

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072122\
 Data File : VX030163.D
 Acq On : 21 Jul 2022 15:32
 Operator : JC/MD
 Sample : N3765-08DL 200000X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPC-04-84DL

Quant Time: Jul 21 16:42:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

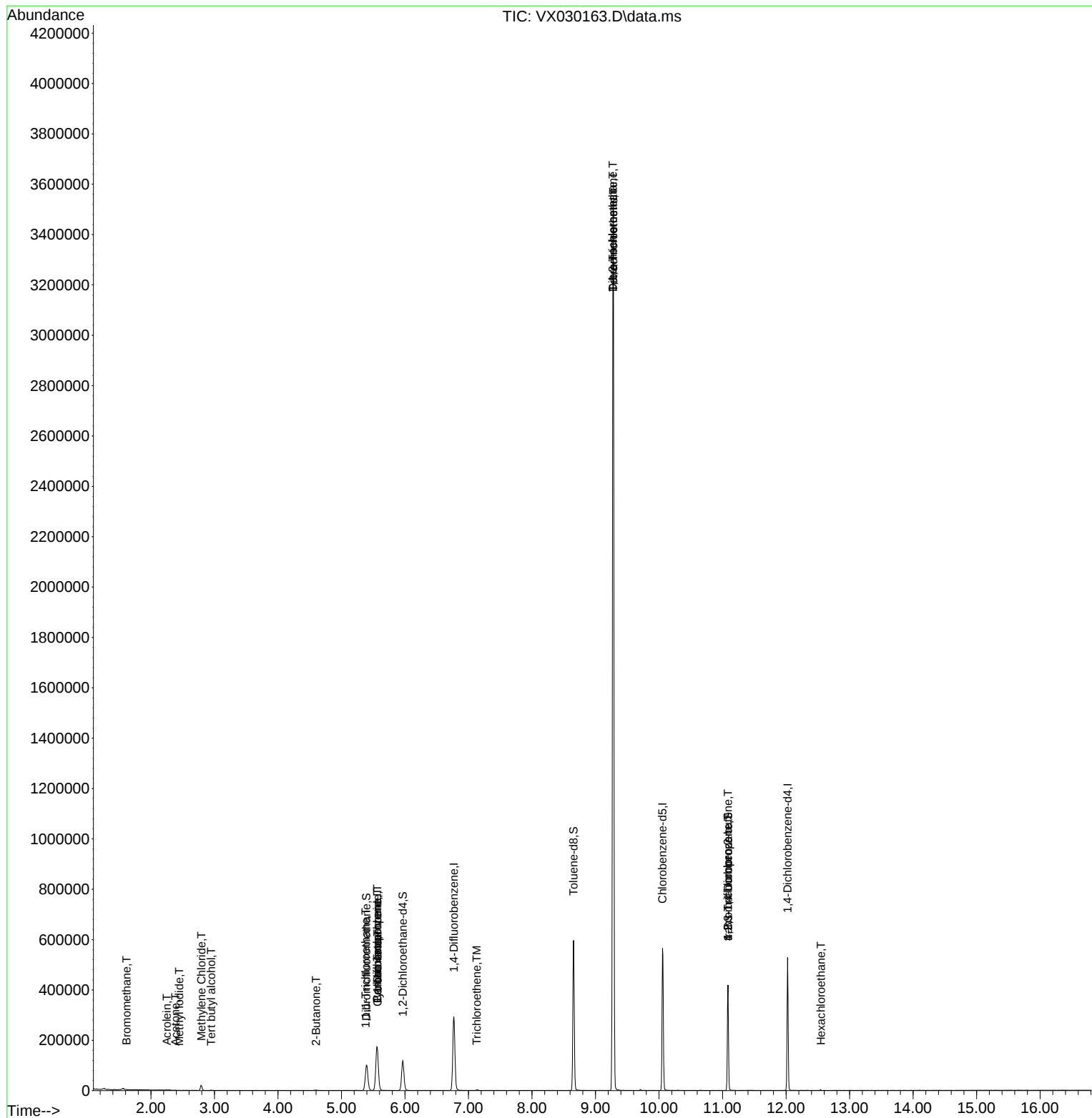
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	166606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	301657	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	255277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	109634	54.063	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.120%
35) Dibromofluoromethane	5.391	113	88814	46.087	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.180%
50) Toluene-d8	8.653	98	348465	48.079	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.160%
62) 4-Bromofluorobenzene	11.085	95	108912	43.302	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	60	Below Cal	#	42
5) Bromomethane	1.617	94	256	0.313	ug/l #	73
10) Methyl Iodide	2.447	142	370	2.619	ug/l #	82
11) Tert butyl alcohol	2.946	59	729	1.393	ug/l #	74
13) Acrolein	2.252	56	77	0.739	ug/l #	14
16) Acetone	2.386	43	946	0.990	ug/l	100
17) Carbon Disulfide	2.508	76	723	Below Cal		100
20) Methylene Chloride	2.794	84	9677	3.244	ug/l	91
25) 2-Butanone	4.599	43	429	0.264	ug/l #	48
31) Cyclohexane	5.568	56	3704	1.260	ug/l #	12
32) 1,1,1-Trichloroethane	5.379	97	610	0.233	ug/l #	50
36) 1,1-Dichloropropene	5.562	75	13992	5.621	ug/l #	47
38) Carbon Tetrachloride	5.562	117	17405	7.498	ug/l #	16
44) Trichloroethene	7.129	130	1181	0.516	ug/l	94
55) 1,1,2-Trichloroethane	9.275	97	6061	2.954	ug/l #	1
60) Dibromochloromethane	9.275	129	683938	342.182	ug/l #	11
64) Tetrachloroethene	9.281	164	667623	325.797	ug/l	98
76) 1,2,3-Trichloropropane	11.085	75	55263	24.279	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	55263	70.069	ug/l #	13
90) Hexachloroethane	12.548	117	367	0.363	ug/l	98

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

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Quant Title : SW846 8260
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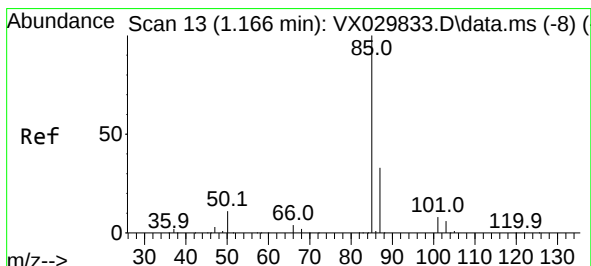
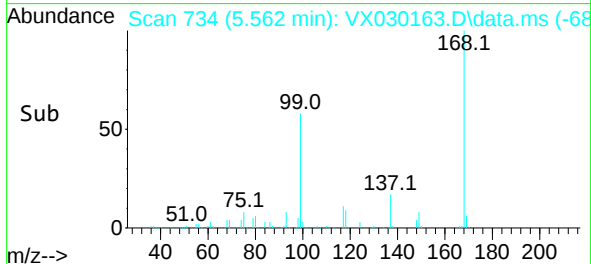
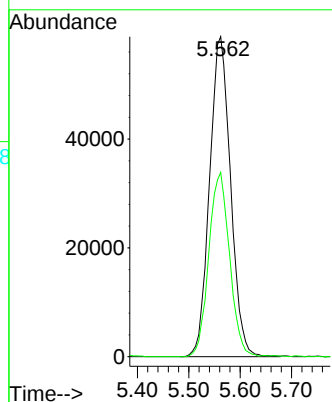
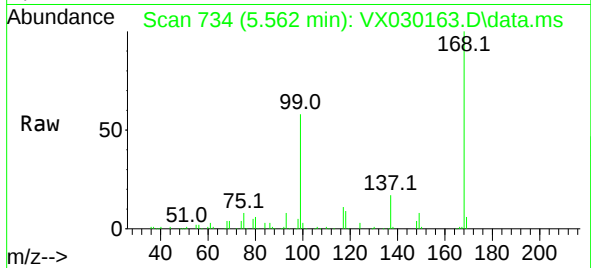




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030163.D
Acq: 21 Jul 2022 15:32

