

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072722\
 Data File : VX030229.D
 Acq On : 27 Jul 2022 14:17
 Operator : JC/MD
 Sample : N3876-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPC-07-84

Quant Time: Jul 28 05:50:29 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)

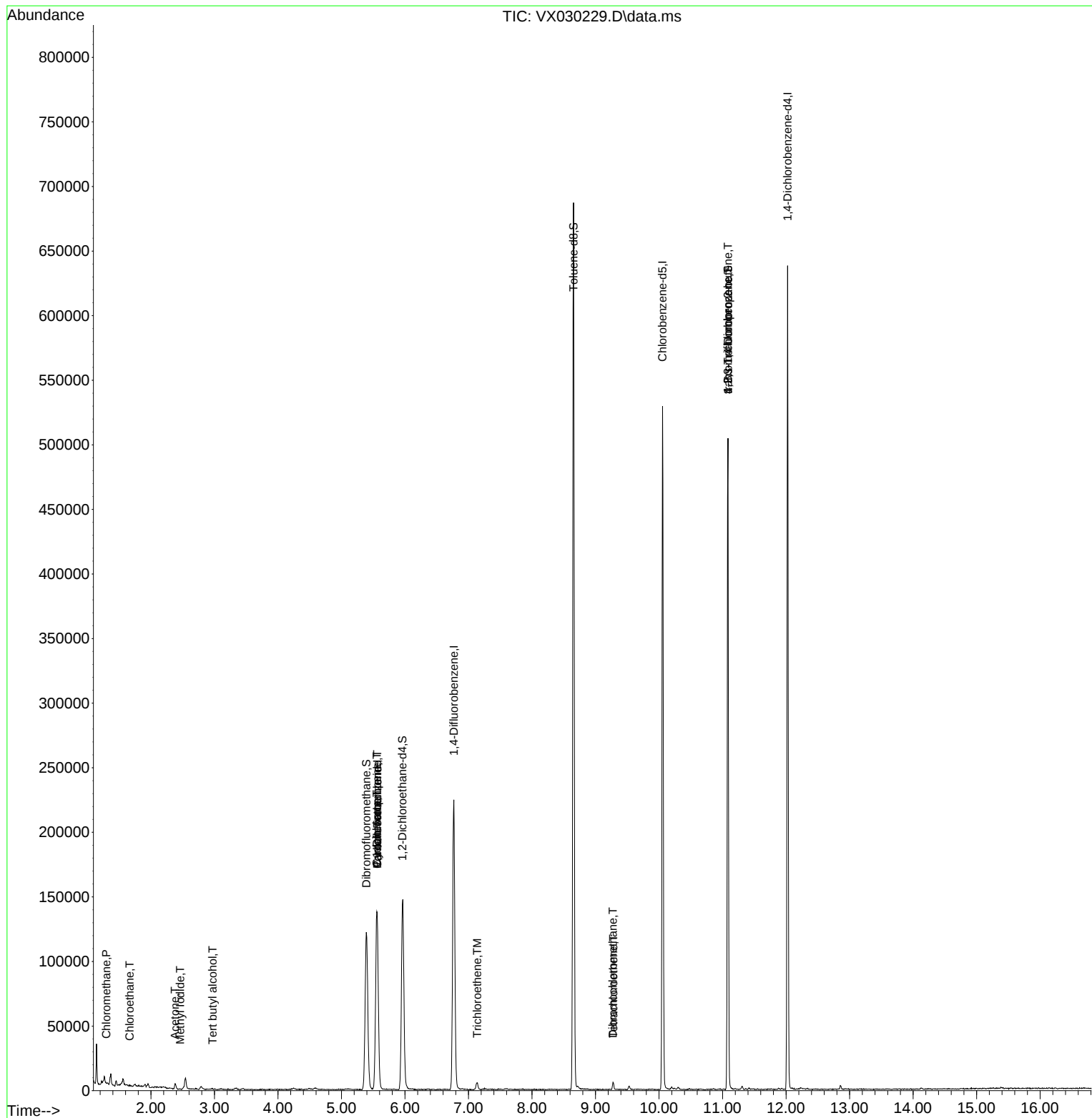
Internal Standards						
1) Pentafluorobenzene	5.562	168	132432	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	231625	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	140040	52.611	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.220%			
35) Dibromofluoromethane	5.391	113	109432	49.422	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.840%			
50) Toluene-d8	8.653	98	403686	47.078	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.160%			
62) 4-Bromofluorobenzene	11.085	95	139338	43.785	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 87.560%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	435	0.202	ug/l	98
5) Bromomethane	1.605	94	273	Below Cal	#	78
6) Chloroethane	1.666	64	315	0.253	ug/l	89
10) Methyl Iodide	2.459	142	403	1.714	ug/l #	76
11) Tert butyl alcohol	2.971	59	556	0.856	ug/l #	74
16) Acetone	2.380	43	4239	3.111	ug/l #	88
20) Methylene Chloride	2.788	84	939	Below Cal		93
31) Cyclohexane	5.556	56	3343	0.865	ug/l #	50
36) 1,1-Dichloropropene	5.556	75	11178	3.508	ug/l #	48
38) Carbon Tetrachloride	5.562	117	13310	4.474	ug/l #	17
44) Trichloroethene	7.135	130	2120	0.774	ug/l	98
60) Dibromochloromethane	9.275	129	989	0.410	ug/l #	11
64) Tetrachloroethene	9.281	164	949	0.376	ug/l	95
67) Ethyl Benzene	10.201	91	1333	Below Cal		99
76) 1,2,3-Trichloropropane	11.085	75	70919	21.514	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	70919	64.539	ug/l #	13

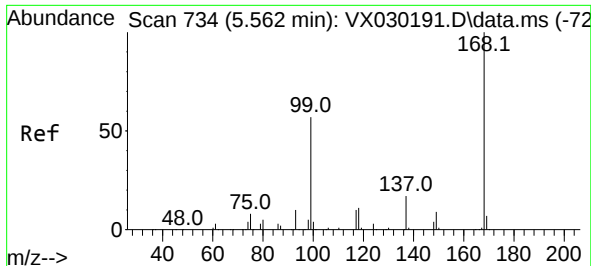
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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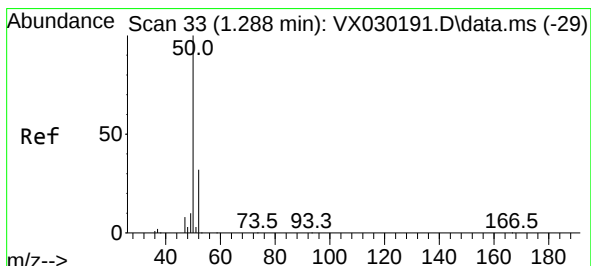
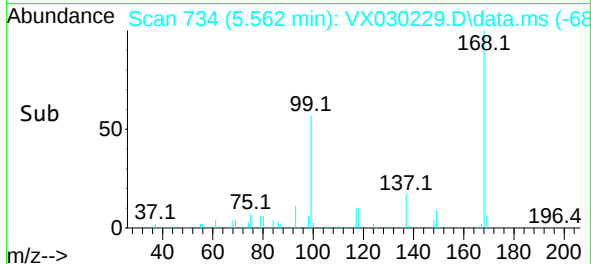
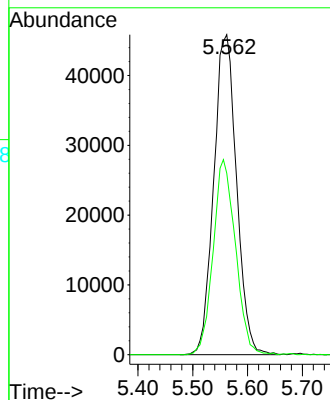
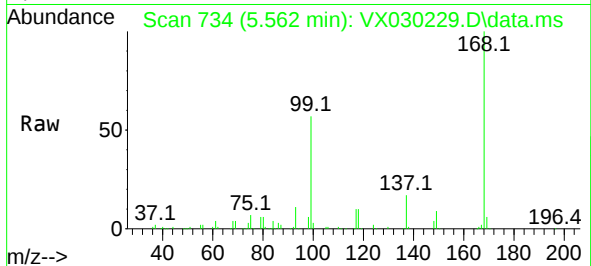




