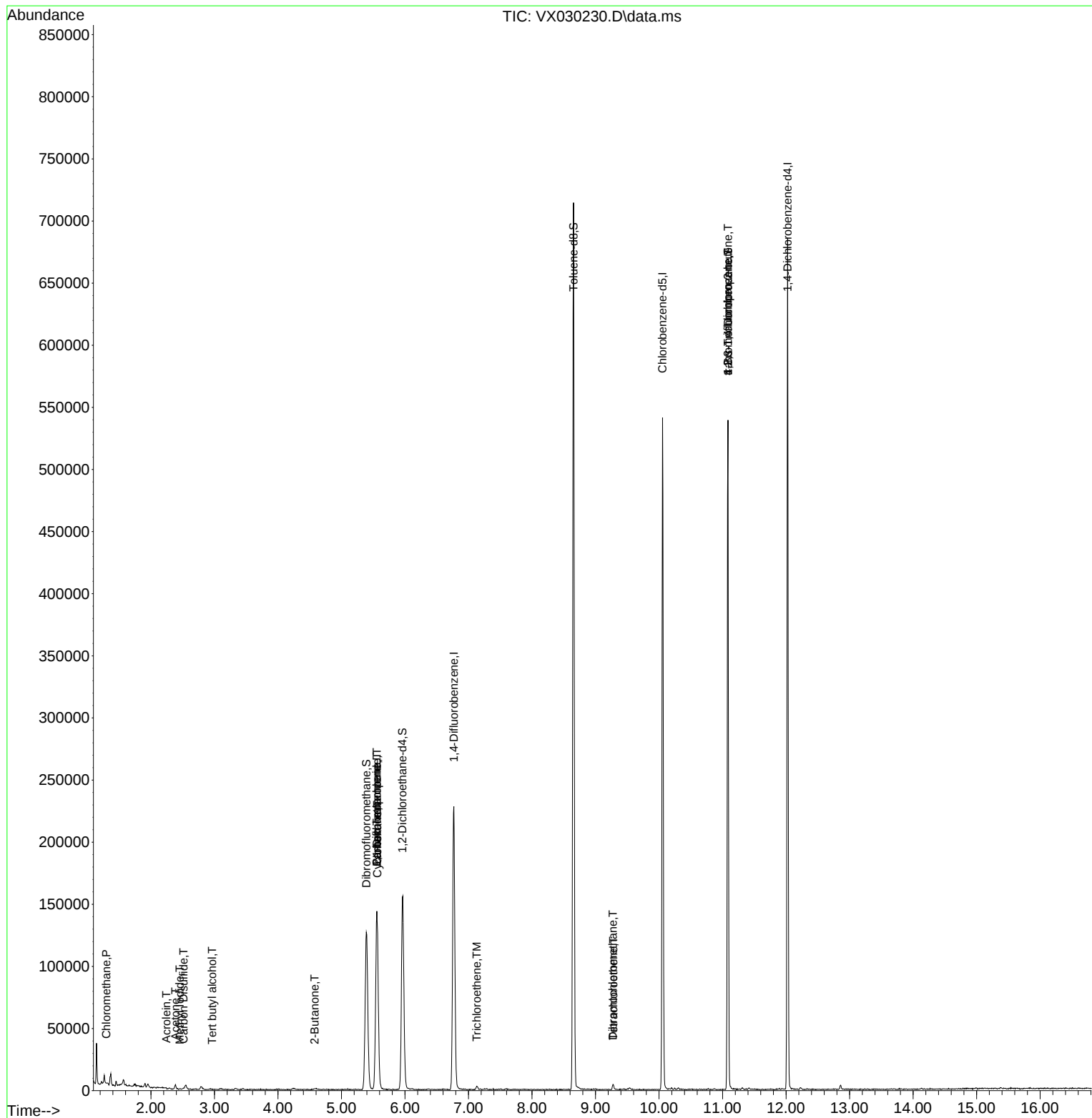
Internal Standards						
1) Pentafluorobenzene	5.556	168	134655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	233116	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	145171	53.638	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.280%	
35) Dibromofluoromethane	5.391	113	115084	51.643	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.280%	
50) Toluene-d8	8.653	98	418897	48.539	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.080%	
62) 4-Bromofluorobenzene	11.085	95	145291	45.363	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.720%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	451	0.206	ug/l #	80
5) Bromomethane	1.605	94	482	Below Cal	#	76
10) Methyl Iodide	2.453	142	308	1.667	ug/l #	89
11) Tert butyl alcohol	2.965	59	216	0.327	ug/l #	74
13) Acrolein	2.239	56	46	0.283	ug/l #	64
16) Acetone	2.386	43	3829	2.763	ug/l	92
17) Carbon Disulfide	2.514	76	1159	0.204	ug/l #	74
20) Methylene Chloride	2.800	84	1086	Below Cal	#	70
25) 2-Butanone	4.574	43	489	0.210	ug/l #	86
31) Cyclohexane	5.562	56	3358	0.855	ug/l #	28
36) 1,1-Dichloropropene	5.556	75	10719	3.342	ug/l #	48
38) Carbon Tetrachloride	5.556	117	14172	4.734	ug/l #	17
44) Trichloroethene	7.129	130	1025	0.372	ug/l	86
60) Dibromochloromethane	9.275	129	868	0.358	ug/l #	11
64) Tetrachloroethene	9.281	164	792	0.310	ug/l #	71
67) Ethyl Benzene	10.195	91	725	Below Cal	#	78
76) 1,2,3-Trichloropropane	11.085	75	72564	20.913	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	72564	62.739	ug/l #	13

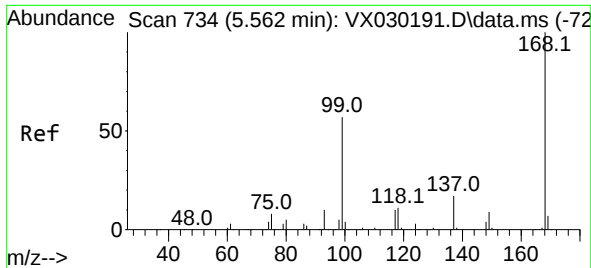
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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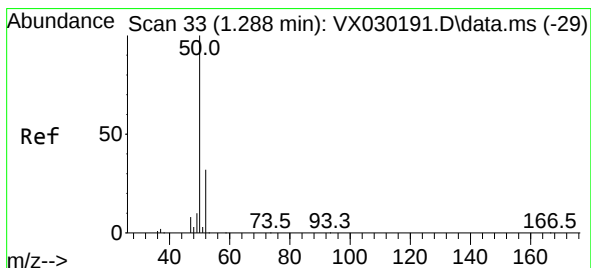
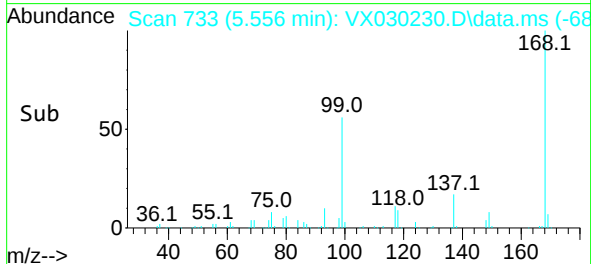
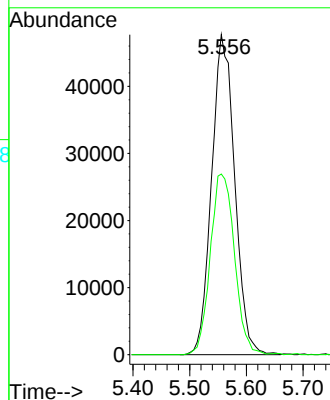
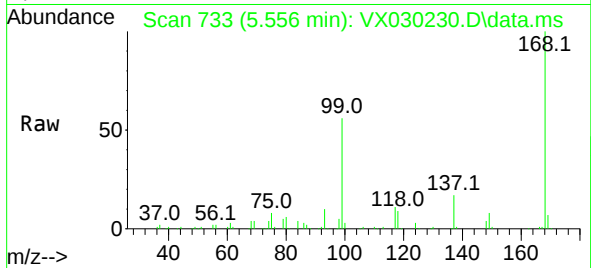