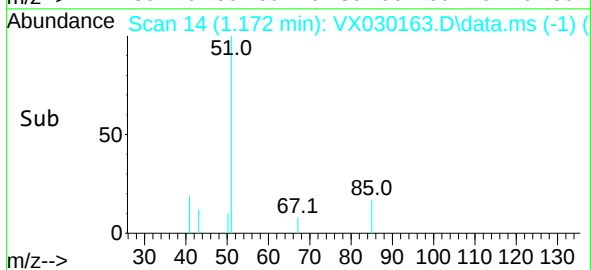
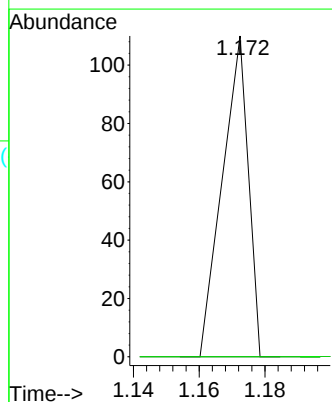
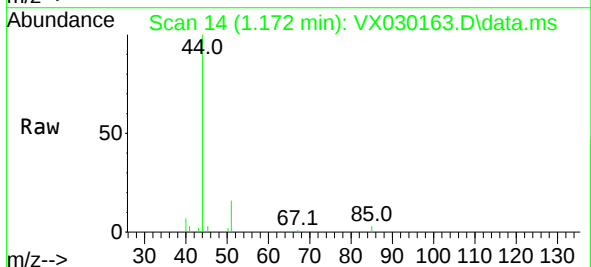
Instrument :
MSVOA_X
ClientSampleId :
SPC-04-84DL

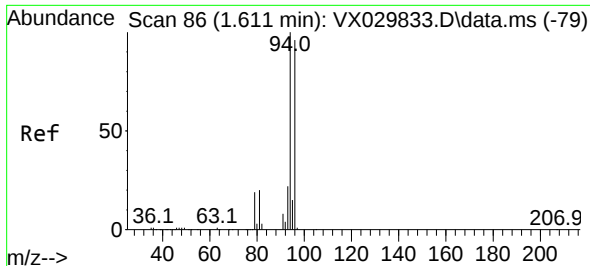
Tgt Ion:168 Resp: 166606
Ion Ratio Lower Upper
168 100
99 57.6 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.172 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX030163.D
Acq: 21 Jul 2022 15:32

Tgt Ion: 85 Resp: 60
Ion Ratio Lower Upper
85 100
87 0.0 16.5 49.5#

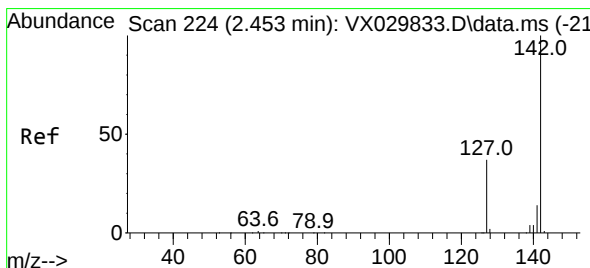
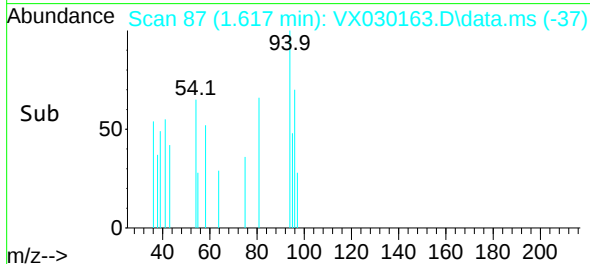
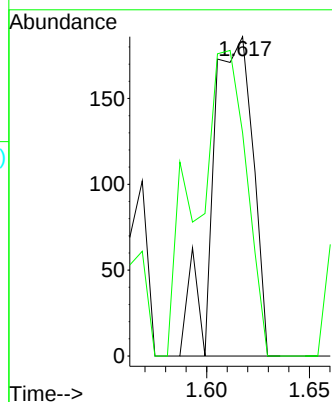
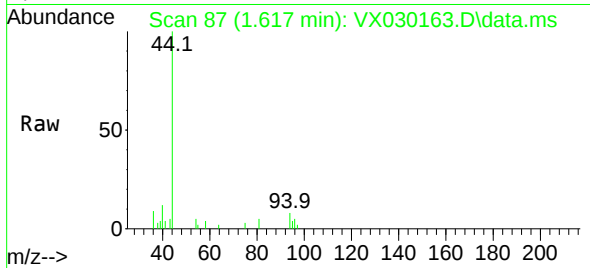




#5
Bromomethane
Concen: 0.313 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX030163.D
Acq: 21 Jul 2022 15:32

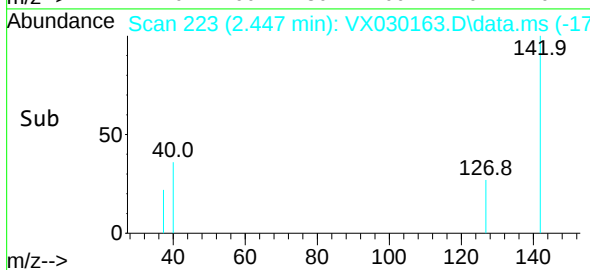
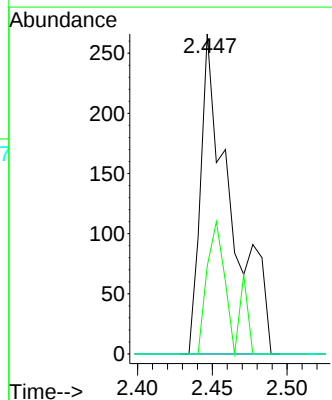
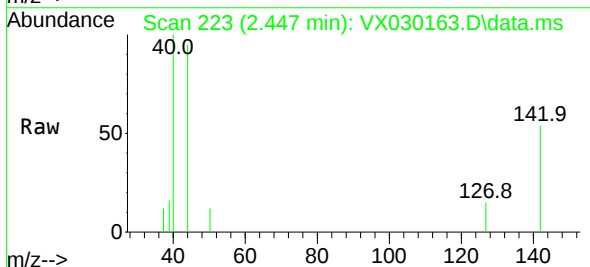
Instrument :
MSVOA_X
ClientSampleId :
SPC-04-84DL

Tgt Ion: 94 Resp: 256
Ion Ratio Lower Upper
94 100
96 69.9 76.9 115.3#



#10
Methyl Iodide
Concen: 2.619 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX030163.D
Acq: 21 Jul 2022 15:32

Tgt Ion: 142 Resp: 370
Ion Ratio Lower Upper
142 100
127 30.5 30.2 45.2
141 0.0 11.3 16.9#

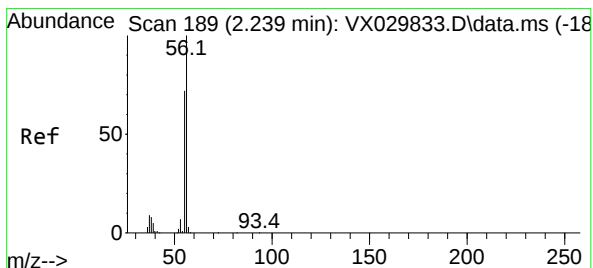
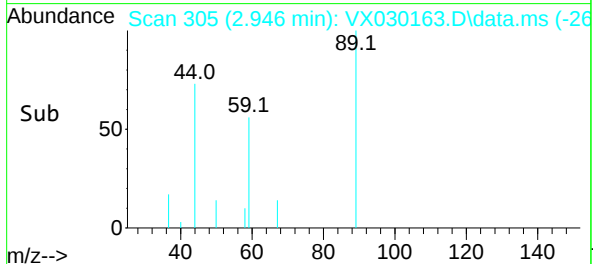
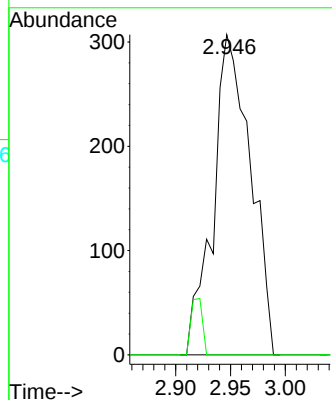
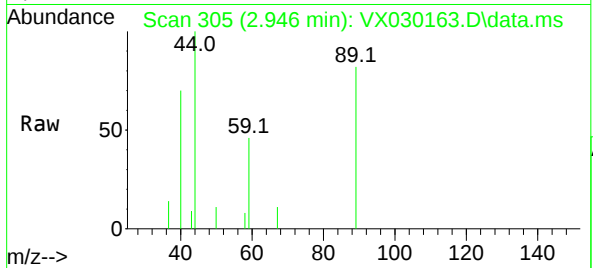




#11
Tert butyl alcohol
Concen: 1.393 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX030163.D
Acq: 21 Jul 2022 15:32