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030229.D
Acq: 27 Jul 2022 14:17

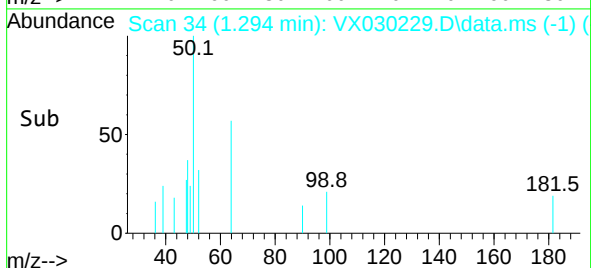
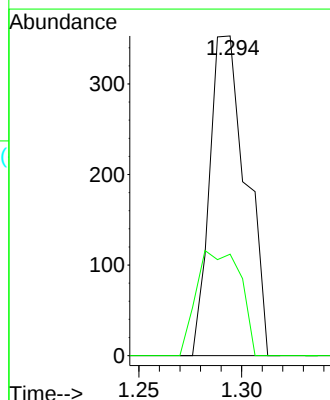
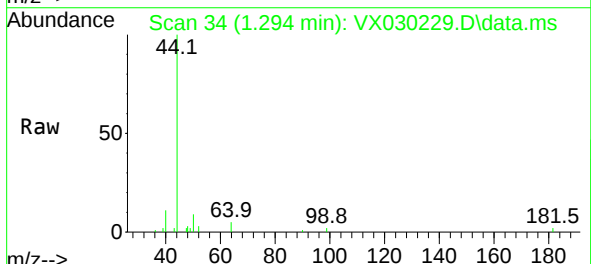
Instrument :
MSVOA_X
ClientSampleId :
SPC-07-84

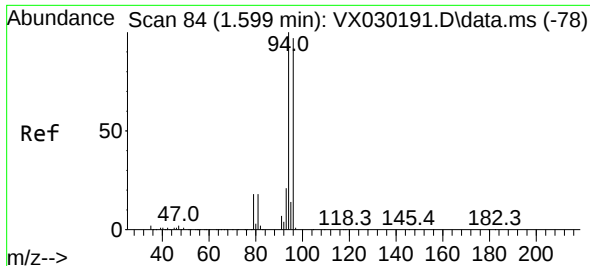
Tgt Ion:168 Resp: 132432
Ion Ratio Lower Upper
168 100
99 56.7 44.0 66.0



#3
Chloromethane
Concen: 0.202 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030229.D
Acq: 27 Jul 2022 14:17

Tgt Ion: 50 Resp: 435
Ion Ratio Lower Upper
50 100
52 31.7 26.3 39.5

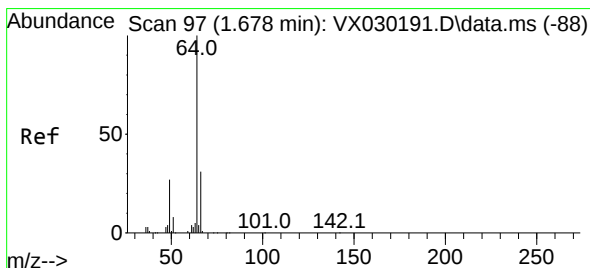
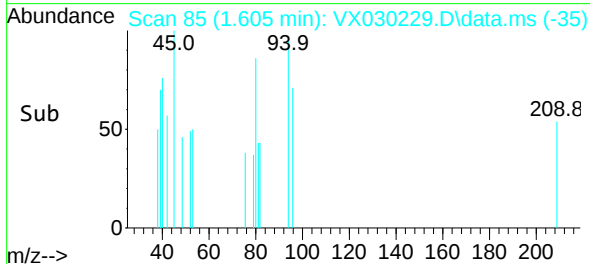
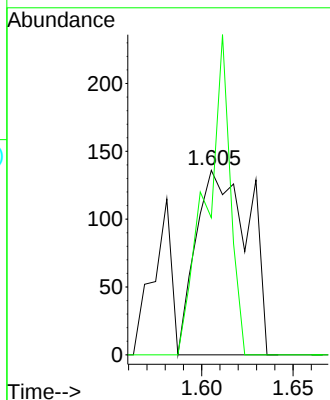
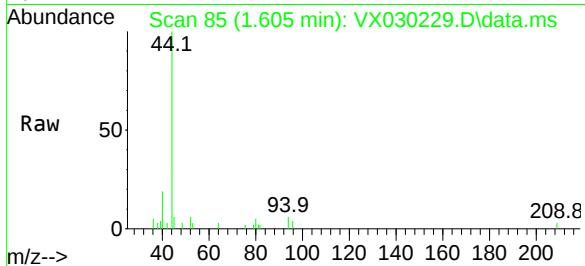




#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX030229.D
Acq: 27 Jul 2022 14:17

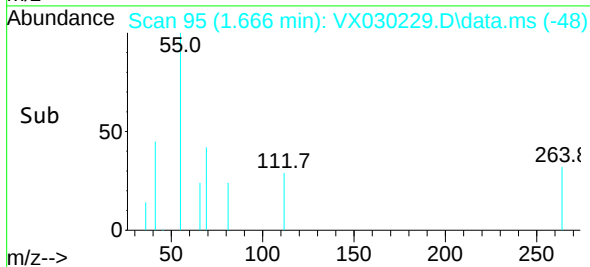
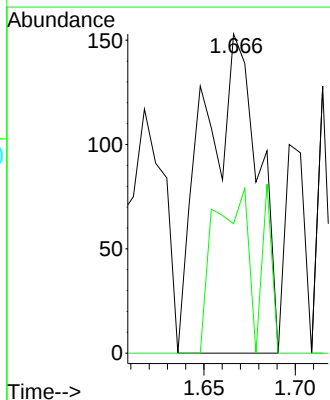
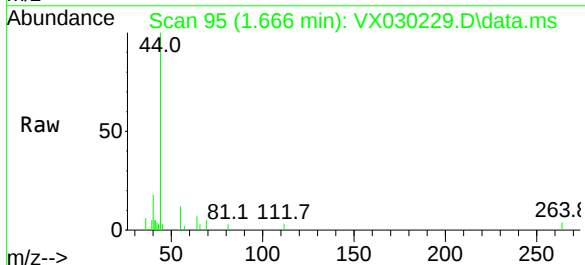
Instrument :
MSVOA_X
ClientSampleId :
SPC-07-84

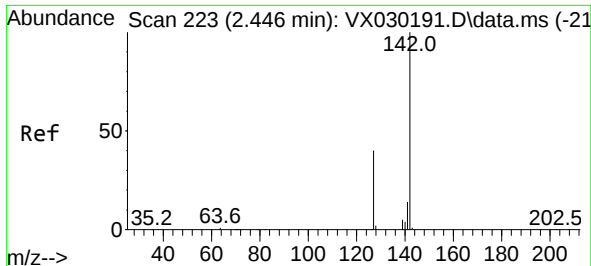
Tgt Ion: 94 Resp: 273
Ion Ratio Lower Upper
94 100
96 74.3 76.9 115.3#



