

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123121\
 Data File : VX026164.D
 Acq On : 30 Dec 2021 13:40
 Operator : JC/MD
 Sample : M5132-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 31 07:07:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

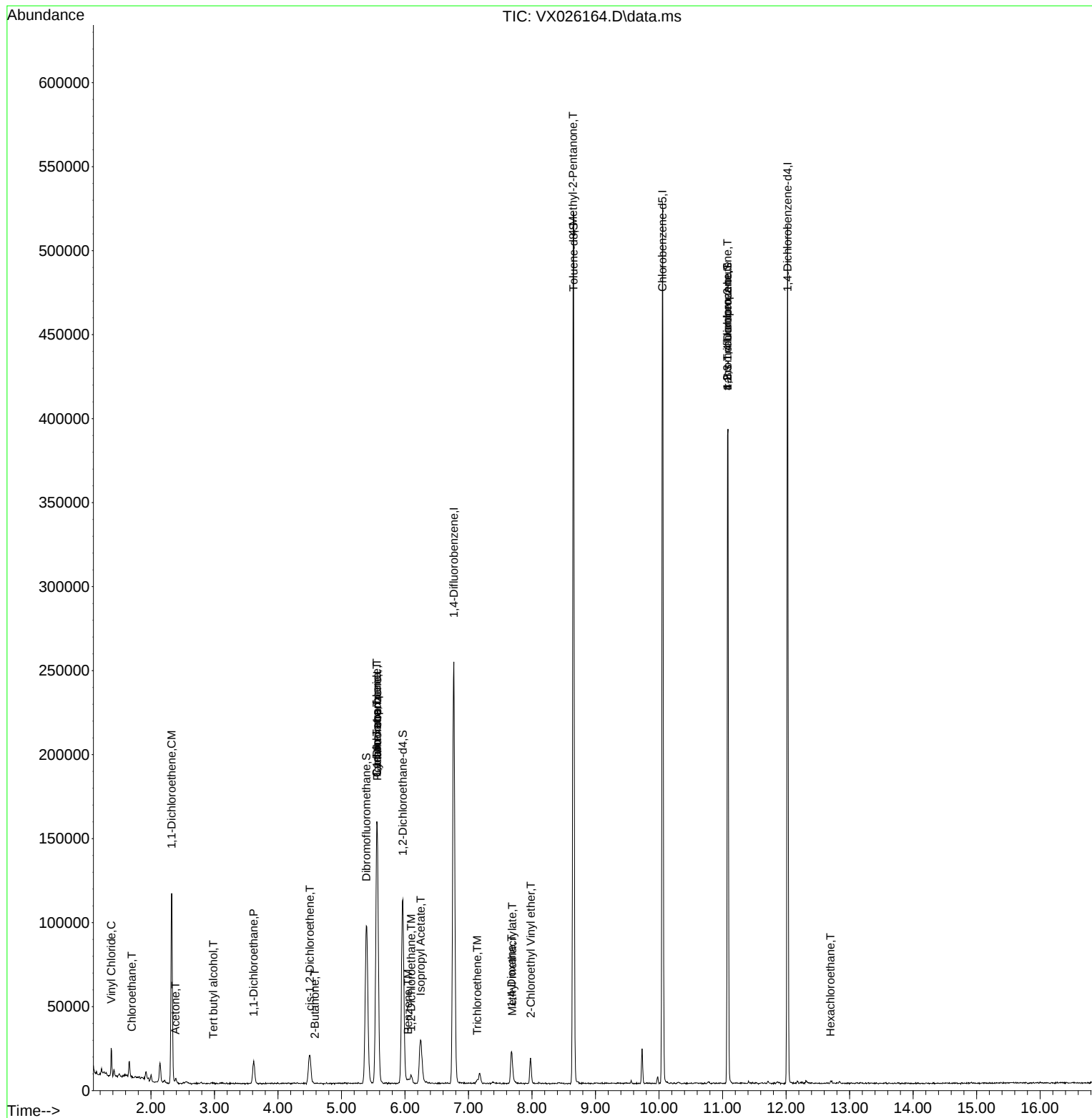
Internal Standards						
1) Pentafluorobenzene	5.562	168	141075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	242242	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	105039	51.466	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.940%	
35) Dibromofluoromethane	5.391	113	81451	51.718	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.440%	
50) Toluene-d8	8.653	98	288423	49.236	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.480%	
62) 4-Bromofluorobenzene	11.079	95	99396	47.663	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.320%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	9965	5.490	ug/l	98
6) Chloroethane	1.697	64	437	0.342	ug/l #	85
11) Tert butyl alcohol	2.983	59	89	0.218	ug/l #	73
12) 1,1-Dichloroethene	2.325	96	35218	22.544	ug/l	90
16) Acetone	2.386	43	3234	2.925	ug/l #	83
20) Methylene Chloride	2.788	84	203	Below Cal	#	88
24) 1,1-Dichloroethane	3.617	63	13975	4.376	ug/l	97
25) 2-Butanone	4.580	43	507	0.329	ug/l #	49
27) cis-1,2-Dichloroethene	4.501	96	10419	5.374	ug/l	97
31) Cyclohexane	5.556	56	3754	1.292	ug/l #	43
36) 1,1-Dichloropropene	5.556	75	12253	4.824	ug/l #	49
38) Carbon Tetrachloride	5.556	117	15171	5.369	ug/l #	17
40) Benzene	6.050	78	2378	0.328	ug/l	94
42) 1,2-Dichloroethane	6.098	62	4783	1.630	ug/l	95
43) Isopropyl Acetate	6.245	43	7979	1.662	ug/l #	61
44) Trichloroethene	7.135	130	747	0.383	ug/l	88
48) Methyl methacrylate	7.690	41	517	0.225	ug/l #	20
49) 1,4-Dioxane	7.677	88	17107	403.233	ug/l	96
51) 4-Methyl-2-Pentanone	8.647	43	1672	0.560	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.982	63	370	10.064	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	55216	24.123	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	55216	69.789	ug/l #	12
90) Hexachloroethane	12.701	117	597	0.484	ug/l #	14

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123121\
Data File : VX026164.D
Acq On : 30 Dec 2021 13:40
Operator : JC/MD
Sample : M5132-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

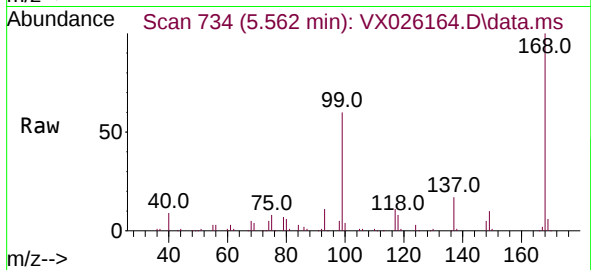
Quant Time: Dec 31 07:07:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration



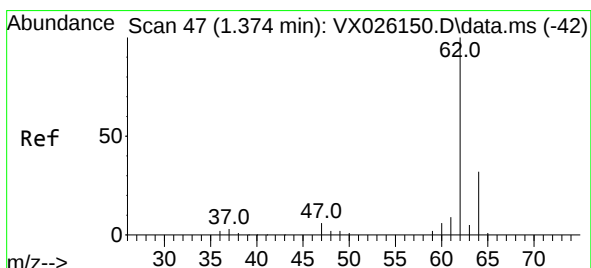
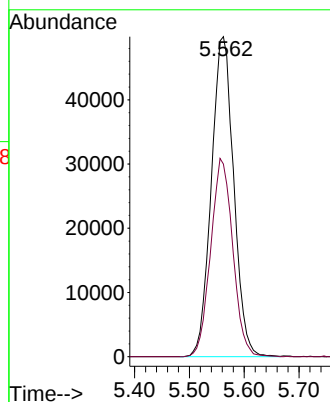
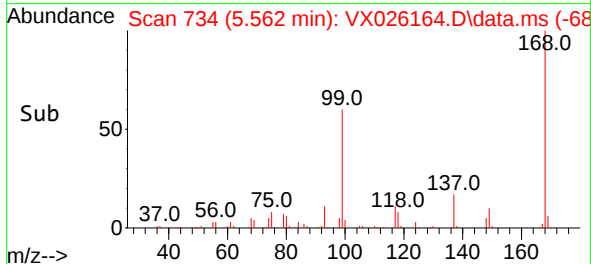


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026164.D
Acq: 30 Dec 2021 13:40

Instrument :
MSVOA_X
ClientSampleId :

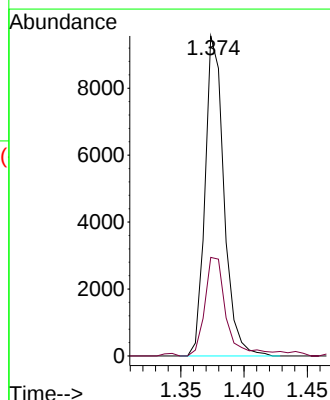
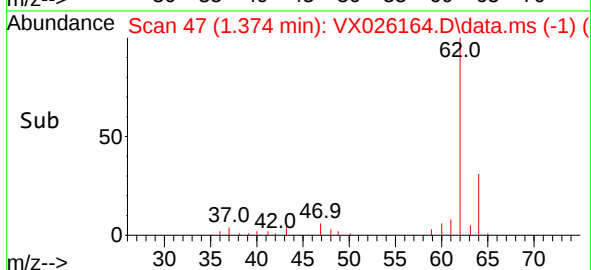
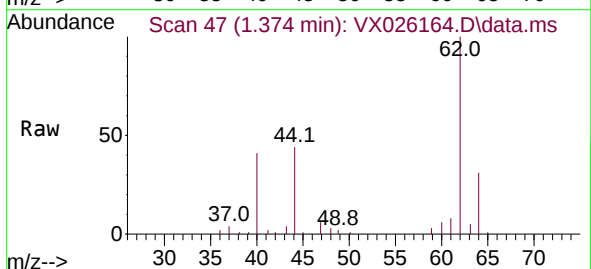


