

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100424\
 Data File : VX043284.D
 Acq On : 04 Oct 2024 13:19
 Operator : JC/MD
 Sample : P4263-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 04 23:29:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	75513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	143563	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53977	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66375	53.822	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.640%	
35) Dibromofluoromethane	5.385	113	47896	48.376	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.760%	
50) Toluene-d8	8.647	98	171606	50.016	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.040%	
62) 4-Bromofluorobenzene	11.079	95	60326	48.397	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 96.800%	

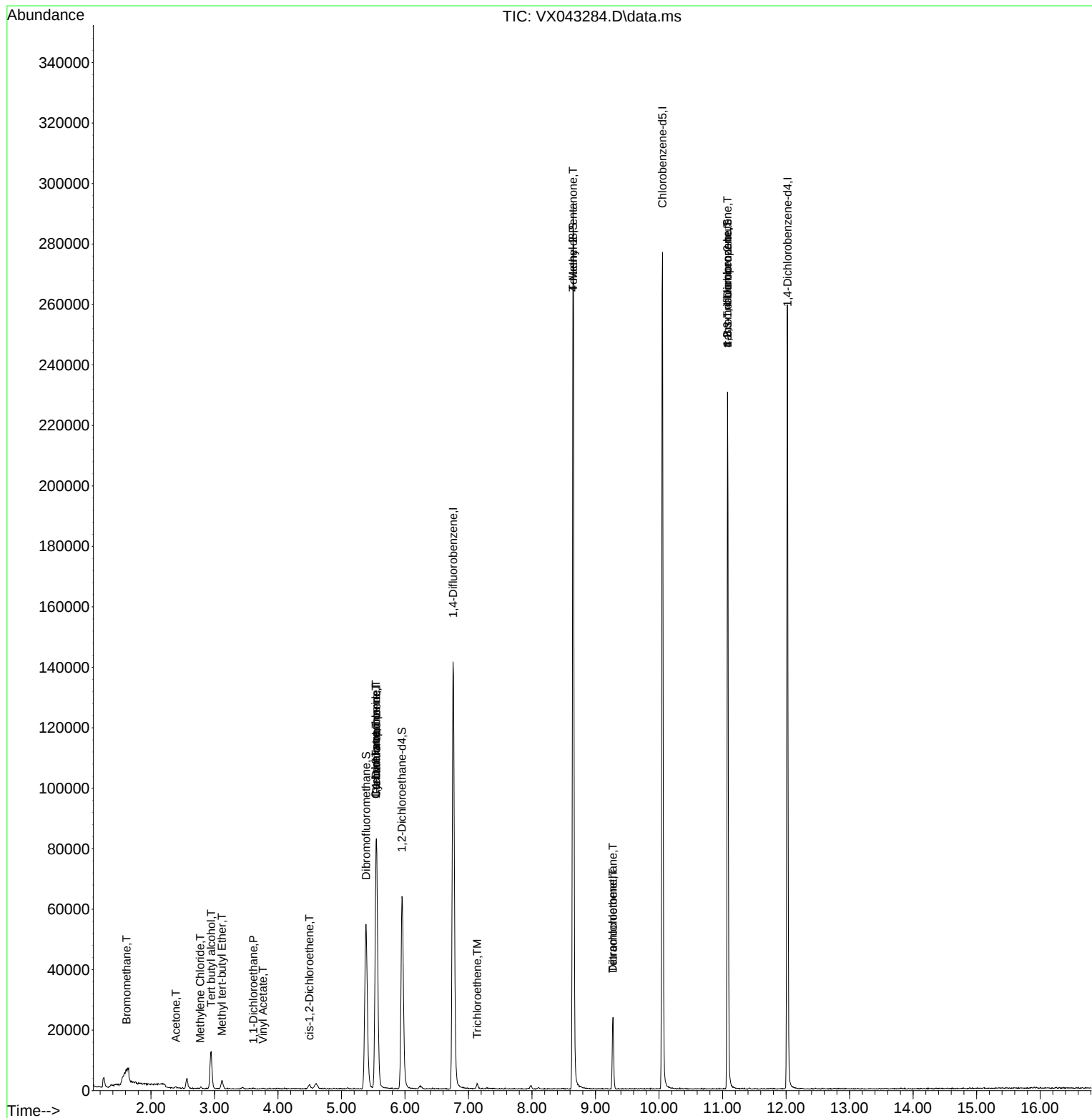
Target Compounds					Qvalue	
5) Bromomethane	1.617	94	75	0.203	ug/l #	2
11) Tert butyl alcohol	2.947	59	7315	31.170	ug/l #	75
16) Acetone	2.392	43	860	1.670	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	3017	1.005	ug/l	97
20) Methylene Chloride	2.776	84	244	0.257	ug/l #	60
23) Vinyl Acetate	3.763	43	96	6.370	ug/l #	71
24) 1,1-Dichloroethane	3.611	63	369	0.228	ug/l #	81
27) cis-1,2-Dichloroethene	4.495	96	1014	0.974	ug/l	79
31) Cyclohexane	5.544	56	1832	1.377	ug/l #	25
36) 1,1-Dichloropropene	5.544	75	6914	5.528	ug/l #	50
38) Carbon Tetrachloride	5.544	117	8164	5.514	ug/l #	16
44) Trichloroethene	7.135	130	726	0.722	ug/l	97
51) 4-Methyl-2-Pentanone	8.647	43	832	0.552	ug/l #	1
60) Dibromochloromethane	9.275	129	4662	4.255	ug/l #	11
64) Tetrachloroethene	9.275	164	4291	4.942	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	33631	28.090	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	33631	72.799	ug/l #	8

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

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Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
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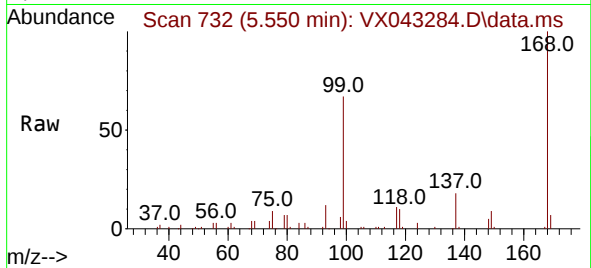


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043284.D
Acq: 04 Oct 2024 13:19

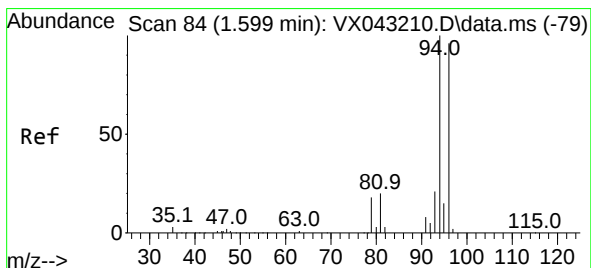
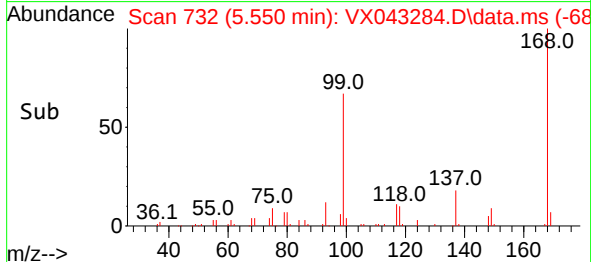
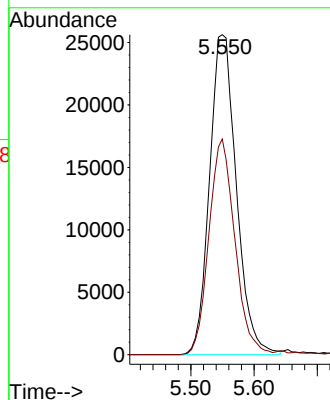
Instrument :