#6
Chloroethane
Concen: 0.253 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.012 min
Lab File: VX030229.D
Acq: 27 Jul 2022 14:17

Tgt Ion: 64 Resp: 315
Ion Ratio Lower Upper
64 100
66 40.5 27.2 40.8





#10

Methyl Iodide

Concen: 1.714 ug/l

RT: 2.459 min Scan# 21

Delta R.T. 0.013 min

Lab File: VX030229.D

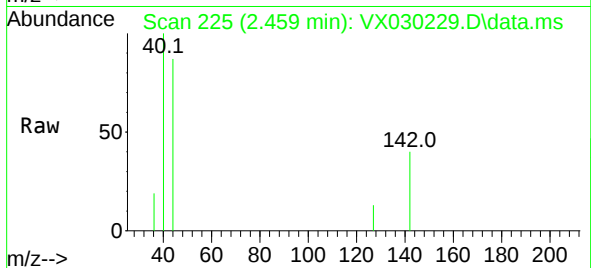
Acq: 27 Jul 2022 14:17

Instrument :

MSVOA_X

ClientSampleId :

SPC-07-84



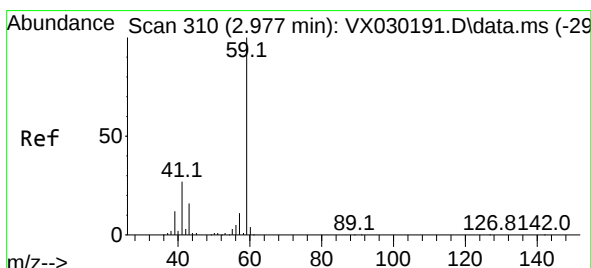
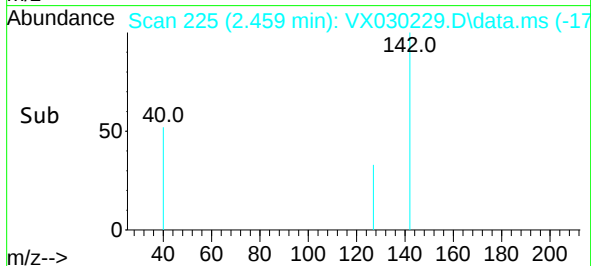
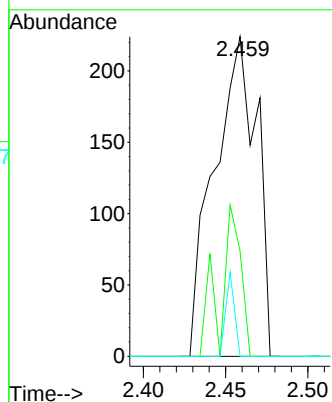
Tgt Ion:142 Resp: 403

Ion Ratio Lower Upper

142 100

127 22.8 30.2 45.2#

141 5.5 11.3 16.9#



#11

Tert butyl alcohol

Concen: 0.856 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.006 min

Lab File: VX030229.D

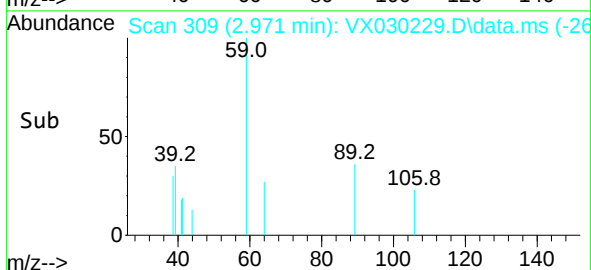
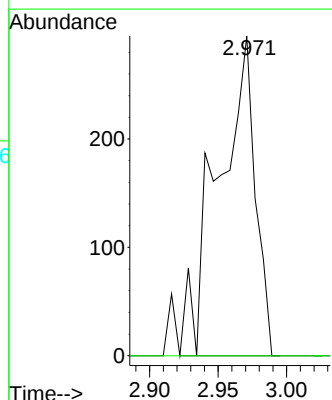
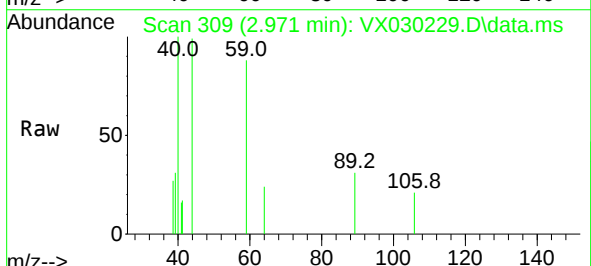
Acq: 27 Jul 2022 14:17

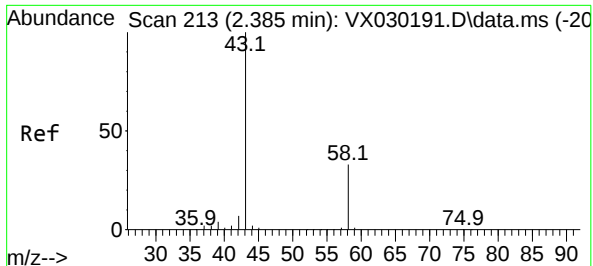
Tgt Ion: 59 Resp: 556

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#

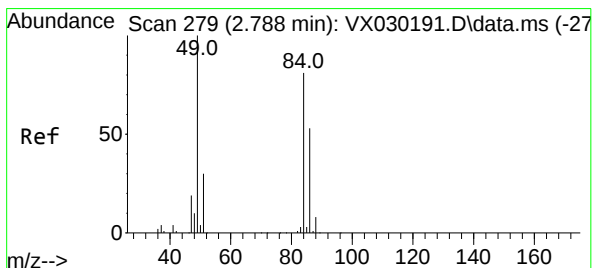
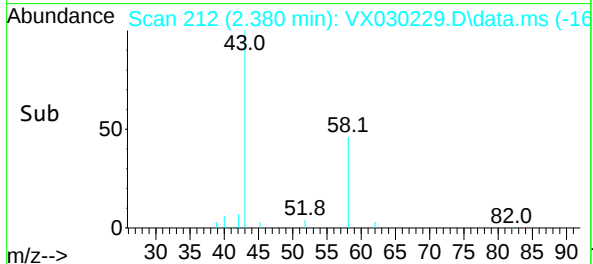
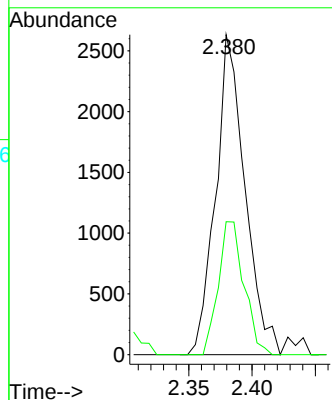
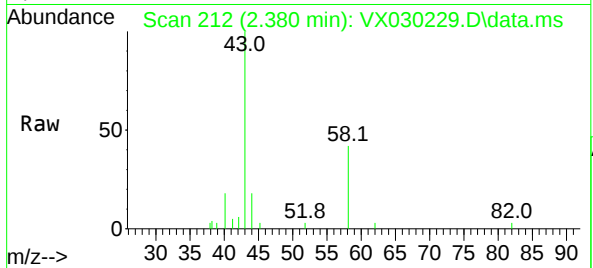




#16
Acetone
Concen: 3.111 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.005 min
Lab File: VX030229.D
Acq: 27 Jul 2022 14:17

