

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072622\
 Data File : VX030217.D
 Acq On : 26 Jul 2022 18:00
 Operator : JC/MD
 Sample : N3876-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPC-11-84

Quant Time: Jul 26 18:22:29 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

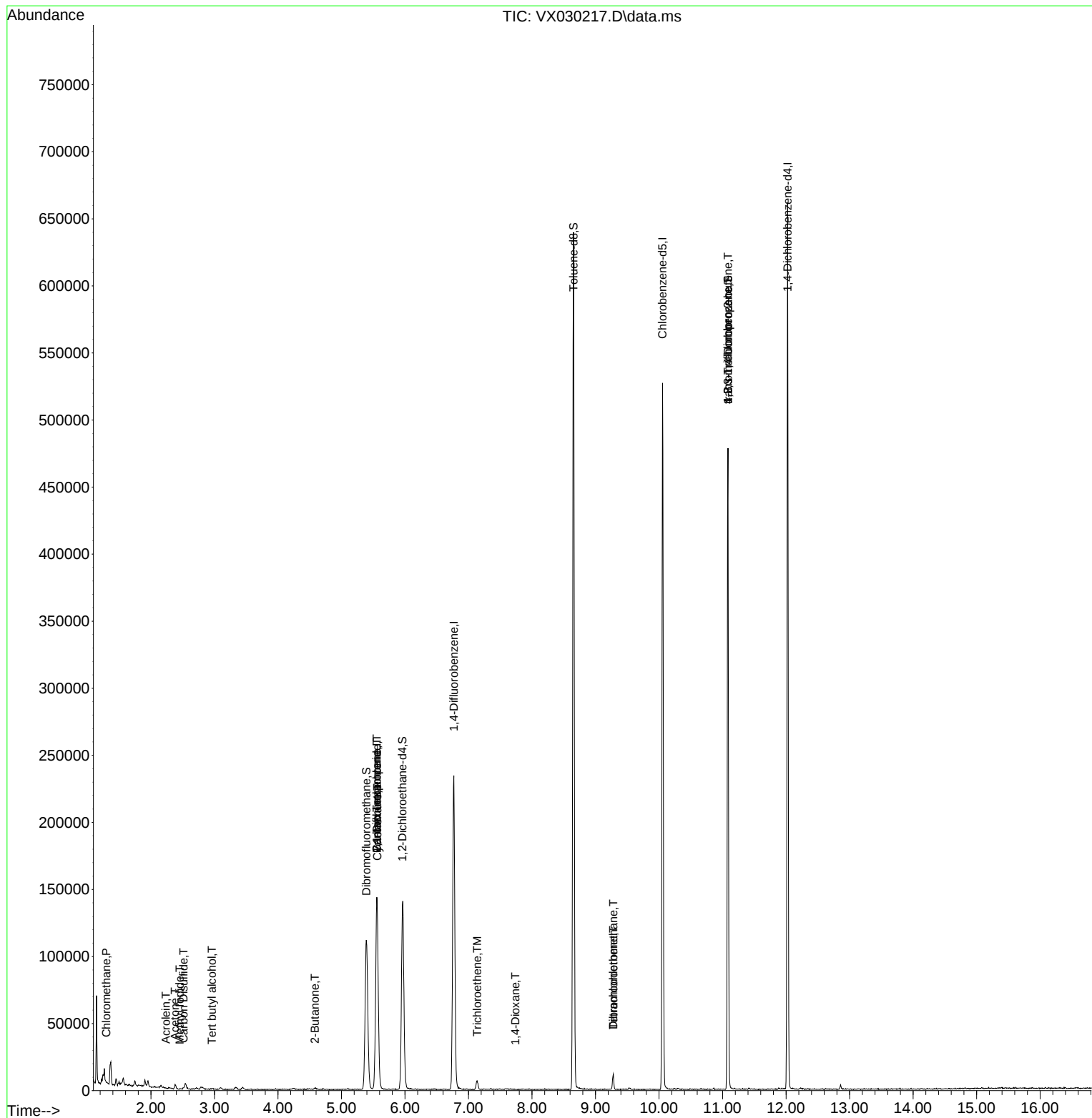
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	132353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	232642	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235270	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126702	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	130283	48.975	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.940%
35) Dibromofluoromethane	5.391	113	102707	46.182	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.360%
50) Toluene-d8	8.653	98	375981	43.655	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	87.320%
62) 4-Bromofluorobenzene	11.085	95	130548	40.843	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	81.680%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	473	0.220	ug/l	94
5) Bromomethane	1.605	94	289	Below Cal		85
10) Methyl Iodide	2.453	142	227	1.632	ug/l #	84
11) Tert butyl alcohol	2.959	59	381	0.587	ug/l #	74
13) Acrolein	2.233	56	121	0.759	ug/l #	36
16) Acetone	2.380	43	3398	2.495	ug/l	98
17) Carbon Disulfide	2.514	76	1251	0.224	ug/l	100
20) Methylene Chloride	2.782	84	815	Below Cal	#	67
25) 2-Butanone	4.580	43	1416	0.619	ug/l	98
31) Cyclohexane	5.562	56	3364	0.871	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10656	3.329	ug/l #	48
38) Carbon Tetrachloride	5.556	117	13598	4.551	ug/l #	17
44) Trichloroethene	7.135	130	2565	0.932	ug/l	83
49) 1,4-Dioxane	7.738	88	19	0.252	ug/l #	1
60) Dibromochloromethane	9.281	129	2027	0.837	ug/l #	11
64) Tetrachloroethene	9.281	164	2031	0.802	ug/l	89
67) Ethyl Benzene	10.195	91	262	Below Cal	#	43
76) 1,2,3-Trichloropropane	11.085	75	65935	19.742	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	65935	59.225	ug/l #	12

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

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Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 2022
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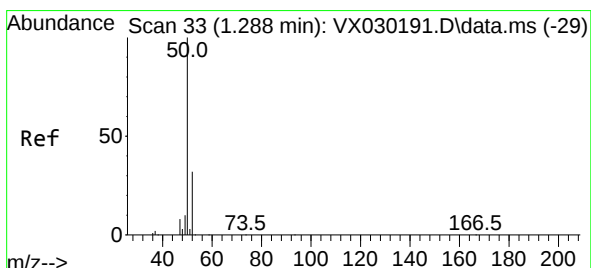
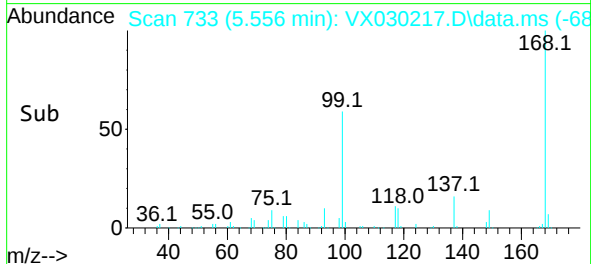
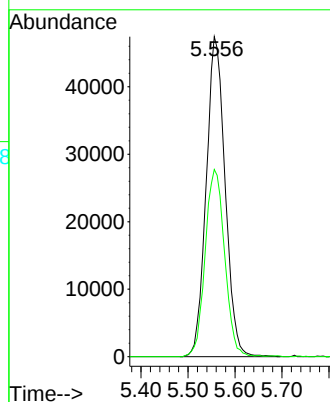
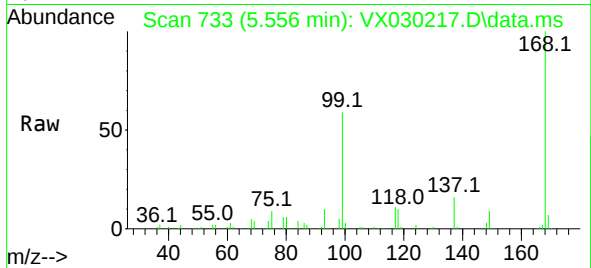




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030217.D
Acq: 26 Jul 2022 18:00