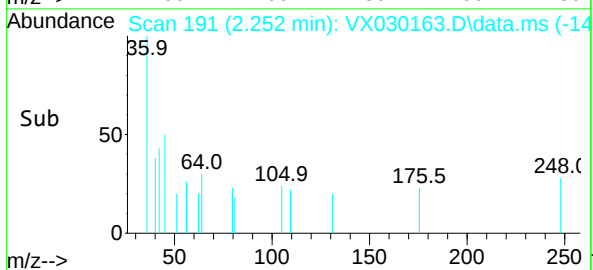
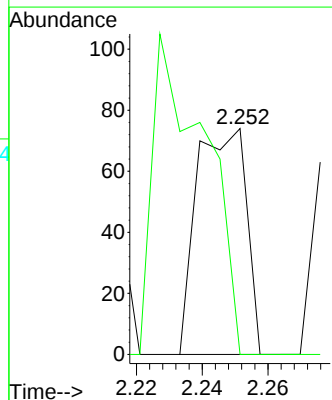
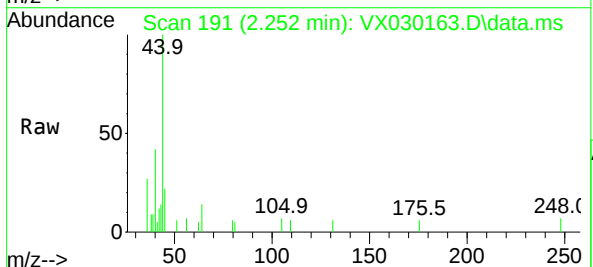
Instrument :
MSVOA_X
ClientSampleId :
SPC-04-84DL

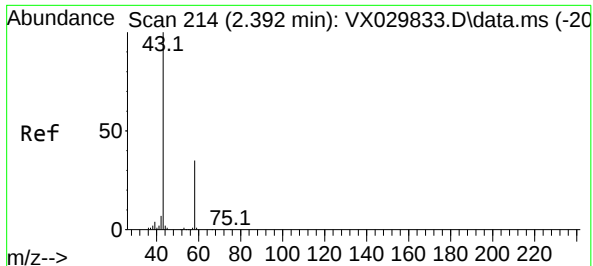
Tgt Ion: 59 Resp: 729
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#13
Acrolein
Concen: 0.739 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.013 min
Lab File: VX030163.D
Acq: 21 Jul 2022 15:32

Tgt Ion: 56 Resp: 77
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#

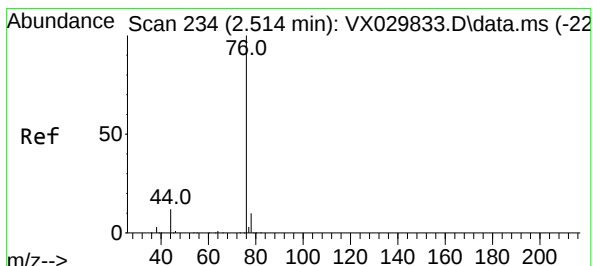
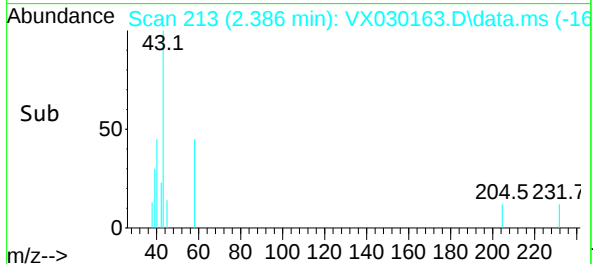
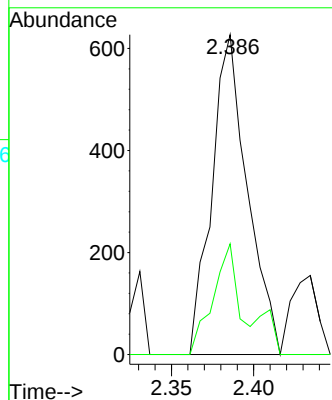
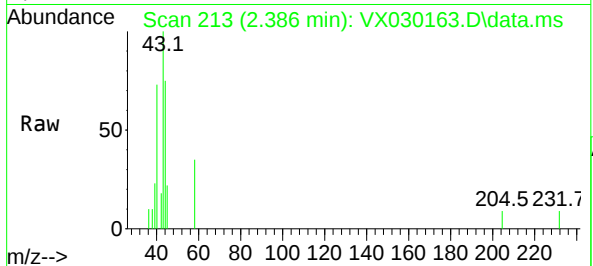




#16
Acetone
Concen: 0.990 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX030163.D
Acq: 21 Jul 2022 15:32

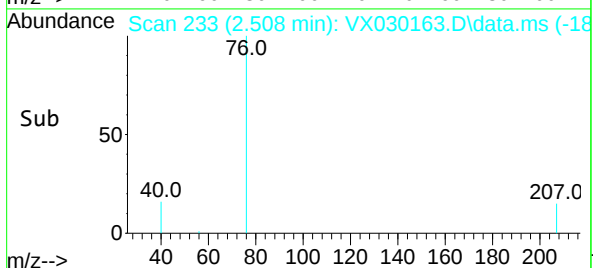
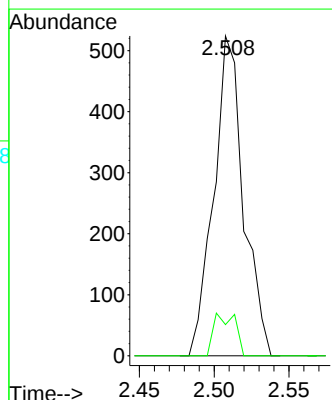
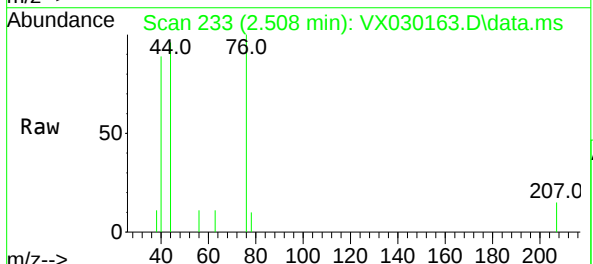
Instrument :
MSVOA_X
ClientSampleId :
SPC-04-84DL

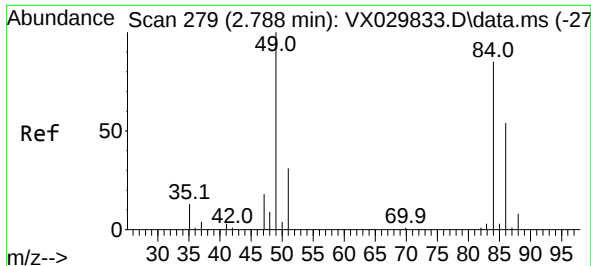
Tgt Ion: 43 Resp: 946
Ion Ratio Lower Upper
43 100
58 34.6 27.7 41.5



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX030163.D
Acq: 21 Jul 2022 15:32

Tgt Ion: 76 Resp: 723
Ion Ratio Lower Upper
76 100
78 9.7 7.8 11.6

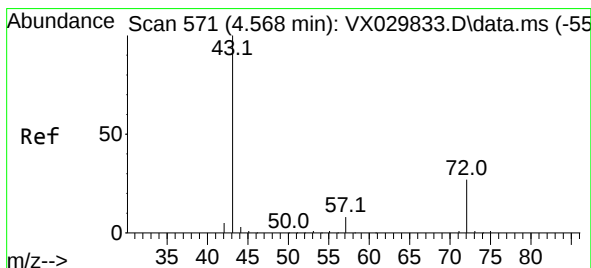
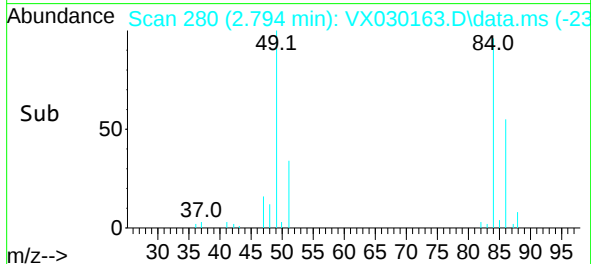
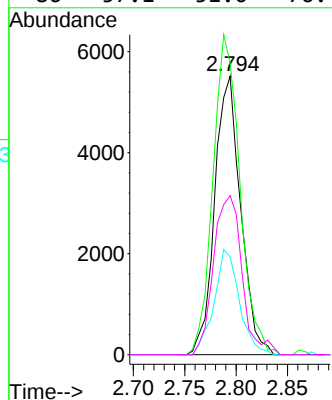
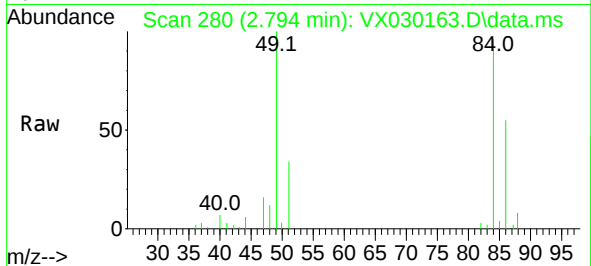