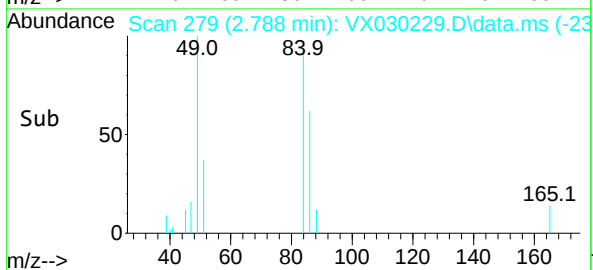
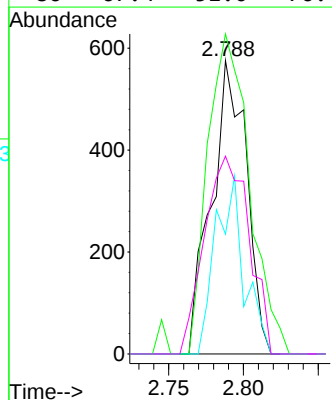
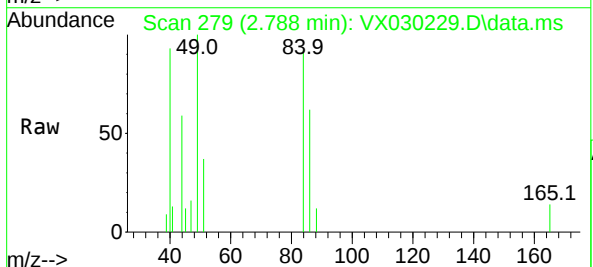
Instrument :
MSVOA_X
ClientSampleId :
SPC-07-84

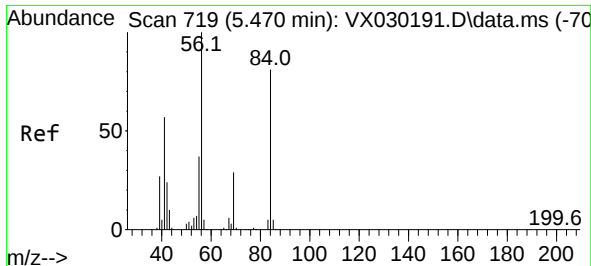
Tgt Ion: 43 Resp: 4239
Ion Ratio Lower Upper
43 100
58 41.5 27.7 41.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX030229.D
Acq: 27 Jul 2022 14:17

Tgt Ion: 84 Resp: 939
Ion Ratio Lower Upper
84 100
49 109.0 93.8 140.6
51 40.8 29.4 44.0
86 67.4 51.0 76.4

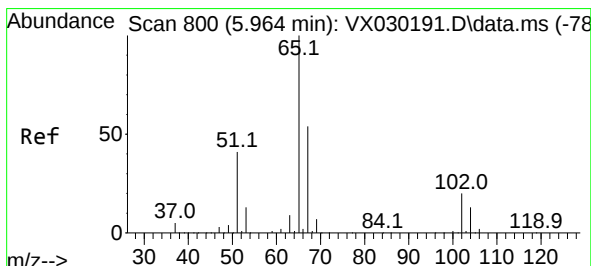
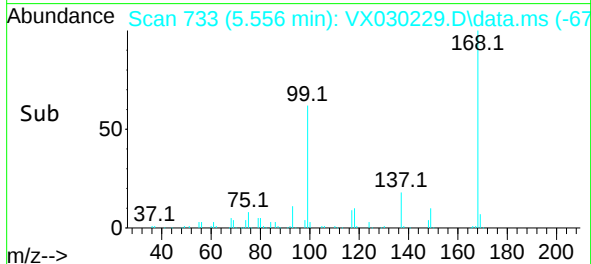
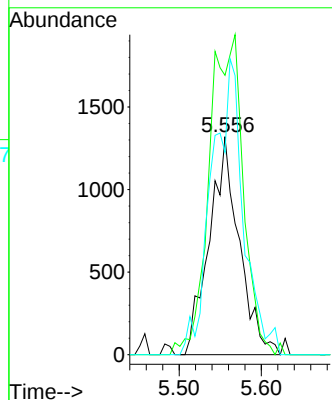
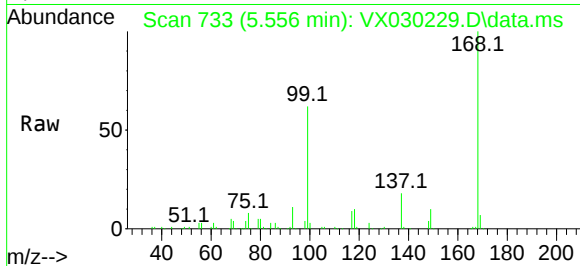




#31
Cyclohexane
Concen: 0.865 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX030229.D
Acq: 27 Jul 2022 14:17

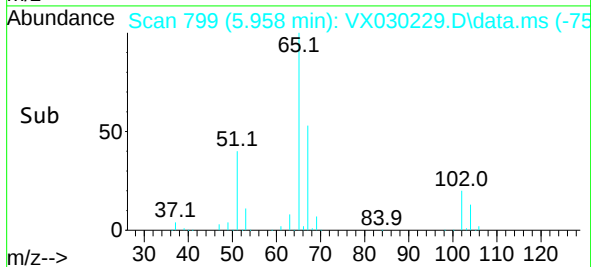
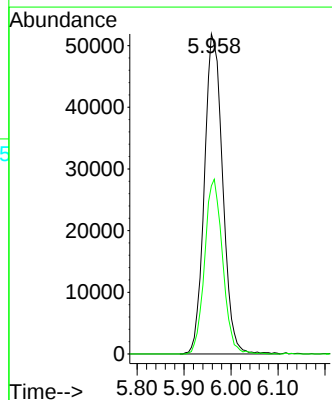
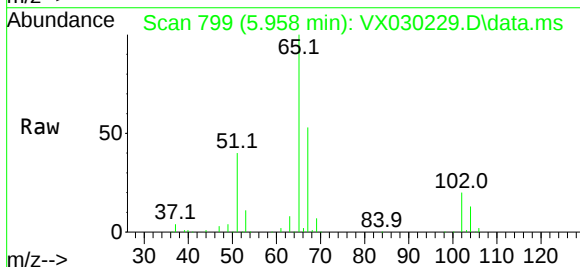
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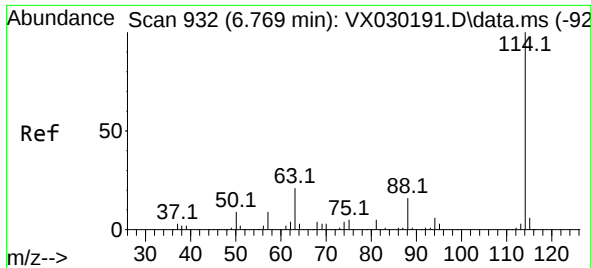
Tgt Ion: 56 Resp: 3343
Ion Ratio Lower Upper
56 100
69 124.2 25.4 38.0#
84 92.8 68.9 103.3



#33
1,2-Dichloroethane-d4
Concen: 52.611 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX030229.D
Acq: 27 Jul 2022 14:17

