

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100724\
 Data File : VX043307.D
 Acq On : 07 Oct 2024 12:16
 Operator : JC/MD
 Sample : P4263-01DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 08 01:44:27 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)

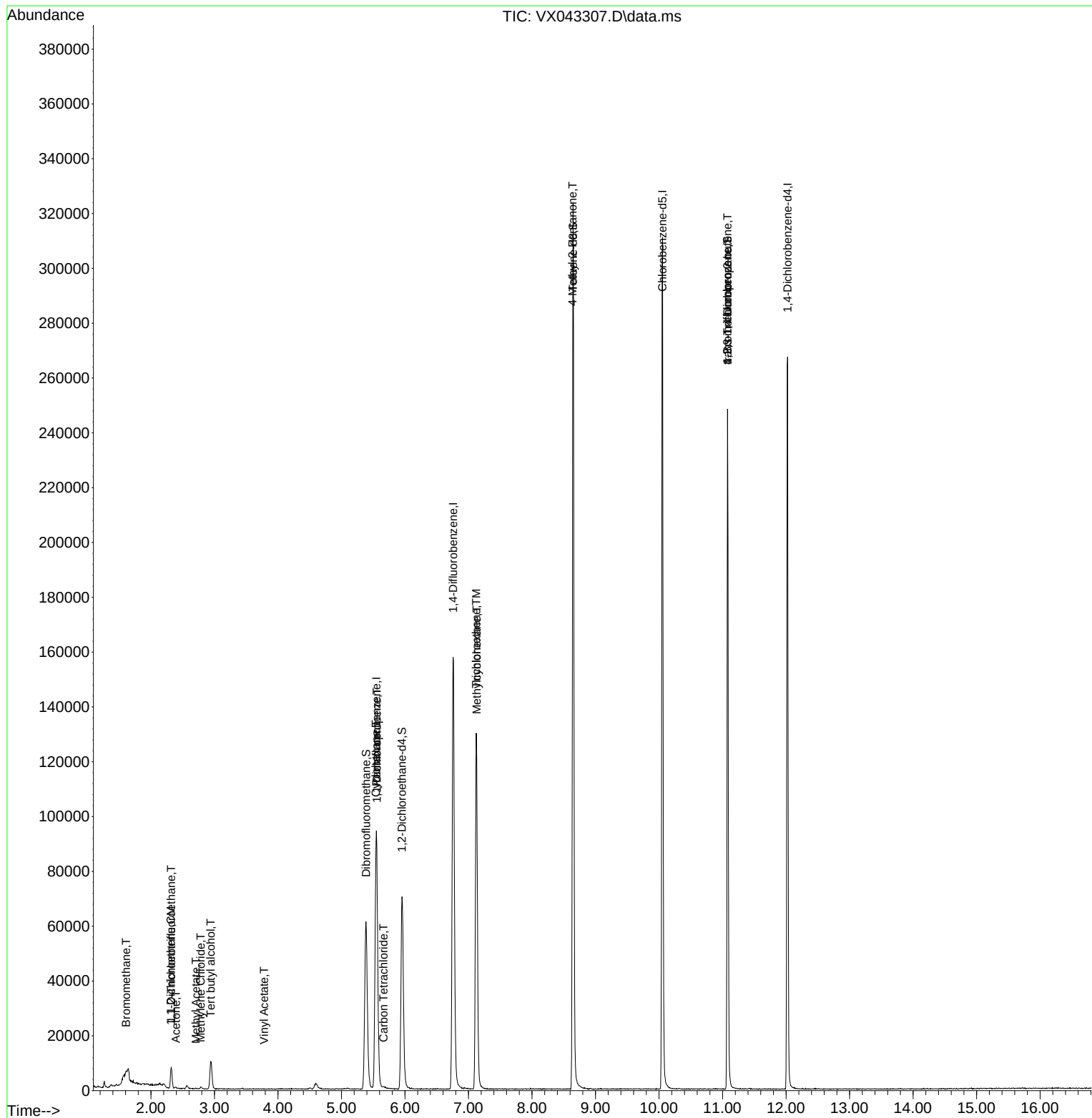
Internal Standards						
1) Pentafluorobenzene	5.550	168	85230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	160451	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73276	52.643	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.280%			
35) Dibromofluoromethane	5.385	113	53776	48.599	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.200%			
50) Toluene-d8	8.647	98	191159	49.850	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.700%			
62) 4-Bromofluorobenzene	11.079	95	67405	48.385	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.760%			
Target Compounds						Qvalue
5) Bromomethane	1.605	94	129	0.309	ug/l #	59
9) 1,1,2-Trichlorotrifluo...	2.319	101	2354	2.469	ug/l	97
11) Tert butyl alcohol	2.940	59	6030	22.765	ug/l #	75
12) 1,1-Dichloroethene	2.313	96	849	0.897	ug/l	91
16) Acetone	2.392	43	740	1.273	ug/l	100
18) Methyl Acetate	2.709	43	342	0.235	ug/l #	51
20) Methylene Chloride	2.782	84	290	0.271	ug/l	88
23) Vinyl Acetate	3.782	43	19	6.344	ug/l #	71
31) Cyclohexane	5.544	56	2056	1.369	ug/l #	25
36) 1,1-Dichloropropene	5.556	75	7200	5.151	ug/l #	51
38) Carbon Tetrachloride	5.659	117	483	0.292	ug/l #	42
39) Methylcyclohexane	7.129	83	589	0.335	ug/l #	1
44) Trichloroethene	7.123	130	49188	43.756	ug/l	89
51) 4-Methyl-2-Pentanone	8.641	43	1101	0.654	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36453	28.606	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	36453	74.136	ug/l #	8

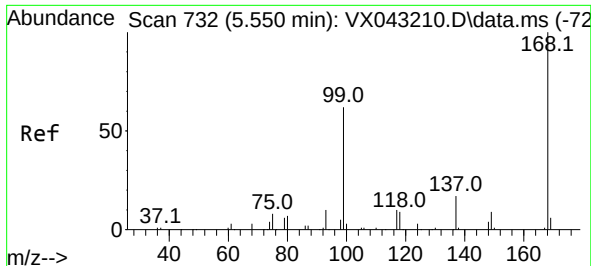
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 08 01:44:27 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



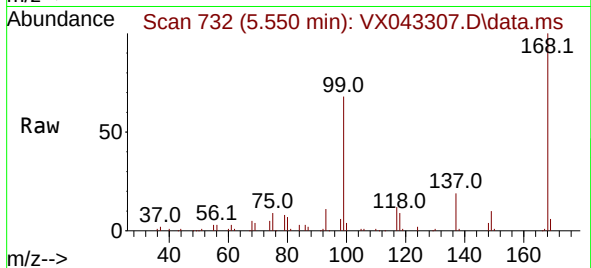


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043307.D
Acq: 07 Oct 2024 12:16

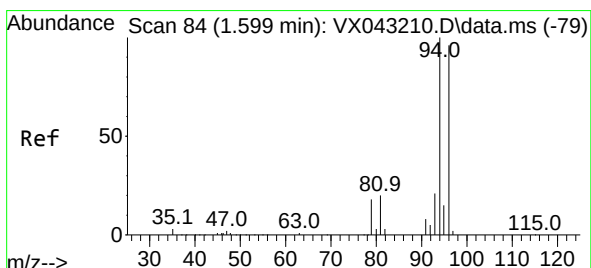
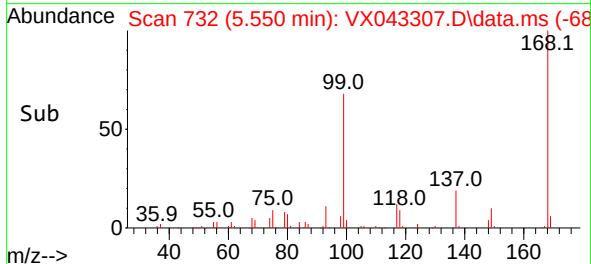
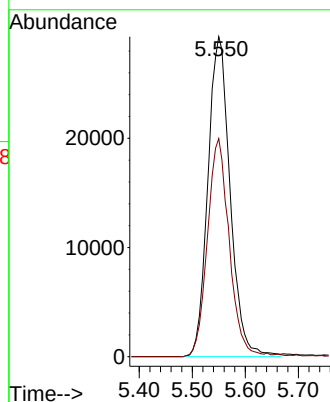
Instrument :