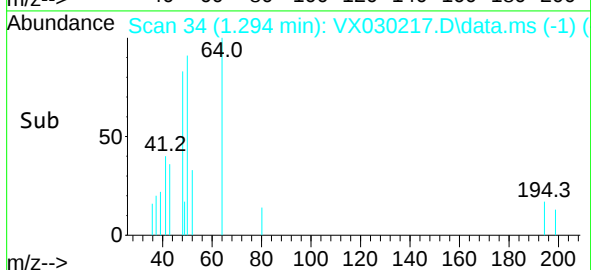
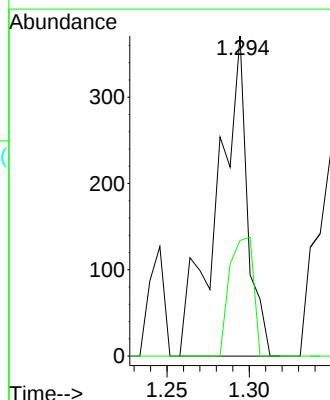
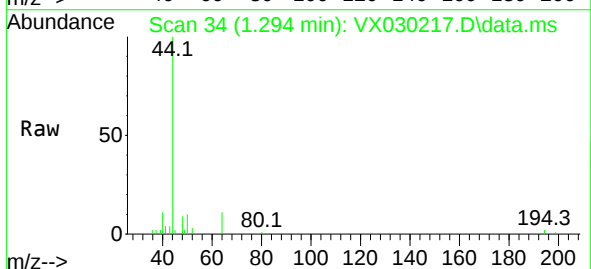
Instrument :
MSVOA_X
ClientSampleId :
SPC-11-84

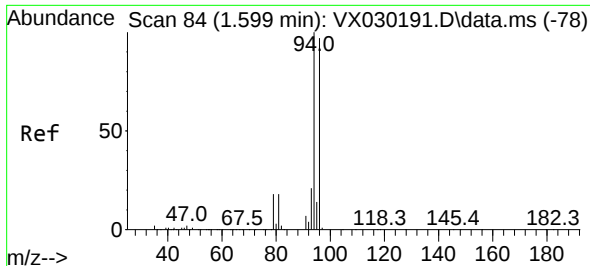
Tgt Ion:168 Resp: 132353
Ion Ratio Lower Upper
168 100
99 58.5 44.0 66.0



#3
Chloromethane
Concen: 0.220 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030217.D
Acq: 26 Jul 2022 18:00

Tgt Ion: 50 Resp: 473
Ion Ratio Lower Upper
50 100
52 36.1 26.3 39.5

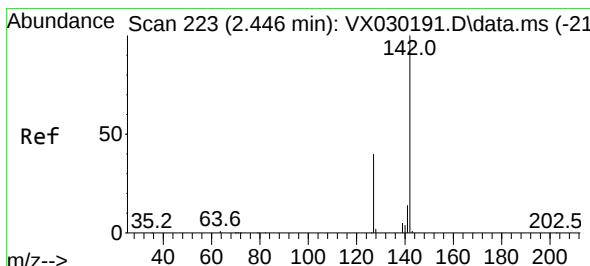
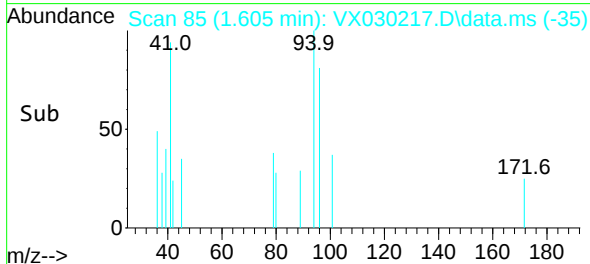
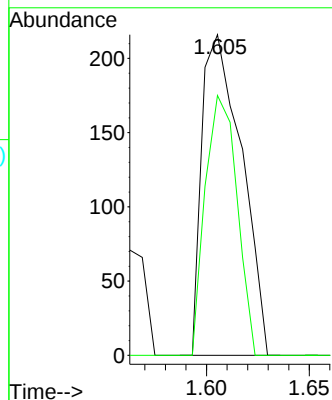
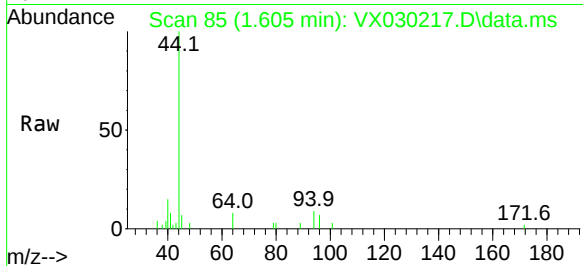




#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX030217.D
Acq: 26 Jul 2022 18:00

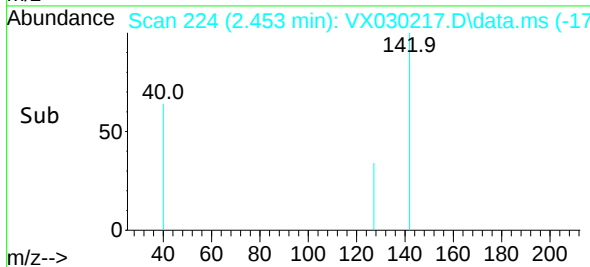
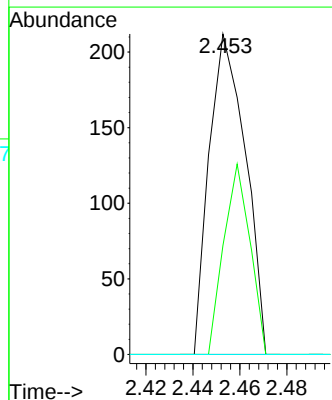
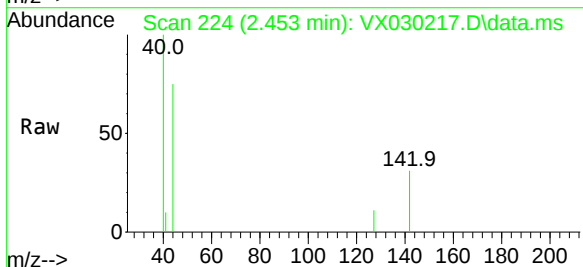
Instrument :
MSVOA_X
ClientSampleId :
SPC-11-84

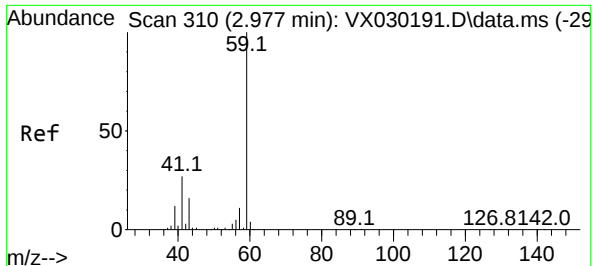
Tgt Ion: 94 Resp: 289
Ion Ratio Lower Upper
94 100
96 81.0 76.9 115.3



#10
Methyl Iodide
Concen: 1.632 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.007 min
Lab File: VX030217.D
Acq: 26 Jul 2022 18:00

Tgt Ion: 142 Resp: 227
Ion Ratio Lower Upper
142 100
127 43.2 30.2 45.2
141 0.0 11.3 16.9#





#11

Tert butyl alcohol

Concen: 0.587 ug/l

RT: 2.959 min Scan# 30

Delta R.T. -0.018 min

Lab File: VX030217.D

Acq: 26 Jul 2022 18:00

Instrument :

MSVOA_X

ClientSampleId :

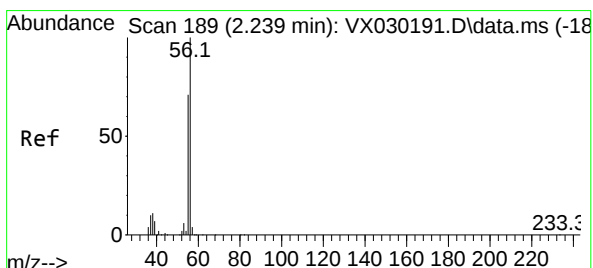
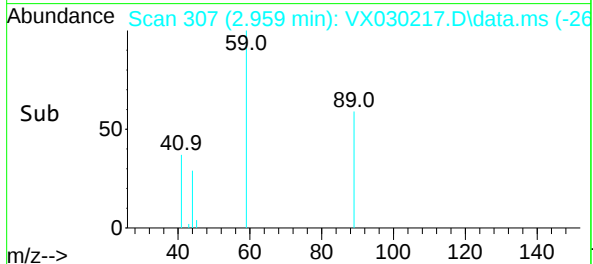
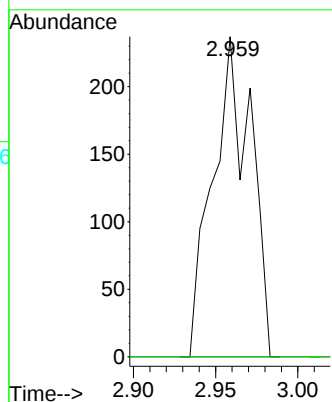
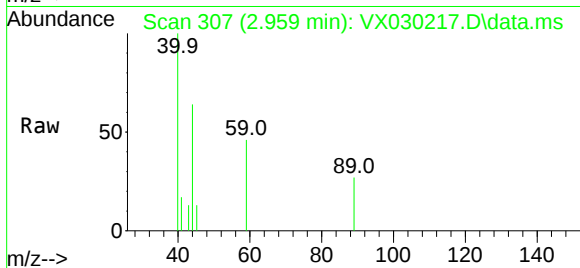
SPC-11-84