Tgt Ion: 65 Resp: 140040
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.6

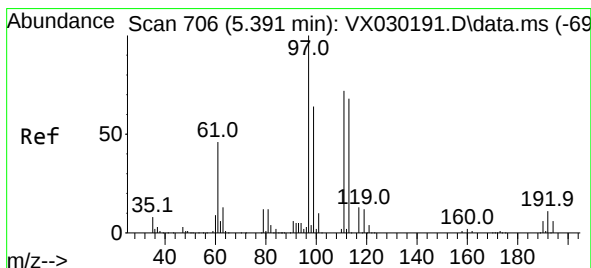
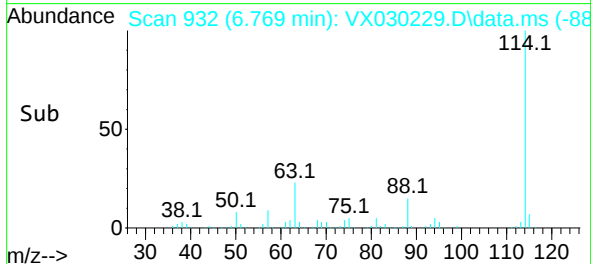
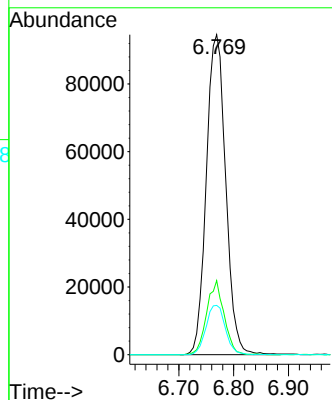
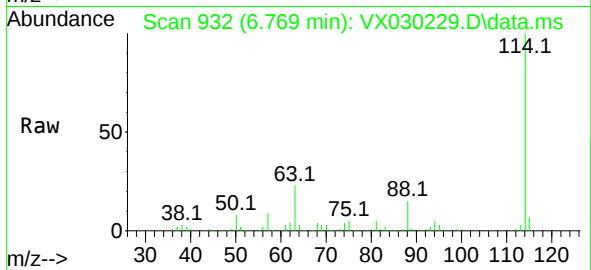




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX030229.D
Acq: 27 Jul 2022 14:17

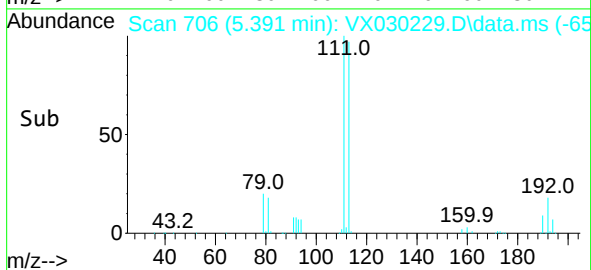
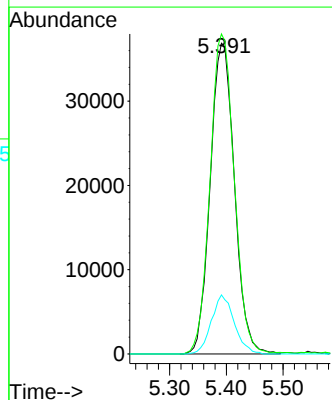
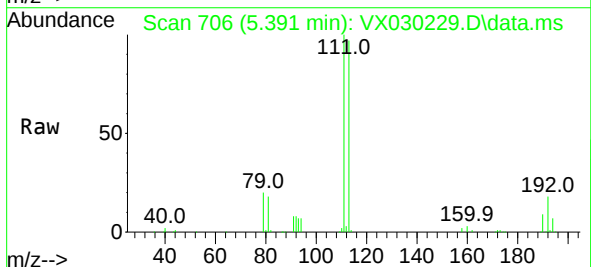
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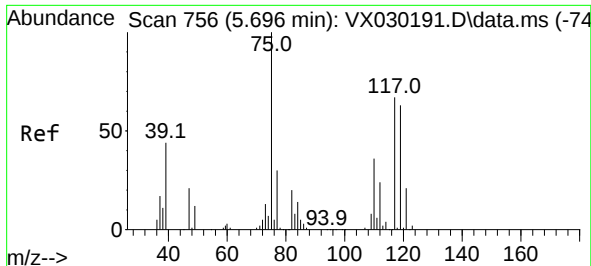
Tgt Ion:114 Resp: 231625
Ion Ratio Lower Upper
114 100
63 23.2 0.0 38.4
88 15.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.422 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030229.D
Acq: 27 Jul 2022 14:17

Tgt Ion:113 Resp: 109432
Ion Ratio Lower Upper
113 100
111 103.1 83.2 124.8
192 18.0 14.8 22.2

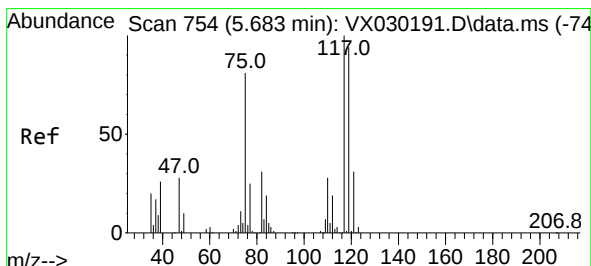
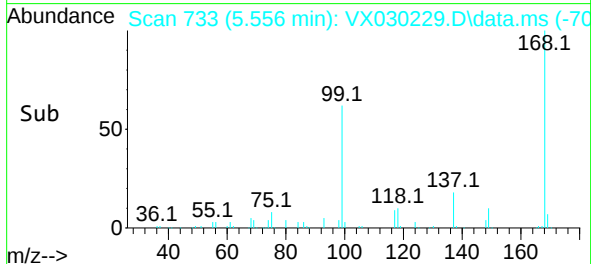
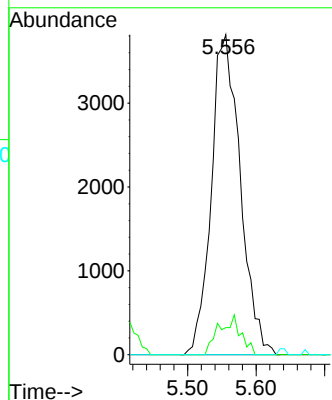
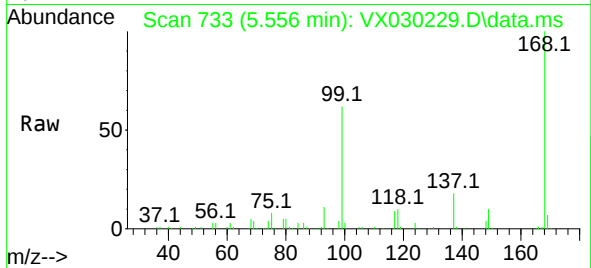




#36
1,1-Dichloropropene
Concen: 3.508 ug/l
RT: 5.556 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX030229.D
Acq: 27 Jul 2022 14:17

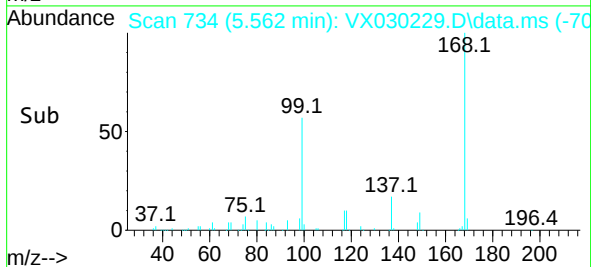
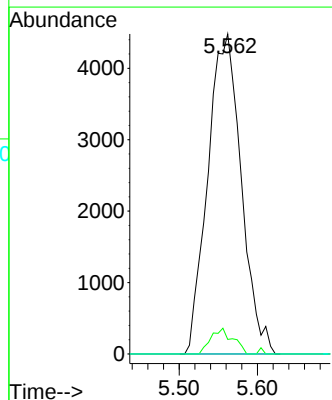
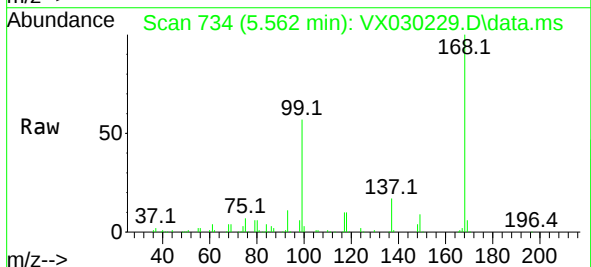
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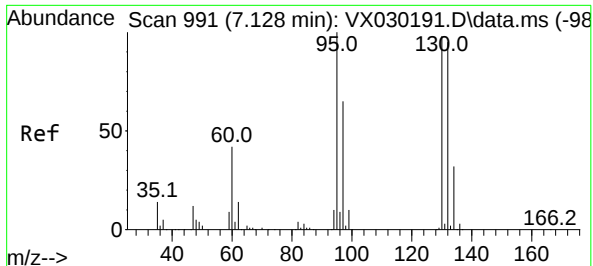
Tgt Ion: 75 Resp: 11178
Ion Ratio Lower Upper
75 100
110 9.3 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.474 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.121 min
Lab File: VX030229.D
Acq: 27 Jul 2022 14:17