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030230.D
Acq: 27 Jul 2022 14:41

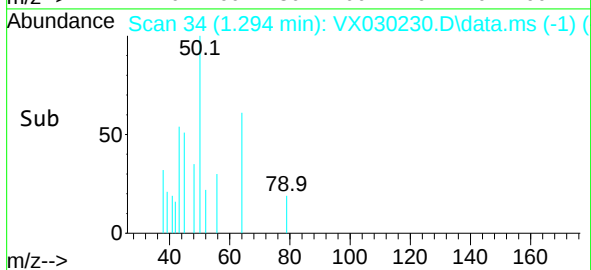
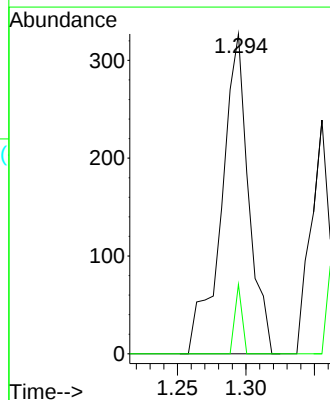
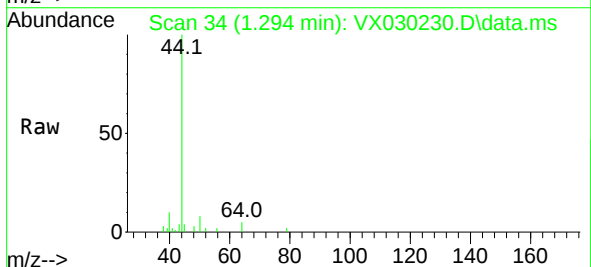
Instrument :
MSVOA_X
ClientSampleId :
SPC-10-84

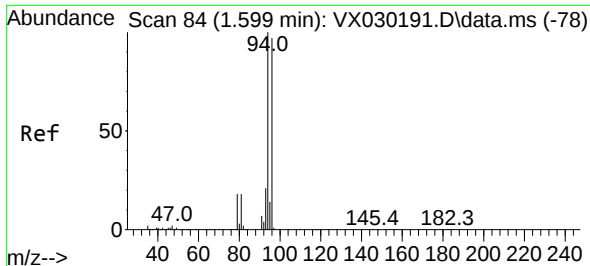
Tgt Ion:168 Resp: 134655
Ion Ratio Lower Upper
168 100
99 56.4 44.0 66.0



#3
Chloromethane
Concen: 0.206 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030230.D
Acq: 27 Jul 2022 14:41

Tgt Ion: 50 Resp: 451
Ion Ratio Lower Upper
50 100
52 21.7 26.3 39.5#

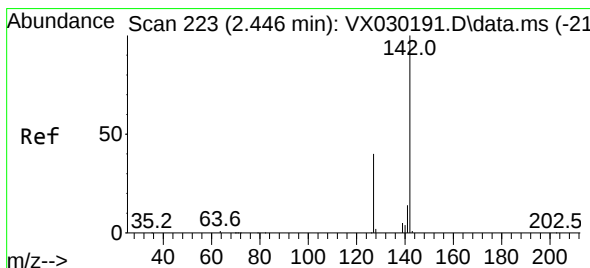
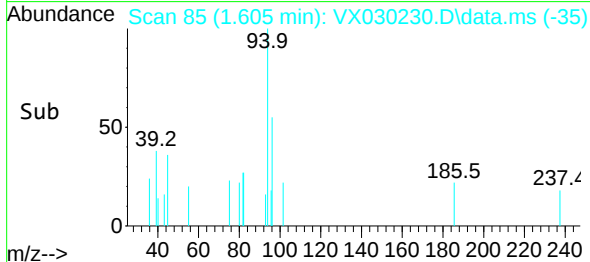
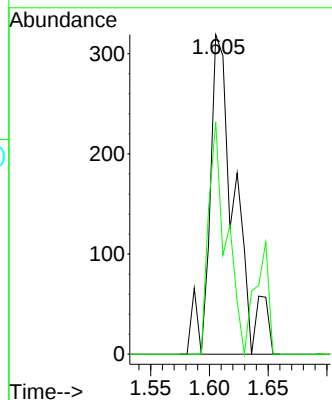
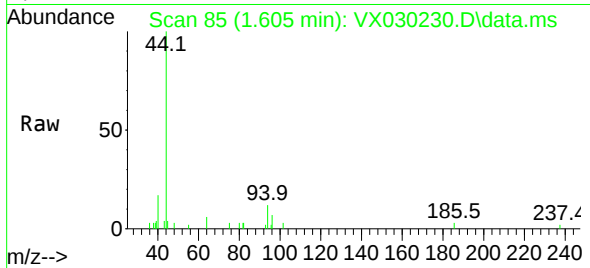




#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX030230.D
Acq: 27 Jul 2022 14:41

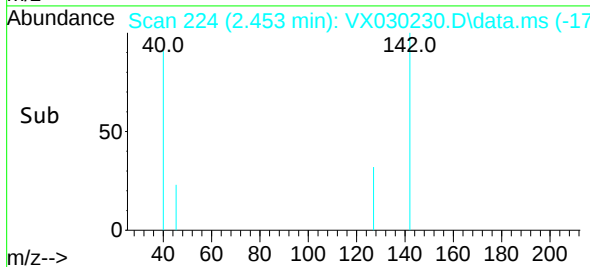
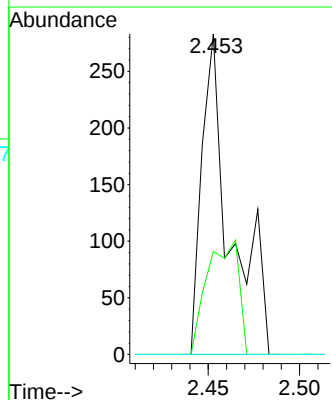
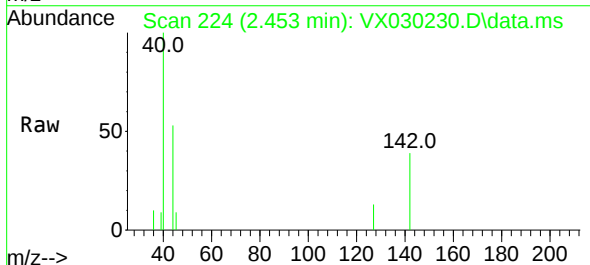
Instrument :
MSVOA_X
ClientSampleId :
SPC-10-84

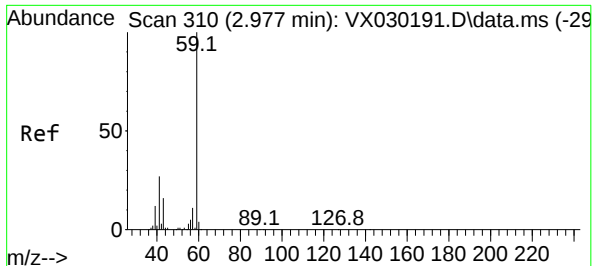
Tgt Ion: 94 Resp: 482
Ion Ratio Lower Upper
94 100
96 72.7 76.9 115.3#



#10
Methyl Iodide
Concen: 1.667 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.007 min
Lab File: VX030230.D
Acq: 27 Jul 2022 14:41

Tgt Ion: 142 Resp: 308
Ion Ratio Lower Upper
142 100
127 39.3 30.2 45.2
141 0.0 11.3 16.9#