MSVOA_X

ClientSampleId :

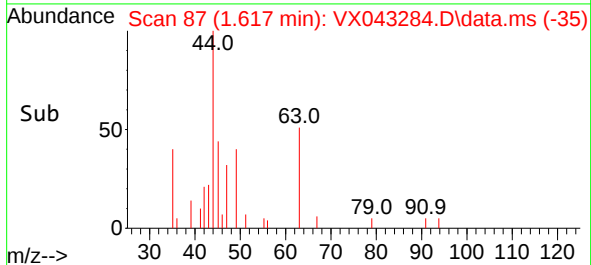
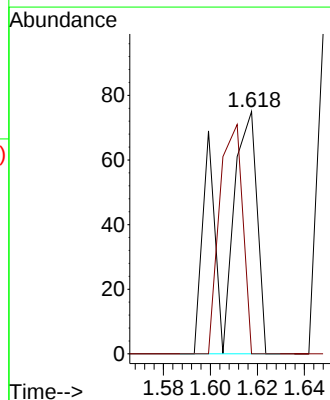
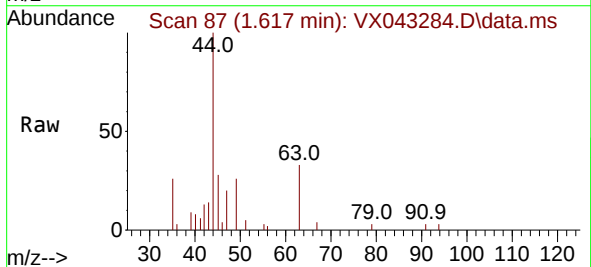


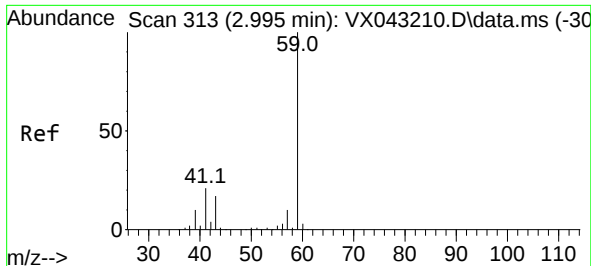
Tgt Ion:168 Resp: 75513
Ion Ratio Lower Upper
168 100
99 67.4 49.7 74.5



#5
Bromomethane
Concen: 0.203 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX043284.D
Acq: 04 Oct 2024 13:19

Tgt Ion: 94 Resp: 75
Ion Ratio Lower Upper
94 100
96 0.0 76.6 115.0#

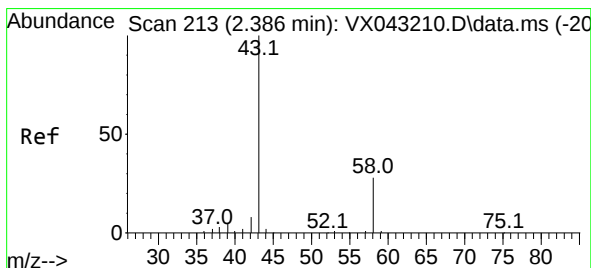
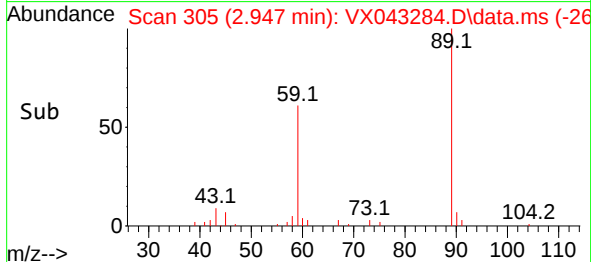
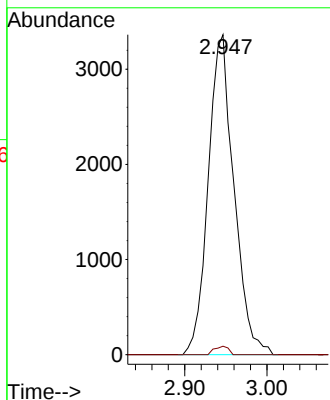
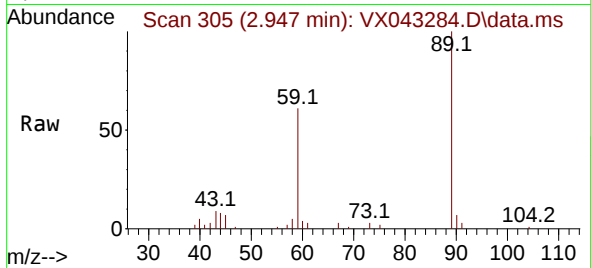




#11
Tert butyl alcohol
Concen: 31.170 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX043284.D
Acq: 04 Oct 2024 13:19

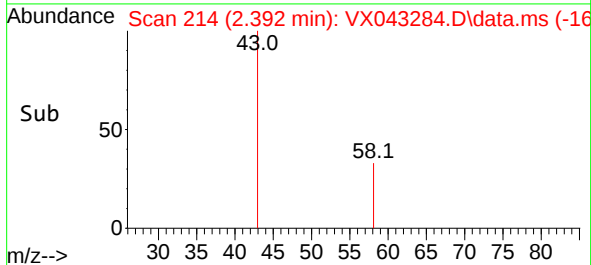
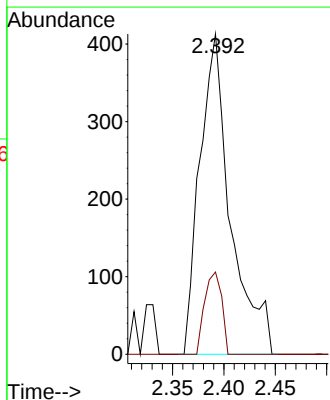
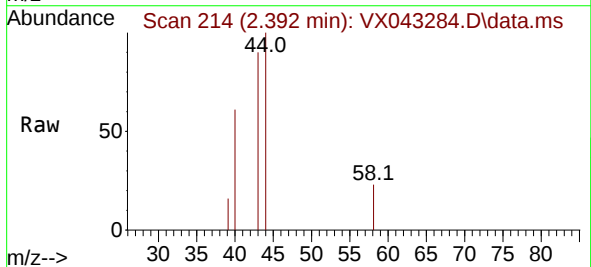
Instrument :
MSVOA_X
ClientSampleId :

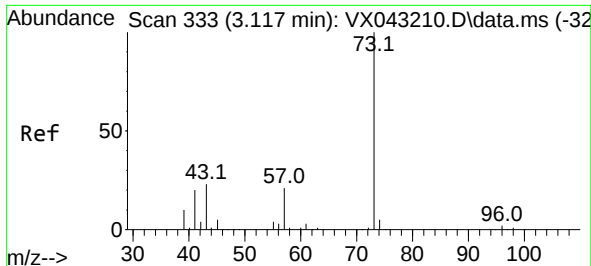
Tgt Ion: 59 Resp: 7315
Ion Ratio Lower Upper
59 100
57 1.4 8.6 13.0#



#16
Acetone
Concen: 1.670 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX043284.D
Acq: 04 Oct 2024 13:19

Tgt Ion: 43 Resp: 860
Ion Ratio Lower Upper
43 100
58 25.7 22.6 33.8





#19

Methyl tert-butyl Ether

Concen: 1.005 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX043284.D

Acq: 04 Oct 2024 13:19

Instrument :