Tgt Ion: 59 Resp: 381

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#13

Acrolein

Concen: 0.759 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX030217.D

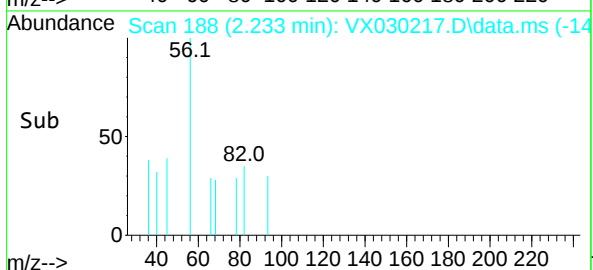
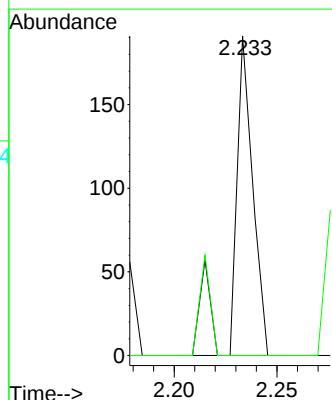
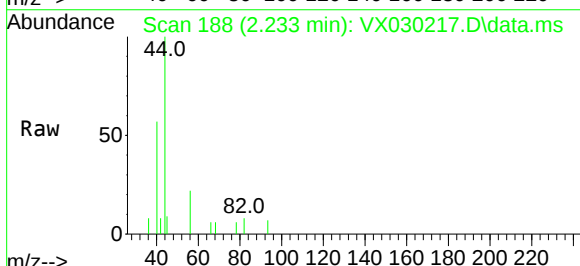
Acq: 26 Jul 2022 18:00

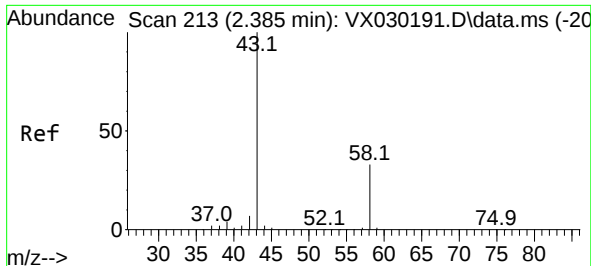
Tgt Ion: 56 Resp: 121

Ion Ratio Lower Upper

56 100

55 18.2 56.6 84.8#

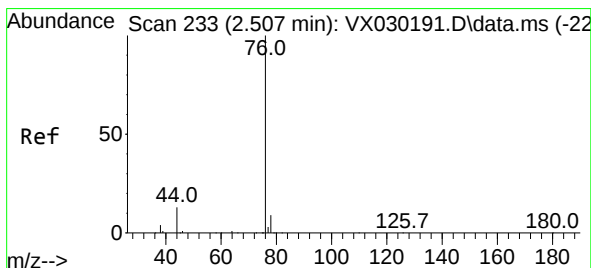
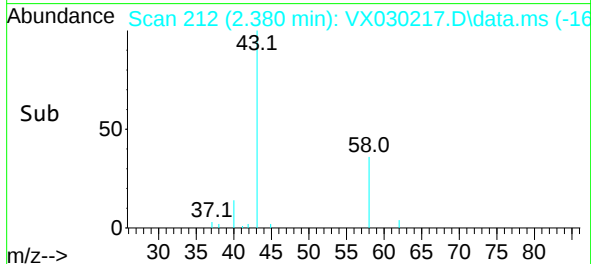
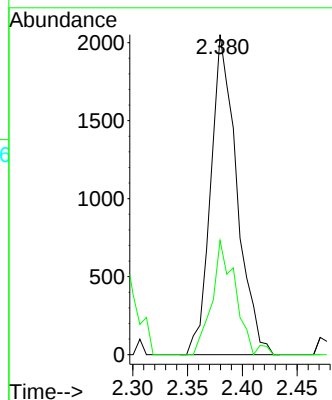
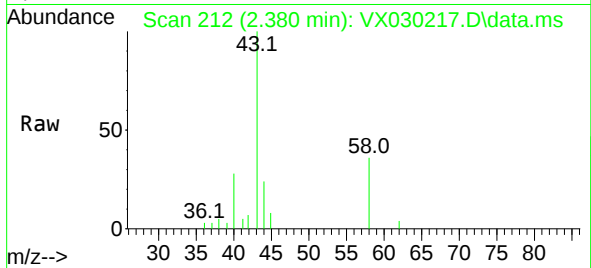




#16
Acetone
Concen: 2.495 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.005 min
Lab File: VX030217.D
Acq: 26 Jul 2022 18:00

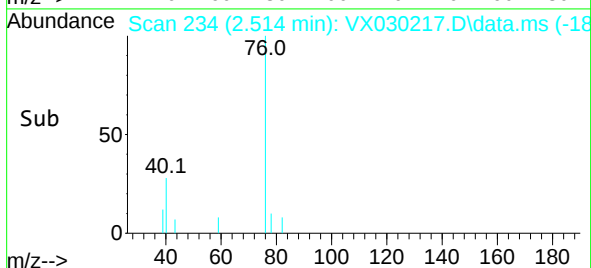
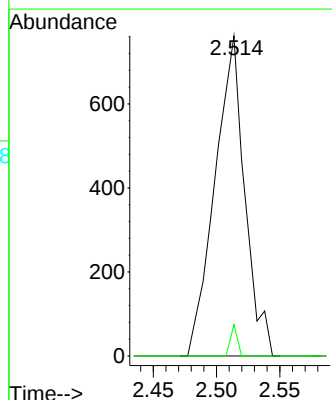
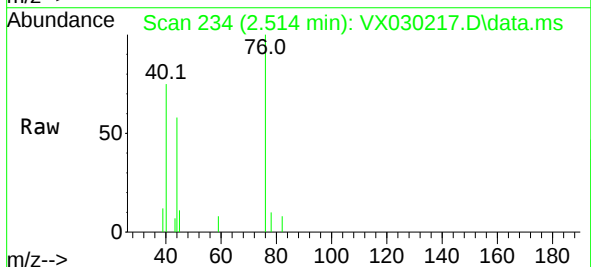
Instrument :
MSVOA_X
ClientSampleId :
SPC-11-84

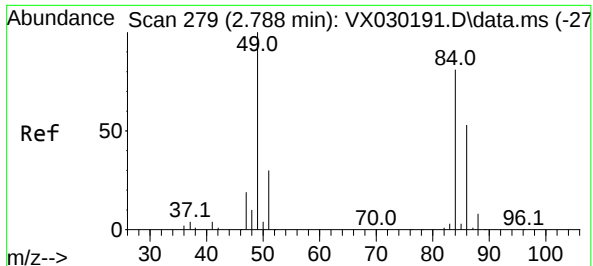
Tgt Ion: 43 Resp: 3398
Ion Ratio Lower Upper
43 100
58 35.7 27.7 41.5



#17
Carbon Disulfide
Concen: 0.224 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.007 min
Lab File: VX030217.D
Acq: 26 Jul 2022 18:00