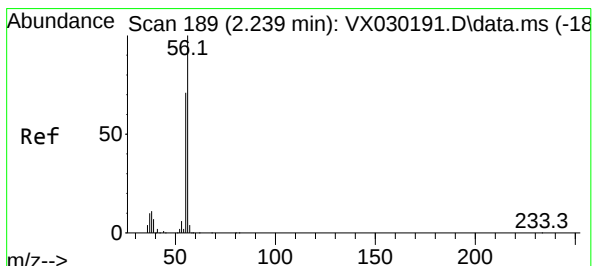
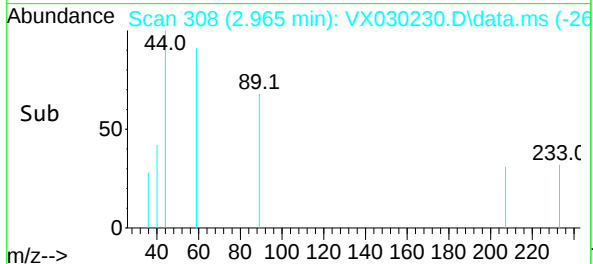
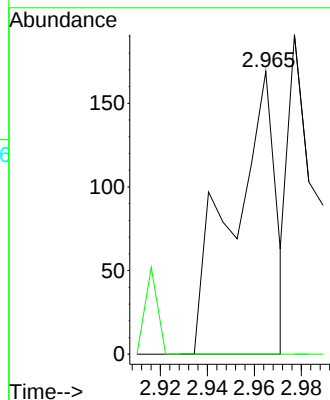
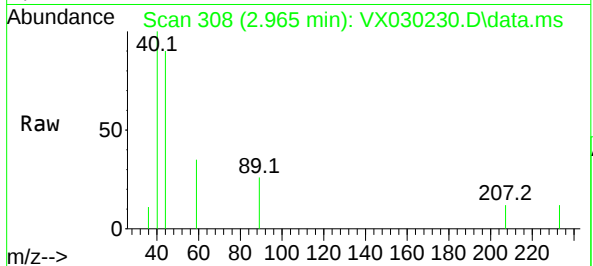




#11
Tert butyl alcohol
Concen: 0.327 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX030230.D
Acq: 27 Jul 2022 14:41

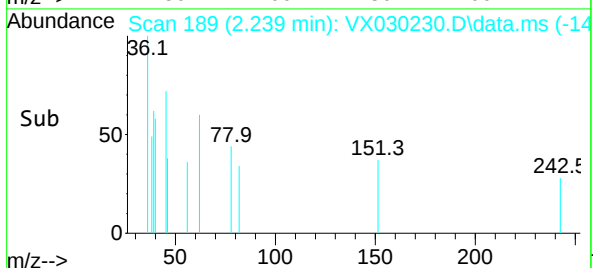
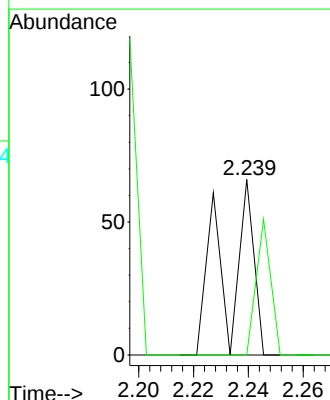
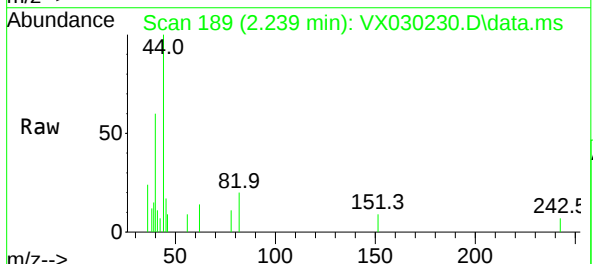
Instrument :
MSVOA_X
ClientSampleId :
SPC-10-84

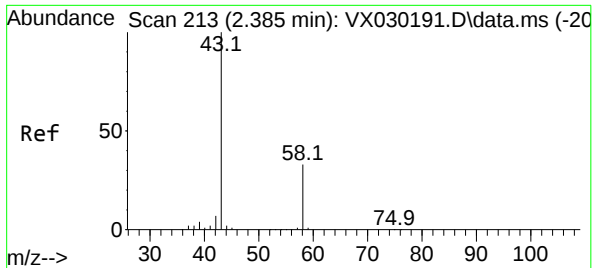
Tgt Ion: 59 Resp: 216
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#13
Acrolein
Concen: 0.283 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX030230.D
Acq: 27 Jul 2022 14:41

Tgt Ion: 56 Resp: 46
Ion Ratio Lower Upper
56 100
55 41.3 56.6 84.8#

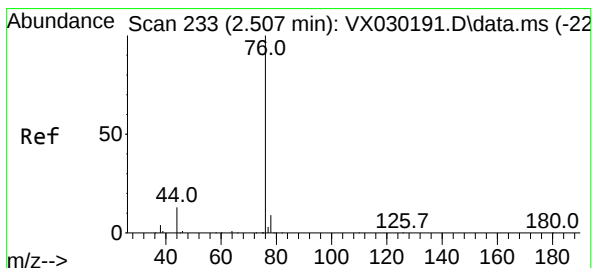
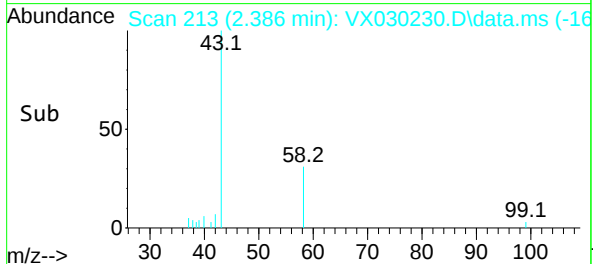
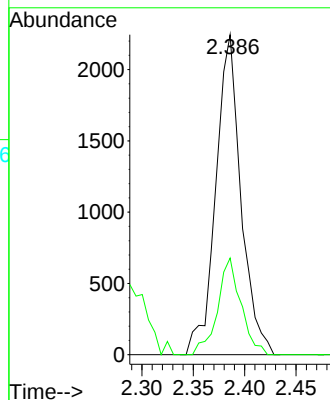
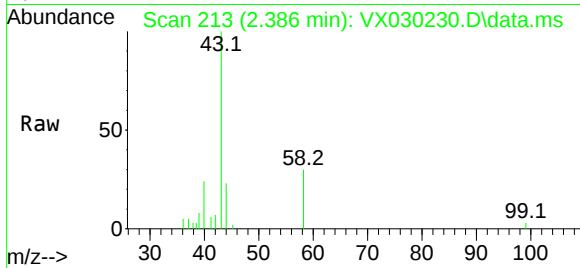




#16
Acetone
Concen: 2.763 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030230.D
Acq: 27 Jul 2022 14:41

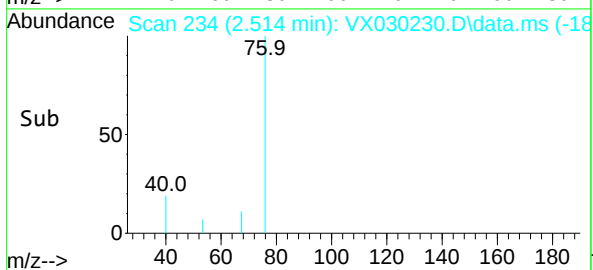
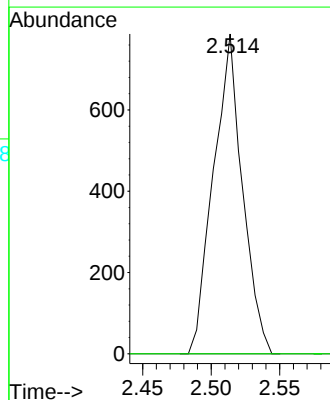
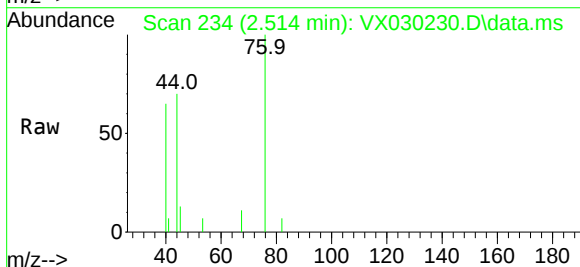
Instrument :
MSVOA_X
ClientSampleId :
SPC-10-84

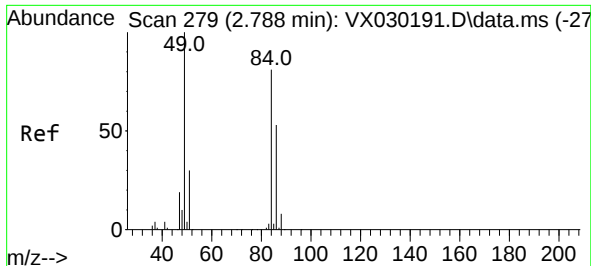
Tgt Ion: 43 Resp: 3829
Ion Ratio Lower Upper
43 100
58 30.2 27.7 41.5