MSVOA_X

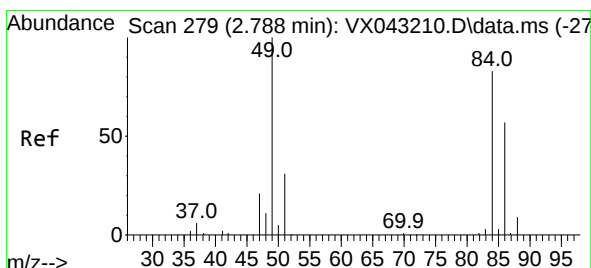
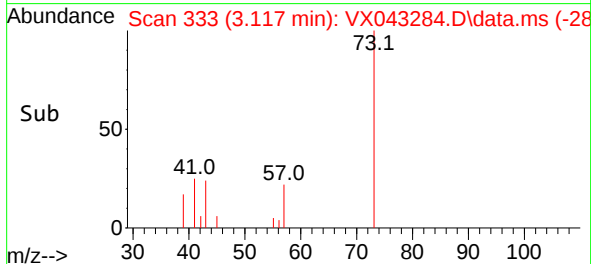
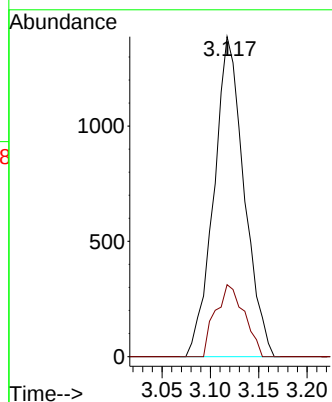
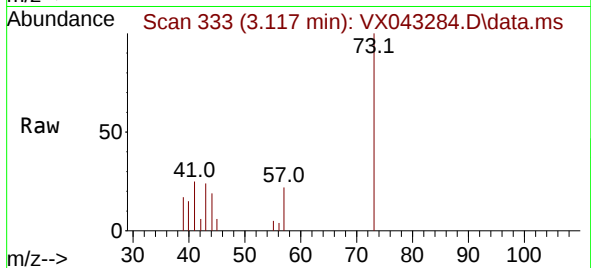
ClientSampleId :

Tgt Ion: 73 Resp: 3017

Ion Ratio Lower Upper

73 100

57 22.5 16.7 25.1



#20

Methylene Chloride

Concen: 0.257 ug/l

RT: 2.776 min Scan# 277

Delta R.T. -0.012 min

Lab File: VX043284.D

Acq: 04 Oct 2024 13:19

Tgt Ion: 84 Resp: 244

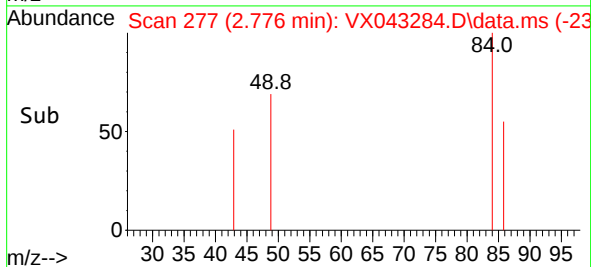
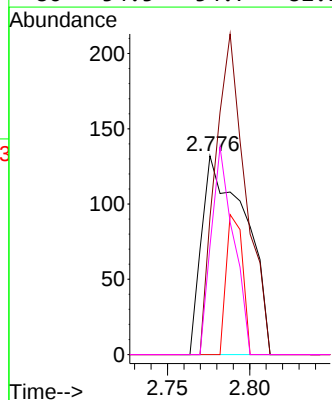
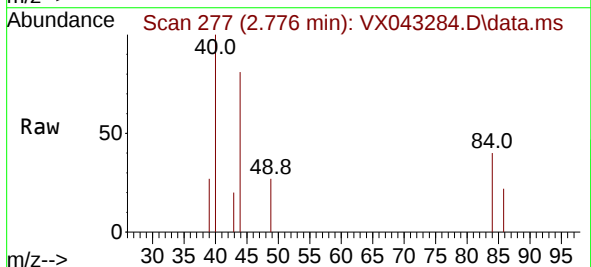
Ion Ratio Lower Upper

84 100

49 68.9 96.7 145.1#

51 0.0 30.4 45.6#

86 54.5 54.7 82.1#

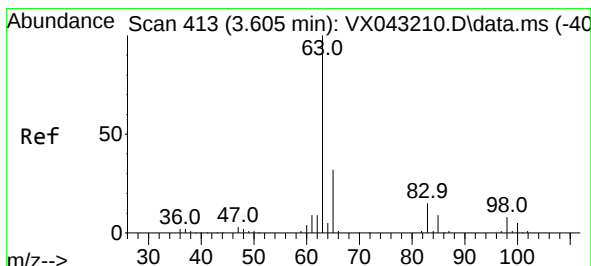
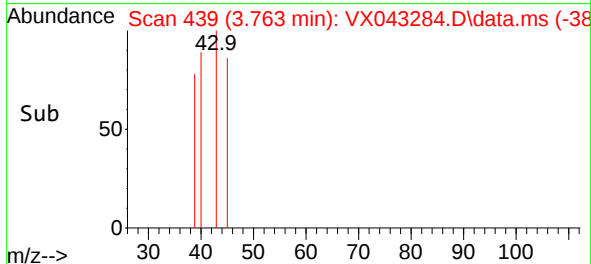
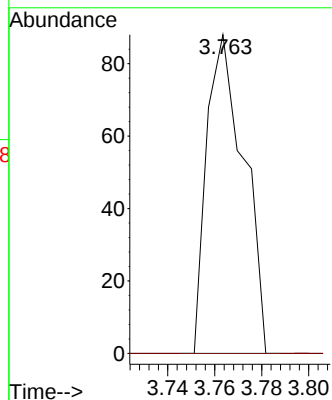
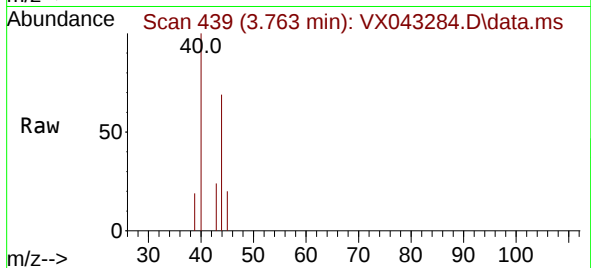




#23
 Vinyl Acetate
 Concen: 6.370 ug/l
 RT: 3.763 min Scan# 41
 Delta R.T. 0.042 min
 Lab File: VX043284.D
 Acq: 04 Oct 2024 13:19

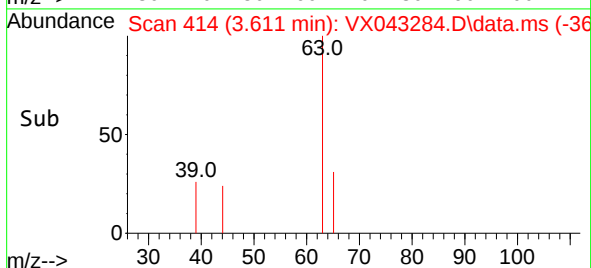
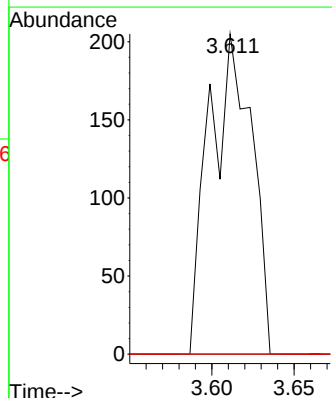
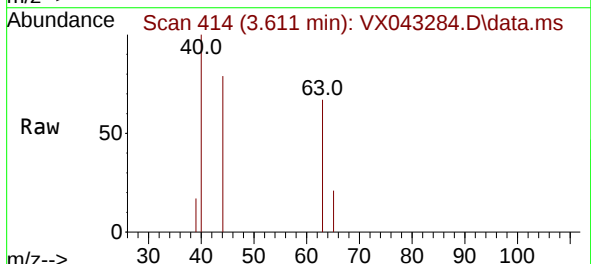
Instrument :
 MSVOA_X
 ClientSampleId :