MSVOA_X

ClientSampleId :

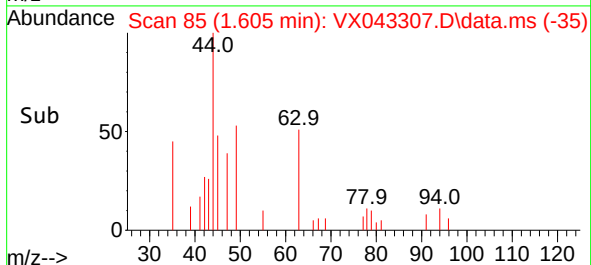
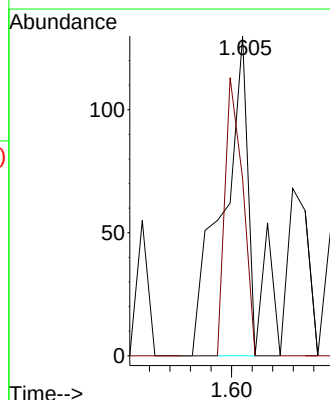
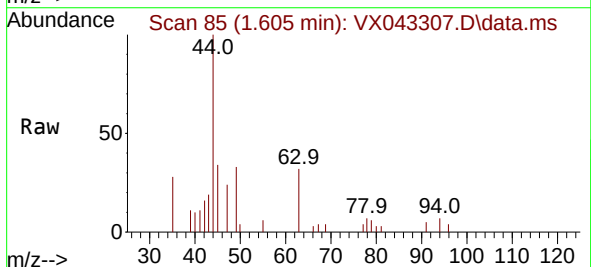


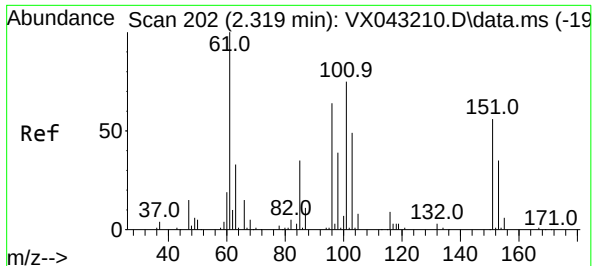
Tgt Ion:168 Resp: 85230
Ion Ratio Lower Upper
168 100
99 68.2 49.7 74.5



#5
Bromomethane
Concen: 0.309 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX043307.D
Acq: 07 Oct 2024 12:16

Tgt Ion: 94 Resp: 129
Ion Ratio Lower Upper
94 100
96 55.4 76.6 115.0#

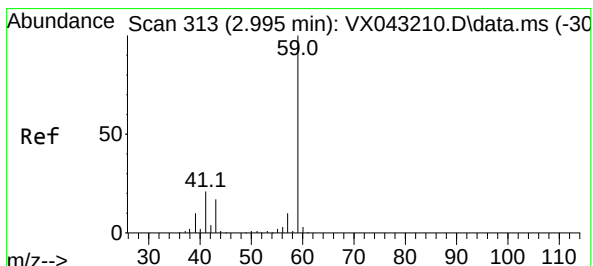
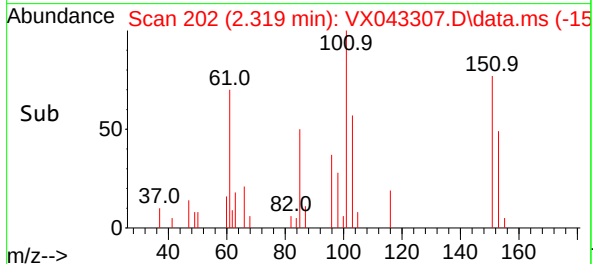
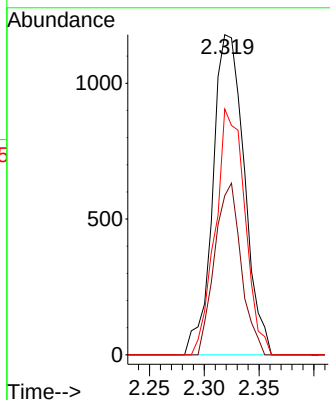
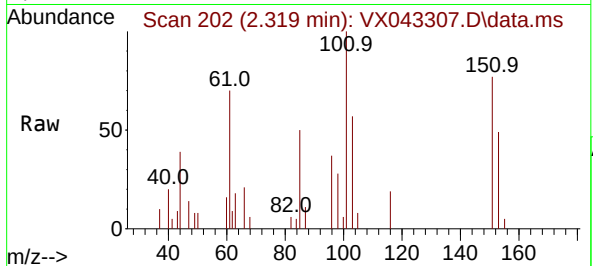




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.469 ug/l
RT: 2.319 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX043307.D
Acq: 07 Oct 2024 12:16

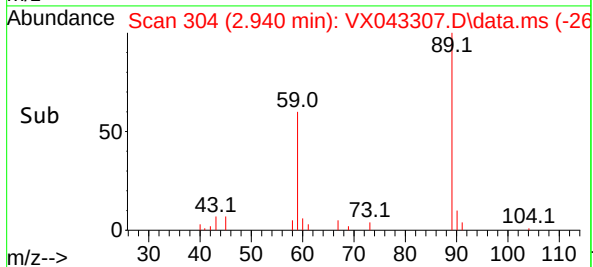
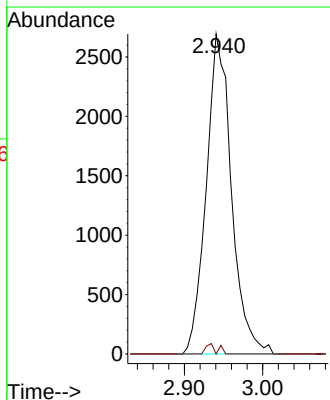
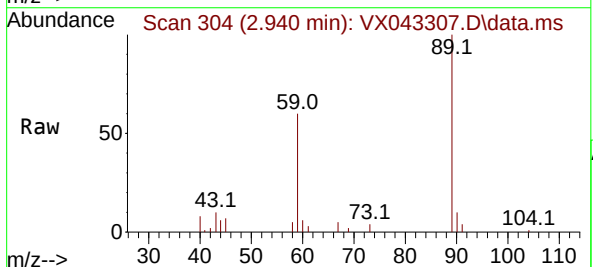
Instrument :
MSVOA_X
ClientSampleId :

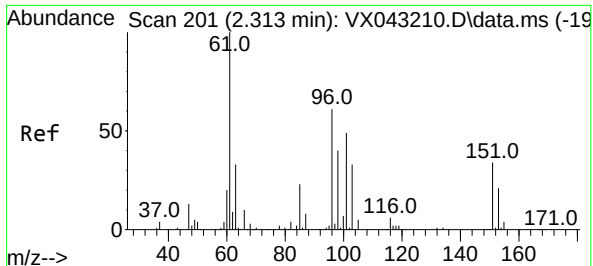
Tgt Ion:101 Resp: 2354
Ion Ratio Lower Upper
101 100
85 45.2 37.0 55.6
151 72.0 60.0 90.0