#20
Methylene Chloride
Concen: 3.244 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030163.D
Acq: 21 Jul 2022 15:32

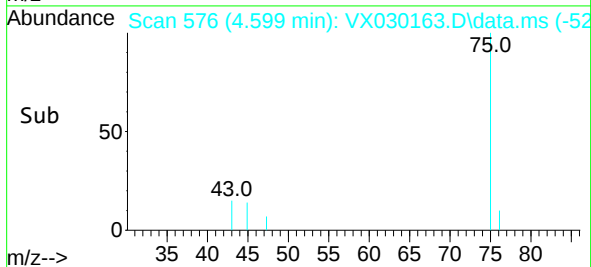
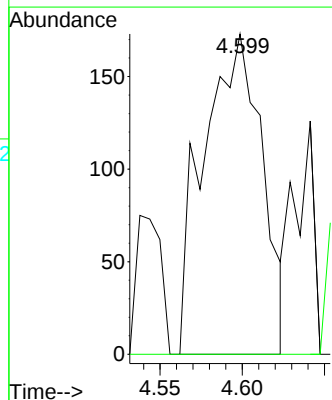
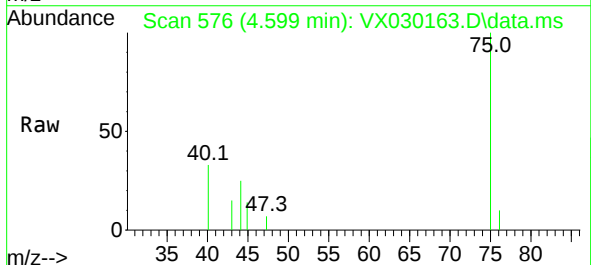
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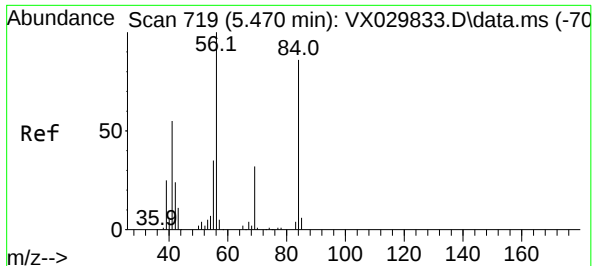
Tgt Ion: 84	Resp: 9677
Ion Ratio	Lower Upper
84 100	
49 104.6	93.8 140.6
51 35.1	29.4 44.0
86 57.1	51.0 76.4



#25
2-Butanone
Concen: 0.264 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.031 min
Lab File: VX030163.D
Acq: 21 Jul 2022 15:32

Tgt Ion: 43	Resp: 429		
Ion Ratio	Lower	Upper	
43 100			
72 0.0	21.7	32.5#	

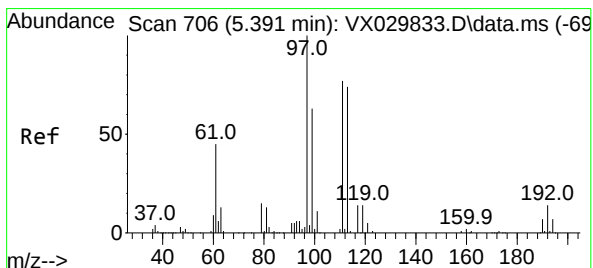
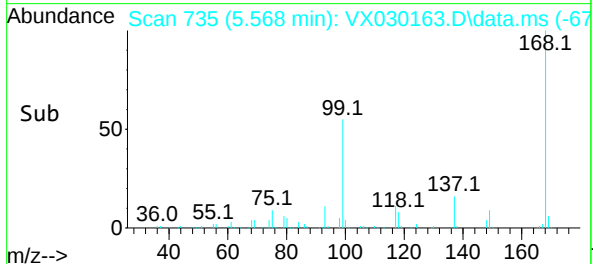
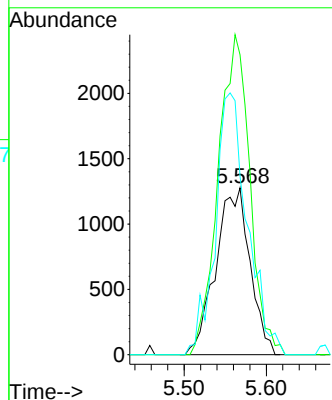
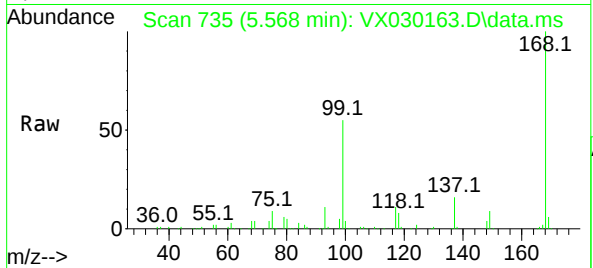




#31
Cyclohexane
Concen: 1.260 ug/l
RT: 5.568 min Scan# 719
Delta R.T. 0.098 min
Lab File: VX030163.D
Acq: 21 Jul 2022 15:32

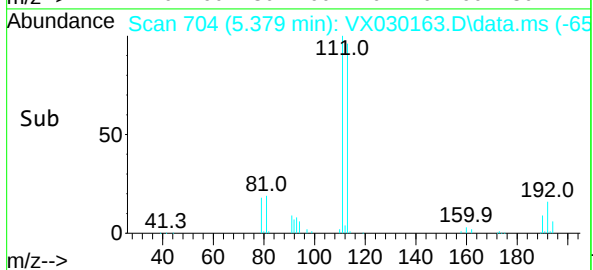
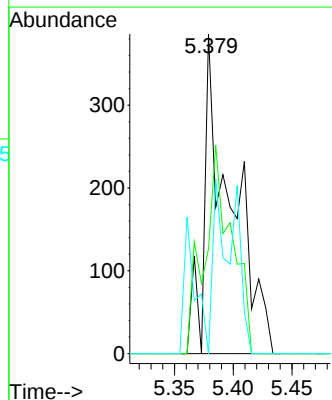
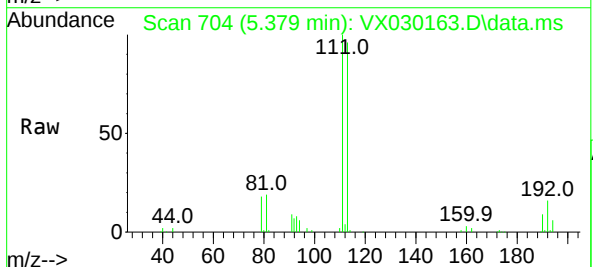
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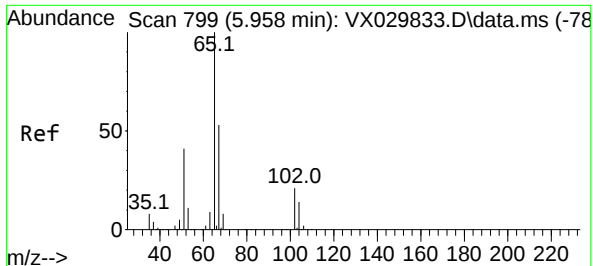
Tgt Ion: 56 Resp: 3704
Ion Ratio Lower Upper
56 100
69 179.7 25.4 38.0#
84 107.0 68.9 103.3#



#32
1,1,1-Trichloroethane
Concen: 0.233 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.012 min
Lab File: VX030163.D
Acq: 21 Jul 2022 15:32

Tgt Ion: 97 Resp: 610
Ion Ratio Lower Upper
97 100
99 0.0 51.4 77.0#
61 41.3 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 54.063 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX030163.D

Acq: 21 Jul 2022 15:32

Instrument :

MSVOA_X

ClientSampleId :