#17
Carbon Disulfide
Concen: 0.204 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.007 min
Lab File: VX030230.D
Acq: 27 Jul 2022 14:41

Tgt Ion: 76 Resp: 1159
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#

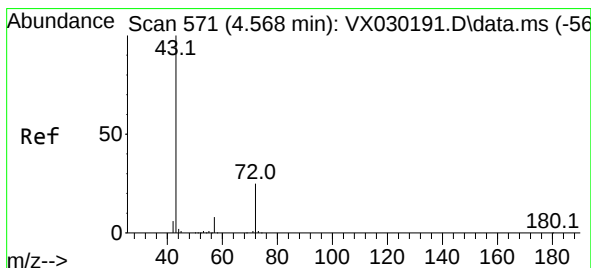
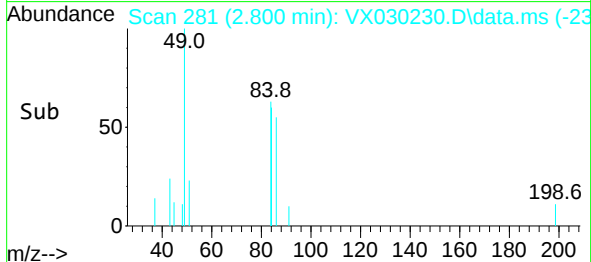
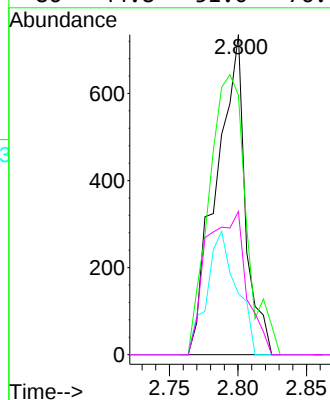
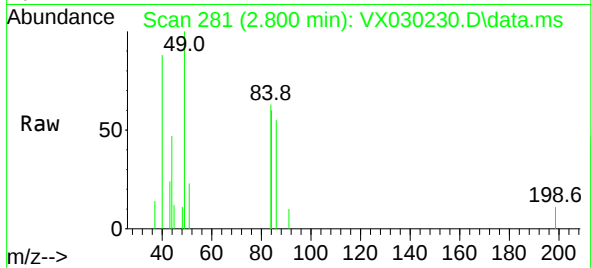




#20
Methylene Chloride
Concen: Below Cal
RT: 2.800 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX030230.D
Acq: 27 Jul 2022 14:41

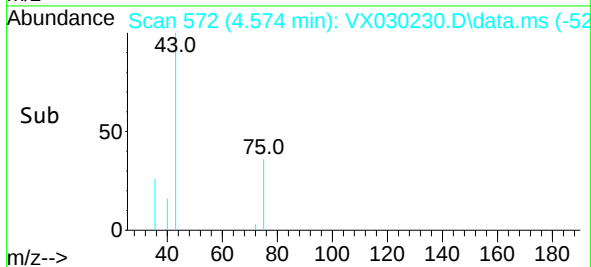
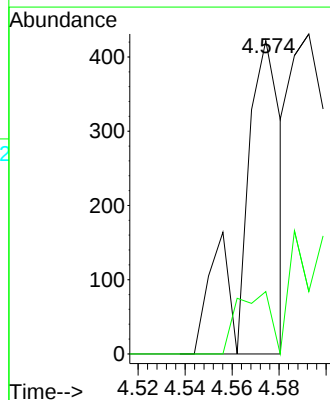
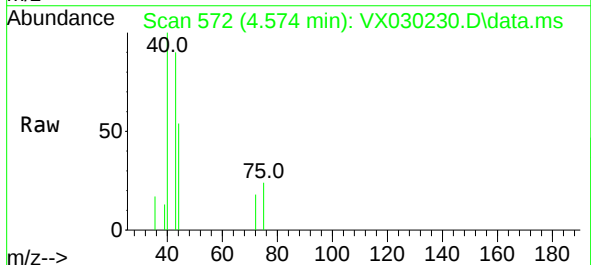
Instrument :
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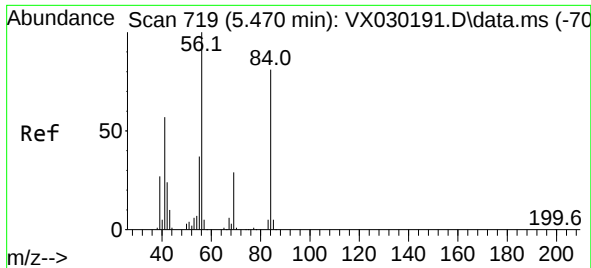
Tgt Ion: 84 Resp: 1086
Ion Ratio Lower Upper
84 100
49 81.1 93.8 140.6#
51 19.0 29.4 44.0#
86 44.8 51.0 76.4#



#25
2-Butanone
Concen: 0.210 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX030230.D
Acq: 27 Jul 2022 14:41

Tgt Ion: 43 Resp: 489
Ion Ratio Lower Upper
43 100
72 19.9 21.7 32.5#

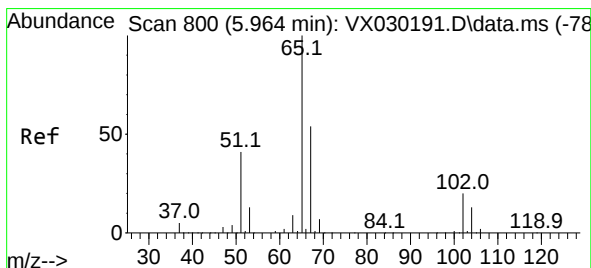
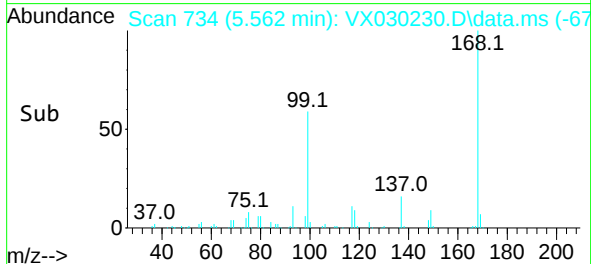
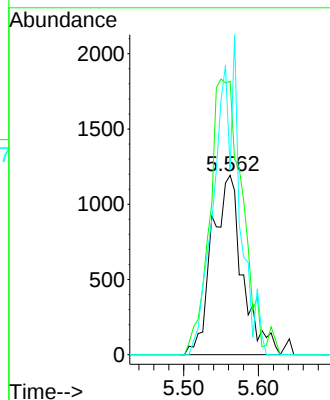
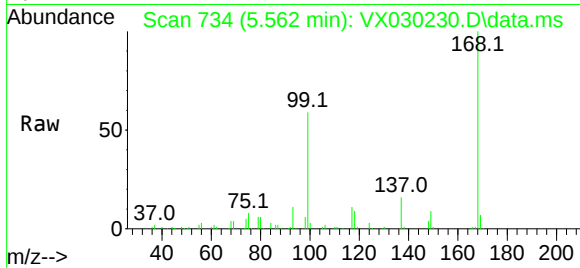




#31
Cyclohexane
Concen: 0.855 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX030230.D
Acq: 27 Jul 2022 14:41