#11
Tert butyl alcohol
Concen: 22.765 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX043307.D
Acq: 07 Oct 2024 12:16

Tgt Ion: 59 Resp: 6030
Ion Ratio Lower Upper
59 100
57 1.4 8.6 13.0#





#12

1,1-Dichloroethene

Concen: 0.897 ug/l

RT: 2.313 min Scan# 201

Delta R.T. -0.000 min

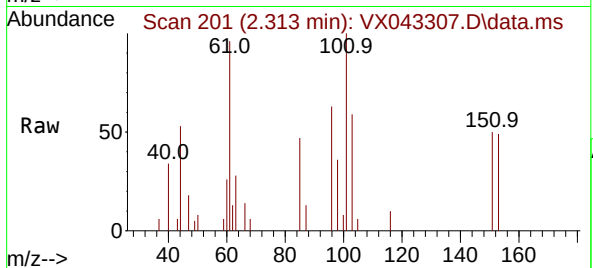
Lab File: VX043307.D

Acq: 07 Oct 2024 12:16

Instrument :

MSVOA_X

ClientSampleId :



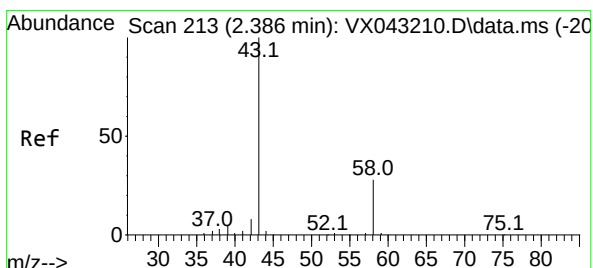
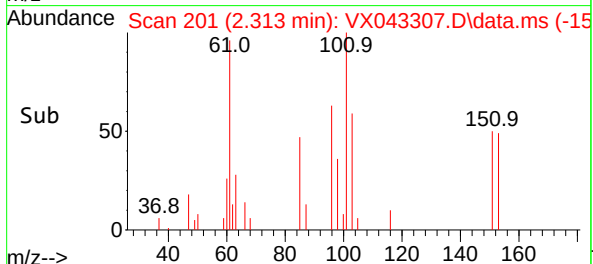
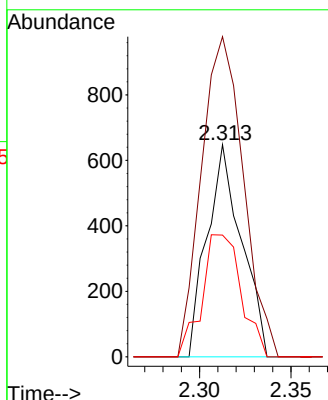
Tgt Ion: 96 Resp: 849

Ion Ratio Lower Upper

96 100

61 150.9 130.6 195.8

98 57.4 51.7 77.5



#16

Acetone

Concen: 1.273 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX043307.D

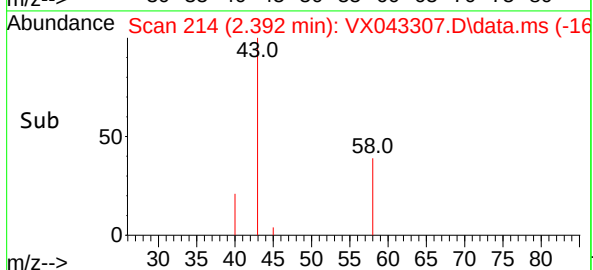
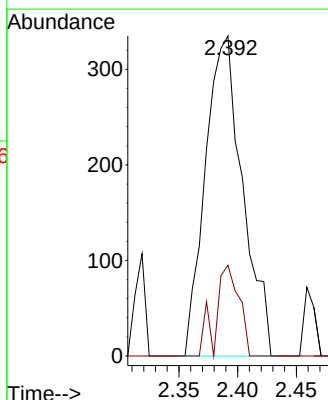
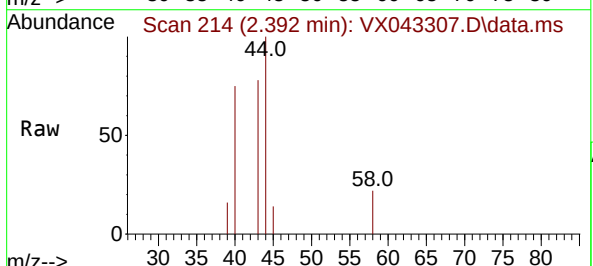
Acq: 07 Oct 2024 12:16

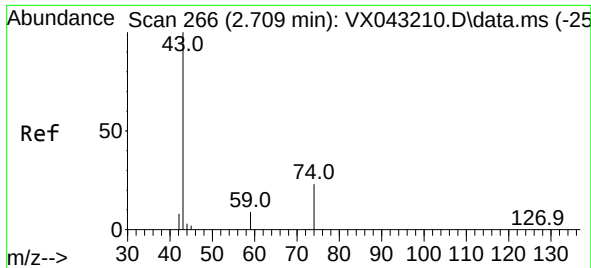
Tgt Ion: 43 Resp: 740

Ion Ratio Lower Upper

43 100

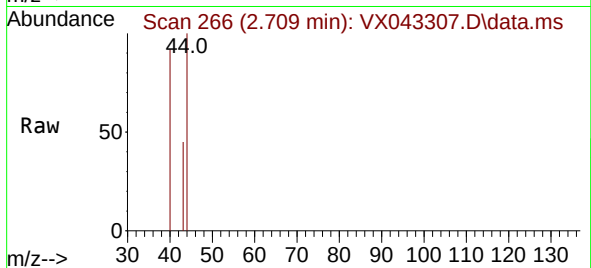
58 28.4 22.6 33.8



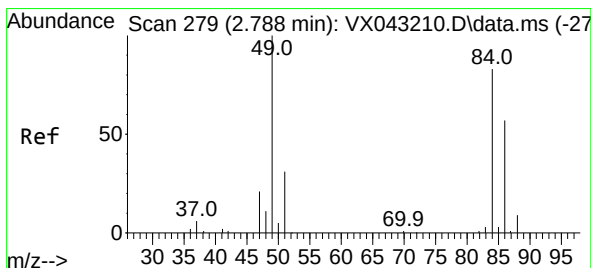
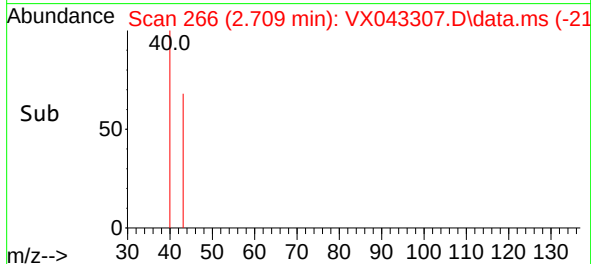
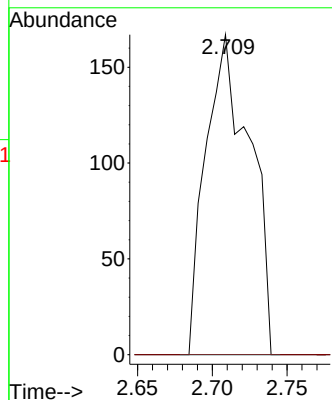


#18
Methyl Acetate
Concen: 0.235 ug/l
RT: 2.709 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX043307.D
Acq: 07 Oct 2024 12:16

Instrument :
MSVOA_X
ClientSampleId :