Tgt Ion: 117 Resp: 13310
Ion Ratio Lower Upper
117 100
119 4.6 74.1 111.1#
121 0.0 25.8 38.8#

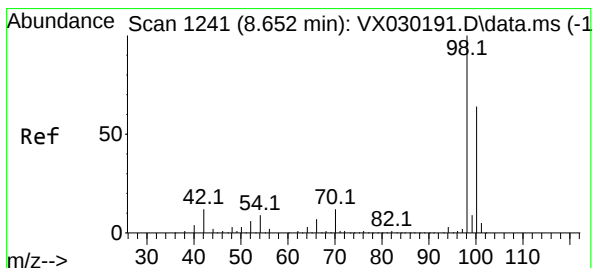
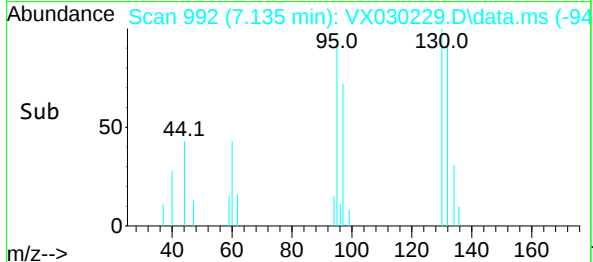
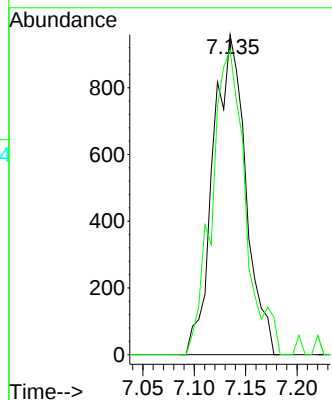
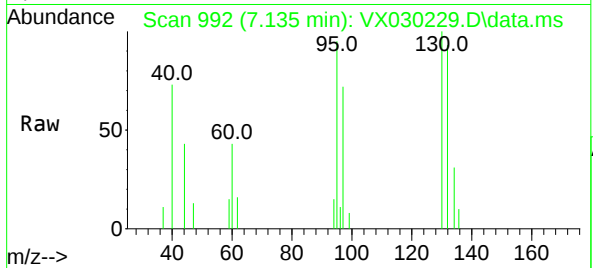




#44
Trichloroethene
Concen: 0.774 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX030229.D
Acq: 27 Jul 2022 14:17

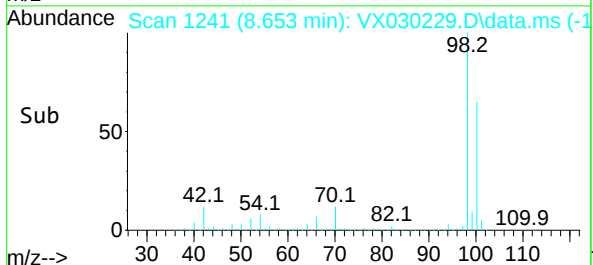
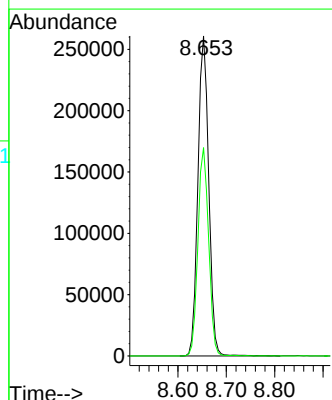
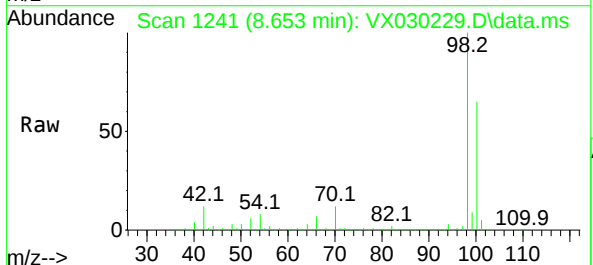
Instrument :
MSVOA_X
ClientSampleId :
SPC-07-84

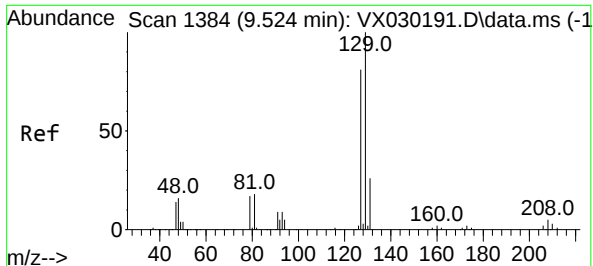
Tgt Ion:130 Resp: 2120
Ion Ratio Lower Upper
130 100
95 95.2 0.0 194.8



#50
Toluene-d8
Concen: 47.078 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030229.D
Acq: 27 Jul 2022 14:17

Tgt Ion: 98 Resp: 403686
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5

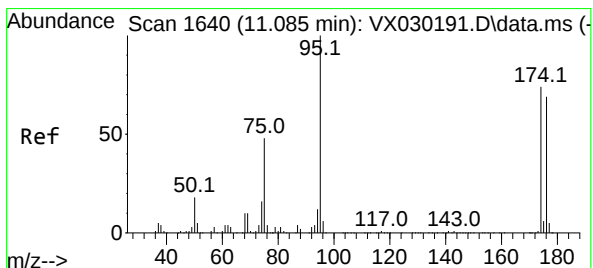
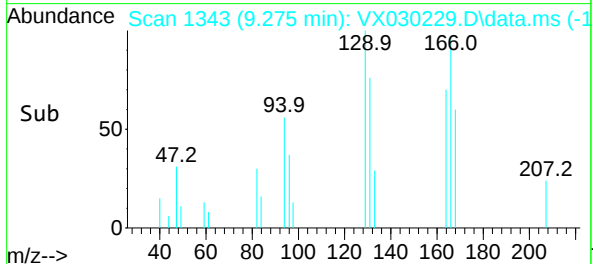
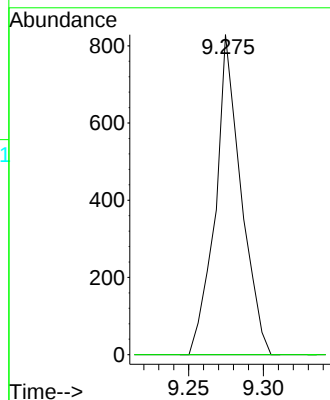
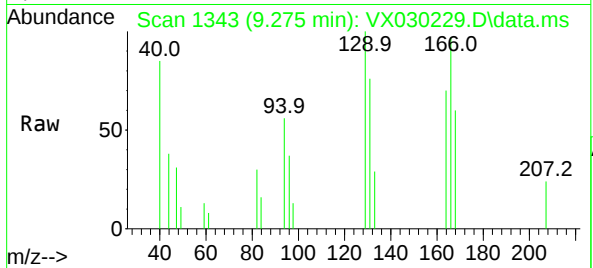