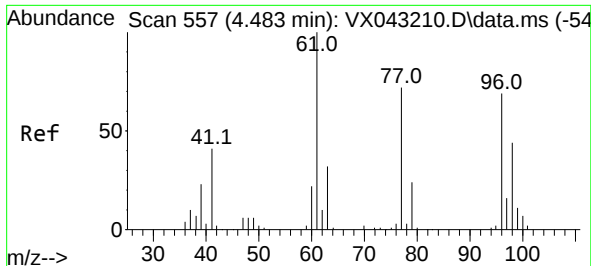
Tgt Ion: 43 Resp: 96
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.8 13.2#



#24
 1,1-Dichloroethane
 Concen: 0.228 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX043284.D
 Acq: 04 Oct 2024 13:19

Tgt Ion: 63 Resp: 369
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.8 11.2#
 100 0.0 2.5 7.4#





#27

cis-1,2-Dichloroethene

Concen: 0.974 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX043284.D

Acq: 04 Oct 2024 13:19

Instrument :

MSVOA_X

ClientSampleId :

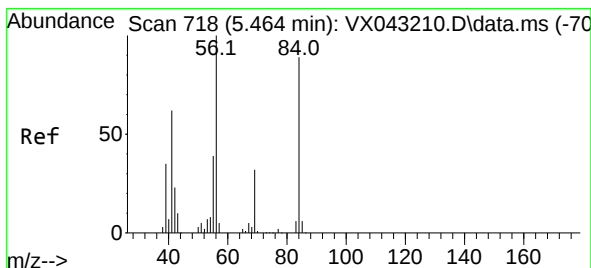
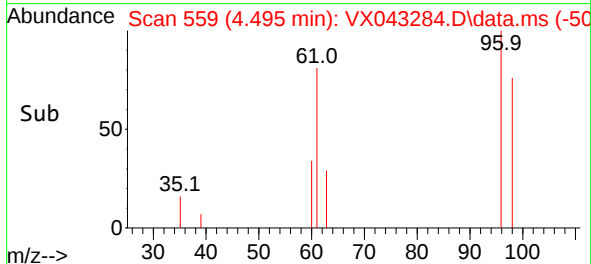
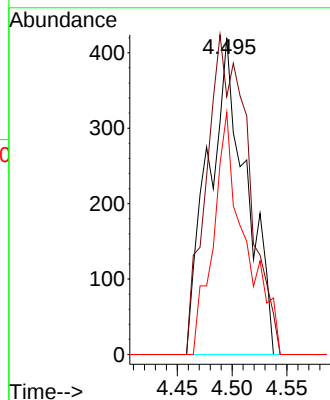
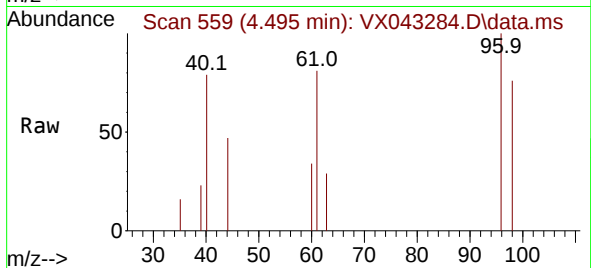
Tgt Ion: 96 Resp: 1014

Ion Ratio Lower Upper

96 100

61 111.3 0.0 298.2

98 64.0 0.0 128.6



#31

Cyclohexane

Concen: 1.377 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX043284.D

Acq: 04 Oct 2024 13:19

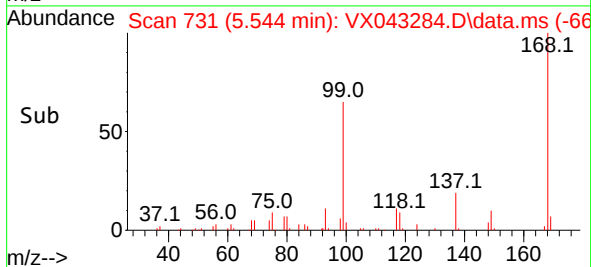
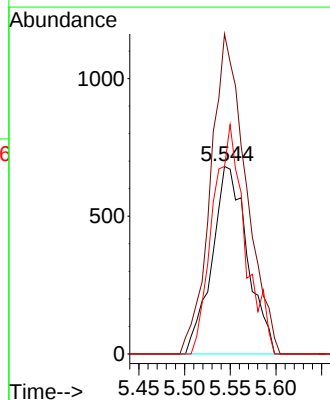
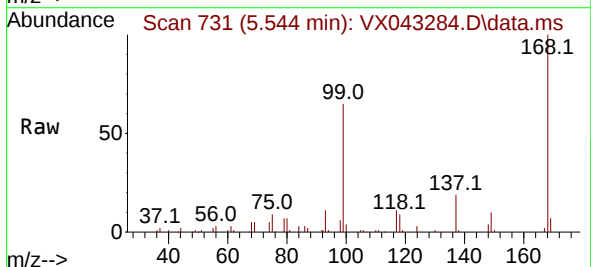
Tgt Ion: 56 Resp: 1832

Ion Ratio Lower Upper

56 100

69 170.6 25.8 38.6#

84 100.0 71.1 106.7





#33

1,2-Dichloroethane-d4

Concen: 53.822 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX043284.D

Acq: 04 Oct 2024 13:19

Instrument :

MSVOA_X

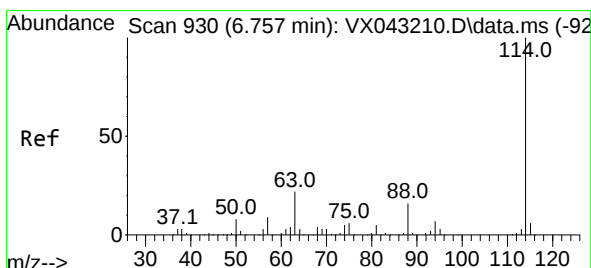
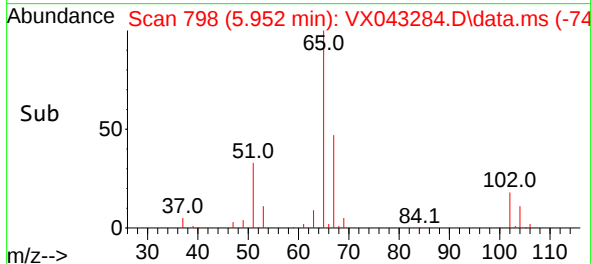
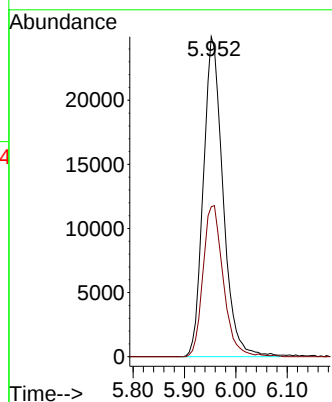
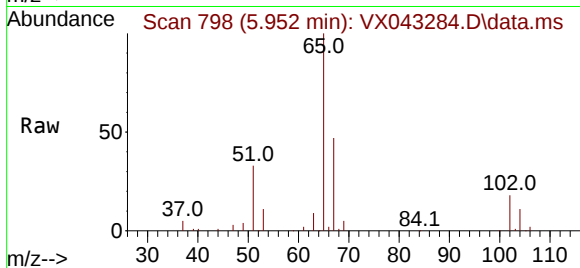
ClientSampleId :