Tgt Ion: 76 Resp: 1251
Ion Ratio Lower Upper
76 100
78 9.8 7.8 11.6

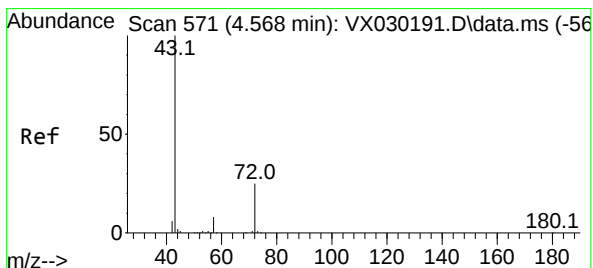
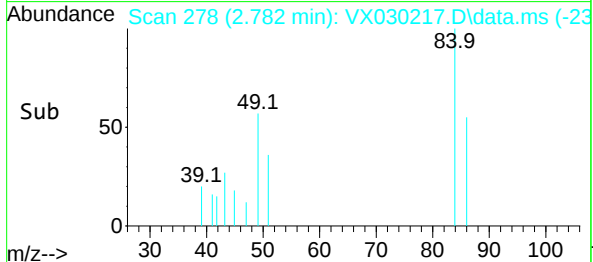
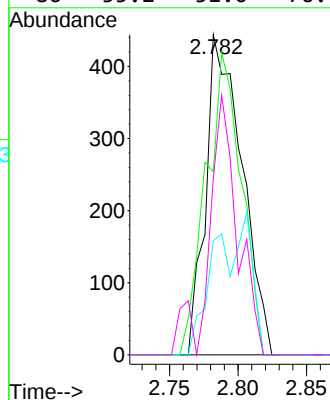
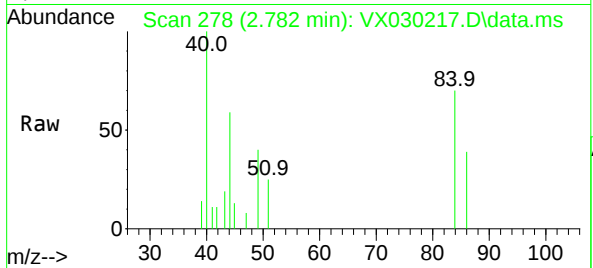




#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX030217.D
Acq: 26 Jul 2022 18:00

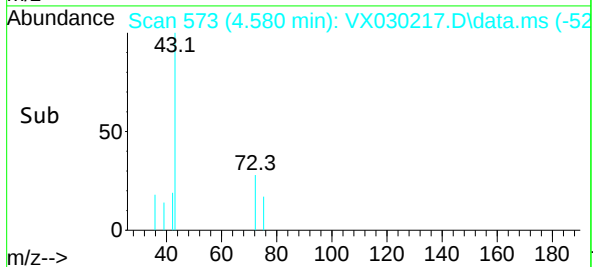
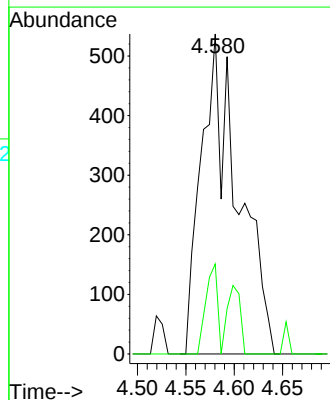
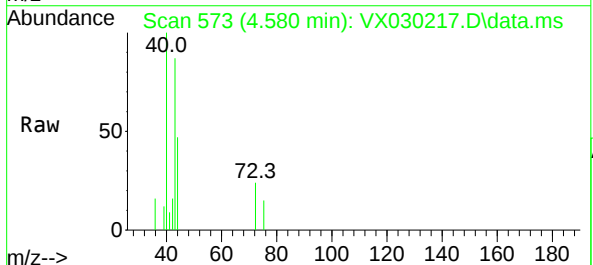
Instrument :
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ClientSampleId :
SPC-11-84

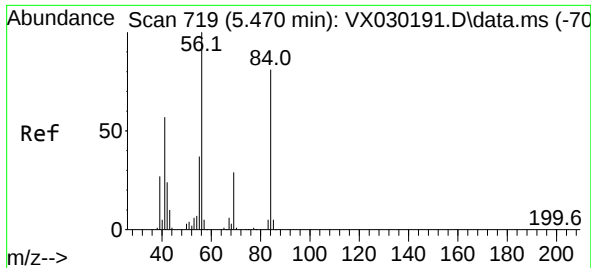
Tgt Ion: 84	Resp: 815
Ion Ratio	Lower Upper
84 100	
49 57.2	93.8 140.6#
51 35.6	29.4 44.0
86 55.2	51.0 76.4



#25
2-Butanone
Concen: 0.619 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX030217.D
Acq: 26 Jul 2022 18:00

Tgt Ion: 43	Resp: 1416		
Ion Ratio	Lower	Upper	
43 100			
72 28.1	21.7	32.5	

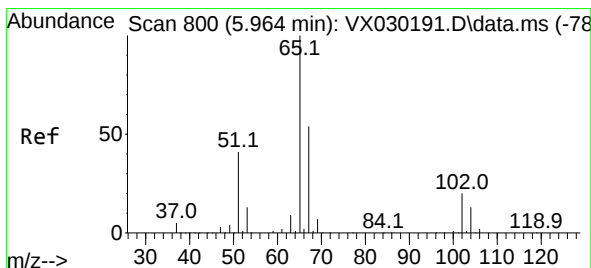
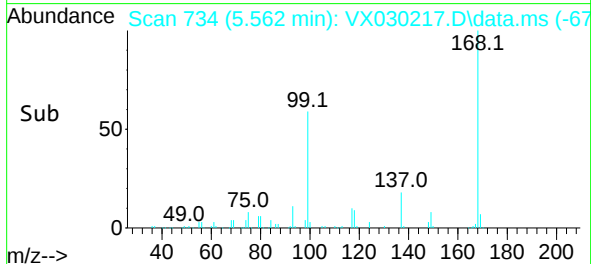
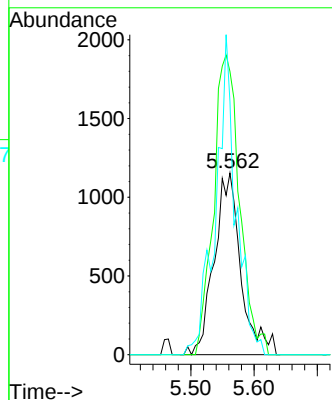
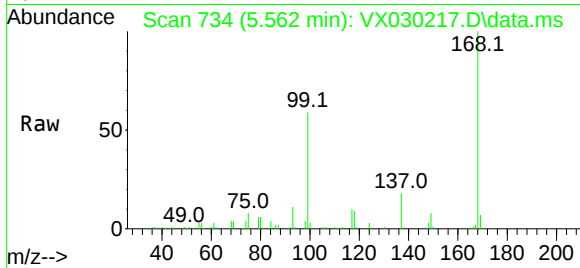




#31
Cyclohexane
Concen: 0.871 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX030217.D
Acq: 26 Jul 2022 18:00

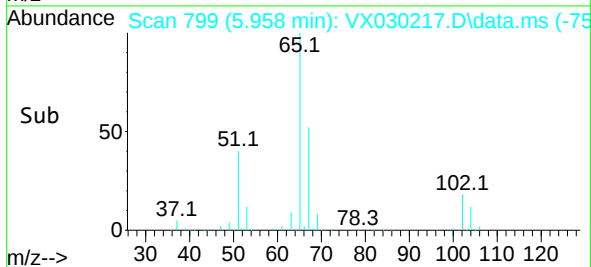
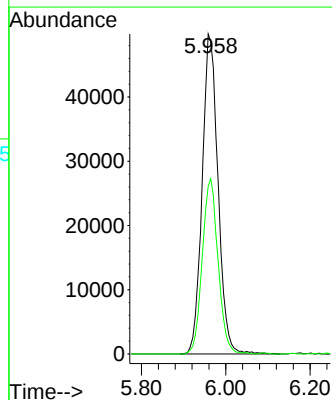
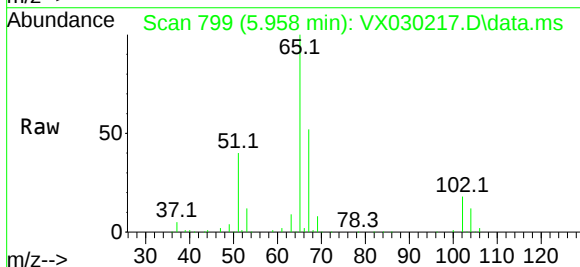
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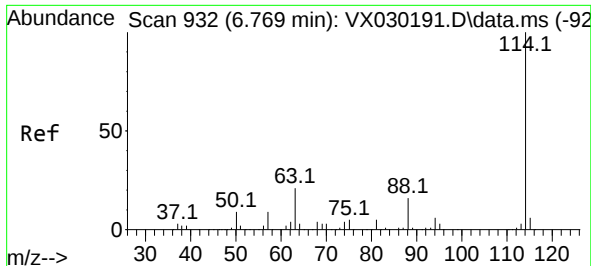
Tgt Ion: 56 Resp: 3364
Ion Ratio Lower Upper
56 100
69 155.9 25.4 38.0#
84 139.3 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 48.975 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX030217.D
Acq: 26 Jul 2022 18:00