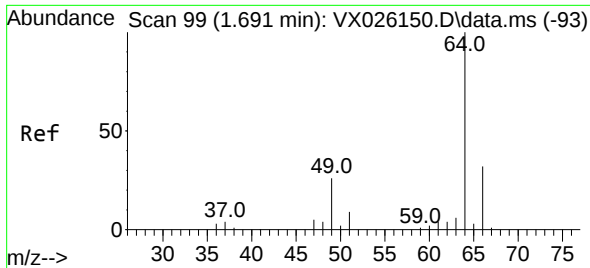
Tgt Ion:168 Resp: 141075
Ion Ratio Lower Upper
168 100
99 60.2 45.8 68.8



#4
Vinyl Chloride
Concen: 5.490 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX026164.D
Acq: 30 Dec 2021 13:40

Tgt Ion: 62 Resp: 9965
Ion Ratio Lower Upper
62 100
64 30.8 25.4 38.2

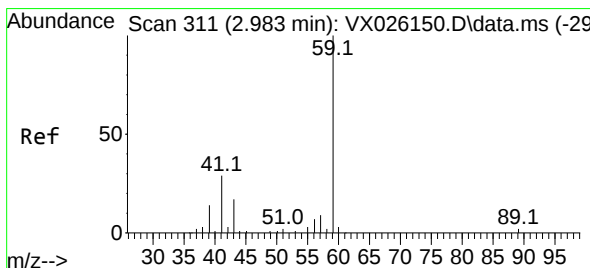
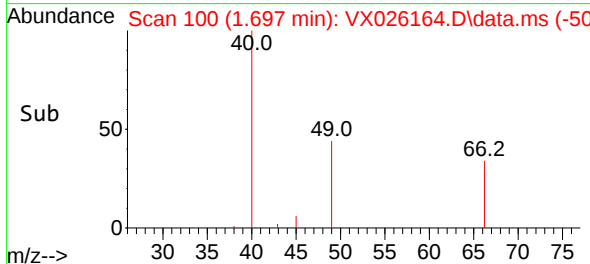
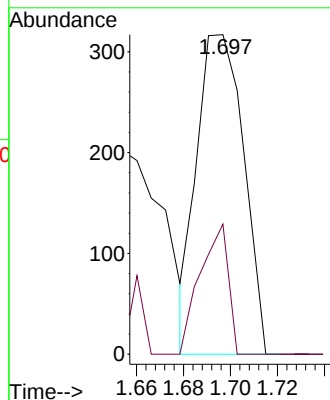
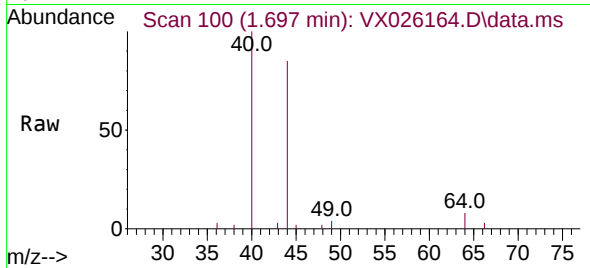




#6
Chloroethane
Concen: 0.342 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.006 min
Lab File: VX026164.D
Acq: 30 Dec 2021 13:40

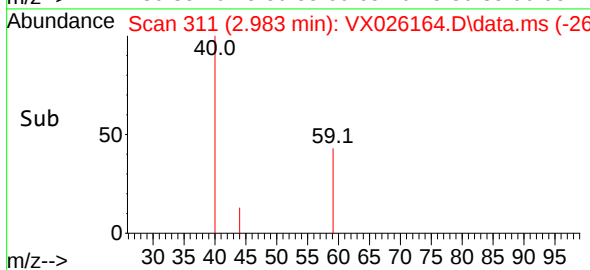
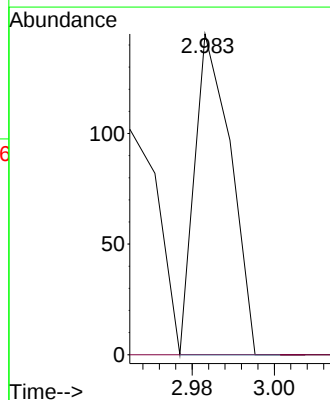
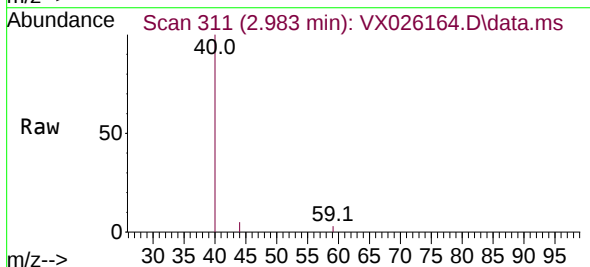
Instrument :
MSVOA_X
ClientSampleId :

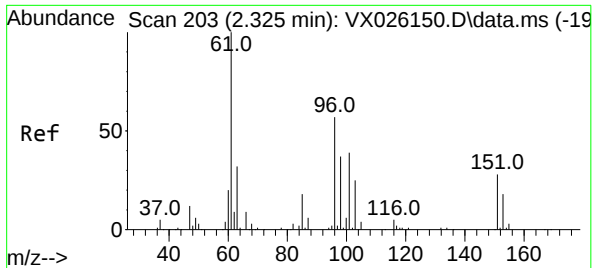
Tgt Ion: 64 Resp: 437
Ion Ratio Lower Upper
64 100
66 40.7 25.9 38.9#



#11
Tert butyl alcohol
Concen: 0.218 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX026164.D
Acq: 30 Dec 2021 13:40

Tgt Ion: 59 Resp: 89
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#12

1,1-Dichloroethene

Concen: 22.544 ug/l

RT: 2.325 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX026164.D

Acq: 30 Dec 2021 13:40

Instrument :

MSVOA_X

ClientSampleId :

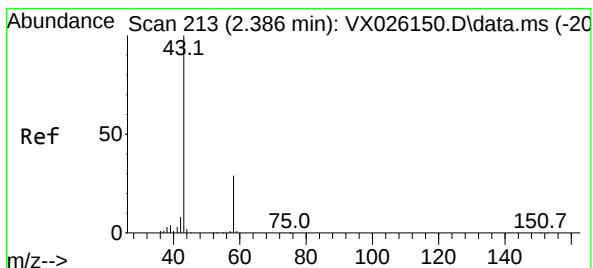
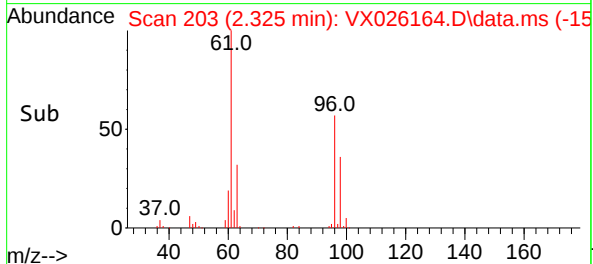
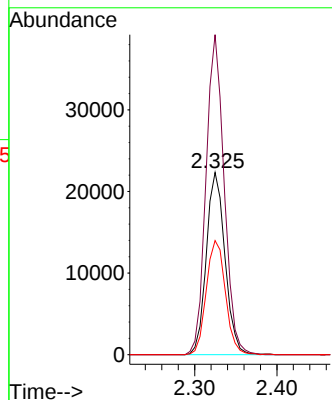
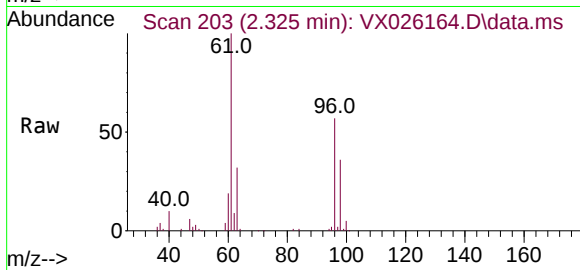
Tgt Ion: 96 Resp: 35218

Ion Ratio Lower Upper

96 100

61 175.6 127.5 191.3

98 62.6 52.0 78.0



#16

Acetone

Concen: 2.925 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX026164.D

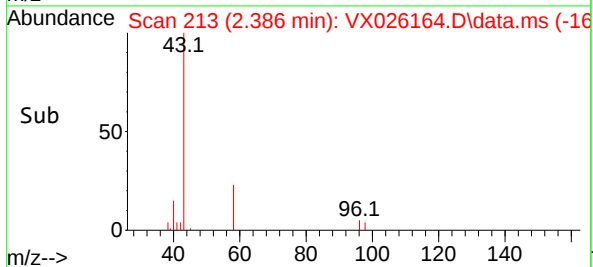
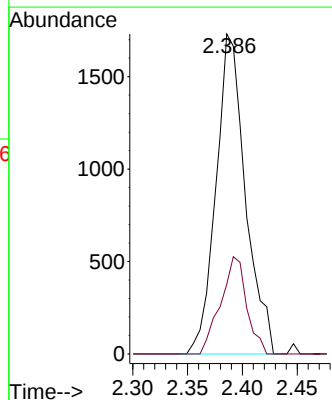
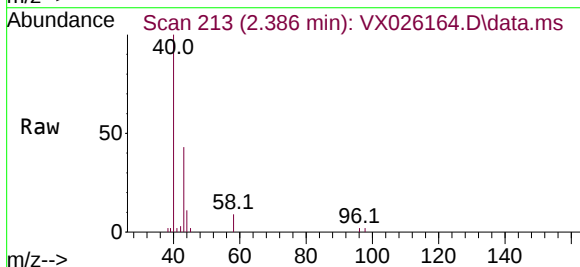
Acq: 30 Dec 2021 13:40