Tgt Ion: 65 Resp: 66375

Ion Ratio Lower Upper

65 100

67 48.6 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX043284.D

Acq: 04 Oct 2024 13:19

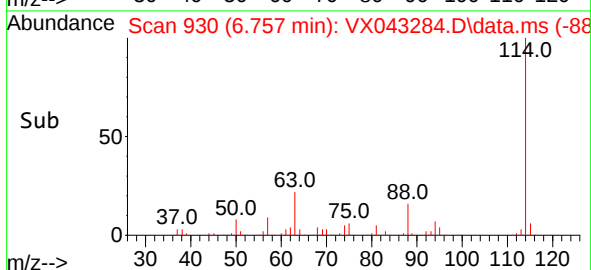
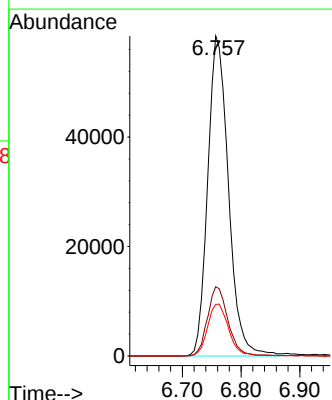
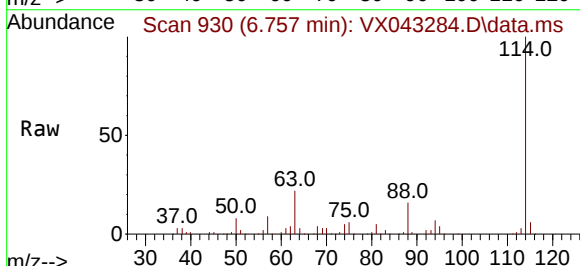
Tgt Ion: 114 Resp: 143563

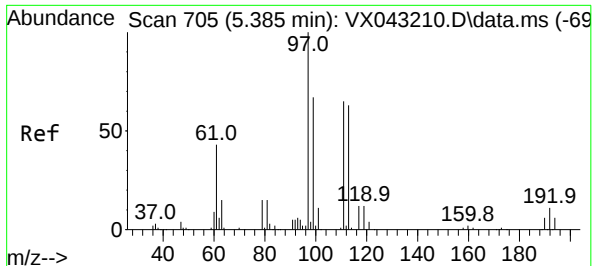
Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.0

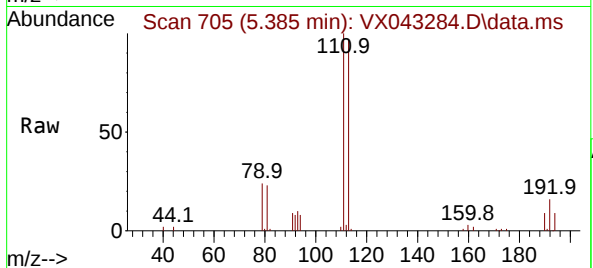
88 16.1 0.0 33.0



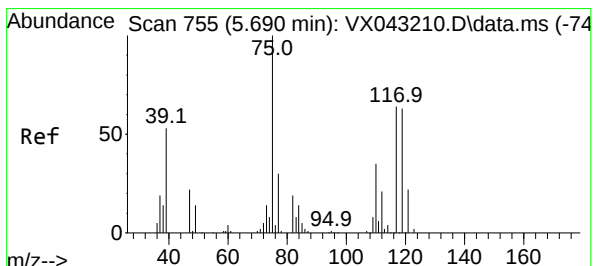
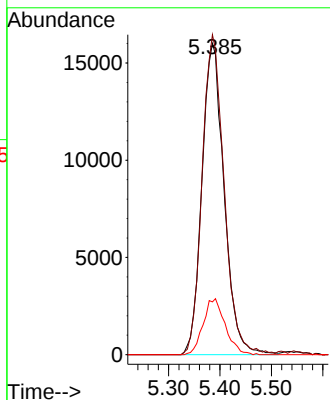
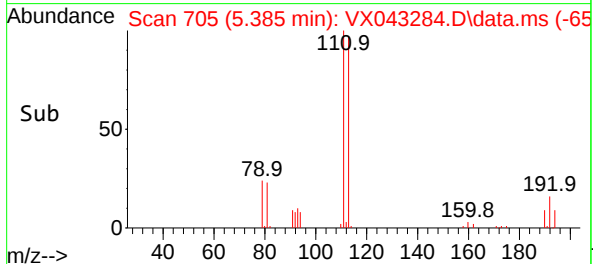


#35
Dibromofluoromethane
Concen: 48.376 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX043284.D
Acq: 04 Oct 2024 13:19

Instrument :
MSVOA_X
ClientSampleId :

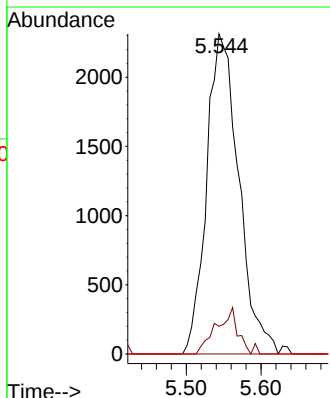
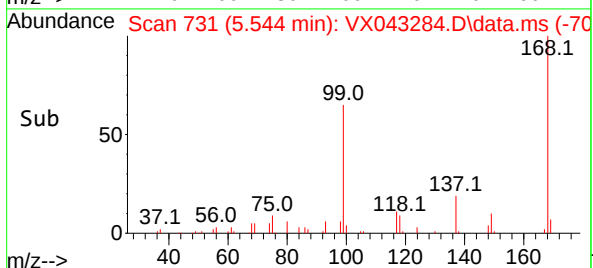
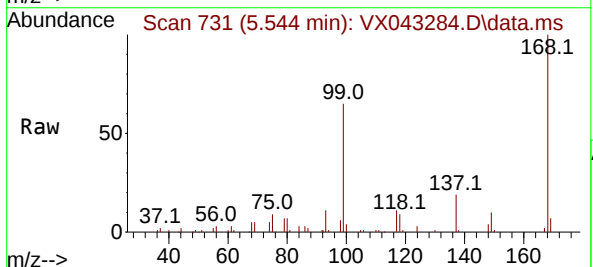


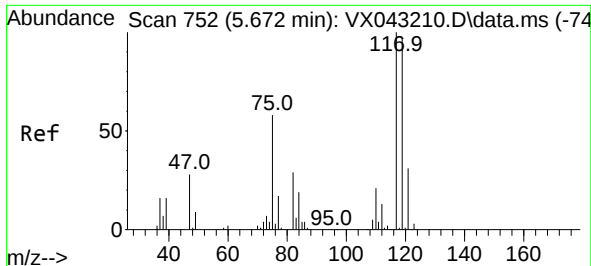
Tgt Ion:113 Resp: 47896
Ion Ratio Lower Upper
113 100
111 101.9 83.4 125.0
192 17.9 14.1 21.1



#36
1,1-Dichloropropene
Concen: 5.528 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX043284.D
Acq: 04 Oct 2024 13:19

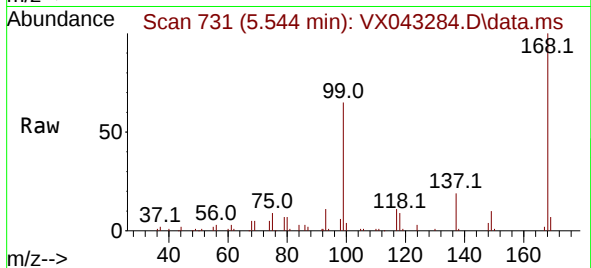
Tgt Ion: 75 Resp: 6914
Ion Ratio Lower Upper
75 100
110 9.6 17.8 53.3#
77 0.0 24.9 37.3#