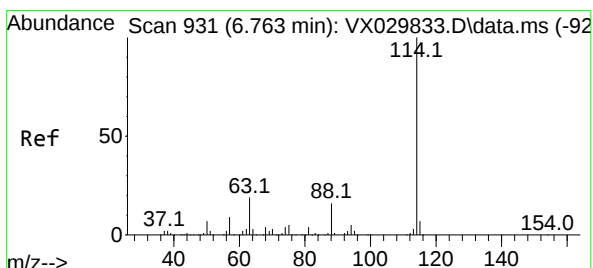
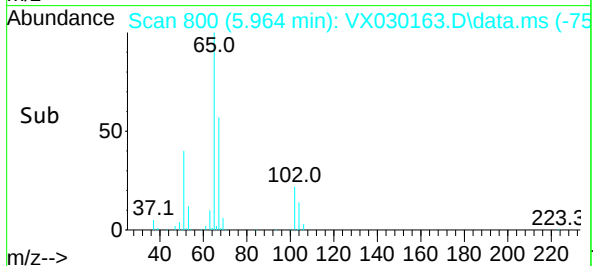
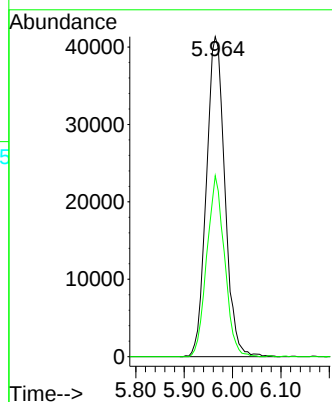
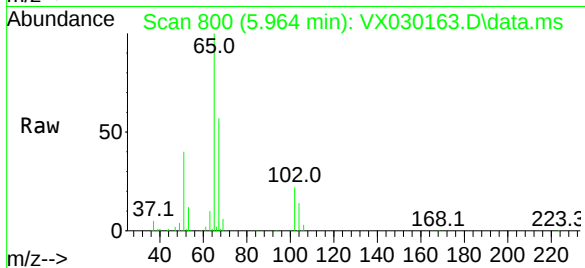
SPC-04-84DL

Tgt Ion: 65 Resp: 109634

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# 932

Delta R.T. 0.006 min

Lab File: VX030163.D

Acq: 21 Jul 2022 15:32

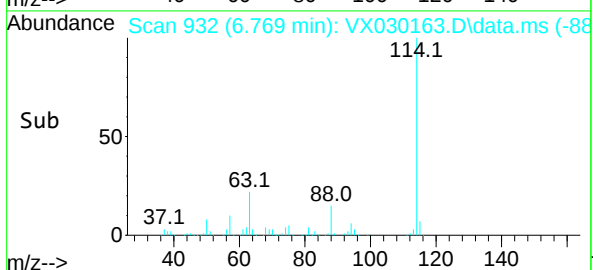
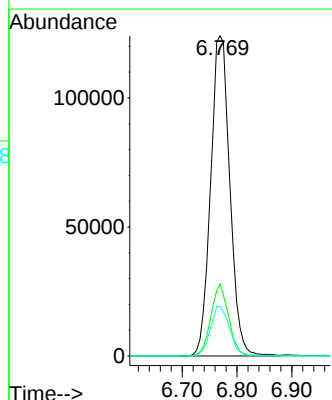
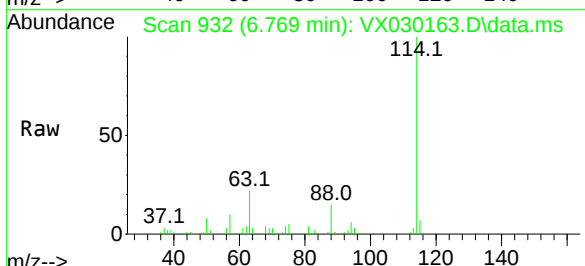
Tgt Ion: 114 Resp: 301657

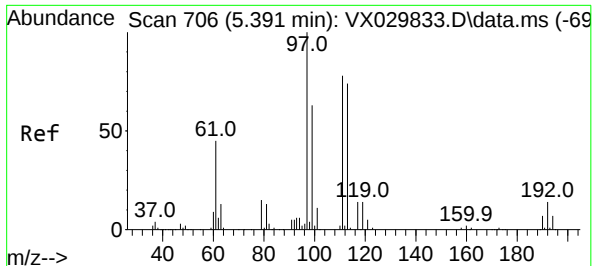
Ion Ratio Lower Upper

114 100

63 22.4 0.0 38.4

88 15.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 46.087 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030163.D

Acq: 21 Jul 2022 15:32

Instrument :

MSVOA_X

ClientSampleId :

SPC-04-84DL

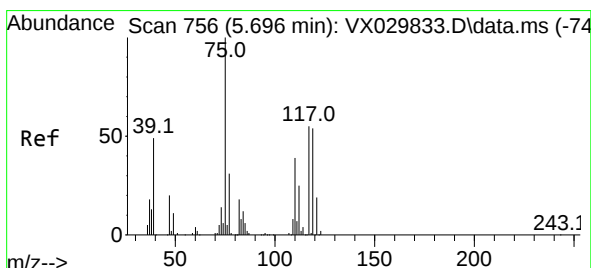
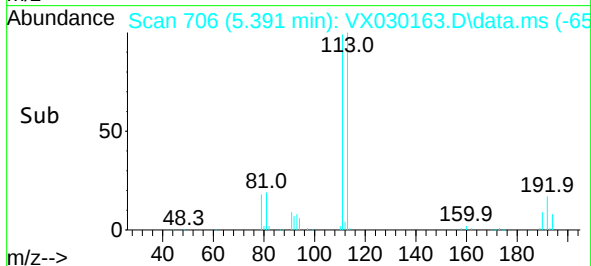
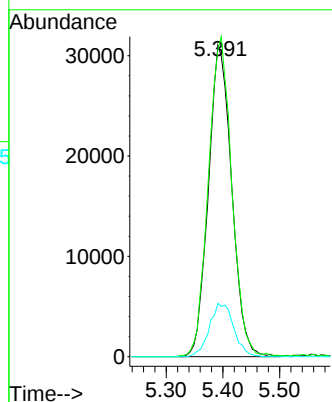
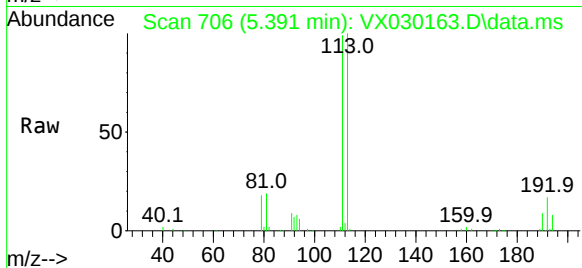
Tgt Ion:113 Resp: 88814

Ion Ratio Lower Upper

113 100

111 103.3 83.2 124.8

192 17.8 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.621 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX030163.D

Acq: 21 Jul 2022 15:32

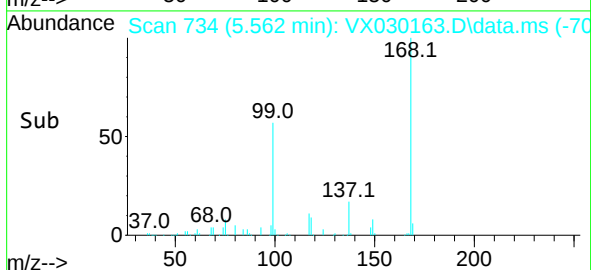
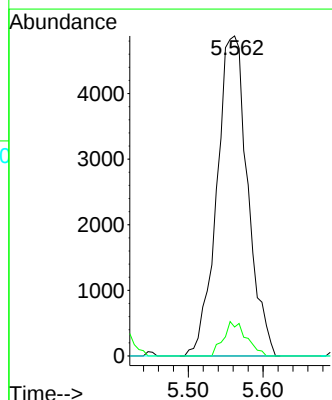
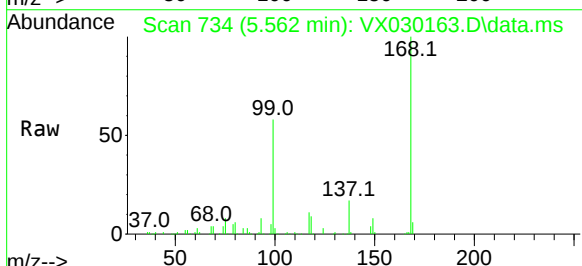
Tgt Ion: 75 Resp: 13992