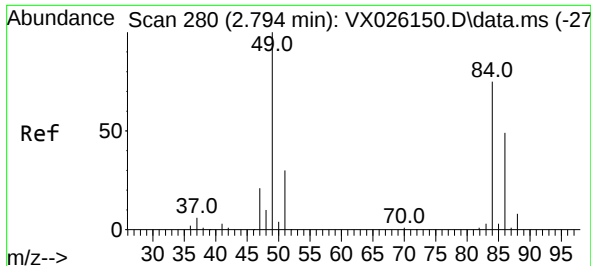
Tgt Ion: 43 Resp: 3234

Ion Ratio Lower Upper

43 100

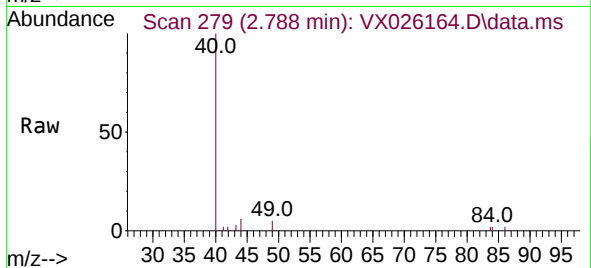
58 21.8 24.8 37.2#



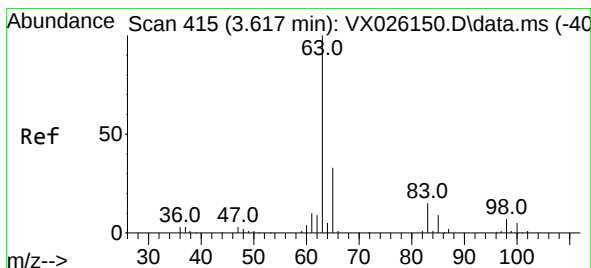
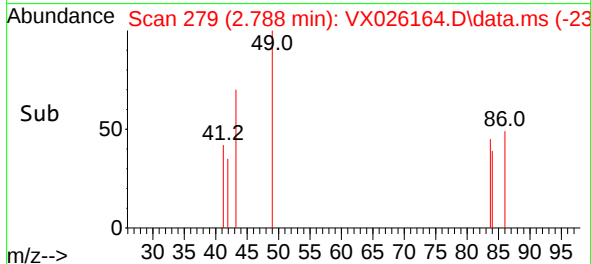
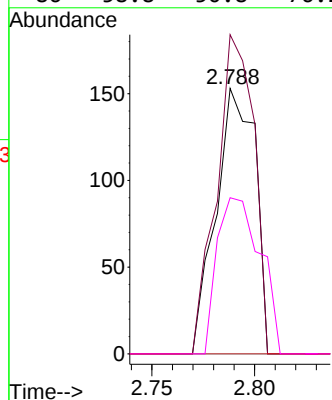


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX026164.D
Acq: 30 Dec 2021 13:40

Instrument :
MSVOA_X
ClientSampleId :

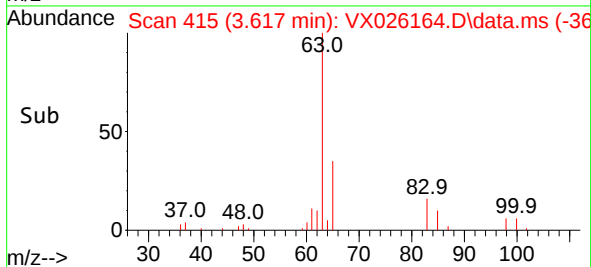
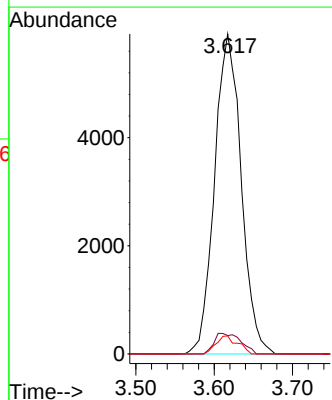
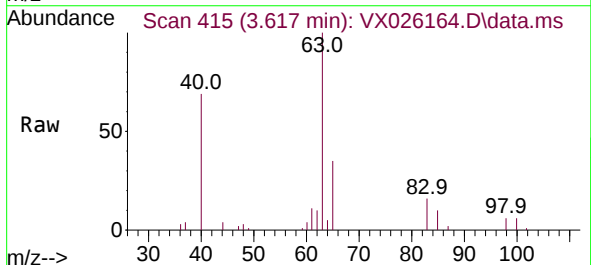


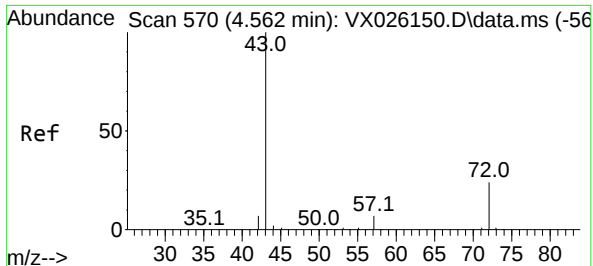
Tgt Ion:	84	Resp:	203
Ion	Ratio	Lower	Upper
84	100		
49	120.3	97.1	145.7
51	0.0	29.3	43.9#
86	58.8	50.8	76.2



#24
1,1-Dichloroethane
Concen: 4.376 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.000 min
Lab File: VX026164.D
Acq: 30 Dec 2021 13:40

Tgt Ion:	63	Resp:	13975
Ion	Ratio	Lower	Upper
63	100		
98	5.8	3.3	9.9
100	5.6	2.2	6.6

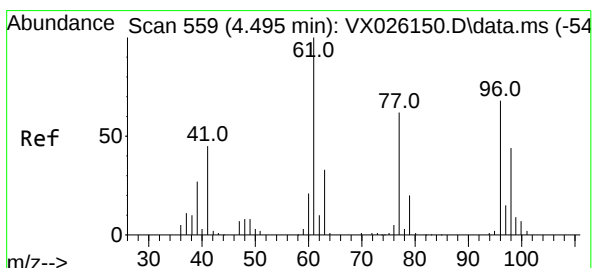
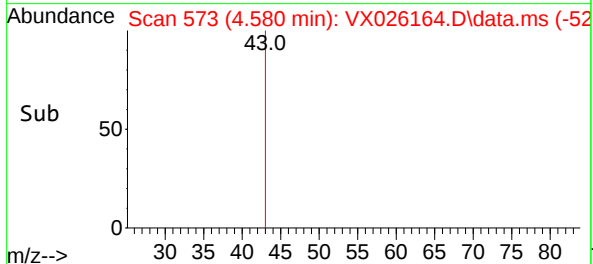
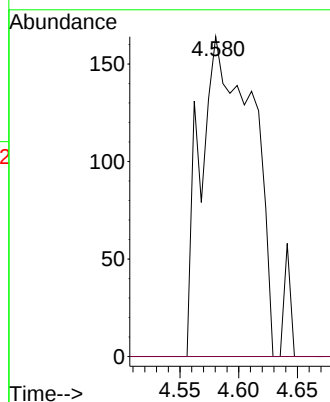
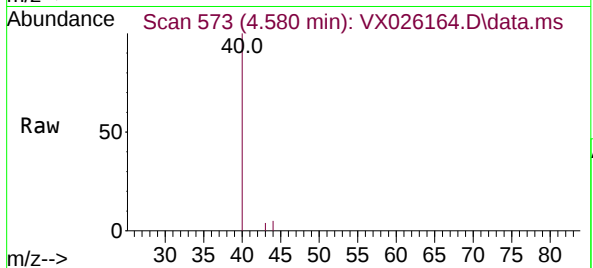




#25
2-Butanone
Concen: 0.329 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX026164.D
Acq: 30 Dec 2021 13:40

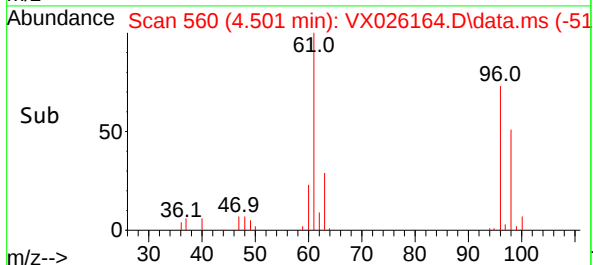
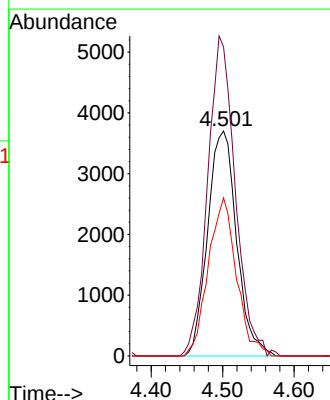
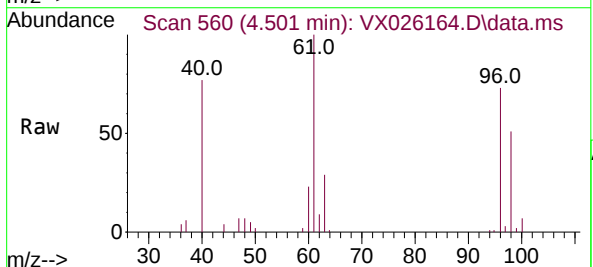
Instrument :
MSVOA_X
ClientSampleId :

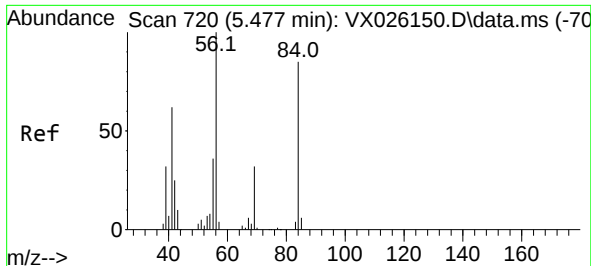
Tgt Ion: 43 Resp: 507
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#