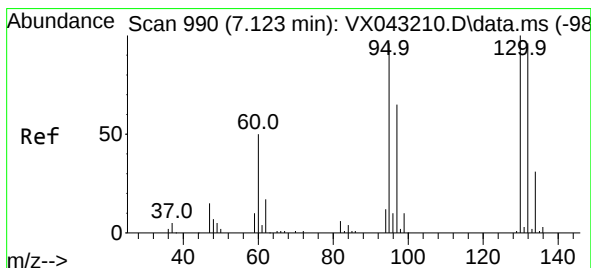
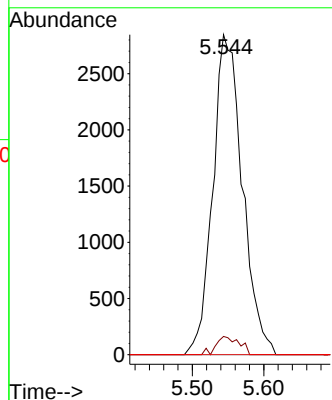
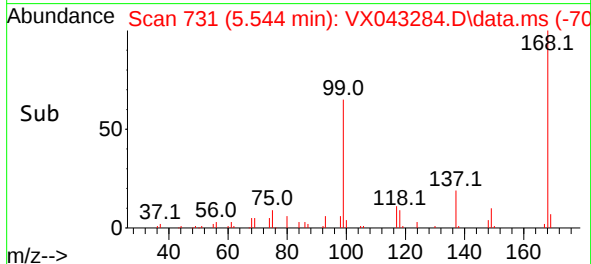


#38
Carbon Tetrachloride
Concen: 5.514 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043284.D
Acq: 04 Oct 2024 13:19

Instrument :
MSVOA_X
ClientSampleId :

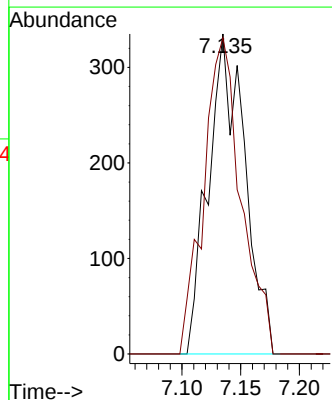
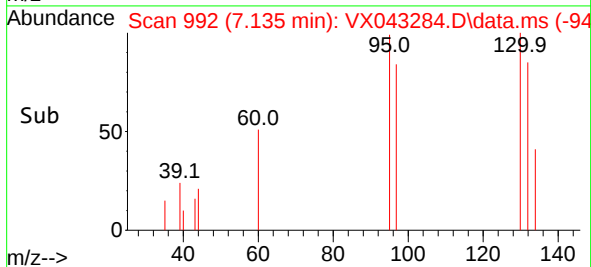
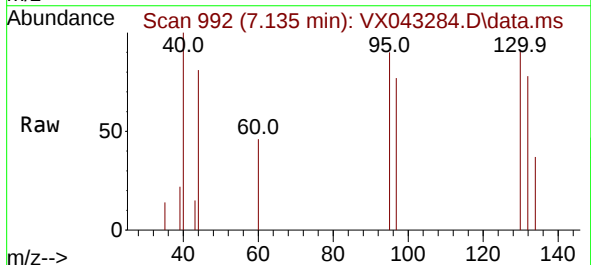


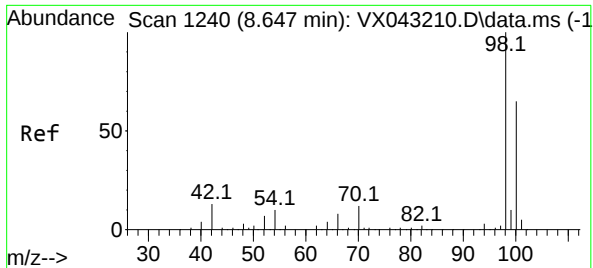
Tgt Ion:117 Resp: 8164
Ion Ratio Lower Upper
117 100
119 5.7 77.7 116.5#
121 0.0 24.3 36.5#



#44
Trichloroethene
Concen: 0.722 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX043284.D
Acq: 04 Oct 2024 13:19

Tgt Ion:130 Resp: 726
Ion Ratio Lower Upper
130 100
95 98.8 0.0 192.2

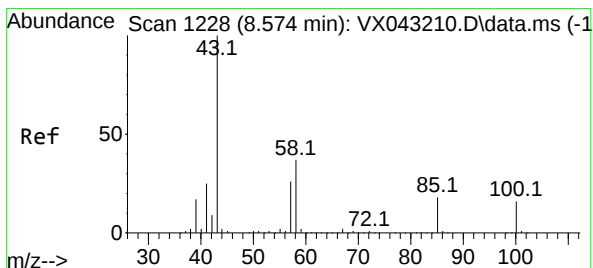
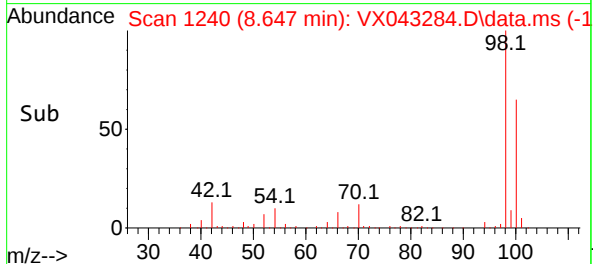
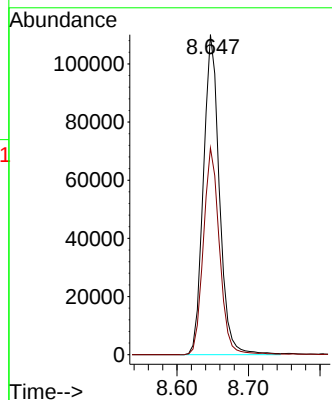
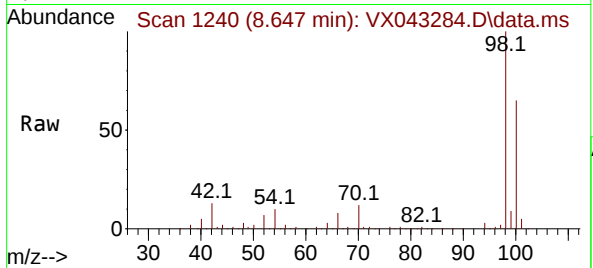




#50
Toluene-d8
Concen: 50.016 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043284.D
Acq: 04 Oct 2024 13:19

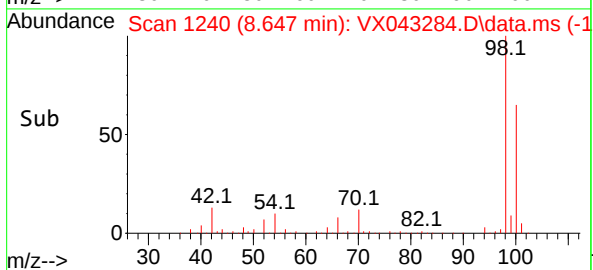
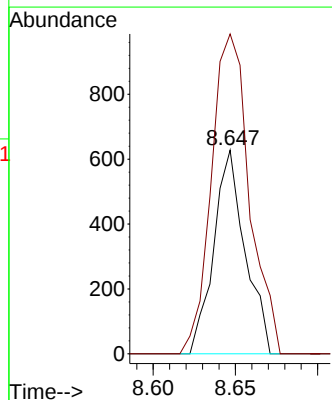
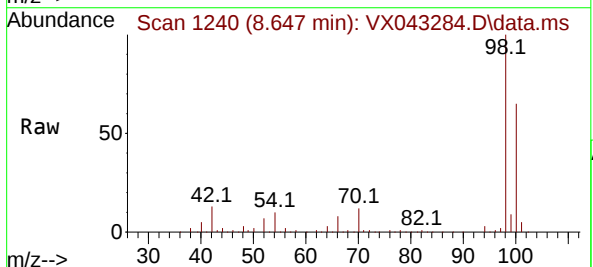
Instrument :
MSVOA_X
ClientSampleId :