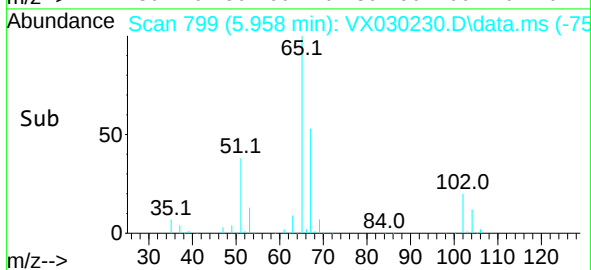
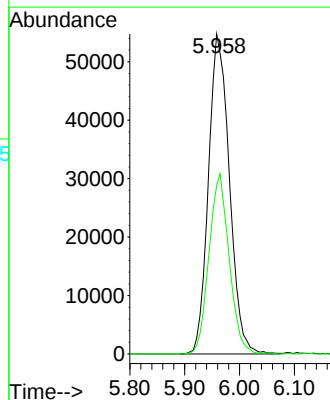
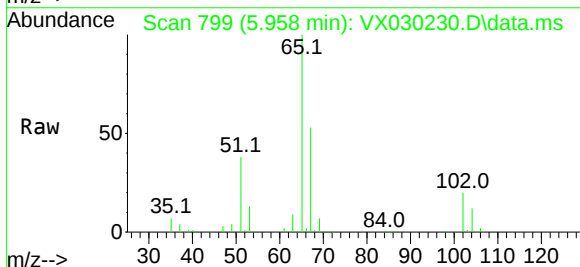
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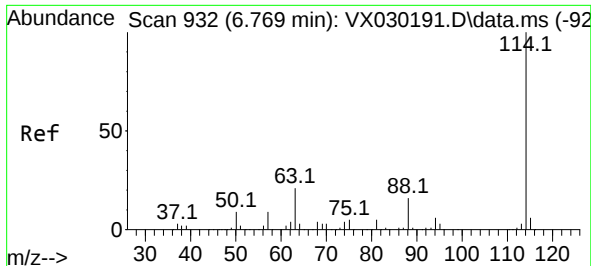
Tgt Ion: 56 Resp: 3358
Ion Ratio Lower Upper
56 100
69 152.3 25.4 38.0#
84 102.9 68.9 103.3



#33
1,2-Dichloroethane-d4
Concen: 53.638 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX030230.D
Acq: 27 Jul 2022 14:41

Tgt Ion: 65 Resp: 145171
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.6

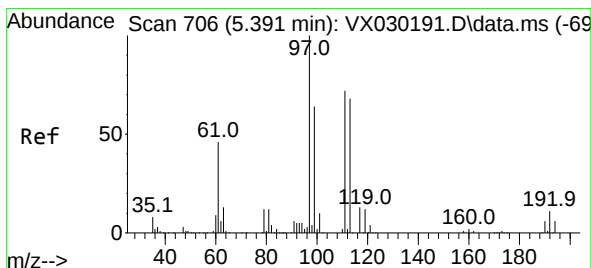
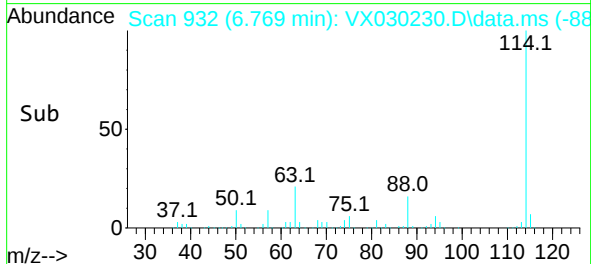
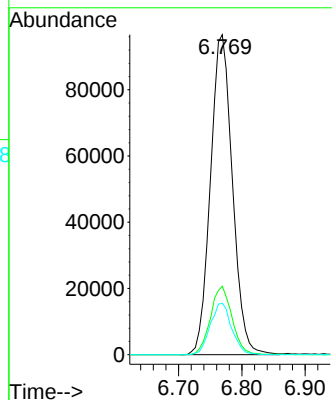
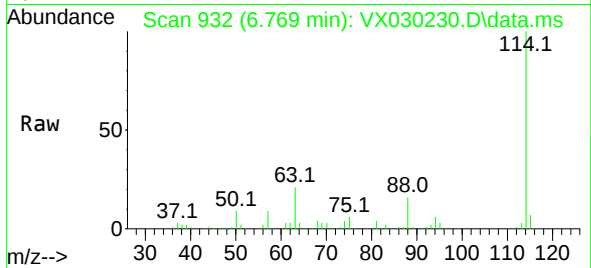




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX030230.D
Acq: 27 Jul 2022 14:41

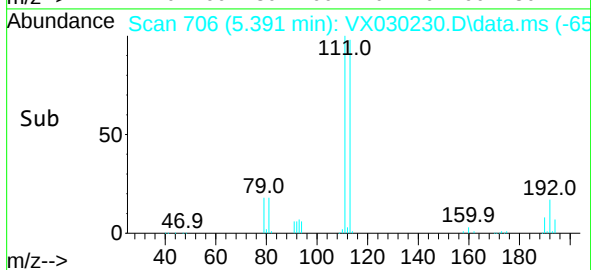
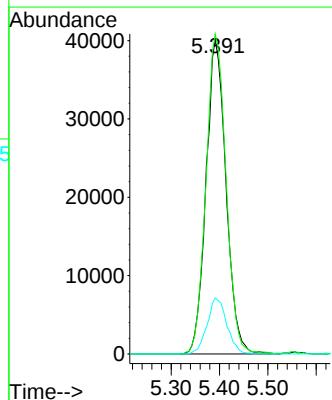
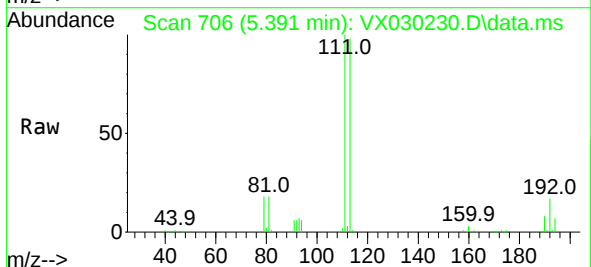
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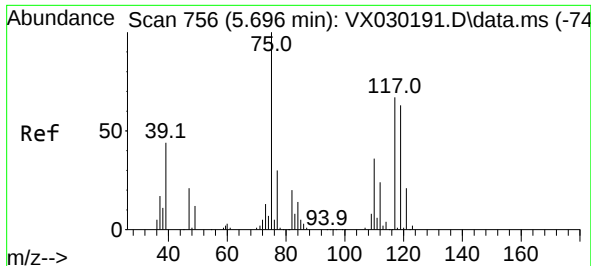
Tgt Ion:114 Resp: 233116
Ion Ratio Lower Upper
114 100
63 21.4 0.0 38.4
88 16.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.643 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030230.D
Acq: 27 Jul 2022 14:41

Tgt Ion:113 Resp: 115084
Ion Ratio Lower Upper
113 100
111 102.5 83.2 124.8
192 17.6 14.8 22.2

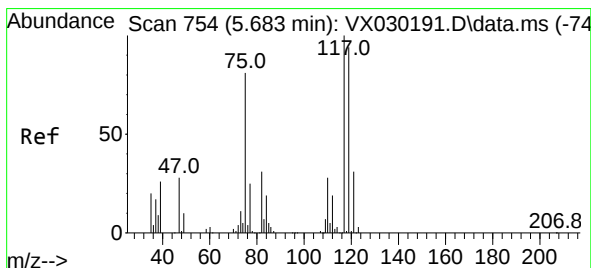
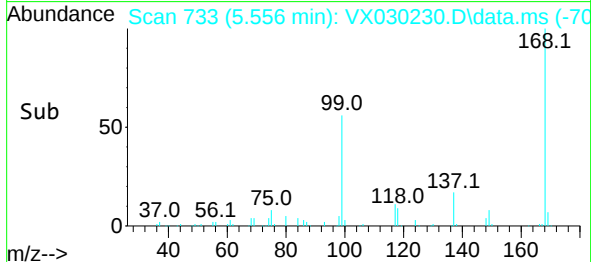
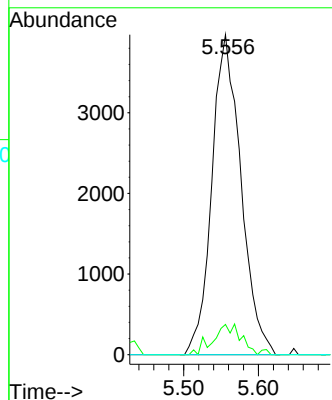
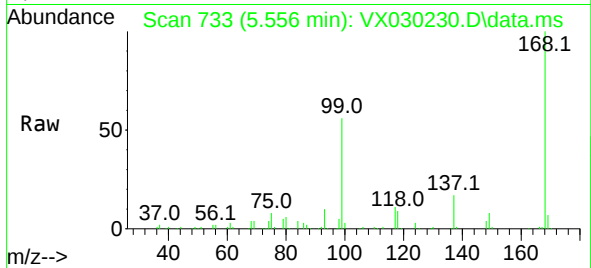