#27
cis-1,2-Dichloroethene
Concen: 5.374 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX026164.D
Acq: 30 Dec 2021 13:40

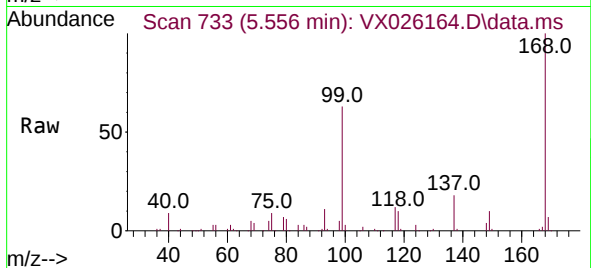
Tgt Ion: 96 Resp: 10419
Ion Ratio Lower Upper
96 100
61 135.6 0.0 276.8
98 68.2 0.0 130.6



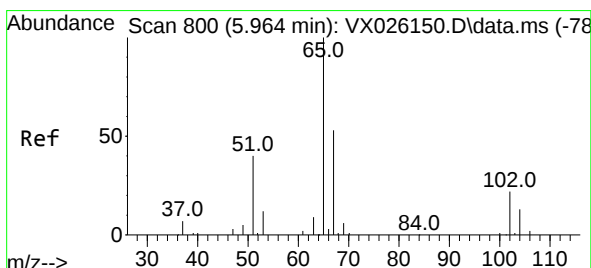
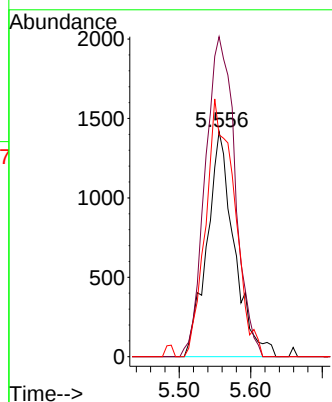
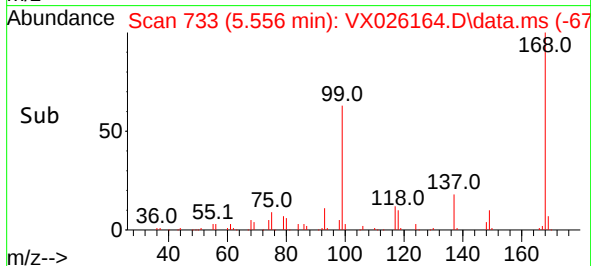


#31
Cyclohexane
Concen: 1.292 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX026164.D
Acq: 30 Dec 2021 13:40

Instrument :
MSVOA_X
ClientSampleId :

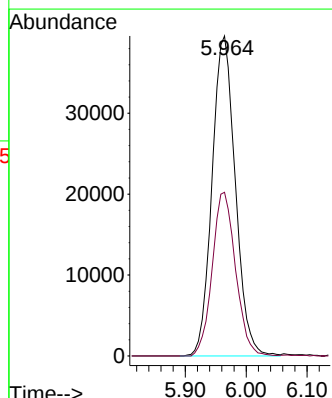
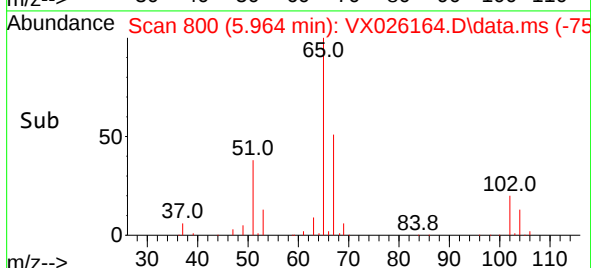
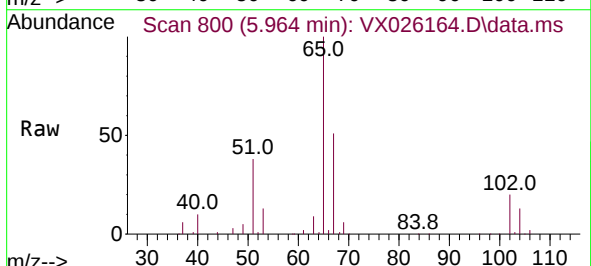


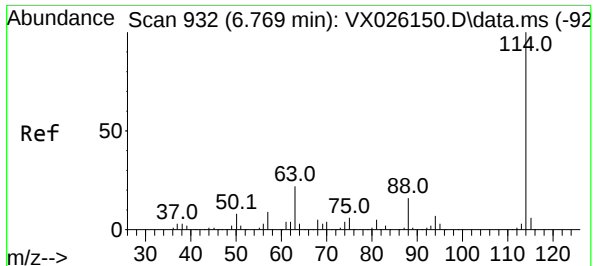
Tgt Ion: 56 Resp: 3754
Ion Ratio Lower Upper
56 100
69 142.1 23.9 35.9#
84 98.6 73.2 109.8



#33
1,2-Dichloroethane-d4
Concen: 51.466 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX026164.D
Acq: 30 Dec 2021 13:40

Tgt Ion: 65 Resp: 105039
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.4

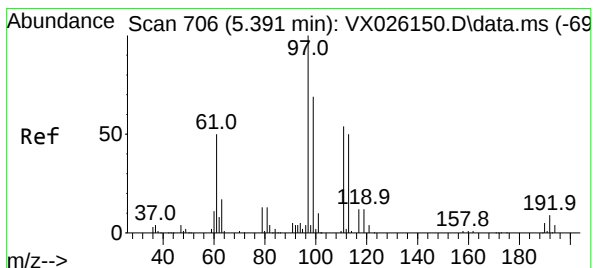
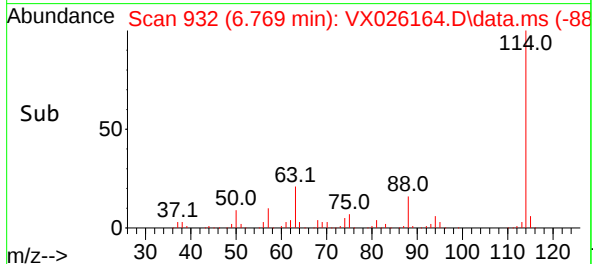
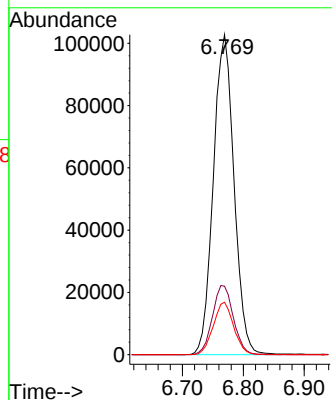
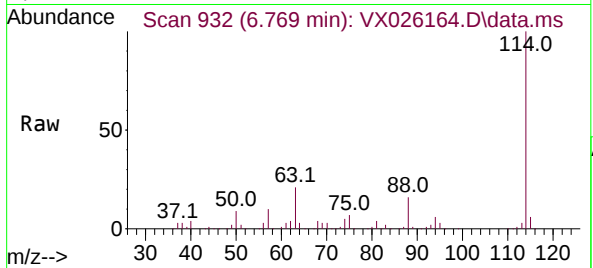




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX026164.D
Acq: 30 Dec 2021 13:40

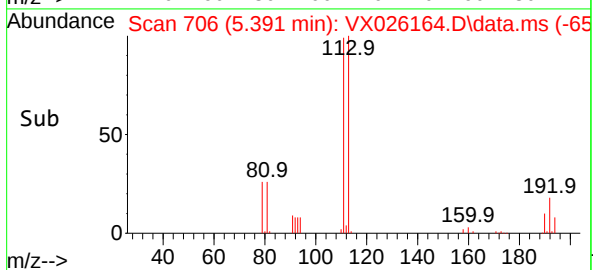
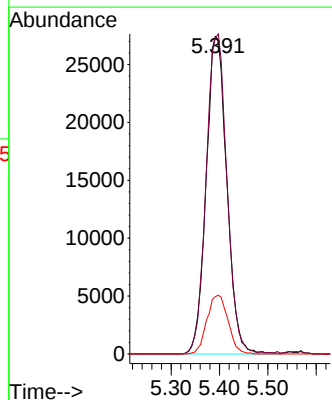
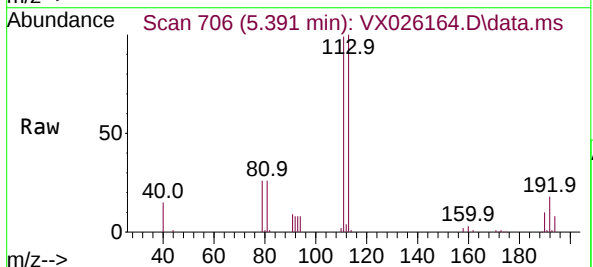
Instrument :
MSVOA_X
ClientSampleId :

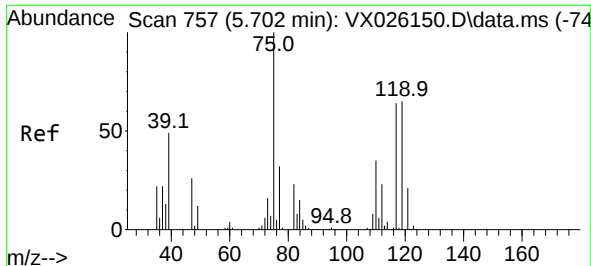
Tgt Ion:114 Resp: 242242
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.0
88 16.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.718 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026164.D
Acq: 30 Dec 2021 13:40

Tgt Ion:113 Resp: 81451
Ion Ratio Lower Upper
113 100
111 101.2 81.8 122.8
192 18.8 15.0 22.4