#60
Dibromochloromethane
Concen: 0.410 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.249 min
Lab File: VX030229.D
Acq: 27 Jul 2022 14:17

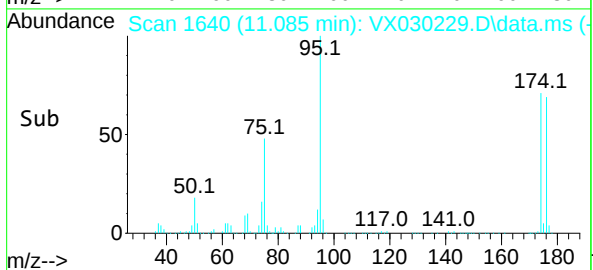
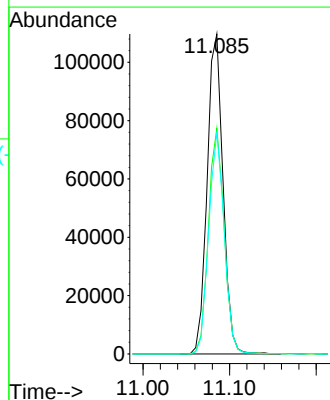
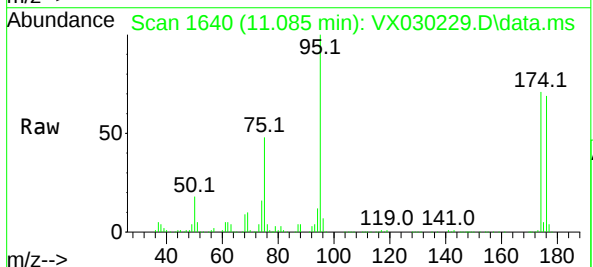
Instrument :
MSVOA_X
ClientSampleId :
SPC-07-84

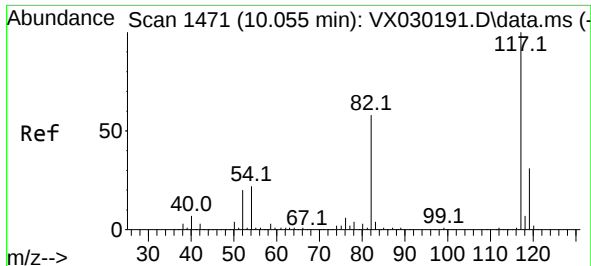
Tgt Ion:129 Resp: 989
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 43.785 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030229.D
Acq: 27 Jul 2022 14:17

Tgt Ion: 95 Resp: 139338
Ion Ratio Lower Upper
95 100
174 70.2 0.0 149.0
176 67.9 0.0 146.0

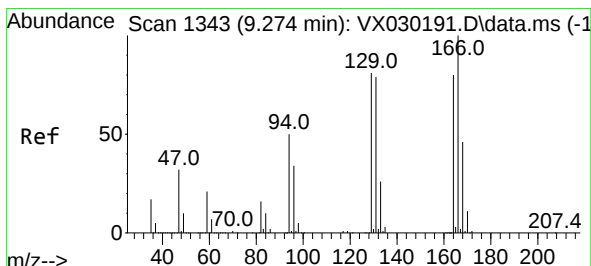
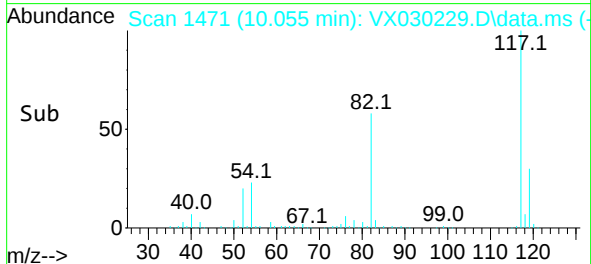
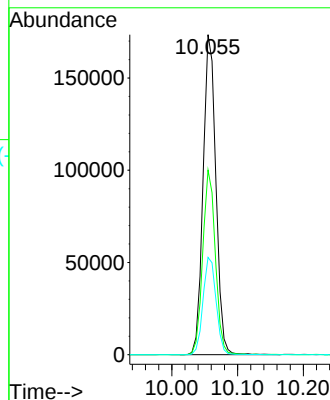
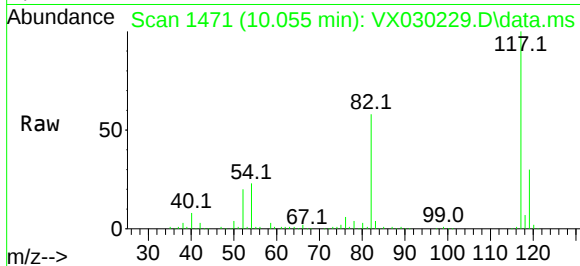




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030229.D
Acq: 27 Jul 2022 14:17

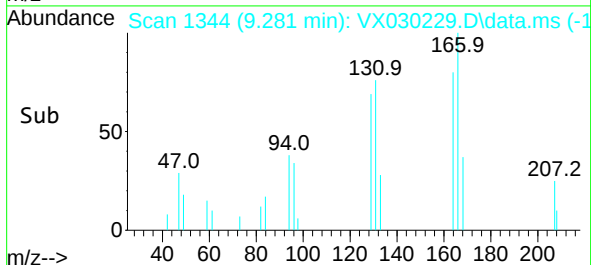
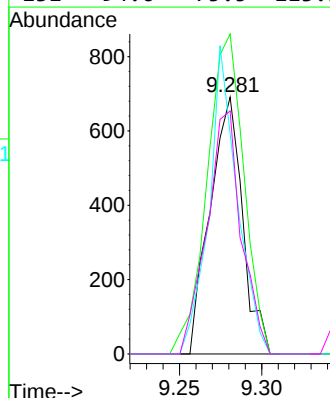
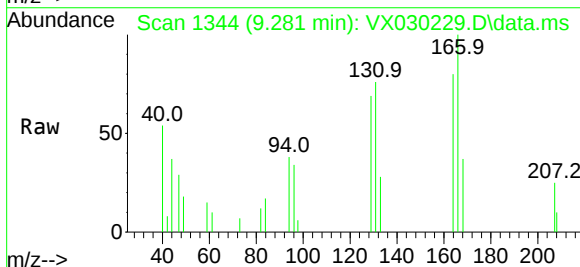
Instrument :
MSVOA_X
ClientSampleId :
SPC-07-84

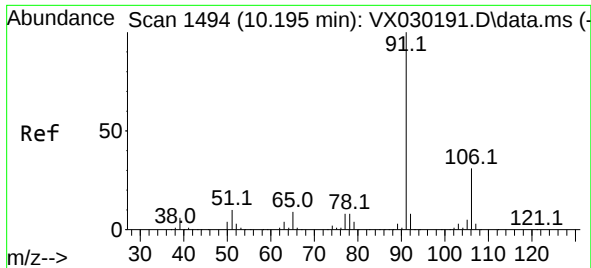
Tgt Ion:117 Resp: 234489
Ion Ratio Lower Upper
117 100
82 57.7 42.7 64.1
119 30.4 25.4 38.2