Tgt Ion: 65 Resp: 130283
Ion Ratio Lower Upper
65 100
67 54.5 0.0 109.6

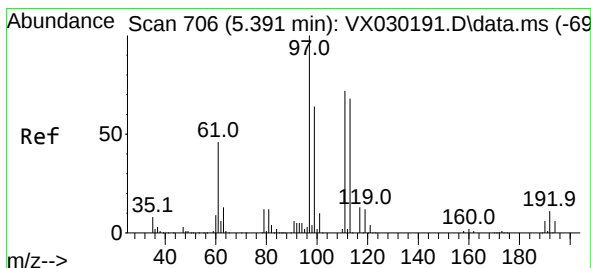
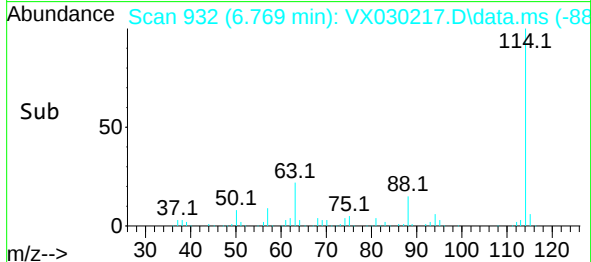
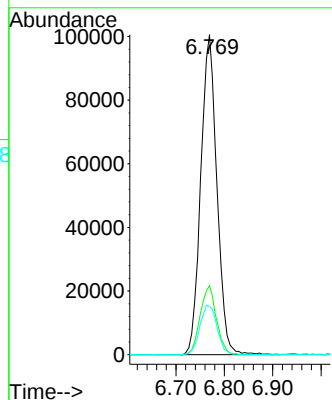
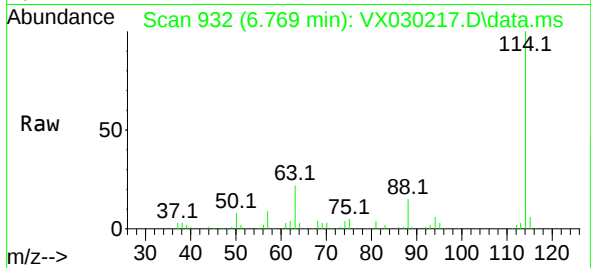




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX030217.D
Acq: 26 Jul 2022 18:00

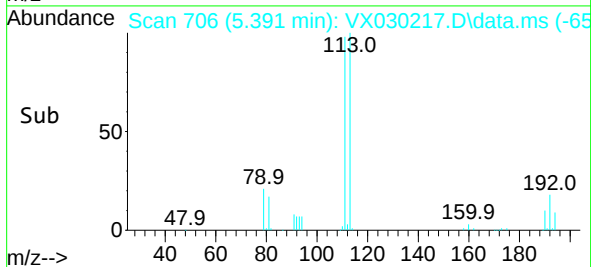
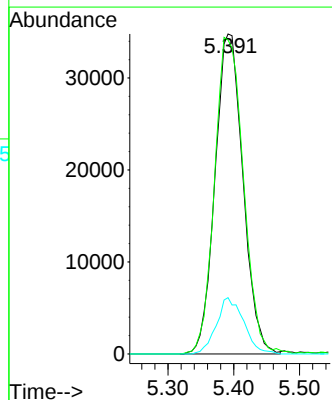
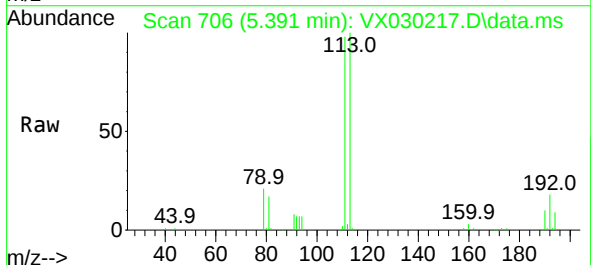
Instrument :
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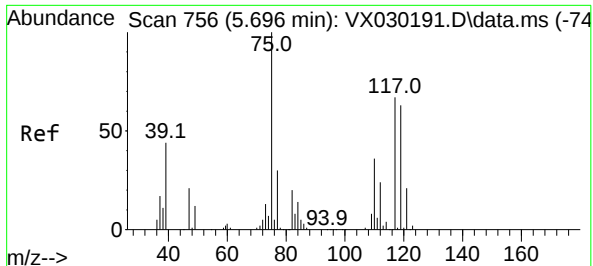
Tgt Ion:114 Resp: 232642
Ion Ratio Lower Upper
114 100
63 21.6 0.0 38.4
88 15.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.182 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030217.D
Acq: 26 Jul 2022 18:00

Tgt Ion:113 Resp: 102707
Ion Ratio Lower Upper
113 100
111 102.5 83.2 124.8
192 17.2 14.8 22.2

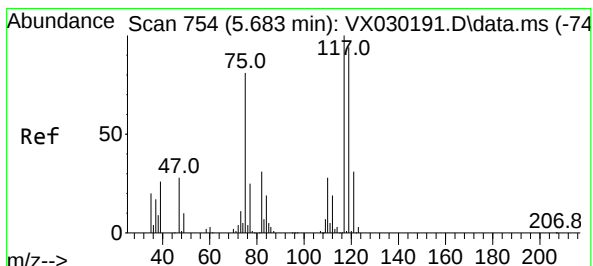
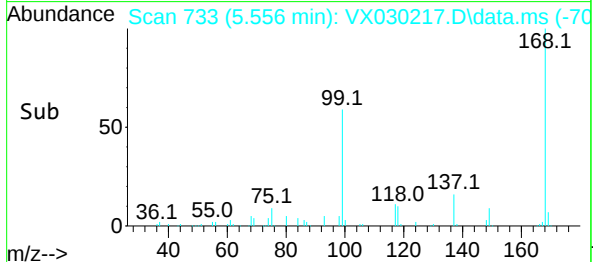
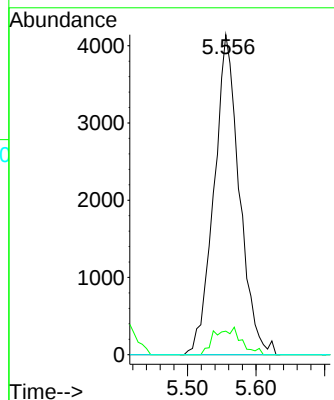
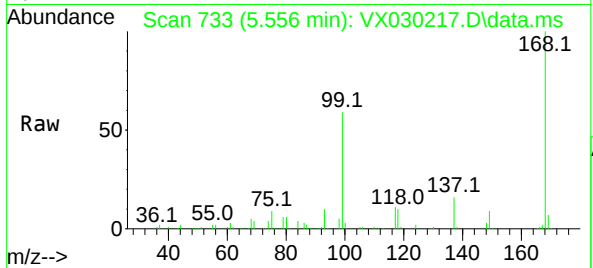




#36
1,1-Dichloropropene
Concen: 3.329 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX030217.D
Acq: 26 Jul 2022 18:00

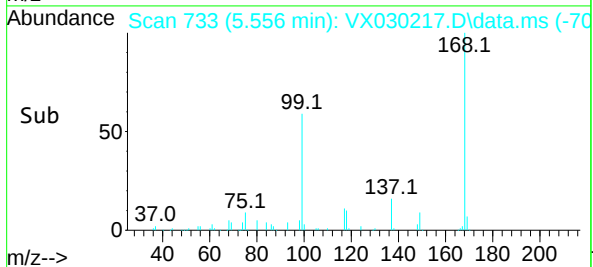
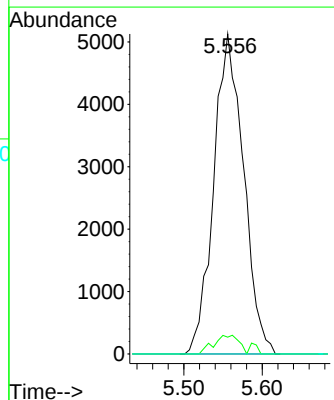
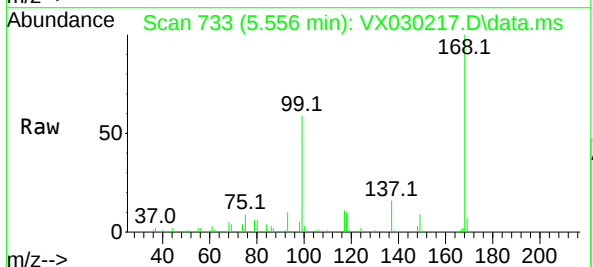
Instrument :
MSVOA_X
ClientSampleId :
SPC-11-84