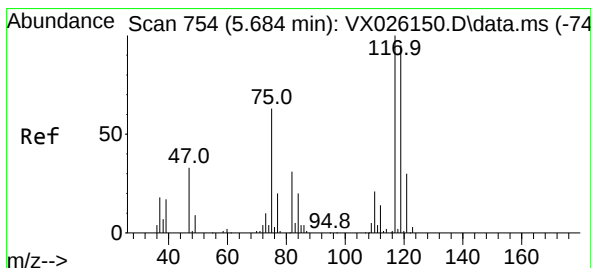
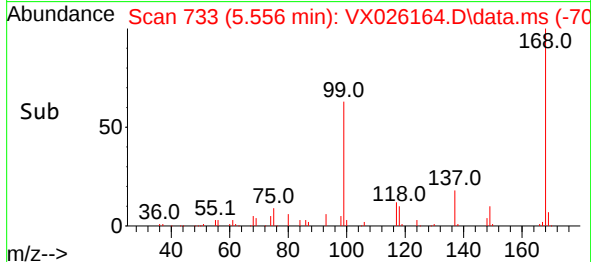
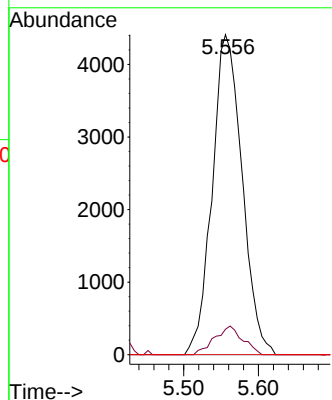
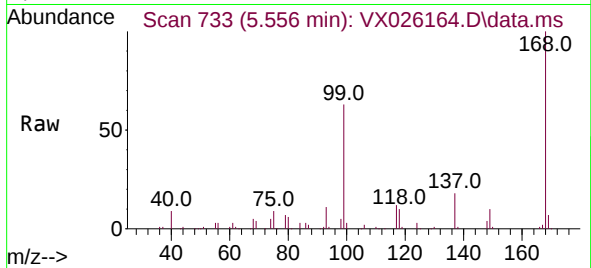




#36
 1,1-Dichloropropene
 Concen: 4.824 ug/l
 RT: 5.556 min Scan# 711
 Delta R.T. -0.146 min
 Lab File: VX026164.D
 Acq: 30 Dec 2021 13:40

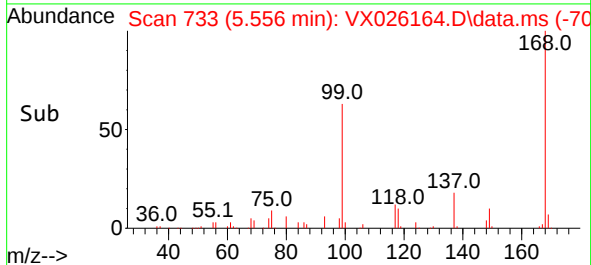
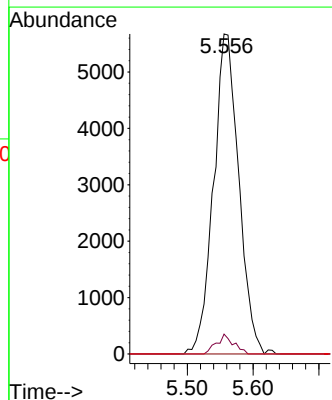
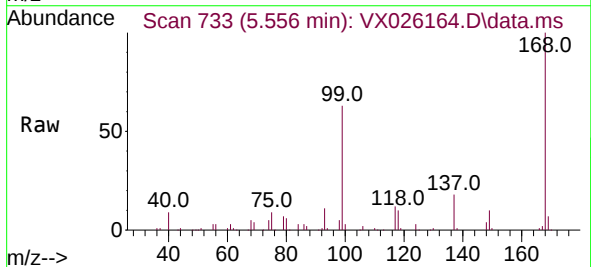
Instrument :
 MSVOA_X
 ClientSampleId :

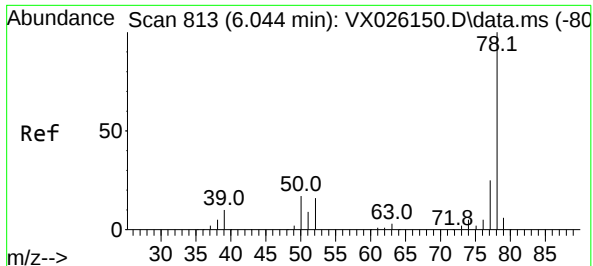
Tgt Ion: 75 Resp: 12253
 Ion Ratio Lower Upper
 75 100
 110 8.4 18.2 54.6#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.369 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.128 min
 Lab File: VX026164.D
 Acq: 30 Dec 2021 13:40

Tgt Ion: 117 Resp: 15171
 Ion Ratio Lower Upper
 117 100
 119 6.2 77.2 115.8#
 121 0.0 23.8 35.8#

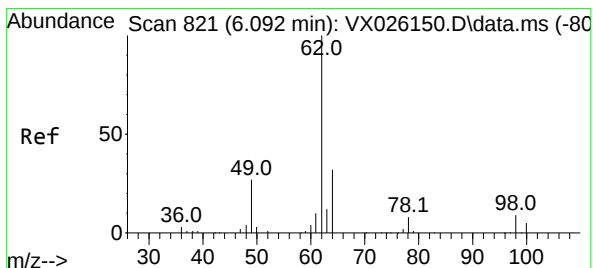
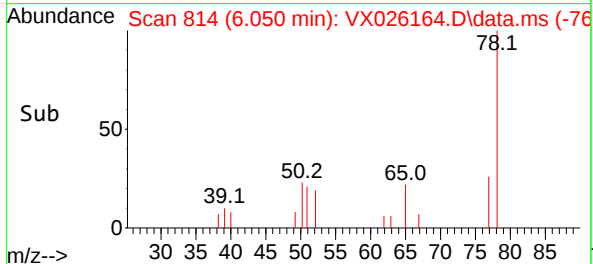
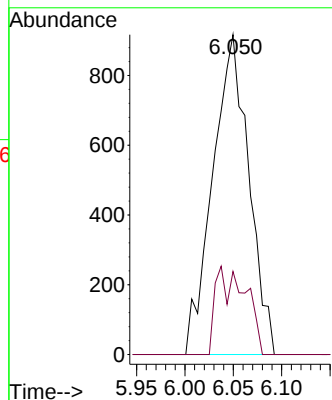
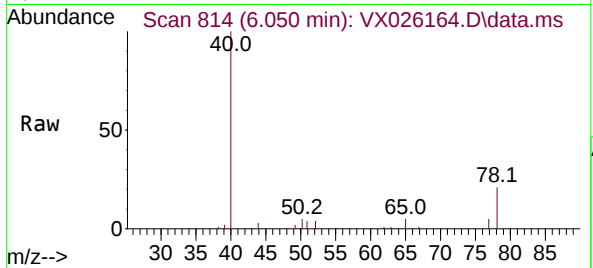




#40
Benzene
Concen: 0.328 ug/l
RT: 6.050 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX026164.D
Acq: 30 Dec 2021 13:40

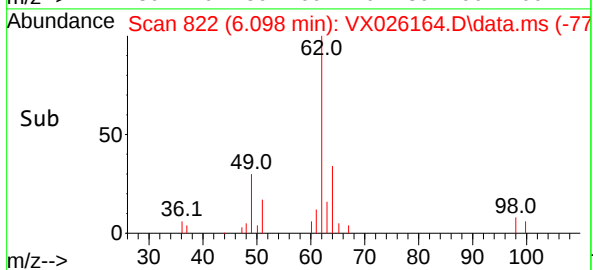
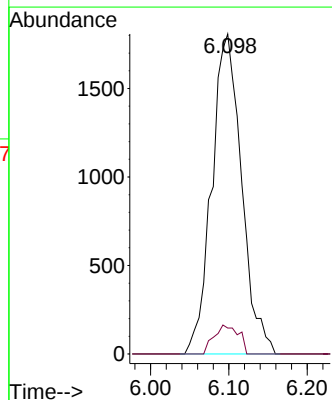
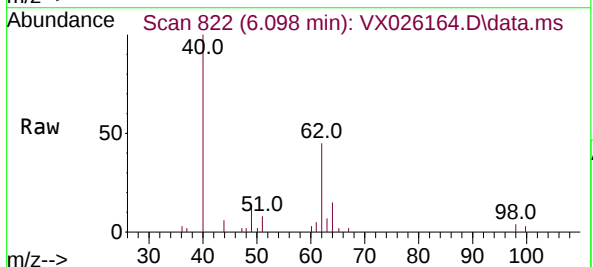
Instrument :
MSVOA_X
ClientSampleId :

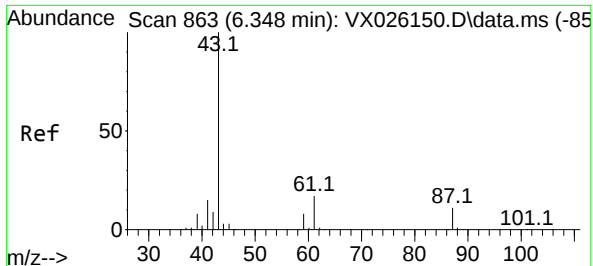
Tgt Ion: 78 Resp: 2378
Ion Ratio Lower Upper
78 100
77 26.0 18.6 27.8



#42
1,2-Dichloroethane
Concen: 1.630 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.006 min
Lab File: VX026164.D
Acq: 30 Dec 2021 13:40