#36
1,1-Dichloropropene
Concen: 3.342 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX030230.D
Acq: 27 Jul 2022 14:41

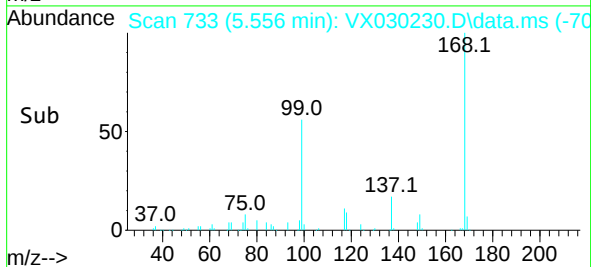
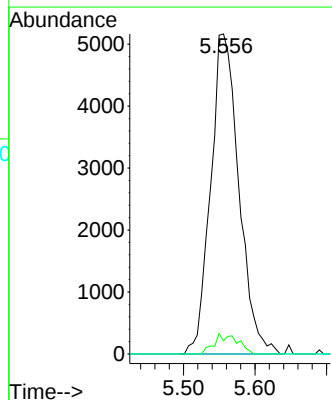
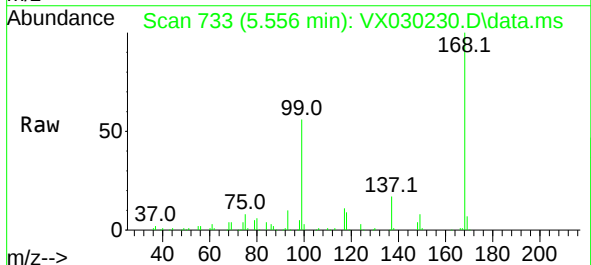
Instrument :
MSVOA_X
ClientSampleId :
SPC-10-84

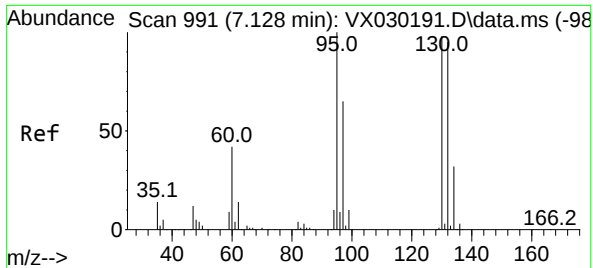
Tgt Ion: 75 Resp: 10719
Ion Ratio Lower Upper
75 100
110 9.0 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.734 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.127 min
Lab File: VX030230.D
Acq: 27 Jul 2022 14:41

Tgt Ion: 117 Resp: 14172
Ion Ratio Lower Upper
117 100
119 4.1 74.1 111.1#
121 0.0 25.8 38.8#

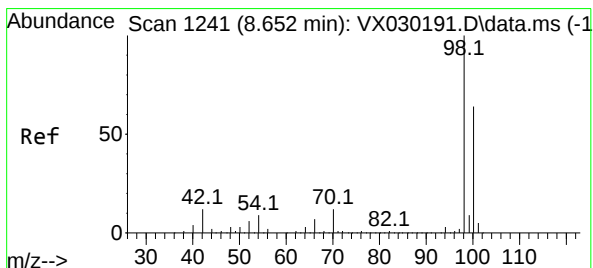
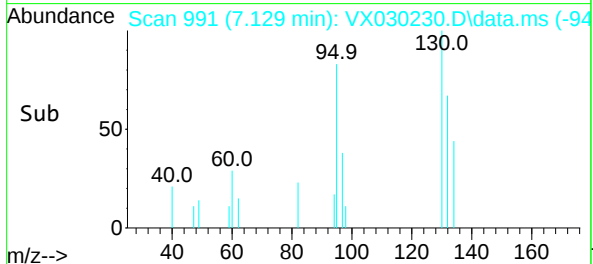
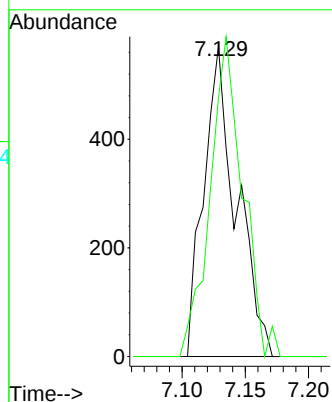
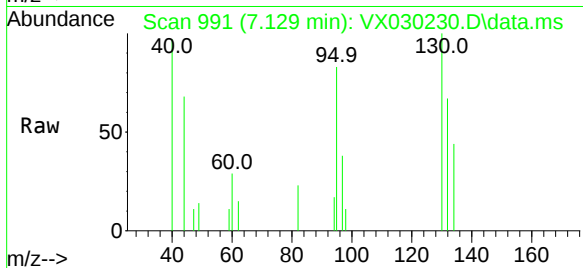




#44
Trichloroethene
Concen: 0.372 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.001 min
Lab File: VX030230.D
Acq: 27 Jul 2022 14:41

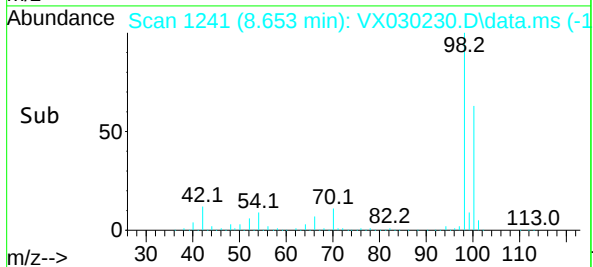
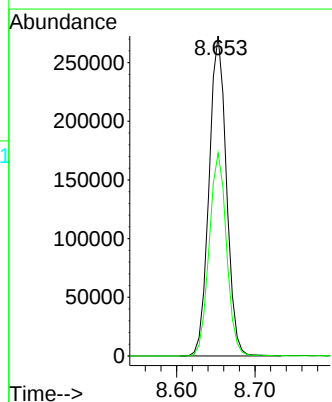
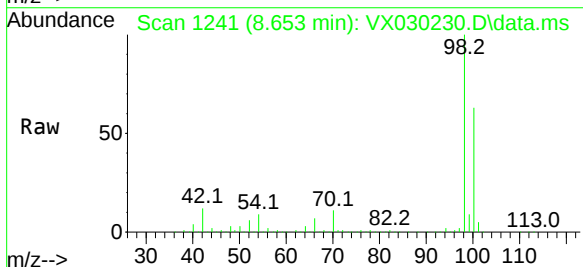
Instrument :
MSVOA_X
ClientSampleId :
SPC-10-84

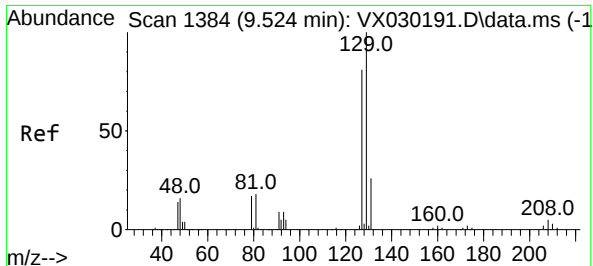
Tgt Ion:130 Resp: 1025
Ion Ratio Lower Upper
130 100
95 83.4 0.0 194.8



#50
Toluene-d8
Concen: 48.539 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030230.D
Acq: 27 Jul 2022 14:41