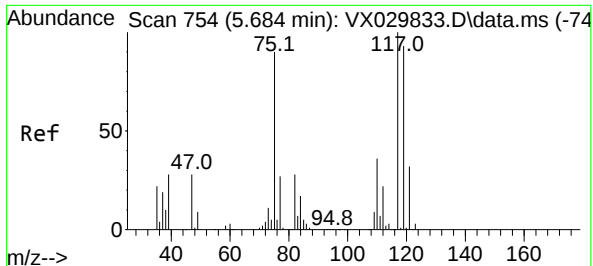
Ion Ratio Lower Upper

75 100

110 7.9 19.3 57.9#

77 0.0 24.4 36.6#

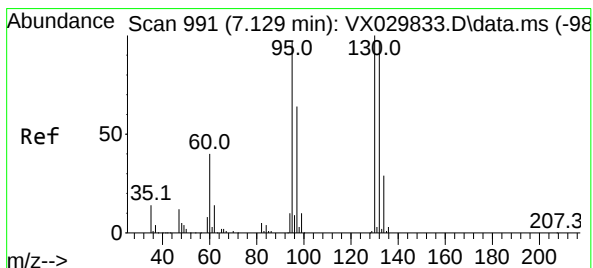
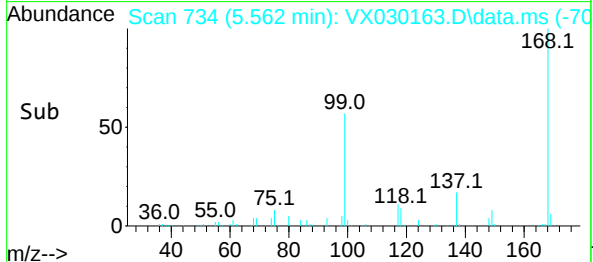
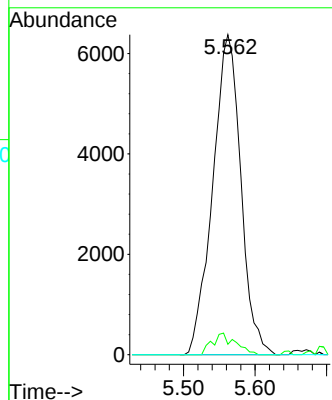
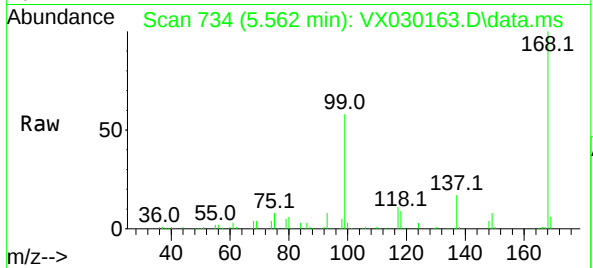




#38
Carbon Tetrachloride
Concen: 7.498 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX030163.D
Acq: 21 Jul 2022 15:32

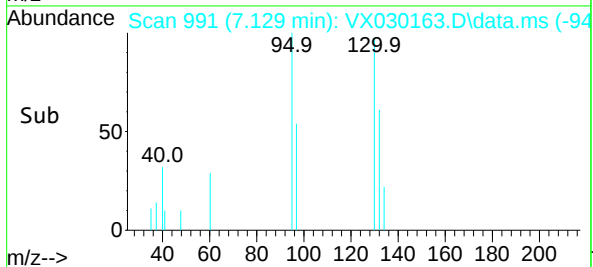
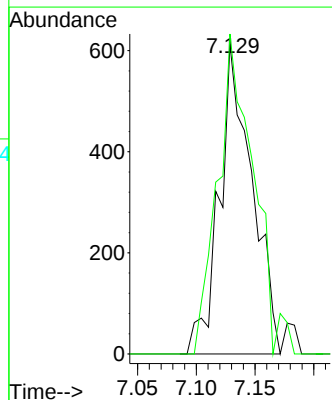
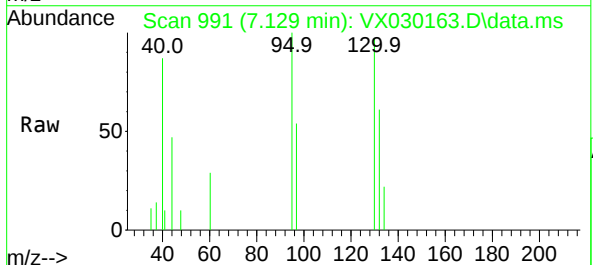
Instrument :
MSVOA_X
ClientSampleId :
SPC-04-84DL

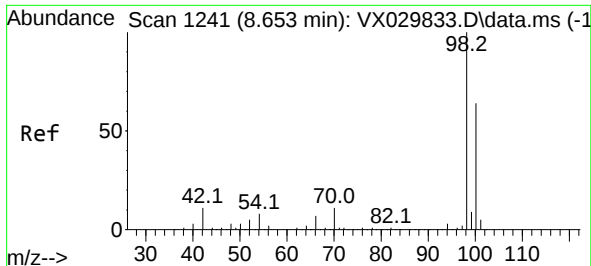
Tgt Ion:117 Resp: 17405
Ion Ratio Lower Upper
117 100
119 3.3 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.516 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030163.D
Acq: 21 Jul 2022 15:32

Tgt Ion:130 Resp: 1181
Ion Ratio Lower Upper
130 100
95 103.3 0.0 194.8

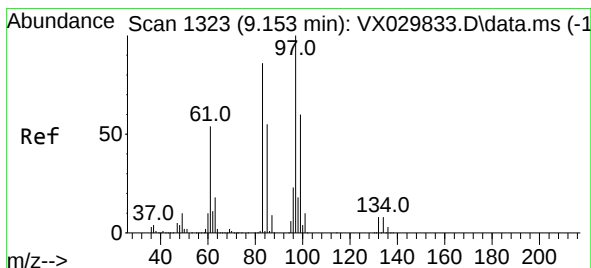
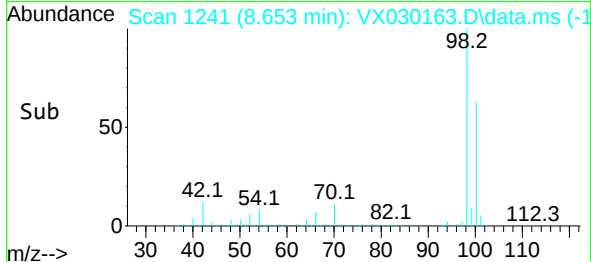
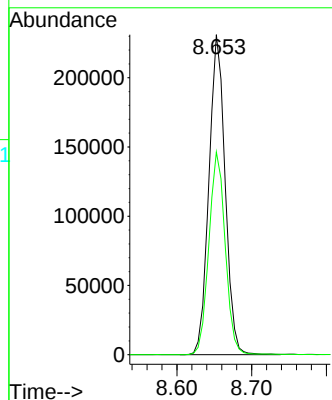
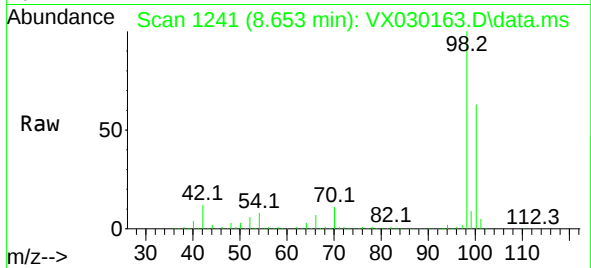




#50
Toluene-d8
Concen: 48.079 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030163.D
Acq: 21 Jul 2022 15:32

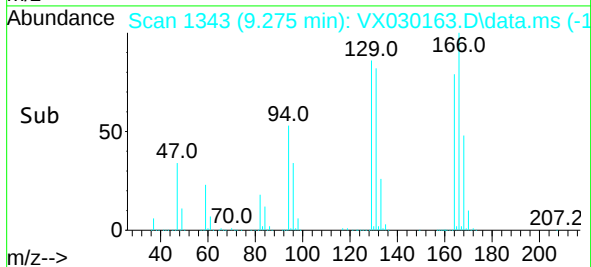
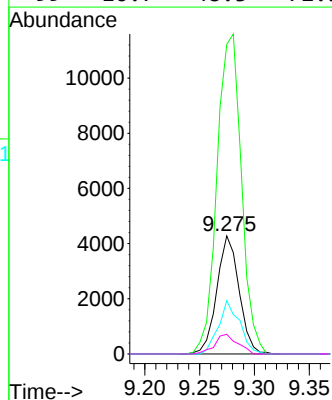
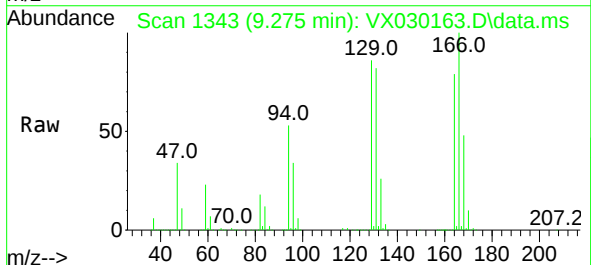
Instrument :
MSVOA_X
ClientSampleId :
SPC-04-84DL

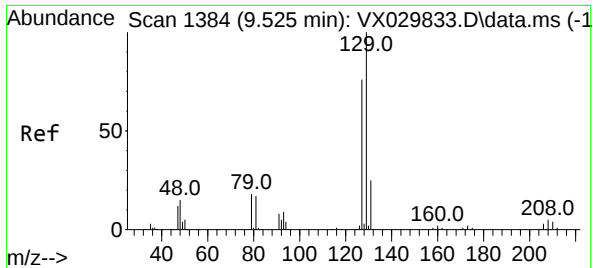
Tgt Ion: 98 Resp: 348465
Ion Ratio Lower Upper
98 100
100 64.0 52.3 78.5