Tgt Ion: 62 Resp: 4783
Ion Ratio Lower Upper
62 100
98 7.5 0.0 18.8





#43

Isopropyl Acetate

Concen: 1.662 ug/l

RT: 6.245 min Scan# 84

Delta R.T. -0.103 min

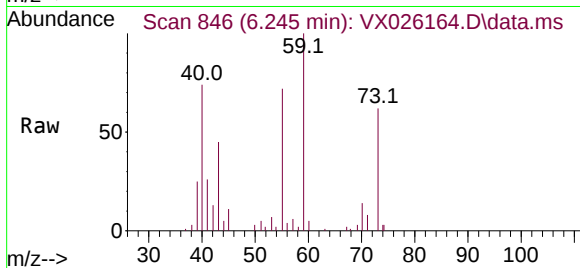
Lab File: VX026164.D

Acq: 30 Dec 2021 13:40

Instrument :

MSVOA_X

ClientSampleId :



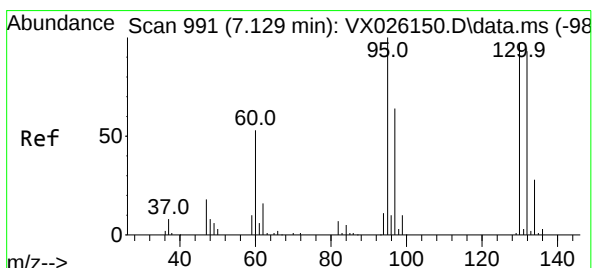
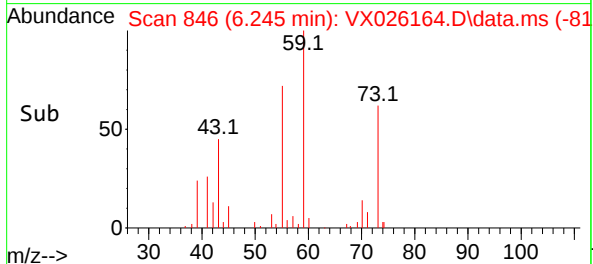
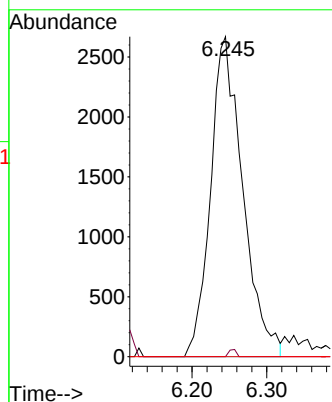
Tgt Ion: 43 Resp: 7979

Ion Ratio Lower Upper

43 100

61 0.5 15.7 23.5#

87 0.0 11.2 16.8#



#44

Trichloroethene

Concen: 0.383 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX026164.D

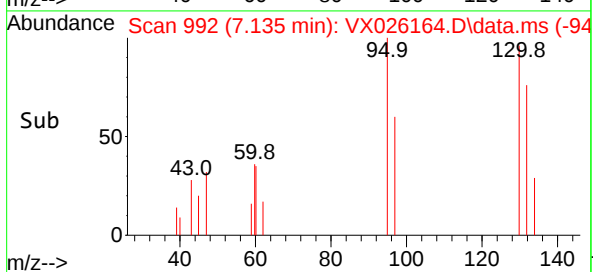
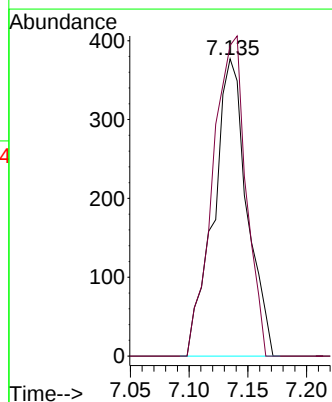
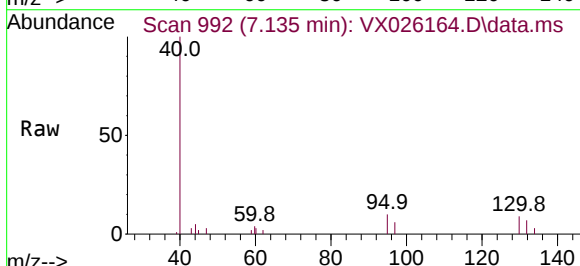
Acq: 30 Dec 2021 13:40

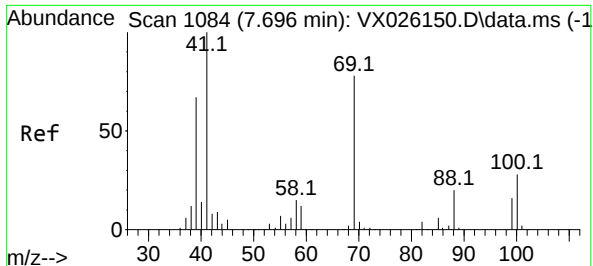
Tgt Ion:130 Resp: 747

Ion Ratio Lower Upper

130 100

95 104.5 0.0 186.4





#48

Methyl methacrylate

Concen: 0.225 ug/l

RT: 7.690 min Scan# 1084

Delta R.T. -0.006 min

Lab File: VX026164.D

Acq: 30 Dec 2021 13:40

Instrument :

MSVOA_X

ClientSampleId :

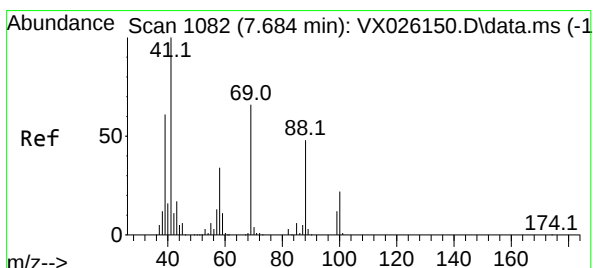
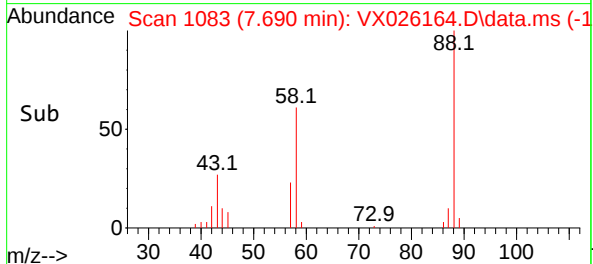
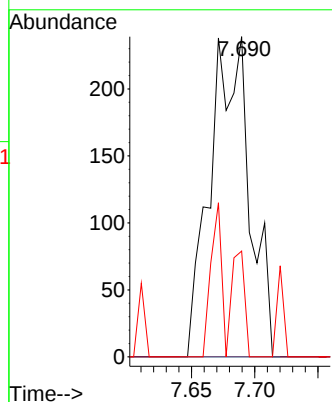
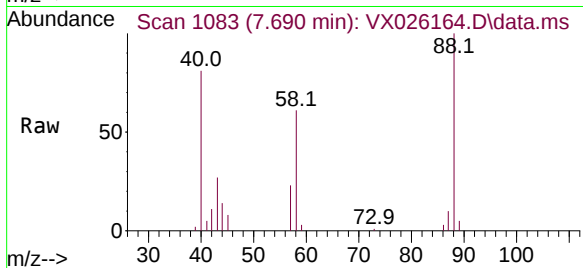
Tgt Ion: 41 Resp: 517

Ion Ratio Lower Upper

41 100

69 0.0 67.3 100.9#

39 13.2 50.2 75.2#



#49

1,4-Dioxane

Concen: 403.233 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. -0.007 min

Lab File: VX026164.D

Acq: 30 Dec 2021 13:40

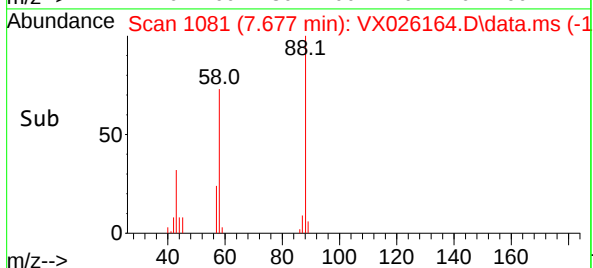
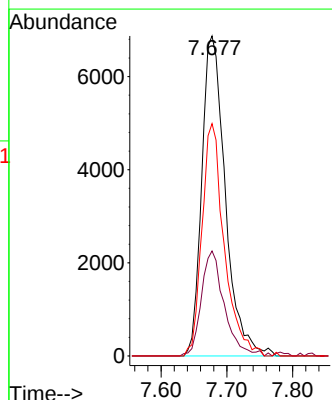
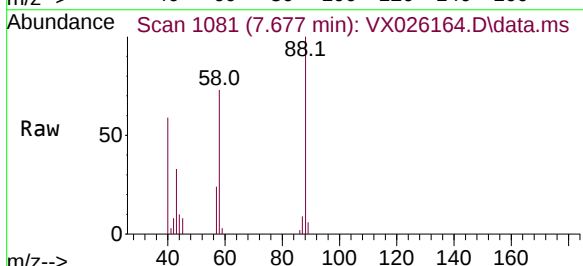
Tgt Ion: 88 Resp: 17107

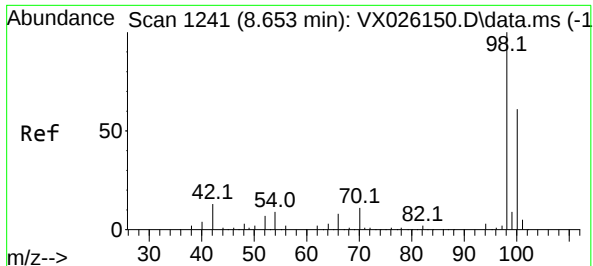
Ion Ratio Lower Upper

88 100

43 32.0 25.3 37.9

58 68.6 51.8 77.6





#50

Toluene-d8

Concen: 49.236 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX026164.D

Acq: 30 Dec 2021 13:40

Instrument :