Tgt Ion: 98 Resp: 418897
Ion Ratio Lower Upper
98 100
100 63.1 52.3 78.5

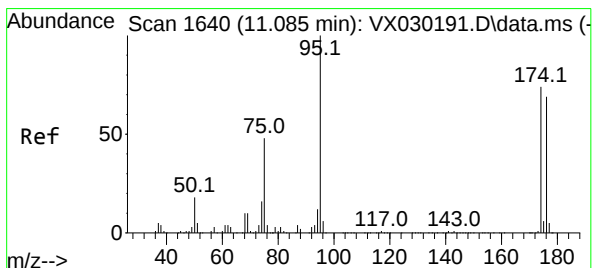
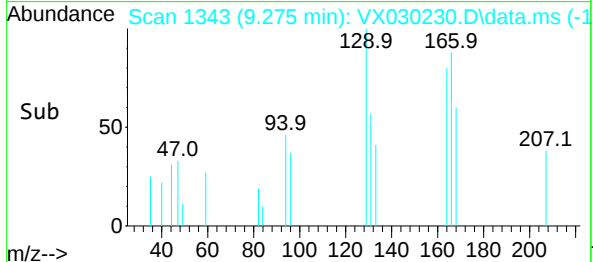
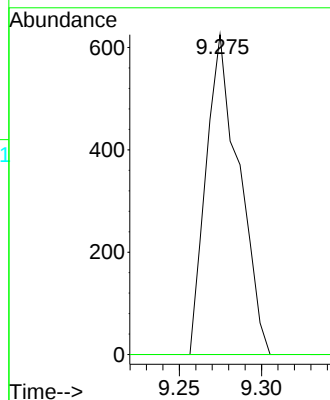
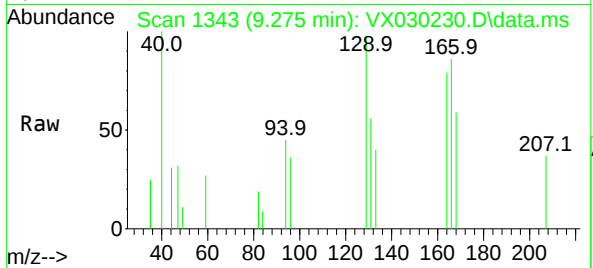




#60
Dibromochloromethane
Concen: 0.358 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.249 min
Lab File: VX030230.D
Acq: 27 Jul 2022 14:41

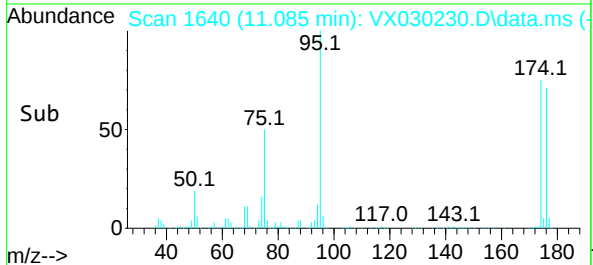
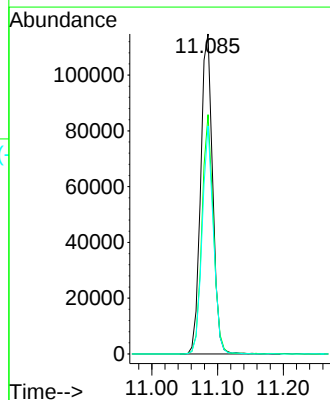
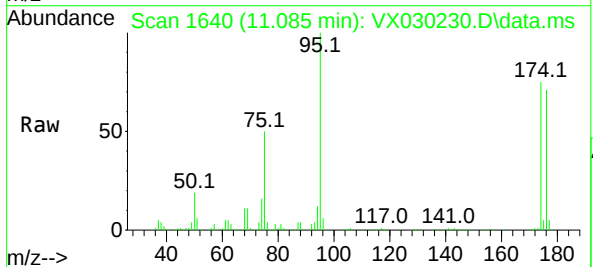
Instrument :
MSVOA_X
ClientSampleId :
SPC-10-84

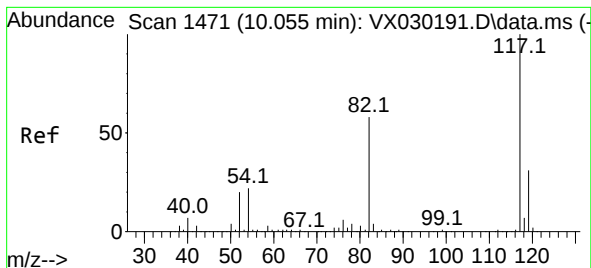
Tgt Ion:129 Resp: 868
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 45.363 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030230.D
Acq: 27 Jul 2022 14:41

Tgt Ion: 95 Resp: 145291
Ion Ratio Lower Upper
95 100
174 71.4 0.0 149.0
176 66.6 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: VX030230.D

Acq: 27 Jul 2022 14:41

Instrument :

MSVOA_X

ClientSampleId :

SPC-10-84

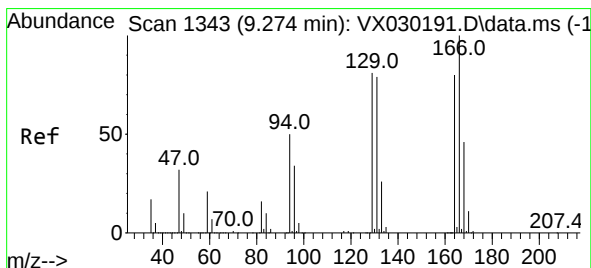
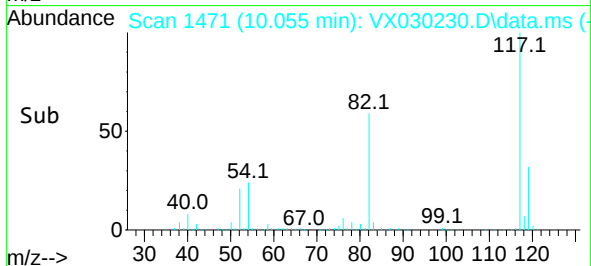
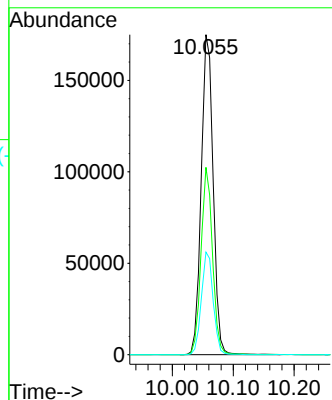
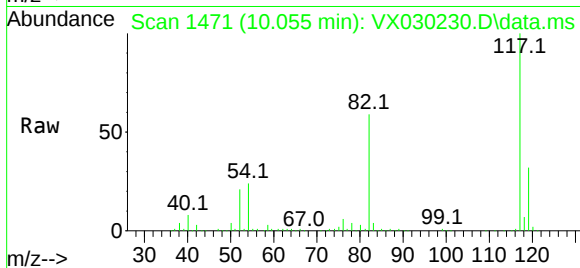
Tgt Ion:117 Resp: 237602

Ion Ratio Lower Upper

117 100

82 58.6 42.7 64.1

119 32.0 25.4 38.2



#64

Tetrachloroethene

Concen: 0.310 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. 0.007 min

Lab File: VX030230.D

Acq: 27 Jul 2022 14:41

Tgt Ion:164 Resp: 792

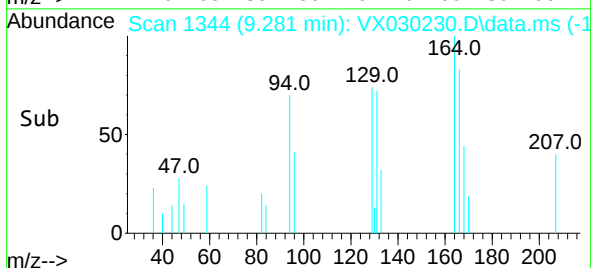
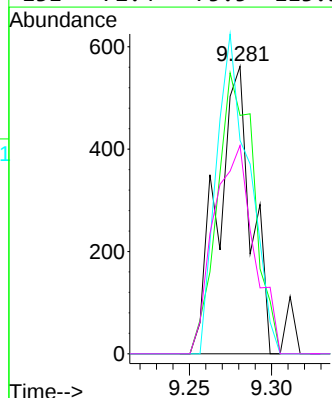
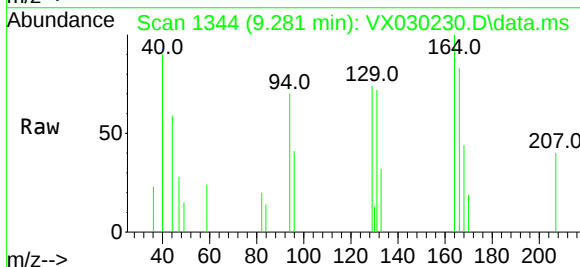
Ion Ratio Lower Upper