#55
1,1,2-Trichloroethane
Concen: 2.954 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.122 min
Lab File: VX030163.D
Acq: 21 Jul 2022 15:32

Tgt Ion: 97 Resp: 6061
Ion Ratio Lower Upper
97 100
83 262.1 68.9 103.3#
85 45.1 44.0 66.0
99 16.7 48.3 72.5#

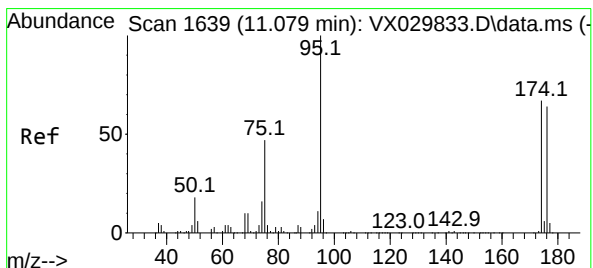
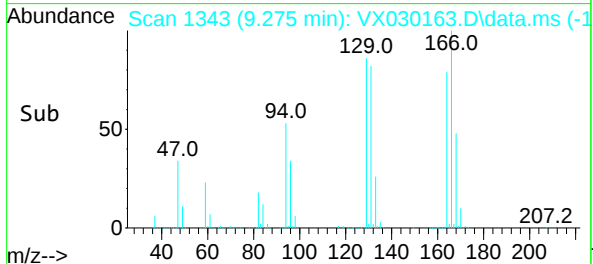
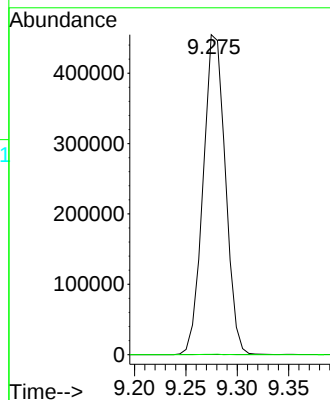
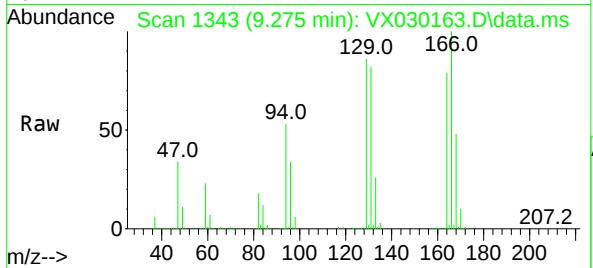




#60
Dibromochloromethane
Concen: 342.182 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX030163.D
Acq: 21 Jul 2022 15:32

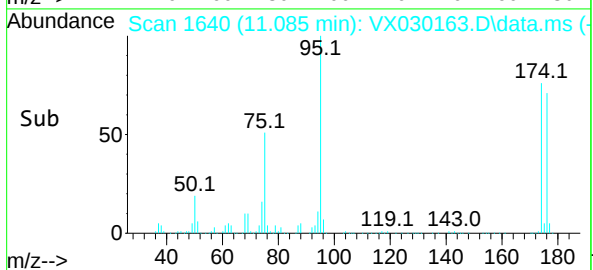
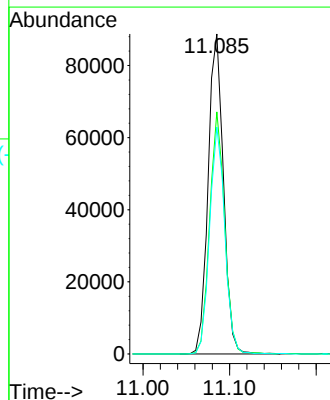
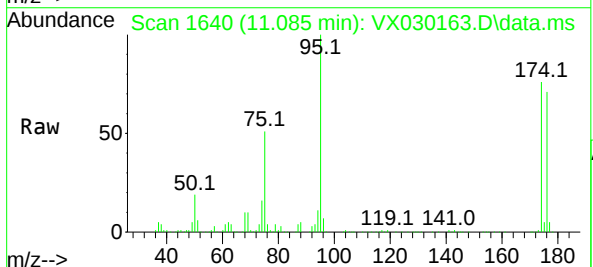
Instrument :
MSVOA_X
ClientSampleId :
SPC-04-84DL

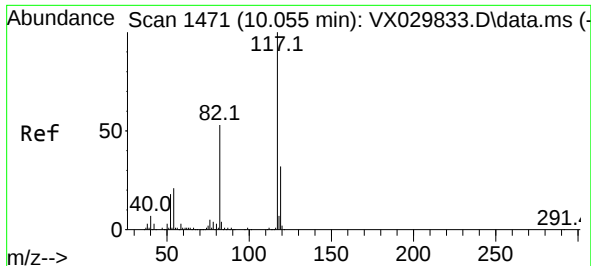
Tgt Ion:129 Resp: 683938
Ion Ratio Lower Upper
129 100
127 0.1 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 43.302 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030163.D
Acq: 21 Jul 2022 15:32

Tgt Ion: 95 Resp: 108912
Ion Ratio Lower Upper
95 100
174 74.1 0.0 149.0
176 70.0 0.0 146.0

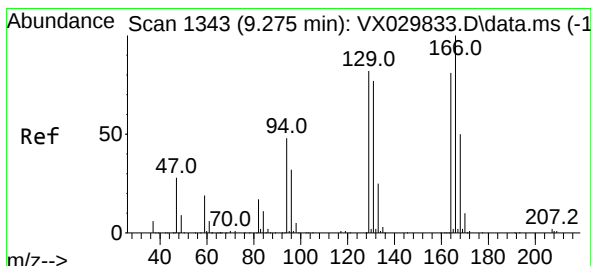
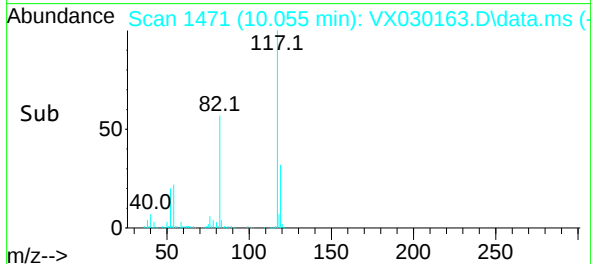
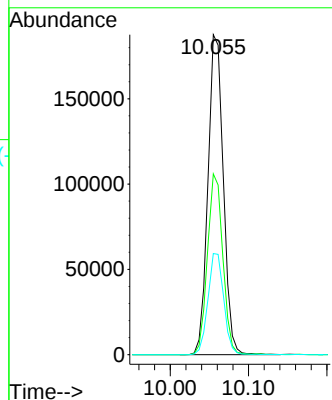
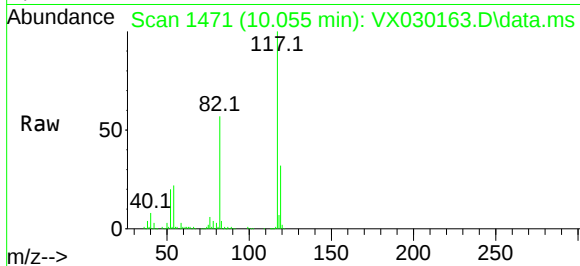




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030163.D
Acq: 21 Jul 2022 15:32

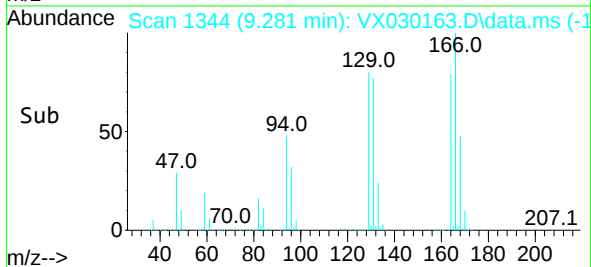
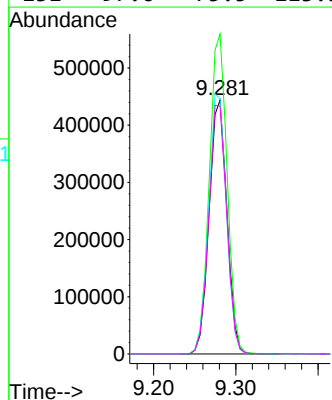
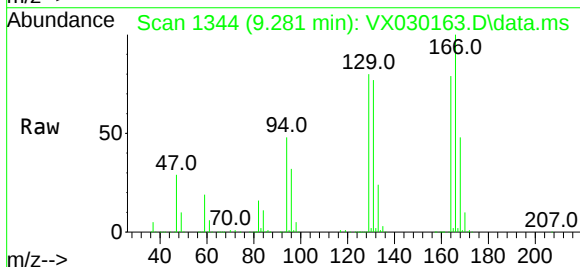
Instrument :
MSVOA_X
ClientSampleId :
SPC-04-84DL