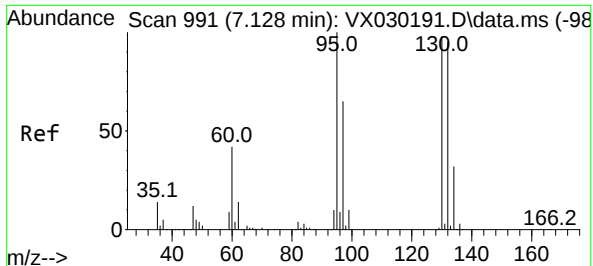
Tgt Ion: 75 Resp: 10656
Ion Ratio Lower Upper
75 100
110 9.0 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.551 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.127 min
Lab File: VX030217.D
Acq: 26 Jul 2022 18:00

Tgt Ion: 117 Resp: 13598
Ion Ratio Lower Upper
117 100
119 5.2 74.1 111.1#
121 0.0 25.8 38.8#

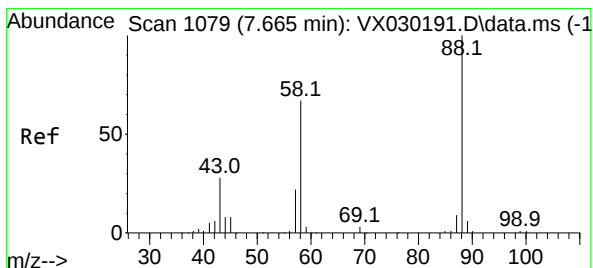
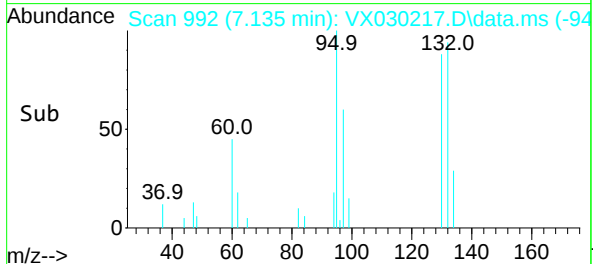
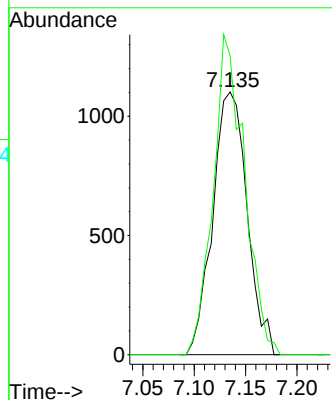
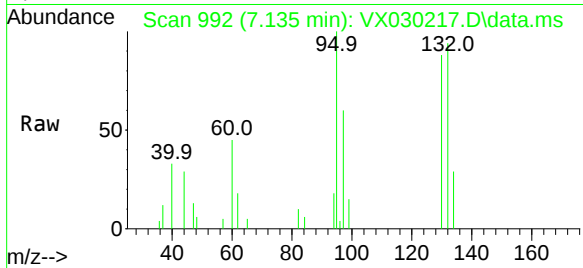




#44
Trichloroethene
Concen: 0.932 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX030217.D
Acq: 26 Jul 2022 18:00

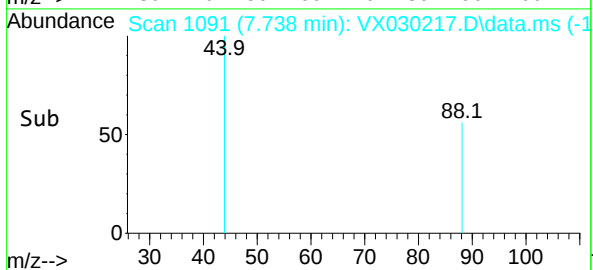
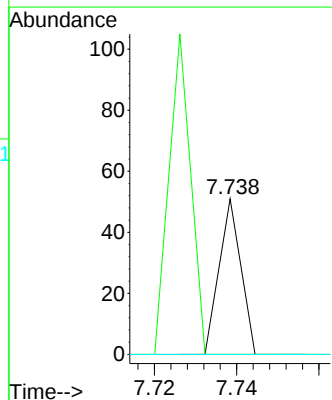
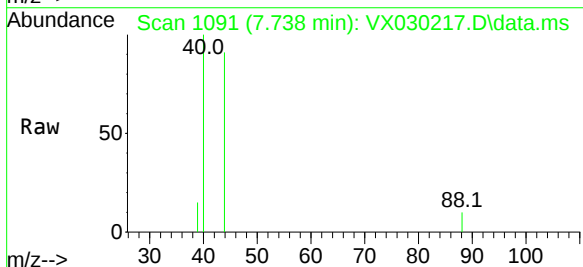
Instrument :
MSVOA_X
ClientSampleId :
SPC-11-84

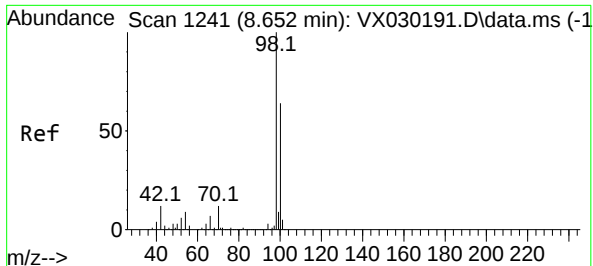
Tgt Ion:130 Resp: 2565
Ion Ratio Lower Upper
130 100
95 113.7 0.0 194.8



#49
1,4-Dioxane
Concen: 0.252 ug/l
RT: 7.738 min Scan# 1091
Delta R.T. 0.073 min
Lab File: VX030217.D
Acq: 26 Jul 2022 18:00

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 200.0 23.8 35.8#
58 0.0 53.8 80.6#

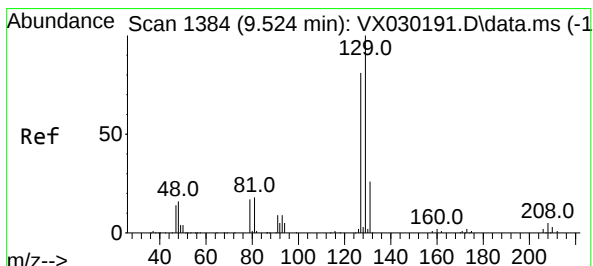
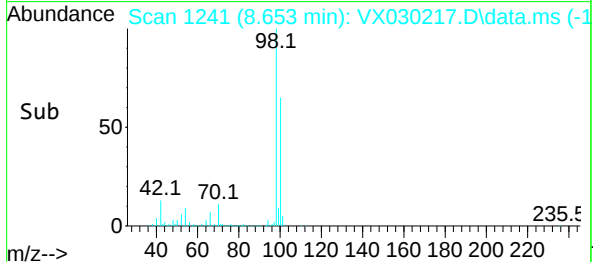
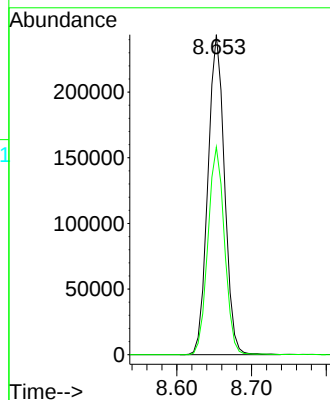
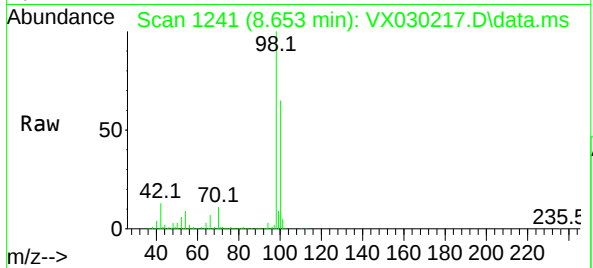




#50
Toluene-d8
Concen: 43.655 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030217.D
Acq: 26 Jul 2022 18:00