#64
Tetrachloroethene
Concen: 0.376 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.007 min
Lab File: VX030229.D
Acq: 27 Jul 2022 14:17

Tgt Ion:164 Resp: 949
Ion Ratio Lower Upper
164 100
166 124.6 98.2 147.4
129 85.8 80.8 121.2
131 94.6 75.5 113.3

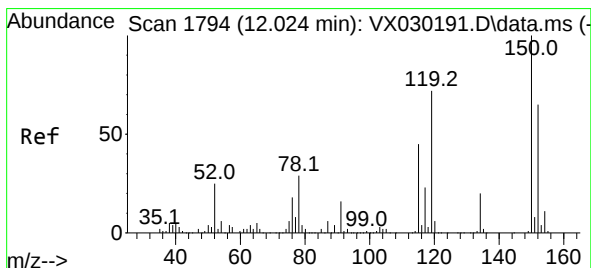
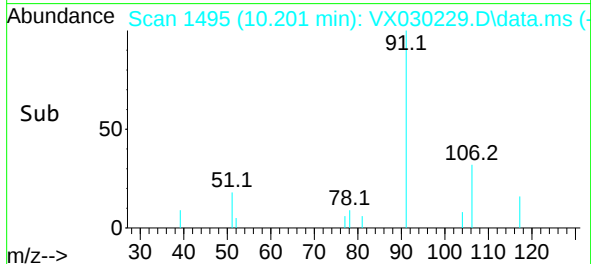
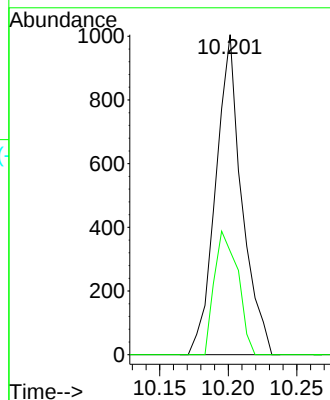
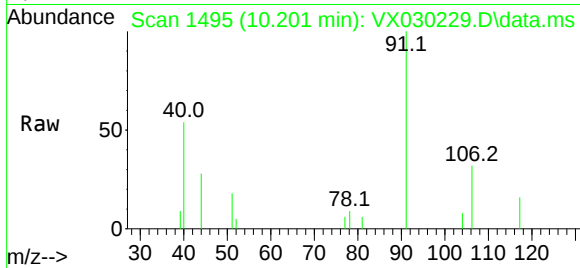




#67
Ethyl Benzene
Concen: Below Cal
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX030229.D
Acq: 27 Jul 2022 14:17

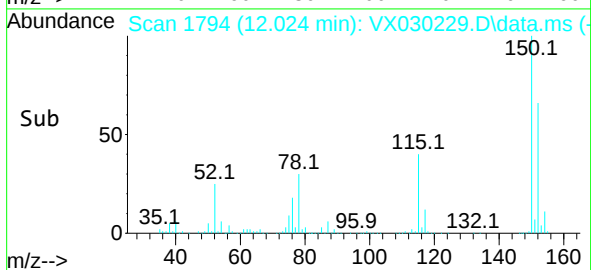
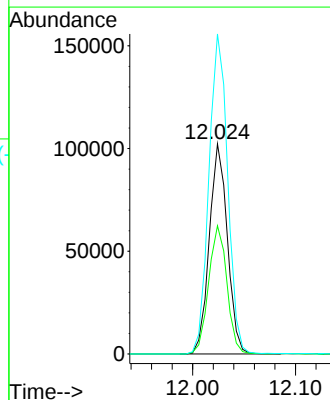
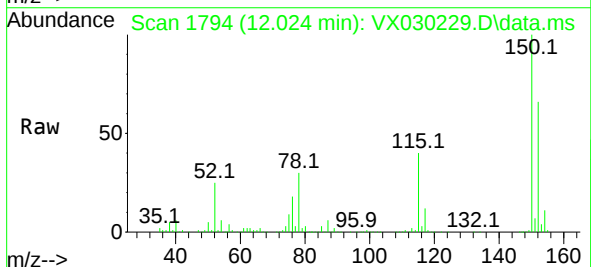
Instrument :
MSVOA_X
ClientSampleId :
SPC-07-84

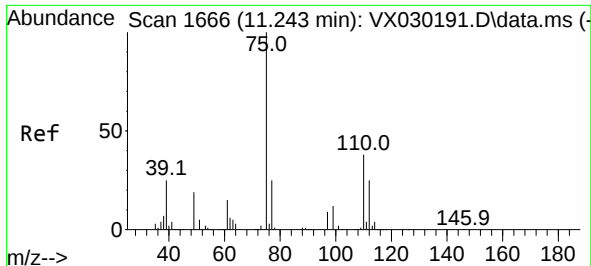
Tgt Ion: 91 Resp: 1333
Ion Ratio Lower Upper
91 100
106 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030229.D
Acq: 27 Jul 2022 14:17

Tgt Ion:152 Resp: 125058
Ion Ratio Lower Upper
152 100
115 61.6 40.5 121.5
150 157.8 0.0 347.0

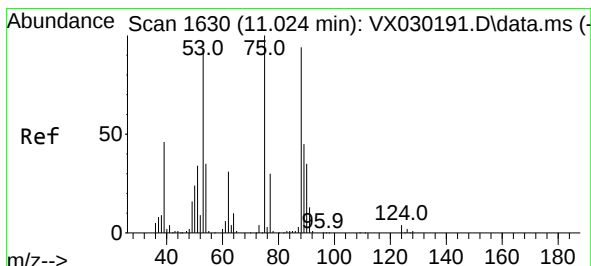
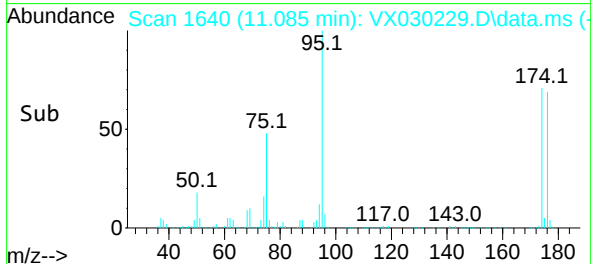
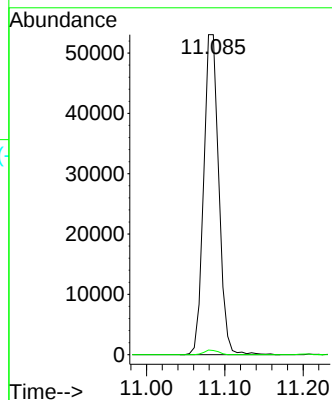
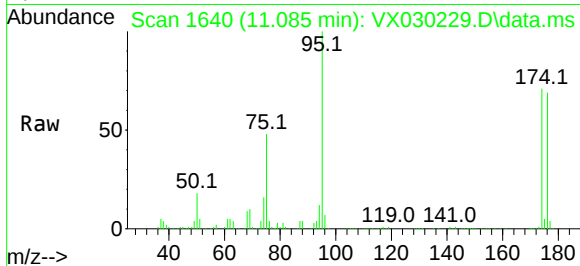




#76
1,2,3-Trichloropropane
Concen: 21.514 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX030229.D
Acq: 27 Jul 2022 14:17

Instrument :
MSVOA_X
ClientSampleId :
SPC-07-84

Tgt Ion: 75 Resp: 70919
Ion Ratio Lower Upper
75 100
77 1.3 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.539 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX030229.D
Acq: 27 Jul 2022 14:17

Tgt Ion: 75 Resp: 70919
Ion Ratio Lower Upper
75 100
53 0.1 74.2 111.4#
89 0.1 34.8 52.2#