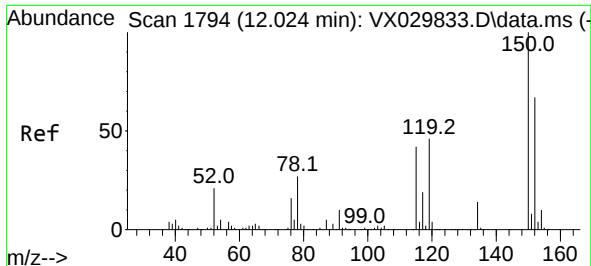
Tgt Ion:117 Resp: 255277
Ion Ratio Lower Upper
117 100
82 56.5 42.7 64.1
119 31.6 25.4 38.2



#64
Tetrachloroethene
Concen: 325.797 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX030163.D
Acq: 21 Jul 2022 15:32

Tgt Ion:164 Resp: 667623
Ion Ratio Lower Upper
164 100
166 126.0 98.2 147.4
129 100.5 80.8 121.2
131 97.6 75.5 113.3

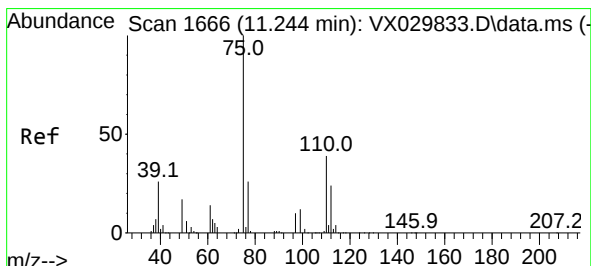
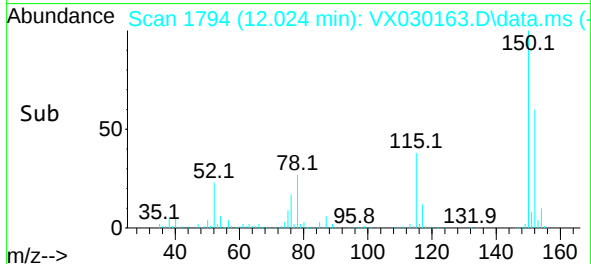
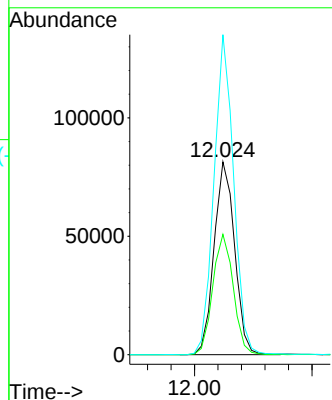
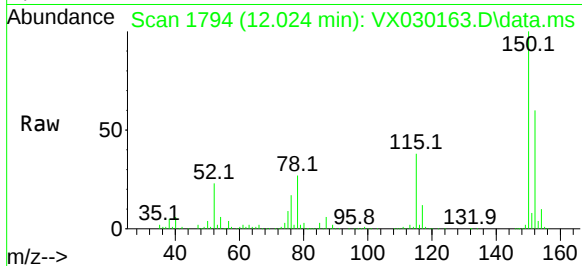




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030163.D
Acq: 21 Jul 2022 15:32

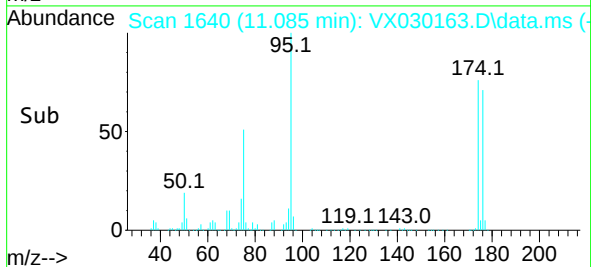
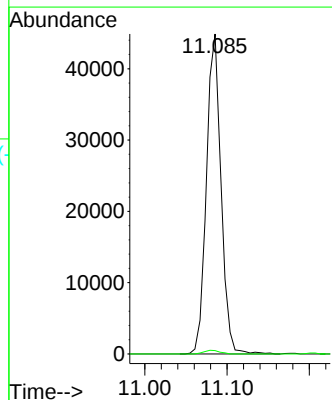
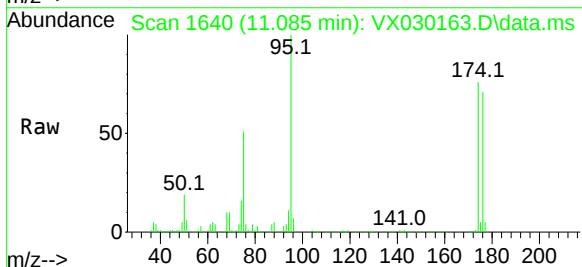
Instrument :
MSVOA_X
ClientSampleId :
SPC-04-84DL

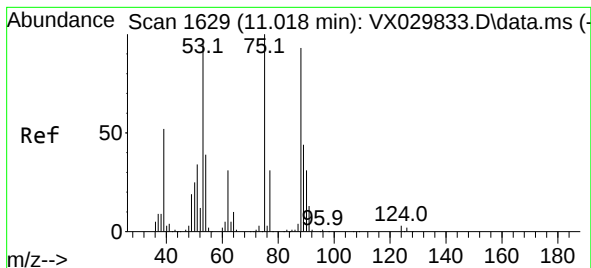
Tgt Ion:152 Resp: 98997
Ion Ratio Lower Upper
152 100
115 62.2 40.5 121.5
150 159.1 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 24.279 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030163.D
Acq: 21 Jul 2022 15:32

Tgt Ion: 75 Resp: 55263
Ion Ratio Lower Upper
75 100
77 1.3 19.8 59.3#

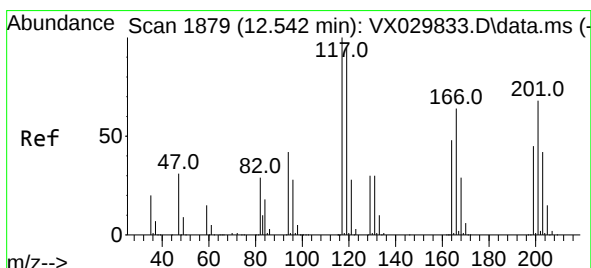
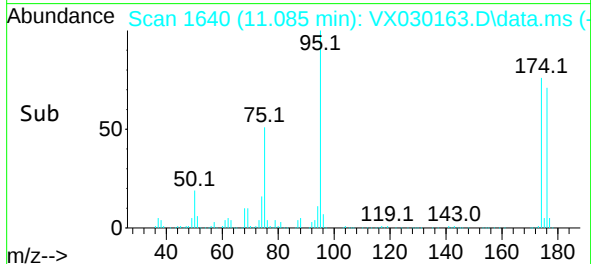
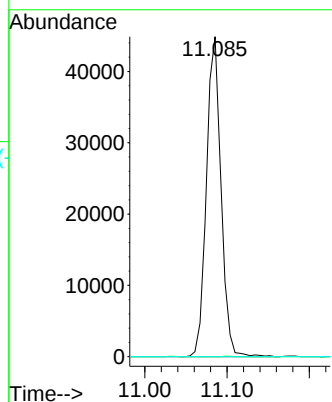
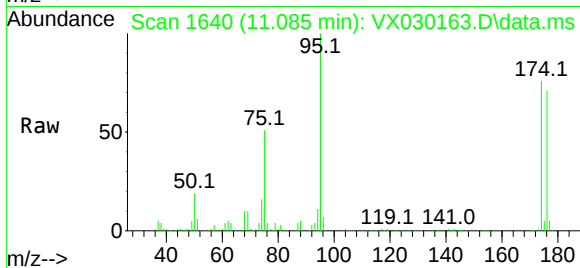




#81
trans-1,4-Dichloro-2-butene
Concen: 70.069 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX030163.D
Acq: 21 Jul 2022 15:32

Instrument :
MSVOA_X
ClientSampleId :
SPC-04-84DL

Tgt Ion: 75 Resp: 55263
Ion Ratio Lower Upper
75 100
53 0.1 74.2 111.4#
89 0.0 34.8 52.2#



#90
Hexachloroethane
Concen: 0.363 ug/l
RT: 12.548 min Scan# 1880
Delta R.T. 0.006 min
Lab File: VX030163.D
Acq: 21 Jul 2022 15:32

Tgt Ion: 117 Resp: 367
Ion Ratio Lower Upper
117 100
201 70.0 34.2 102.5