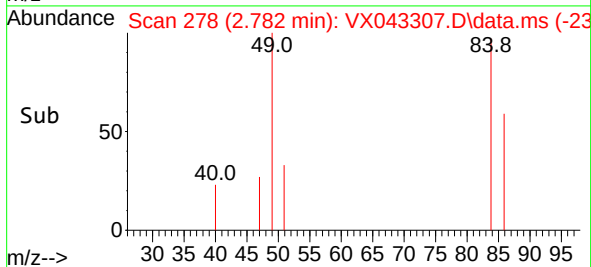
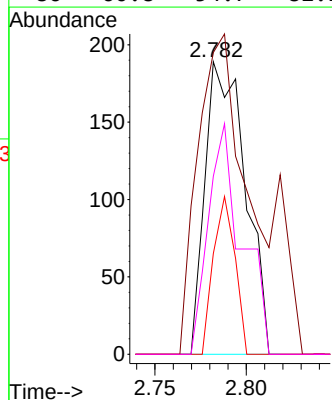
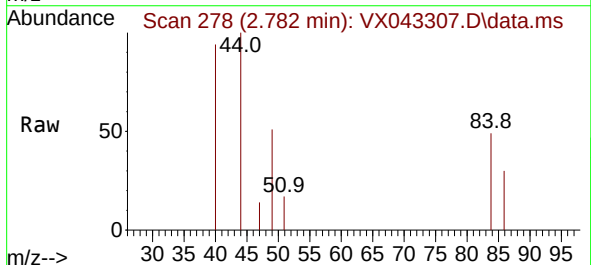


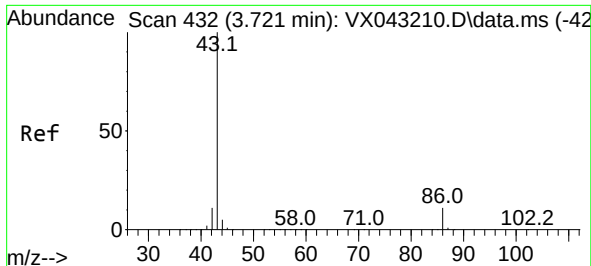
Tgt Ion: 43 Resp: 342
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#



#20
Methylene Chloride
Concen: 0.271 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX043307.D
Acq: 07 Oct 2024 12:16

Tgt Ion: 84 Resp: 290
Ion Ratio Lower Upper
84 100
49 103.2 96.7 145.1
51 34.4 30.4 45.6
86 60.8 54.7 82.1

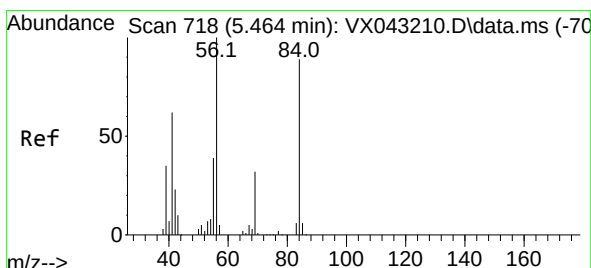
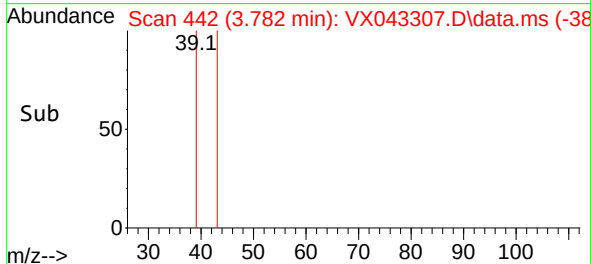
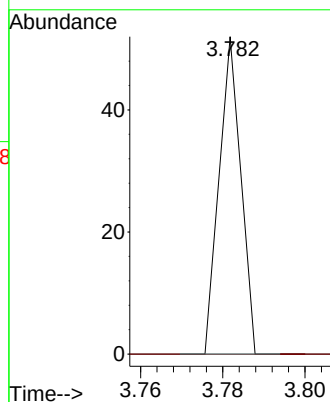
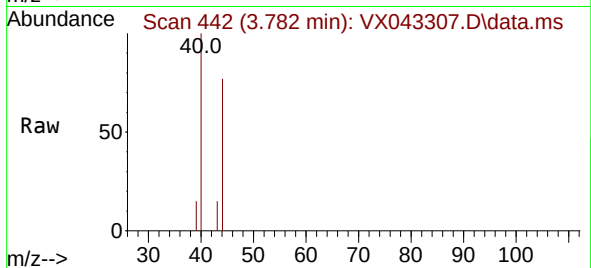




#23
 Vinyl Acetate
 Concen: 6.344 ug/l
 RT: 3.782 min Scan# 44
 Delta R.T. 0.061 min
 Lab File: VX043307.D
 Acq: 07 Oct 2024 12:16

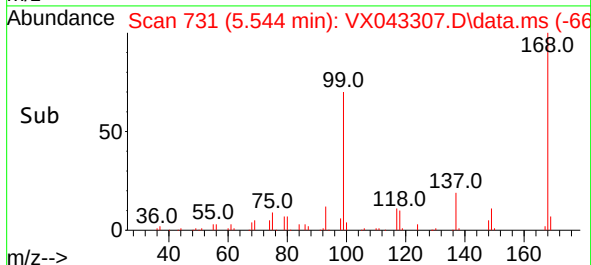
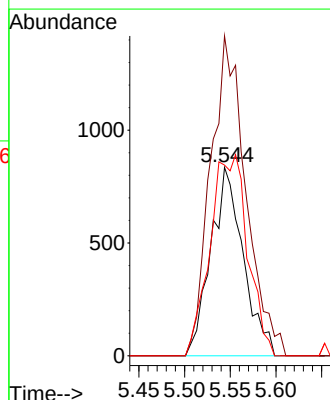
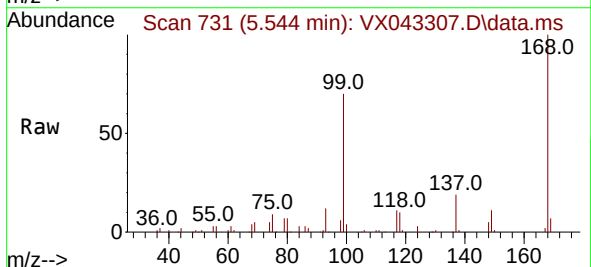
Instrument :
 MSVOA_X
 ClientSampleId :

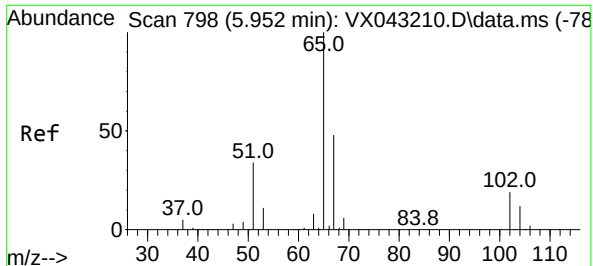
Tgt Ion: 43 Resp: 19
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.8 13.2#



#31
 Cyclohexane
 Concen: 1.369 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. 0.079 min
 Lab File: VX043307.D
 Acq: 07 Oct 2024 12:16

Tgt Ion: 56 Resp: 2056
 Ion Ratio Lower Upper
 56 100
 69 169.6 25.8 38.6#
 84 101.2 71.1 106.7





#33

1,2-Dichloroethane-d4

Concen: 52.643 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX043307.D

Acq: 07 Oct 2024 12:16

Instrument :