MSVOA_X

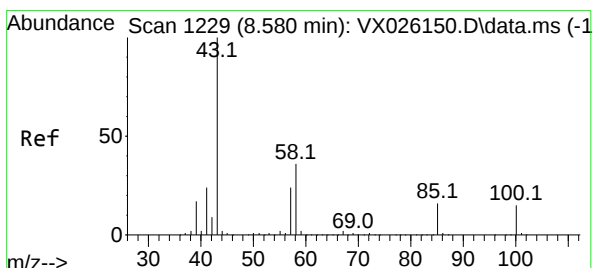
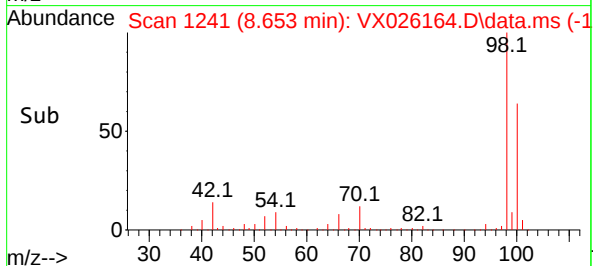
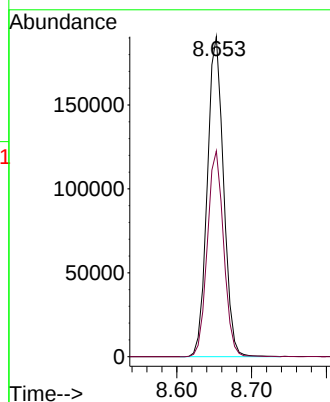
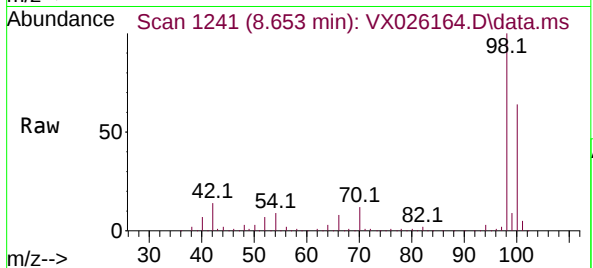
ClientSampleId :

Tgt Ion: 98 Resp: 288423

Ion Ratio Lower Upper

98 100

100 64.5 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.560 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX026164.D

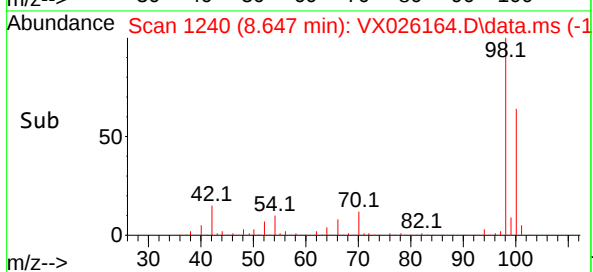
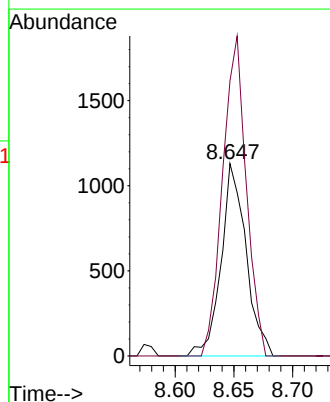
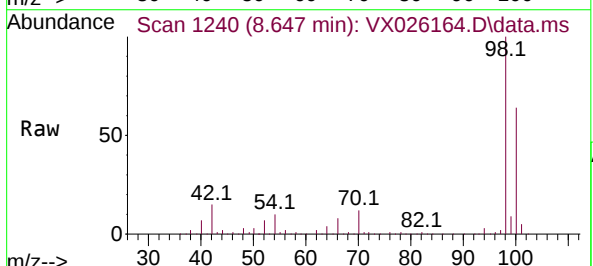
Acq: 30 Dec 2021 13:40

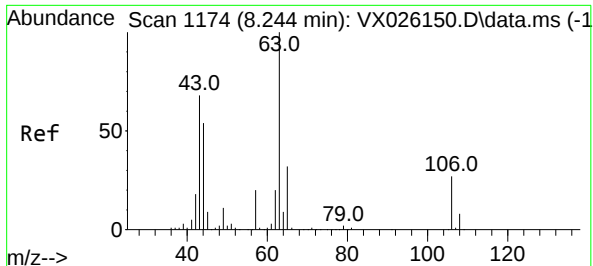
Tgt Ion: 43 Resp: 1672

Ion Ratio Lower Upper

43 100

58 157.5 30.8 46.2#

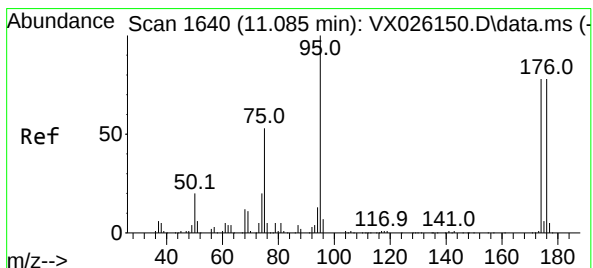
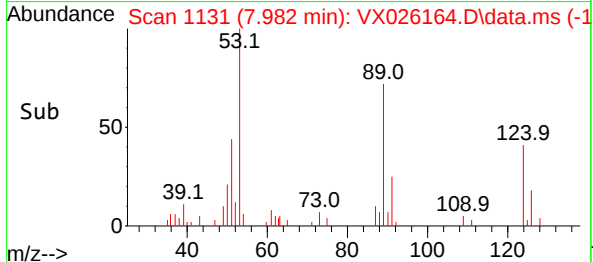
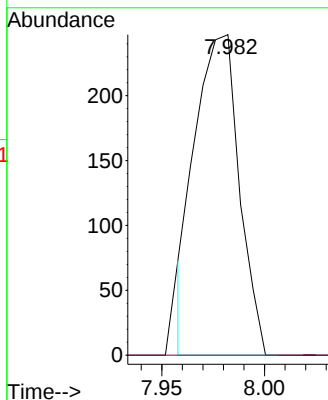
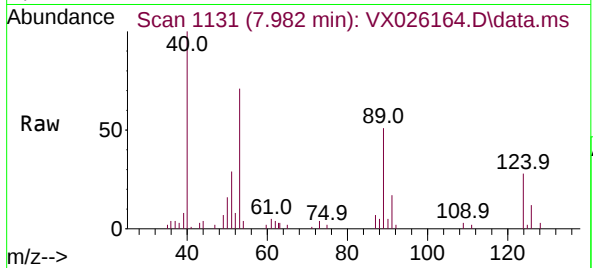




#58
2-Chloroethyl Vinyl ether
Concen: 10.064 ug/l
RT: 7.982 min Scan# 1174
Delta R.T. -0.262 min
Lab File: VX026164.D
Acq: 30 Dec 2021 13:40

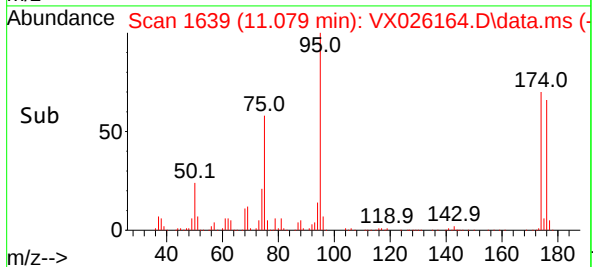
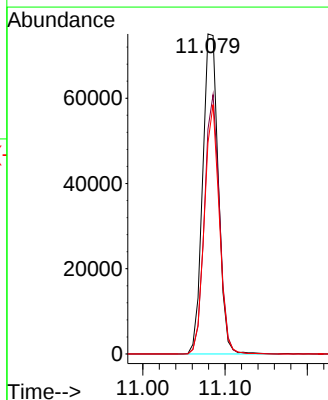
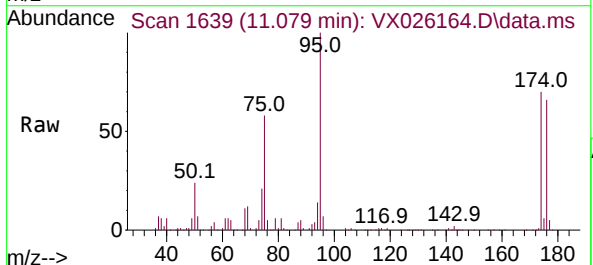
Instrument :
MSVOA_X
ClientSampleId :

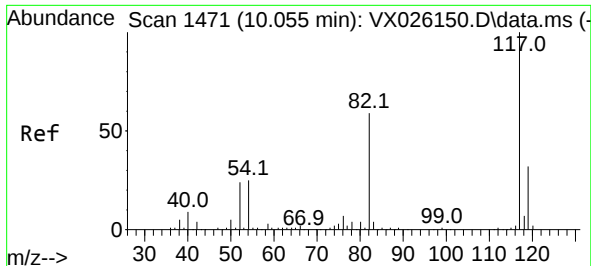
Tgt Ion: 63 Resp: 370
Ion Ratio Lower Upper
63 100
106 0.0 24.4 36.6#



#62
4-Bromofluorobenzene
Concen: 47.663 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX026164.D
Acq: 30 Dec 2021 13:40

Tgt Ion: 95 Resp: 99396
Ion Ratio Lower Upper
95 100
174 77.4 0.0 157.4
176 73.9 0.0 154.6