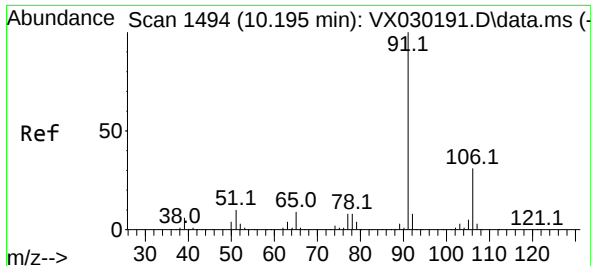
164 100

166 82.9 98.2 147.4#

129 74.2 80.8 121.2#

131 72.4 75.5 113.3#

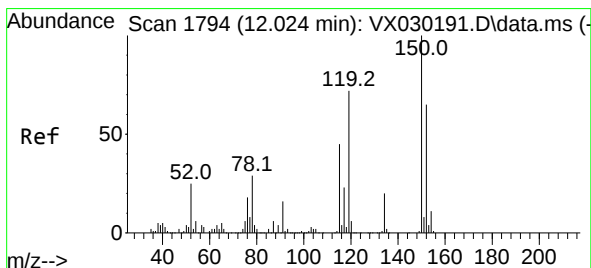
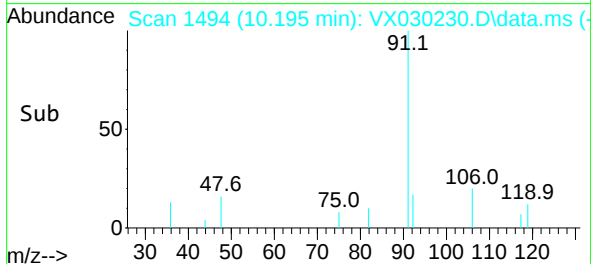
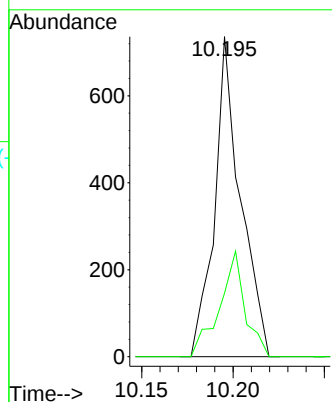
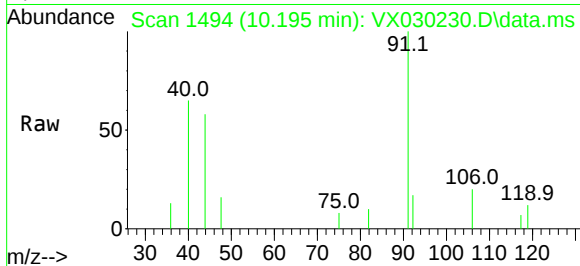




#67
Ethyl Benzene
Concen: Below Cal
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030230.D
Acq: 27 Jul 2022 14:41

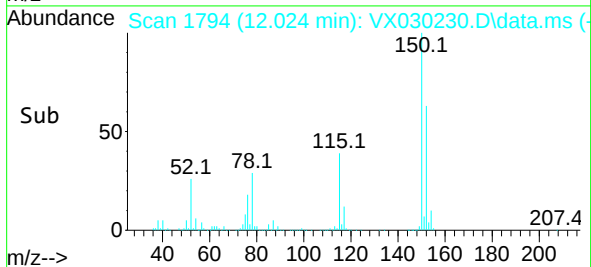
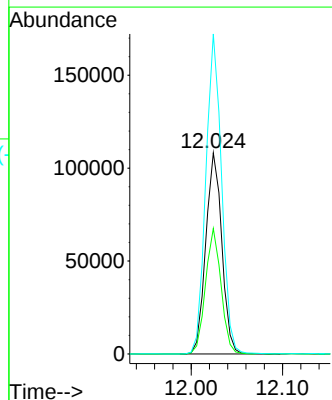
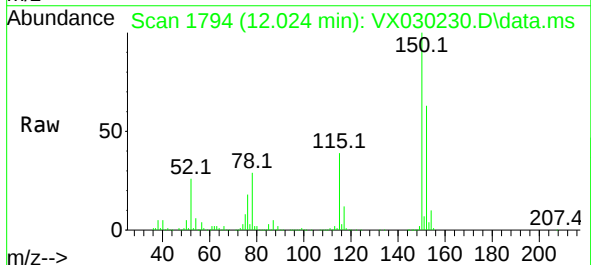
Instrument :
MSVOA_X
ClientSampleId :
SPC-10-84

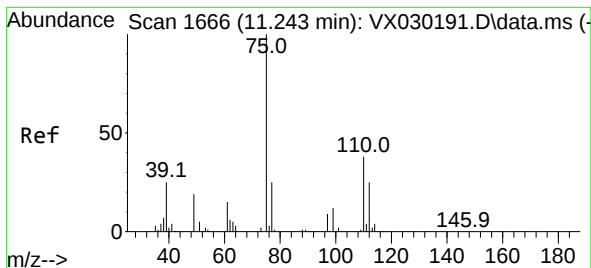
Tgt Ion: 91 Resp: 725
Ion Ratio Lower Upper
91 100
106 19.8 25.5 38.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030230.D
Acq: 27 Jul 2022 14:41

Tgt Ion:152 Resp: 131631
Ion Ratio Lower Upper
152 100
115 60.3 40.5 121.5
150 155.9 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 20.913 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.158 min

Lab File: VX030230.D

Acq: 27 Jul 2022 14:41

Instrument :

MSVOA_X

ClientSampleId :

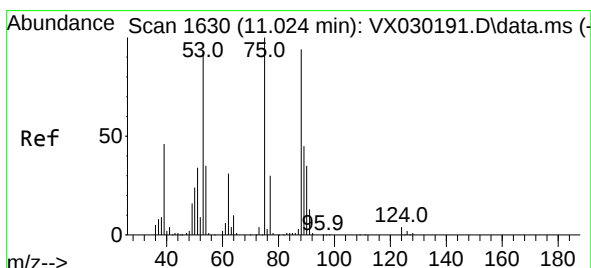
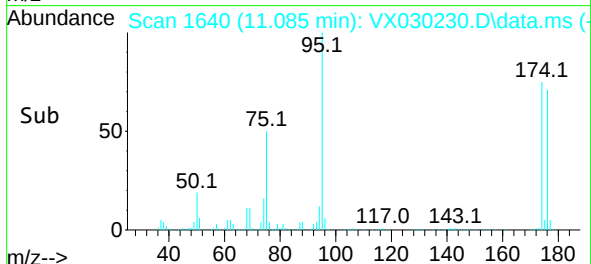
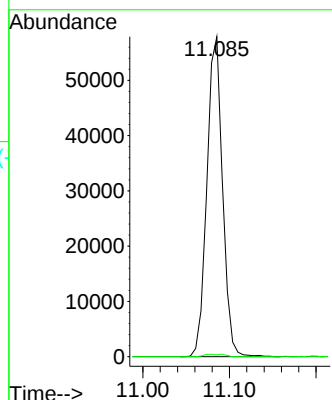
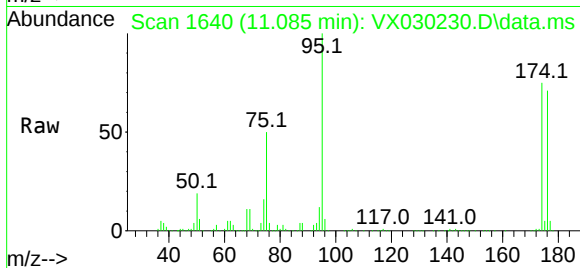
SPC-10-84

Tgt Ion: 75 Resp: 72564

Ion Ratio Lower Upper

75 100

77 1.0 19.8 59.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.739 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.061 min

Lab File: VX030230.D

Acq: 27 Jul 2022 14:41

Tgt Ion: 75 Resp: 72564

Ion Ratio Lower Upper

75 100

53 0.0 74.2 111.4#

89 0.0 34.8 52.2#