MSVOA_X

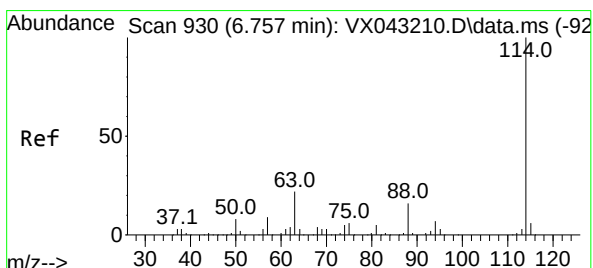
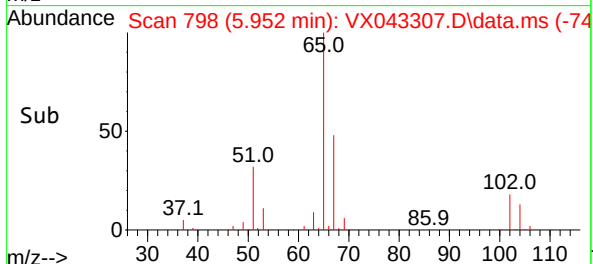
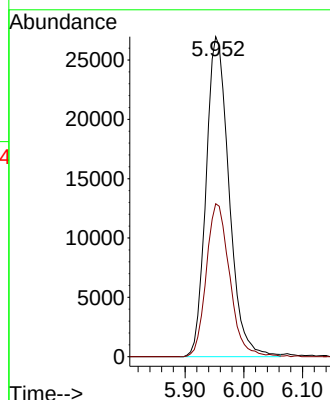
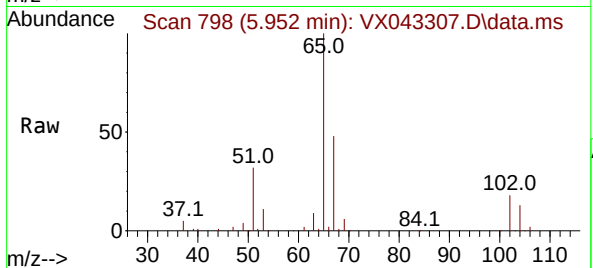
ClientSampleId :

Tgt Ion: 65 Resp: 73276

Ion Ratio Lower Upper

65 100

67 48.7 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: VX043307.D

Acq: 07 Oct 2024 12:16

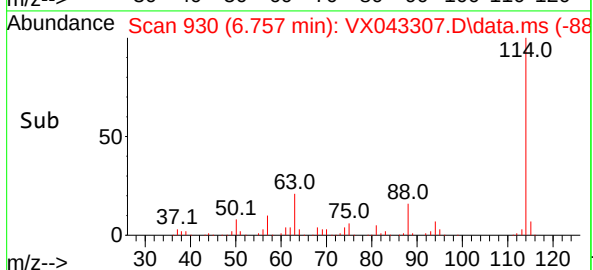
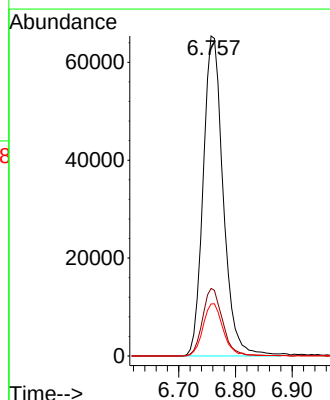
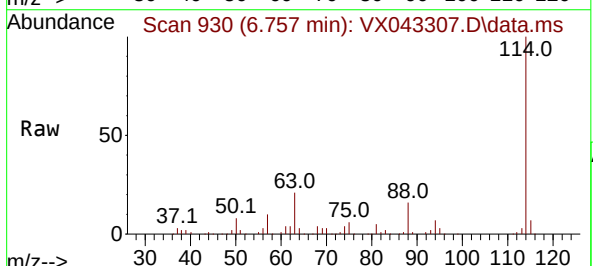
Tgt Ion: 114 Resp: 160451

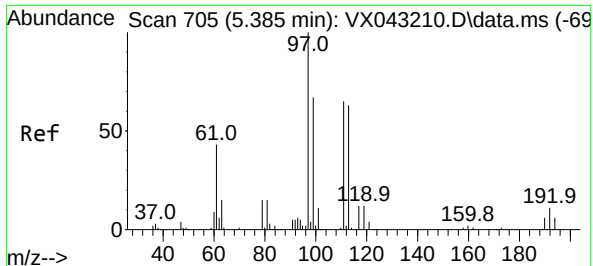
Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.0

88 16.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.599 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX043307.D

Acq: 07 Oct 2024 12:16

Instrument :

MSVOA_X

ClientSampleId :

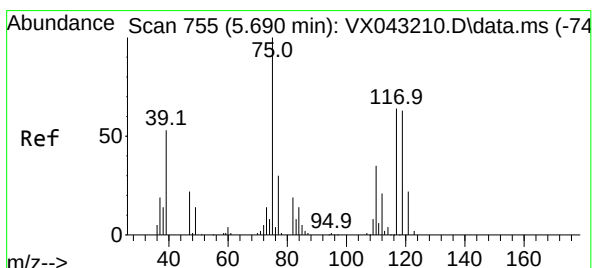
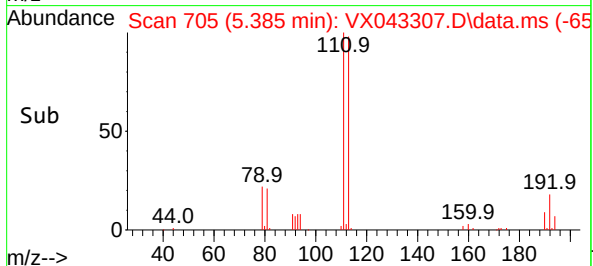
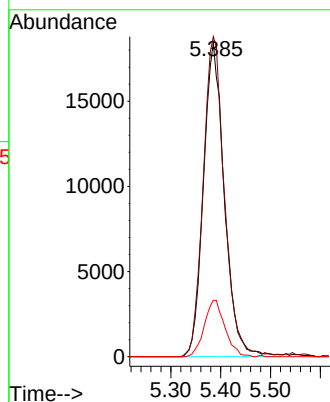
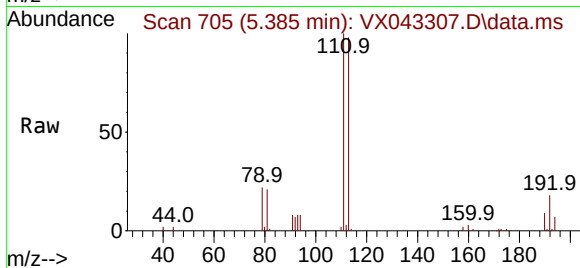
Tgt Ion:113 Resp: 53776

Ion Ratio Lower Upper

113 100

111 102.4 83.4 125.0

192 17.7 14.1 21.1



#36

1,1-Dichloropropene

Concen: 5.151 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX043307.D

Acq: 07 Oct 2024 12:16

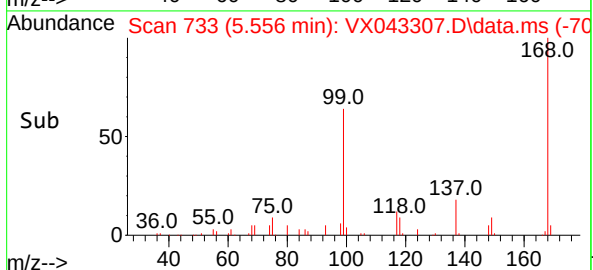
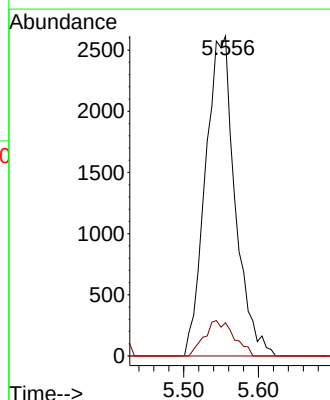
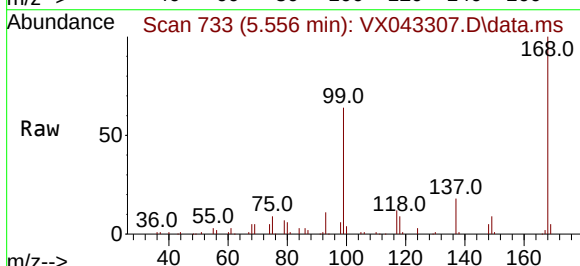
Tgt Ion: 75 Resp: 7200