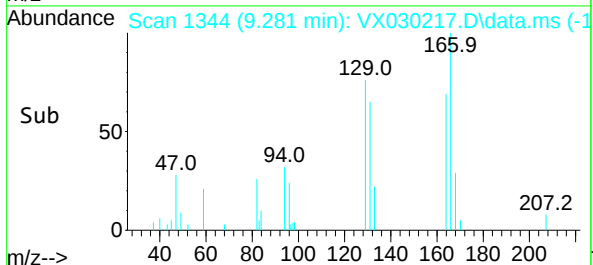
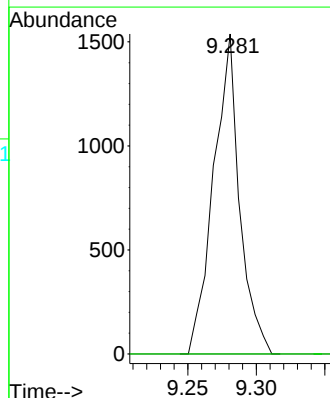
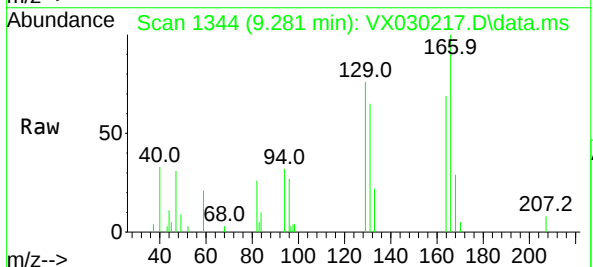
Instrument :
MSVOA_X
ClientSampleId :
SPC-11-84

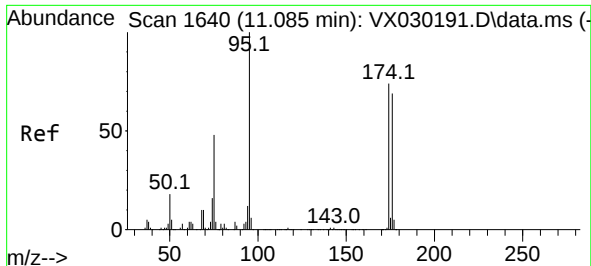
Tgt Ion: 98 Resp: 375981
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5



#60
Dibromochloromethane
Concen: 0.837 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.243 min
Lab File: VX030217.D
Acq: 26 Jul 2022 18:00

Tgt Ion: 129 Resp: 2027
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

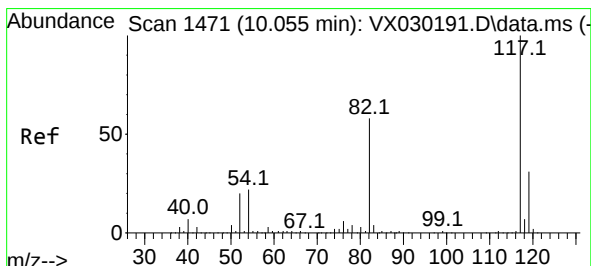
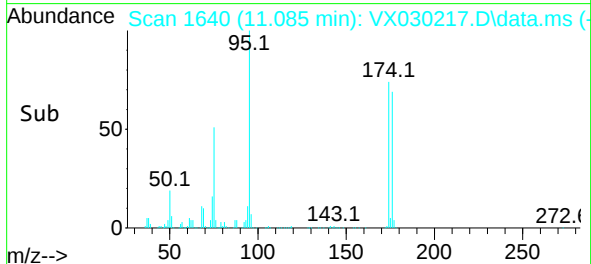
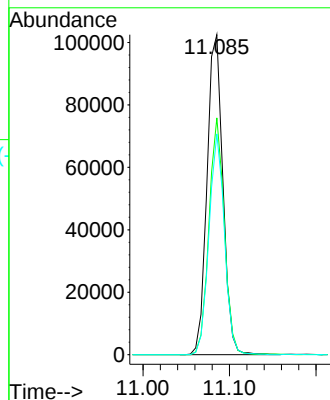
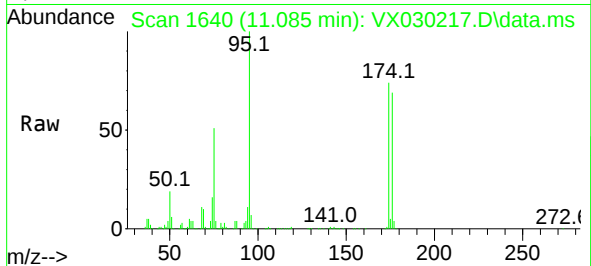




#62
4-Bromofluorobenzene
Concen: 40.843 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030217.D
Acq: 26 Jul 2022 18:00

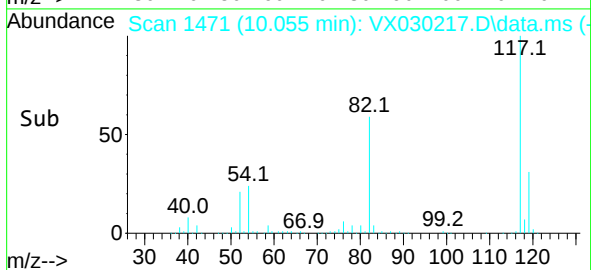
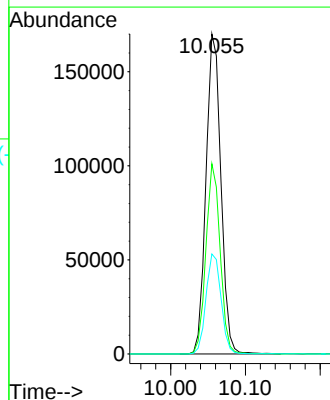
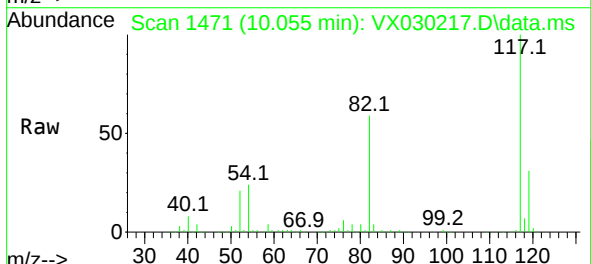
Instrument :
MSVOA_X
ClientSampleId :
SPC-11-84

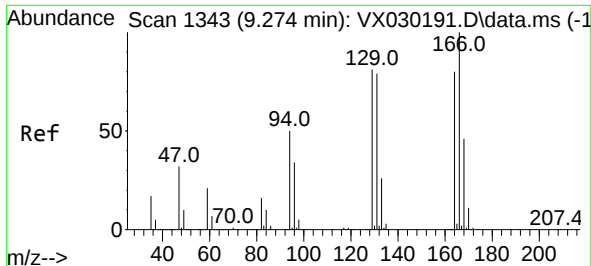
Tgt Ion: 95 Resp: 130548
Ion Ratio Lower Upper
95 100
174 71.4 0.0 149.0
176 67.0 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030217.D
Acq: 26 Jul 2022 18:00

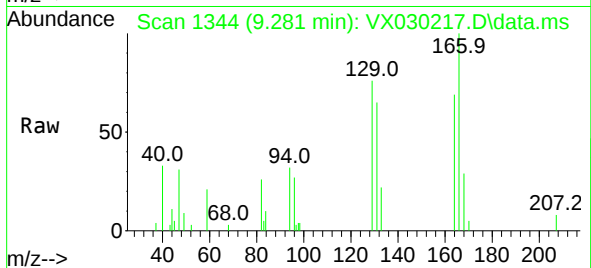
Tgt Ion: 117 Resp: 235270
Ion Ratio Lower Upper
117 100
82 59.5 42.7 64.1
119 31.2 25.4 38.2



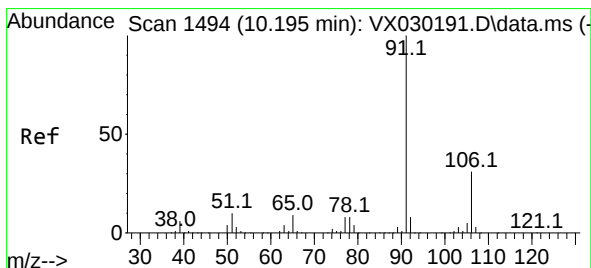
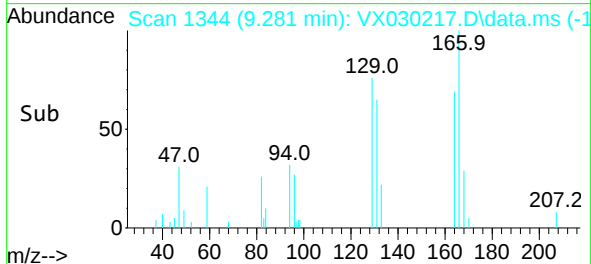
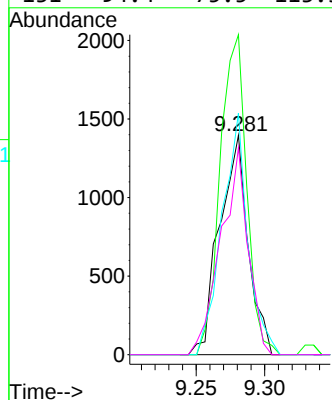