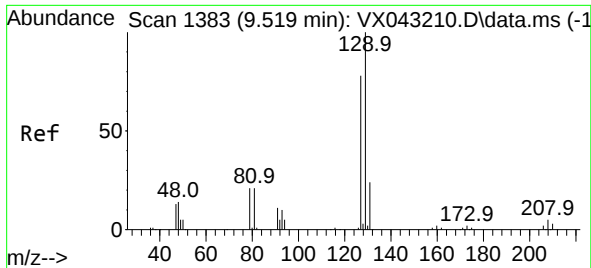
Tgt Ion: 98 Resp: 171606
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 0.552 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX043284.D
Acq: 04 Oct 2024 13:19

Tgt Ion: 43 Resp: 832
Ion Ratio Lower Upper
43 100
58 190.9 30.0 45.0#

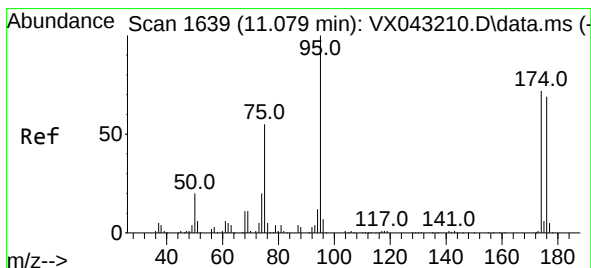
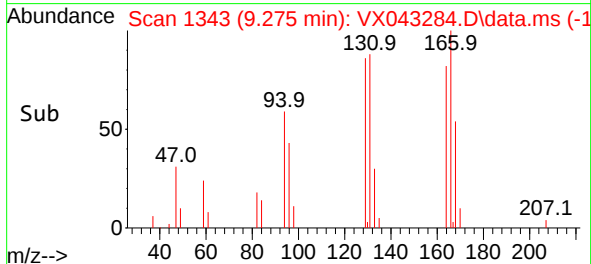
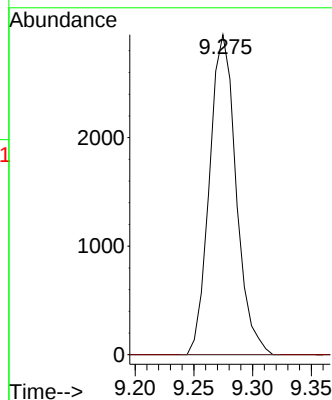
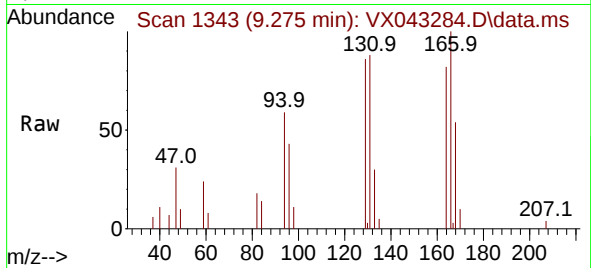




#60
Dibromochloromethane
Concen: 4.255 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX043284.D
Acq: 04 Oct 2024 13:19

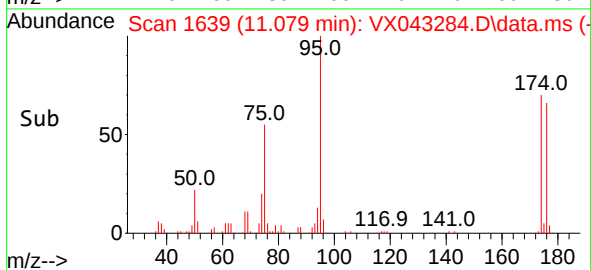
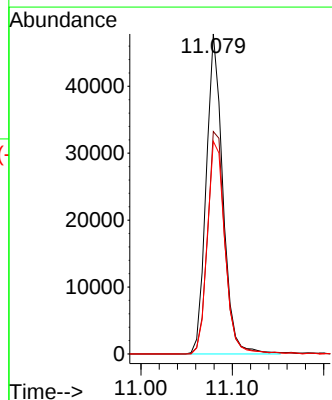
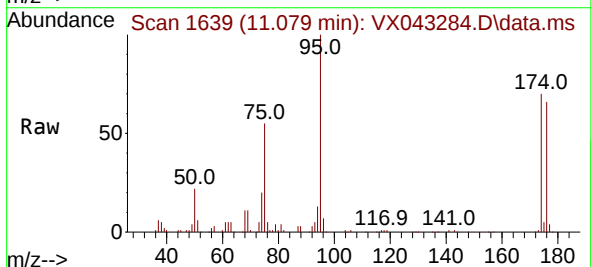
Instrument :
MSVOA_X
ClientSampleId :

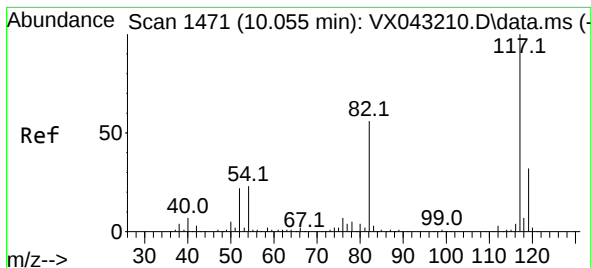
Tgt Ion:129 Resp: 4662
Ion Ratio Lower Upper
129 100
127 0.0 38.3 114.9#



#62
4-Bromofluorobenzene
Concen: 48.397 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043284.D
Acq: 04 Oct 2024 13:19

Tgt Ion: 95 Resp: 60326
Ion Ratio Lower Upper
95 100
174 73.2 0.0 145.0
176 70.5 0.0 143.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX043284.D

Acq: 04 Oct 2024 13:19

Instrument :

MSVOA_X

ClientSampleId :

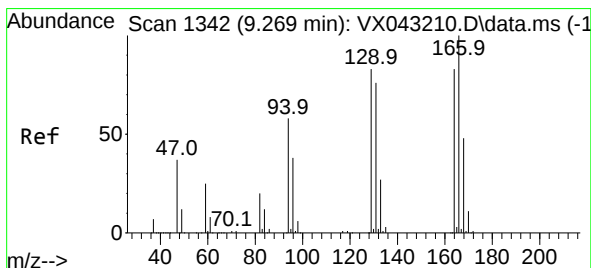
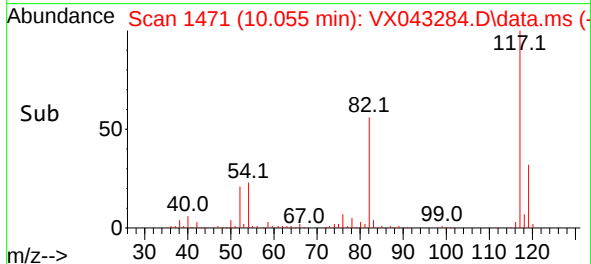
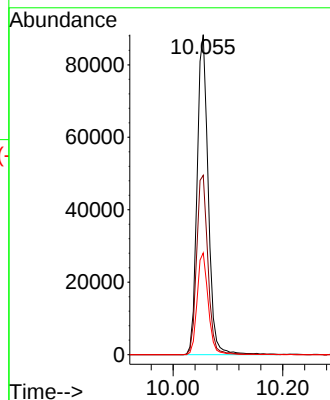
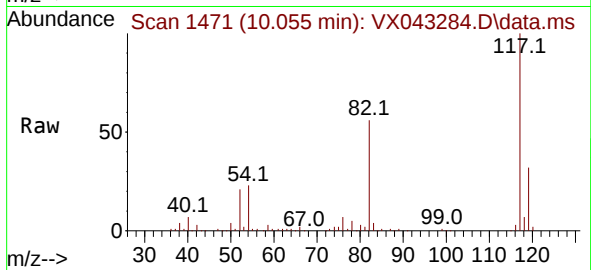
Tgt Ion:117 Resp: 125127