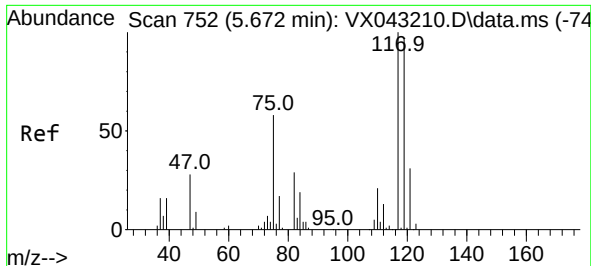
Ion Ratio Lower Upper

75 100

110 11.0 17.8 53.3#

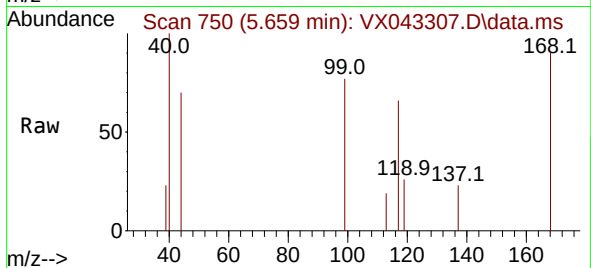
77 0.0 24.9 37.3#



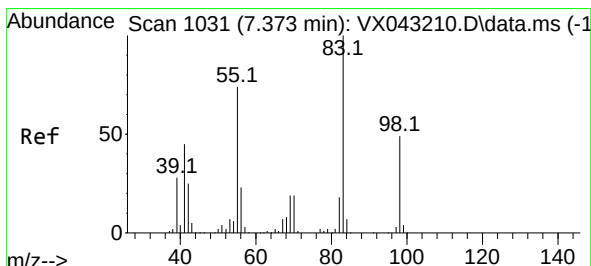
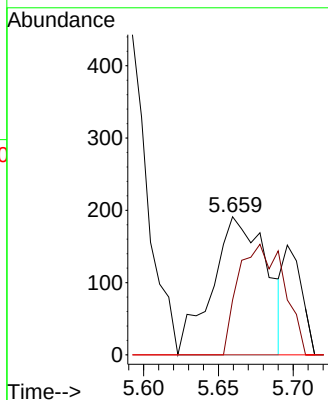
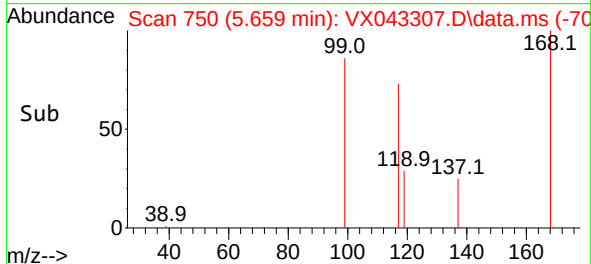


#38
Carbon Tetrachloride
Concen: 0.292 ug/l
RT: 5.659 min Scan# 711
Delta R.T. -0.012 min
Lab File: VX043307.D
Acq: 07 Oct 2024 12:16

Instrument :
MSVOA_X
ClientSampleId :

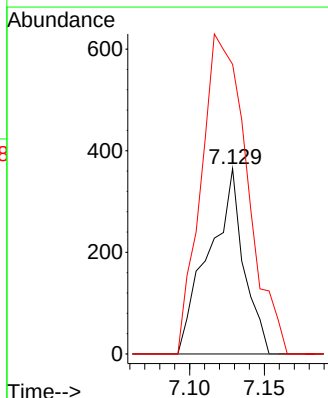
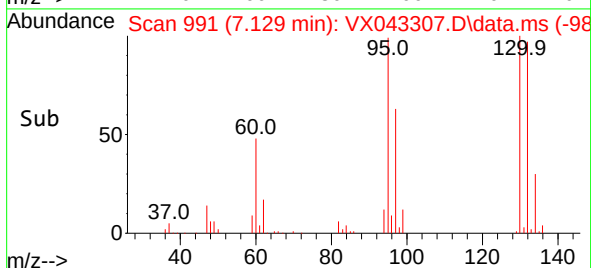
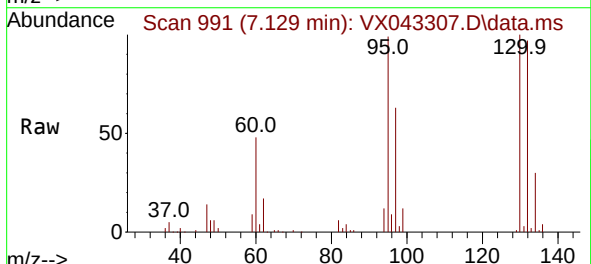


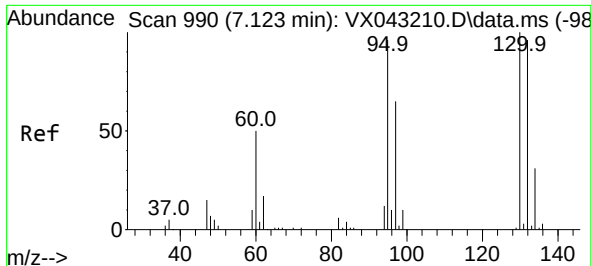
Tgt Ion:117 Resp: 483
Ion Ratio Lower Upper
117 100
119 39.8 77.7 116.5#
121 0.0 24.3 36.5#



#39
Methylcyclohexane
Concen: 0.335 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.244 min
Lab File: VX043307.D
Acq: 07 Oct 2024 12:16

Tgt Ion: 83 Resp: 589
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.2#
98 156.2 39.3 58.9#

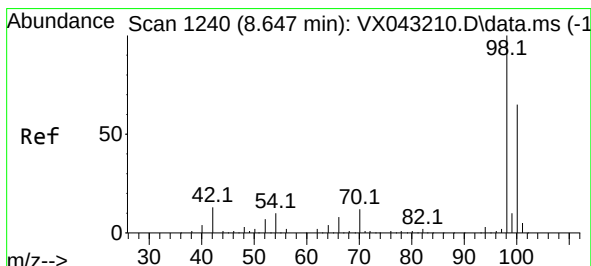
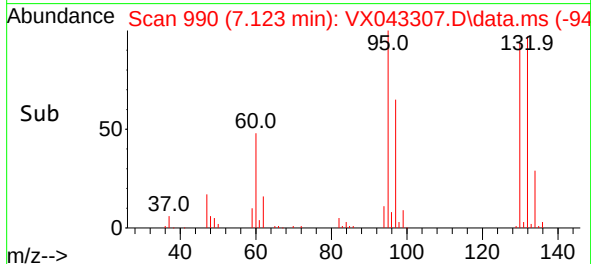
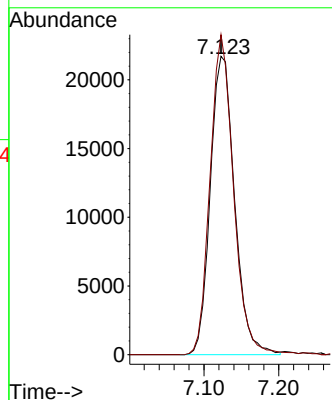
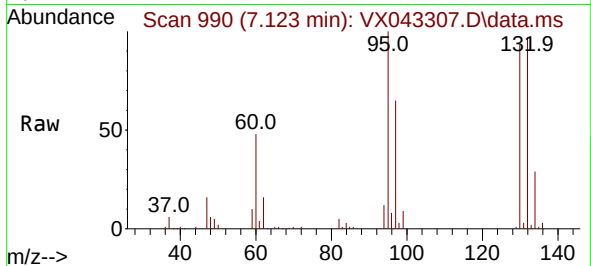