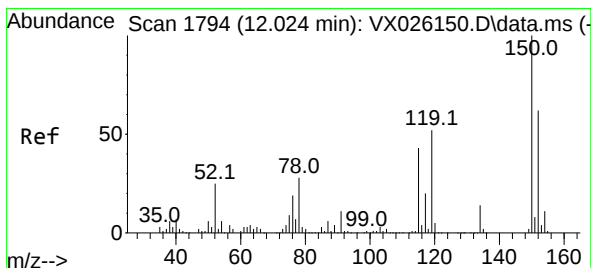
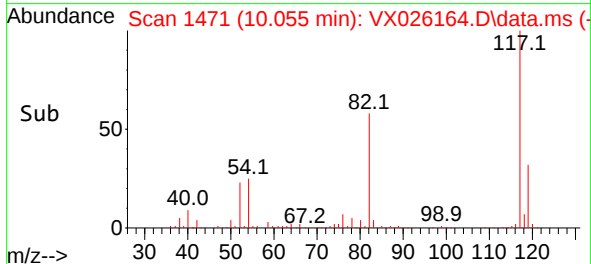
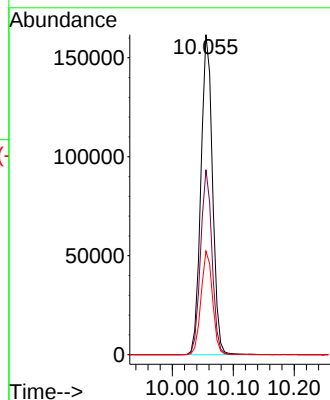
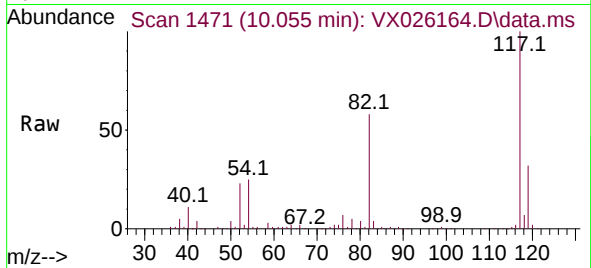




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026164.D
Acq: 30 Dec 2021 13:40

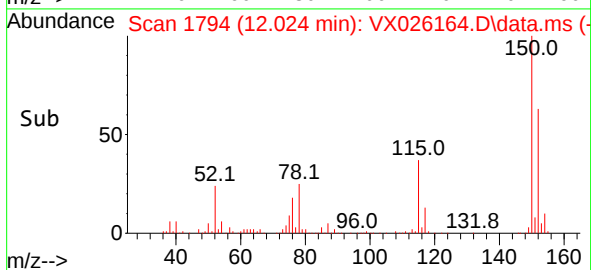
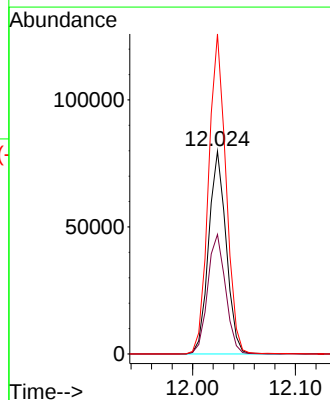
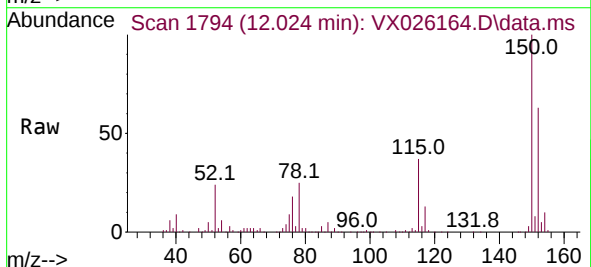
Instrument :
MSVOA_X
ClientSampleId :

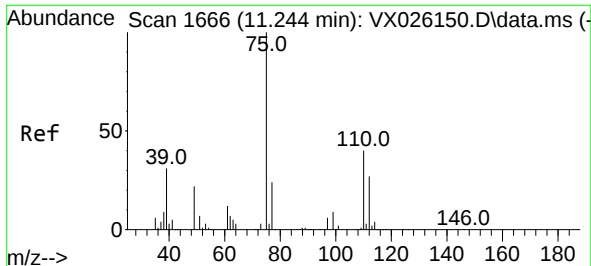
Tgt Ion:117 Resp: 214542
Ion Ratio Lower Upper
117 100
82 57.8 43.8 65.6
119 32.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026164.D
Acq: 30 Dec 2021 13:40

Tgt Ion:152 Resp: 94828
Ion Ratio Lower Upper
152 100
115 60.2 41.3 123.9
150 157.2 0.0 351.8

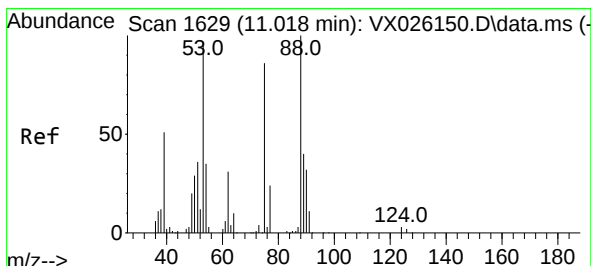
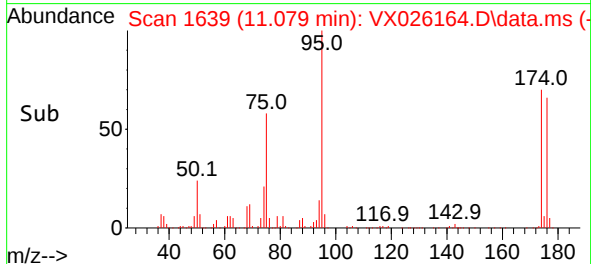
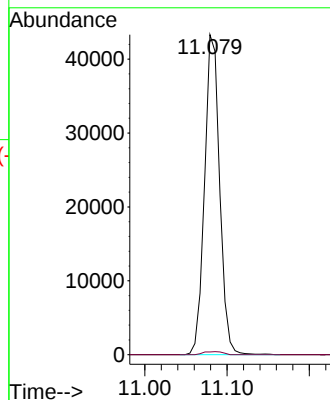
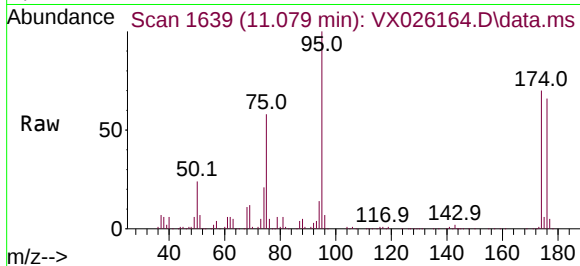




#76
1,2,3-Trichloropropane
Concen: 24.123 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026164.D
Acq: 30 Dec 2021 13:40

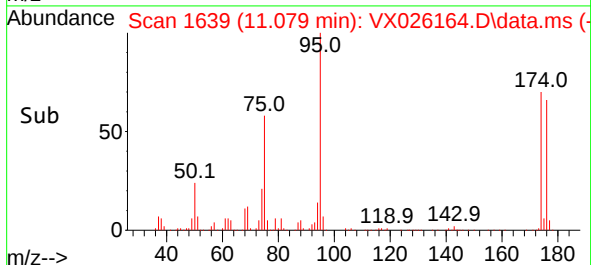
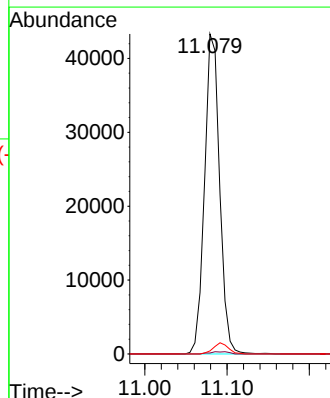
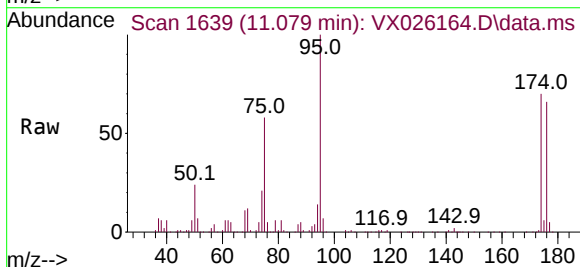
Instrument :
MSVOA_X
ClientSampleId :

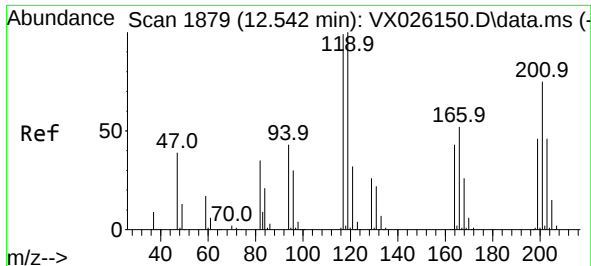
Tgt Ion: 75 Resp: 55216
Ion Ratio Lower Upper
75 100
77 1.2 19.0 57.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.789 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026164.D
Acq: 30 Dec 2021 13:40

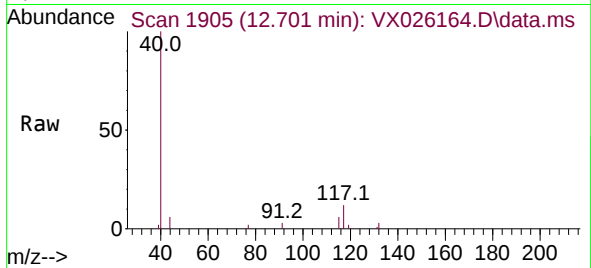
Tgt Ion: 75 Resp: 55216
Ion Ratio Lower Upper
75 100
53 0.9 79.5 119.3#
89 3.4 38.3 57.5#





#90
 Hexachloroethane
 Concen: 0.484 ug/l
 RT: 12.701 min Scan# 1905
 Delta R.T. 0.159 min
 Lab File: VX026164.D
 Acq: 30 Dec 2021 13:40

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:117 Resp: 597
 Ion Ratio Lower Upper
 117 100
 201 0.0 35.4 106.3#