Ion Ratio Lower Upper

117 100

82 56.1 45.0 67.6

119 31.8 25.3 37.9



#64

Tetrachloroethene

Concen: 4.942 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX043284.D

Acq: 04 Oct 2024 13:19

Tgt Ion:164 Resp: 4291

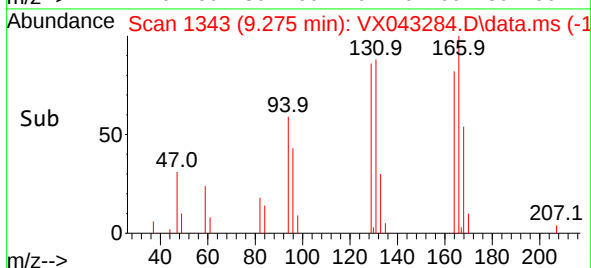
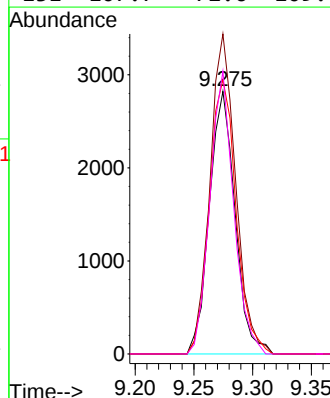
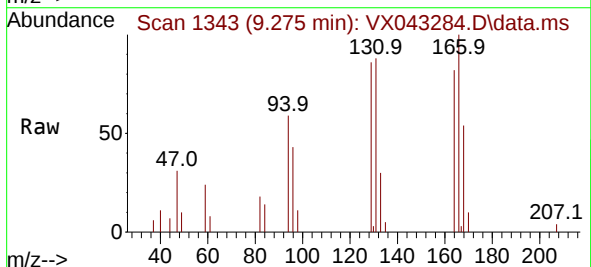
Ion Ratio Lower Upper

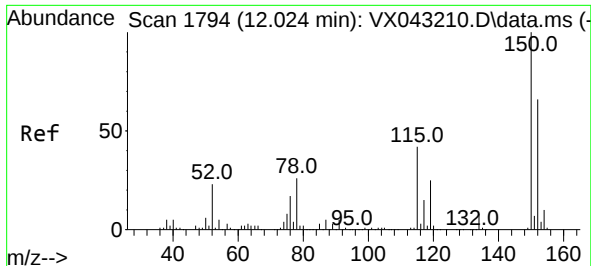
164 100

166 121.9 96.0 144.0

129 104.5 79.4 119.0

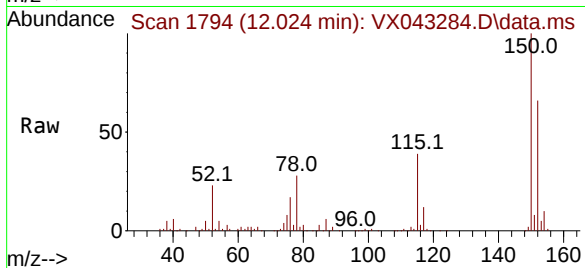
131 107.7 72.6 109.0



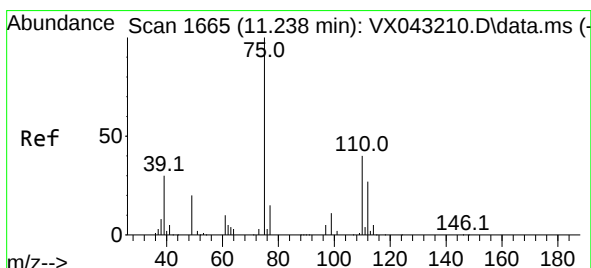
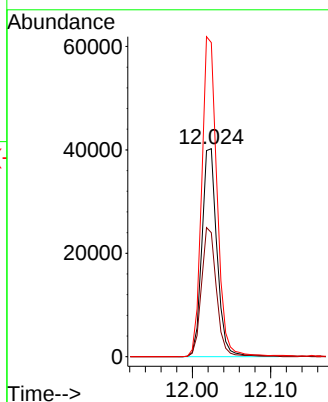
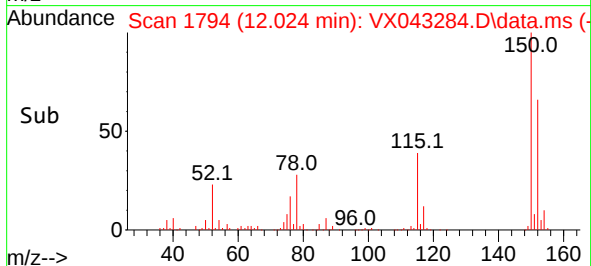


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX043284.D
 Acq: 04 Oct 2024 13:19

Instrument :
 MSVOA_X
 ClientSampleId :

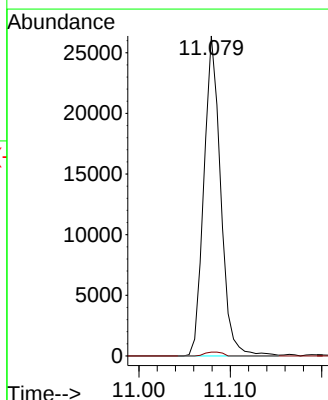
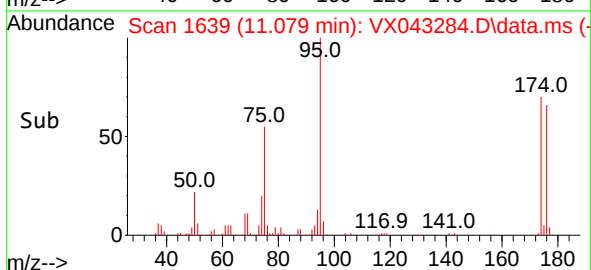
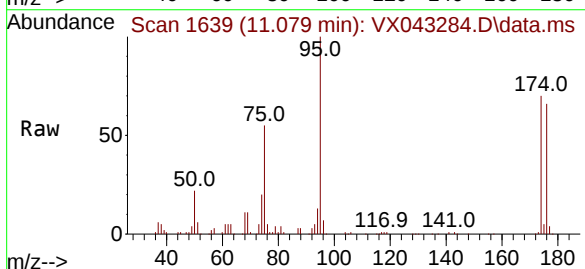


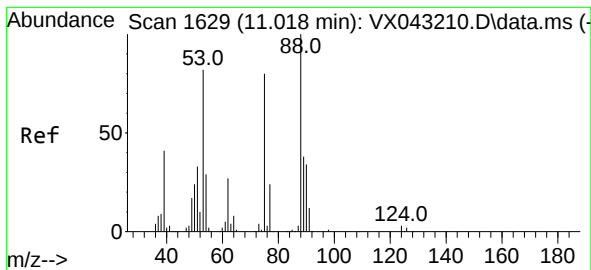
Tgt Ion:152 Resp: 53977
 Ion Ratio Lower Upper
 152 100
 115 61.5 44.1 132.3
 150 155.5 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 28.090 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX043284.D
 Acq: 04 Oct 2024 13:19

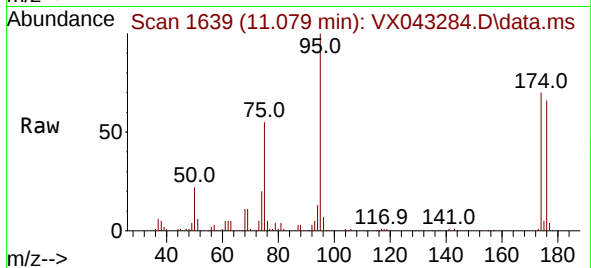
Tgt Ion: 75 Resp: 33631
 Ion Ratio Lower Upper
 75 100
 77 1.3 22.0 66.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.799 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX043284.D
 Acq: 04 Oct 2024 13:19

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 33631
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.9 125.9#
 89 0.0 38.6 58.0#