#44
Trichloroethene
Concen: 43.756 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX043307.D
Acq: 07 Oct 2024 12:16

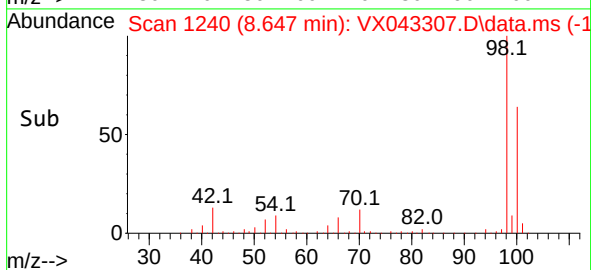
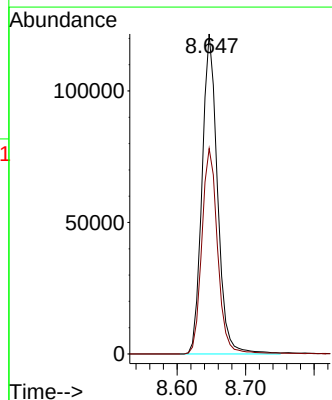
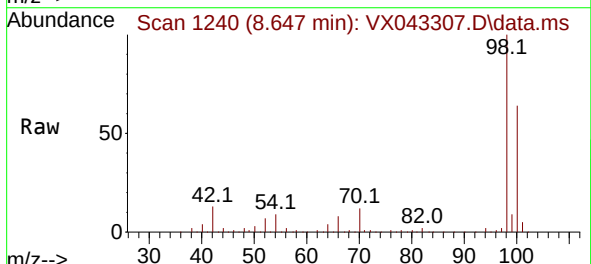
Instrument :
MSVOA_X
ClientSampleId :

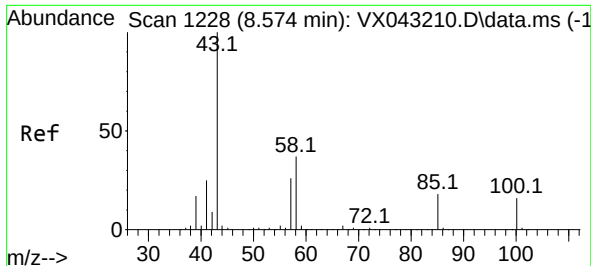
Tgt Ion:130 Resp: 49188
Ion Ratio Lower Upper
130 100
95 107.3 0.0 192.2



#50
Toluene-d8
Concen: 49.850 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043307.D
Acq: 07 Oct 2024 12:16

Tgt Ion: 98 Resp: 191159
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6

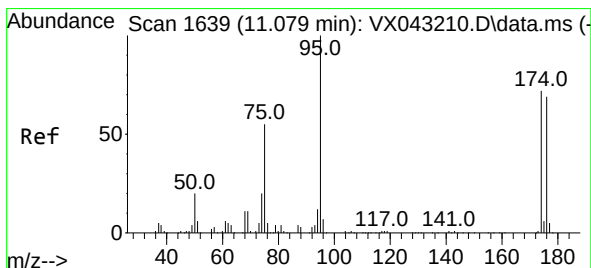
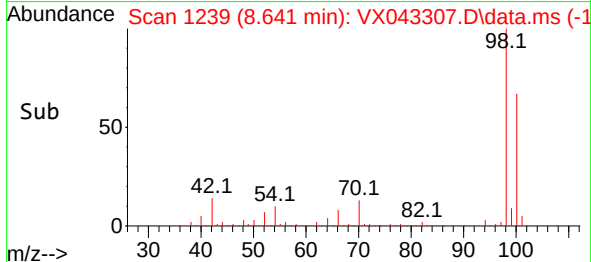
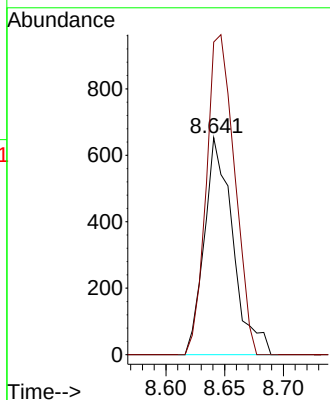
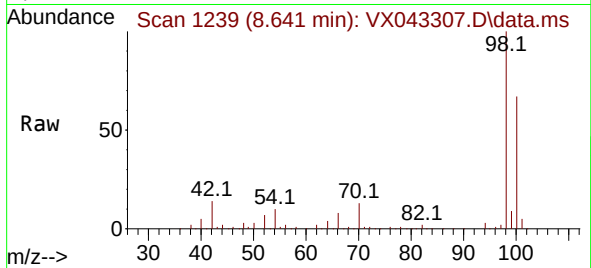




#51
4-Methyl-2-Pentanone
Concen: 0.654 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX043307.D
Acq: 07 Oct 2024 12:16

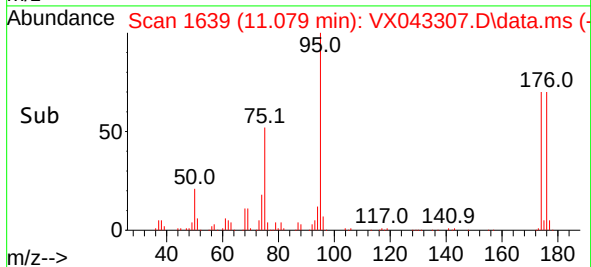
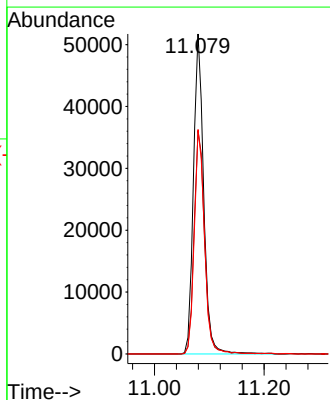
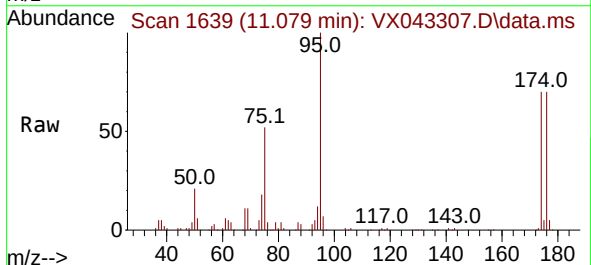
Instrument :
MSVOA_X
ClientSampleId :

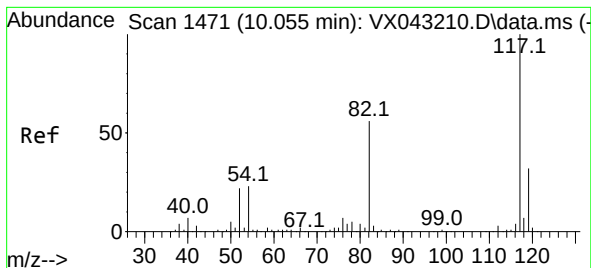
Tgt Ion: 43 Resp: 1101
Ion Ratio Lower Upper
43 100
58 146.1 30.0 45.0#