#64
Tetrachloroethene
Concen: 0.802 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX030217.D
Acq: 26 Jul 2022 18:00

Instrument :
MSVOA_X
ClientSampleId :
SPC-11-84

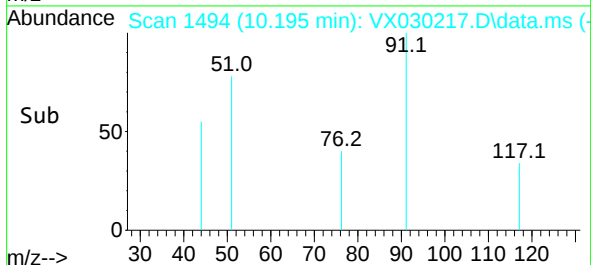
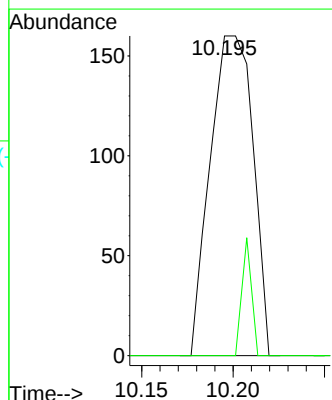
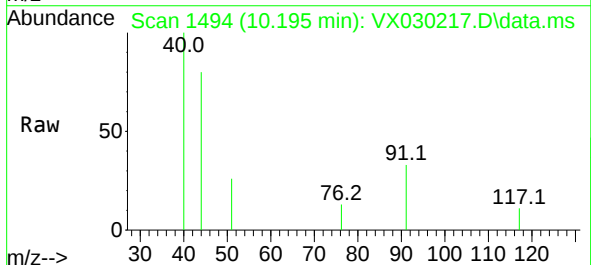


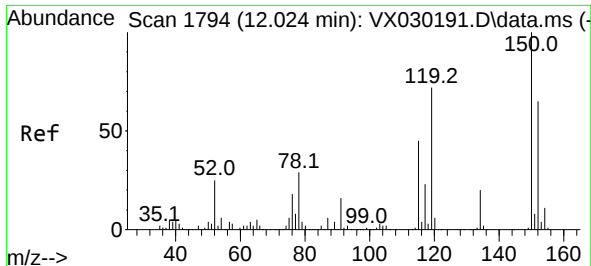
Tgt Ion:164 Resp: 2031
Ion Ratio Lower Upper
164 100
166 145.9 98.2 147.4
129 110.2 80.8 121.2
131 94.4 75.5 113.3



#67
Ethyl Benzene
Concen: Below Cal
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030217.D
Acq: 26 Jul 2022 18:00

Tgt Ion: 91 Resp: 262
Ion Ratio Lower Upper
91 100
106 0.0 25.5 38.3#

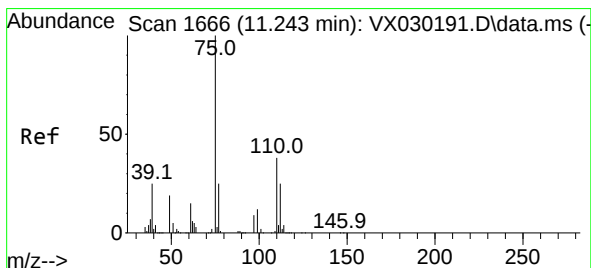
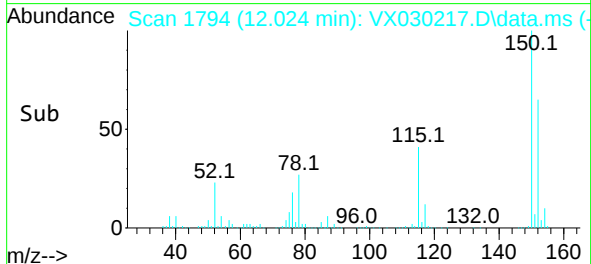
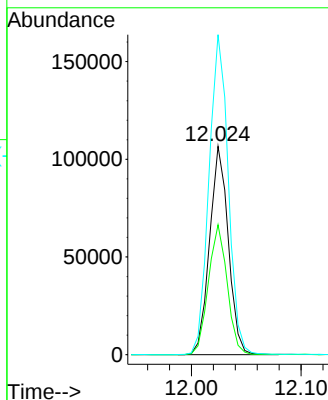
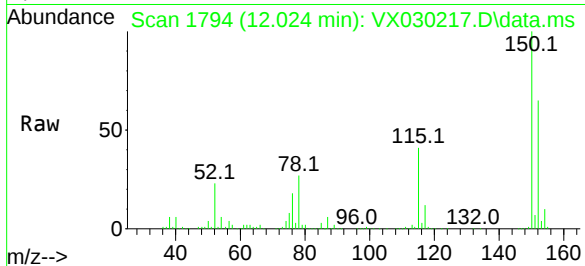




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030217.D
 Acq: 26 Jul 2022 18:00

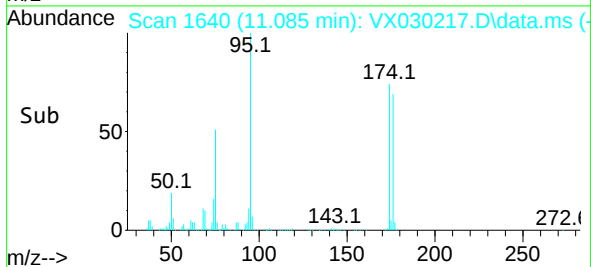
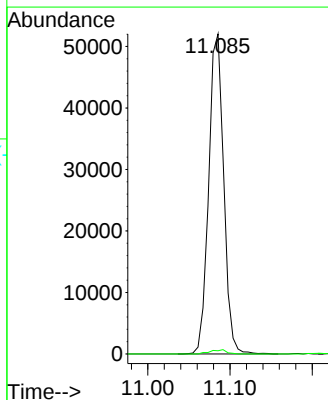
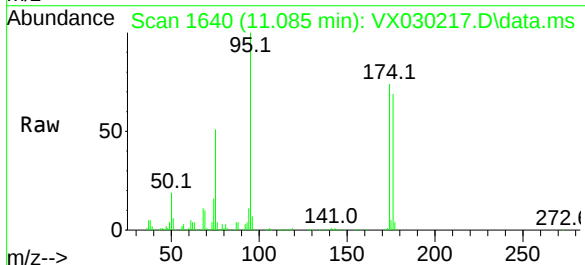
Instrument :
 MSVOA_X
 ClientSampleId :
 SPC-11-84

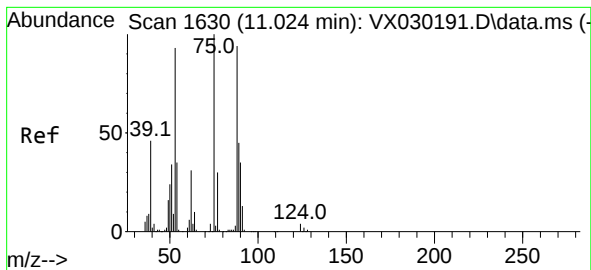
Tgt Ion:152 Resp: 126702
 Ion Ratio Lower Upper
 152 100
 115 62.5 40.5 121.5
 150 158.1 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 19.742 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.158 min
 Lab File: VX030217.D
 Acq: 26 Jul 2022 18:00

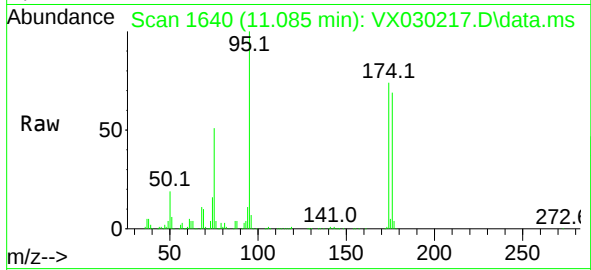
Tgt Ion: 75 Resp: 65935
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.225 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX030217.D
 Acq: 26 Jul 2022 18:00

Instrument :
 MSVOA_X
 ClientSampleId :
 SPC-11-84



Tgt Ion: 75 Resp: 65935
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