#62
4-Bromofluorobenzene
Concen: 48.385 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043307.D
Acq: 07 Oct 2024 12:16

Tgt Ion: 95 Resp: 67405
Ion Ratio Lower Upper
95 100
174 71.8 0.0 145.0
176 69.8 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: VX043307.D

Acq: 07 Oct 2024 12:16

Instrument :

MSVOA_X

ClientSampleId :

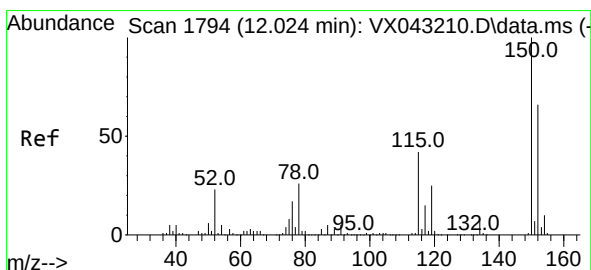
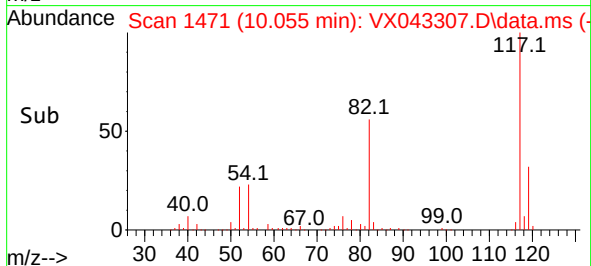
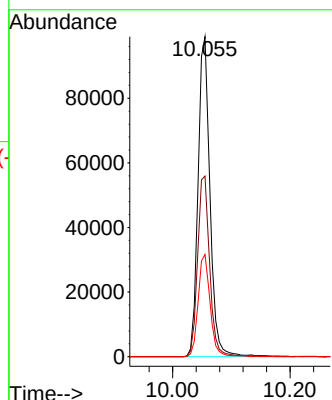
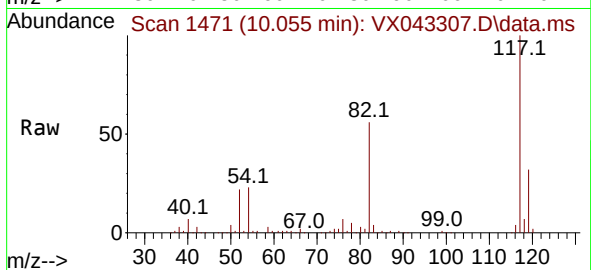
Tgt Ion:117 Resp: 139774

Ion Ratio Lower Upper

117 100

82 56.5 45.0 67.6

119 32.0 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX043307.D

Acq: 07 Oct 2024 12:16

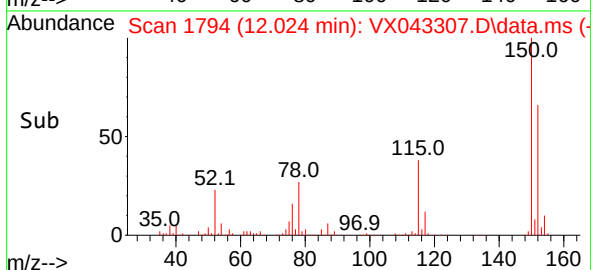
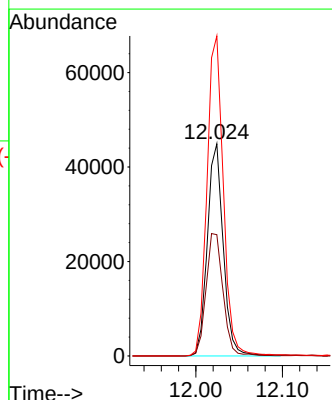
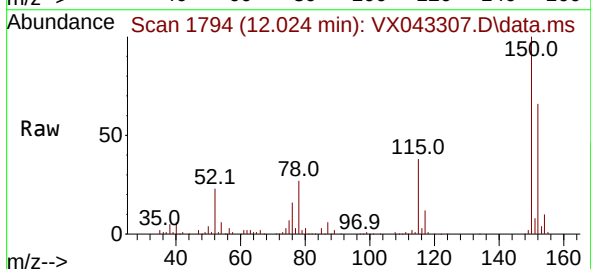
Tgt Ion:152 Resp: 57451

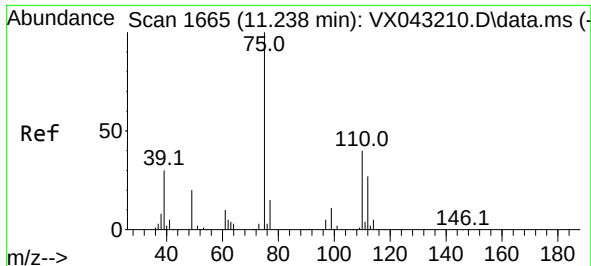
Ion Ratio Lower Upper

152 100

115 61.5 44.1 132.3

150 155.2 0.0 347.4

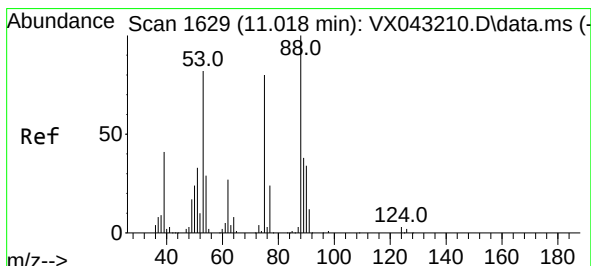
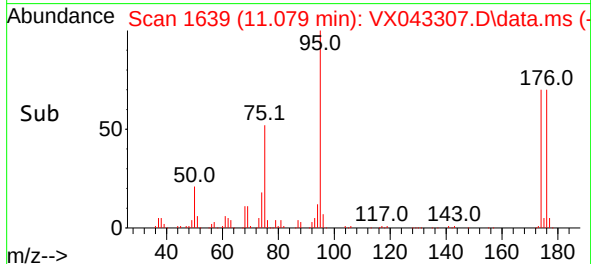
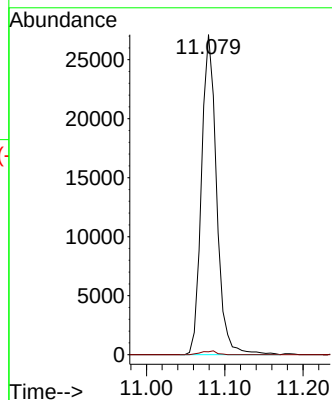
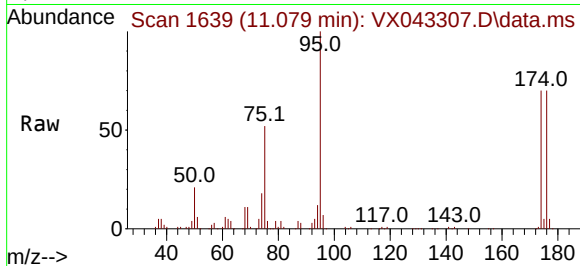




#76
1,2,3-Trichloropropane
Concen: 28.606 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043307.D
Acq: 07 Oct 2024 12:16

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 36453
Ion Ratio Lower Upper
75 100
77 1.2 22.0 66.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.136 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043307.D
Acq: 07 Oct 2024 12:16

Tgt Ion: 75 Resp: 36453
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#

