

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102924\
 Data File : VX043593.D
 Acq On : 29 Oct 2024 13:43
 Operator : JC/MD
 Sample : P4548-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 30 01:31:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

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

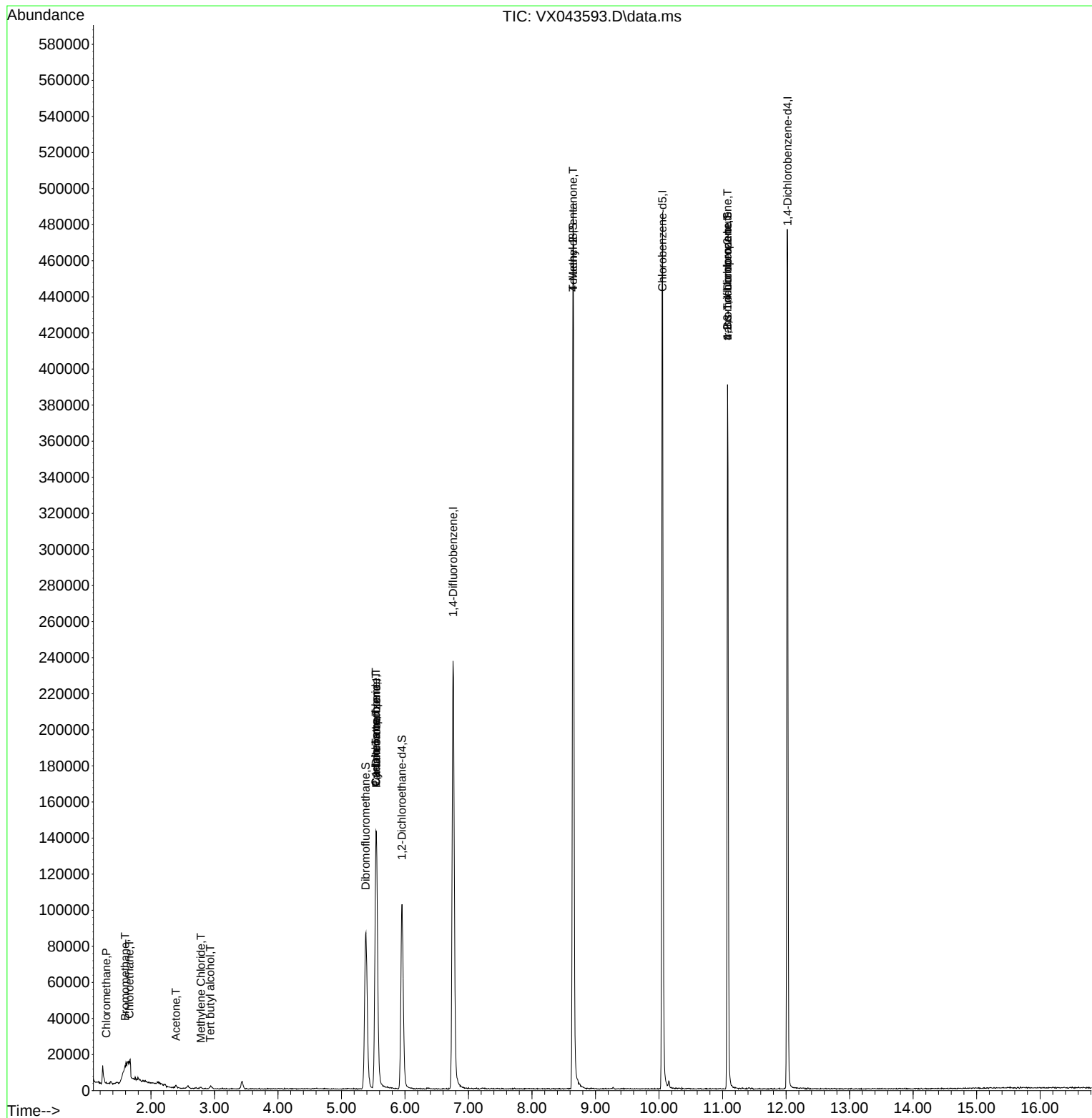
Internal Standards						
1) Pentafluorobenzene	5.550	168	142471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	263505	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99414	43.761	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.520%		
35) Dibromofluoromethane	5.379	113	80043	44.796	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.600%		
50) Toluene-d8	8.647	98	308112	49.814	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.620%		
62) 4-Bromofluorobenzene	11.079	95	110631	48.269	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.540%		
Target Compounds						Qvalue
3) Chloromethane	1.295	50	489	0.251	ug/l #	82
5) Bromomethane	1.593	94	246	0.334	ug/l #	66
6) Chloroethane	1.660	64	197	0.309	ug/l #	43
11) Tert butyl alcohol	2.934	59	641	1.512	ug/l #	100
16) Acetone	2.392	43	1649	1.828	ug/l	93
20) Methylene Chloride	2.788	84	410	0.211	ug/l #	90
31) Cyclohexane	5.544	56	2897	1.208	ug/l #	14
36) 1,1-Dichloropropene	5.544	75	11115	5.246	ug/l #	48
38) Carbon Tetrachloride	5.544	117	15135	6.465	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1300	0.501	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	54614	25.029	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	54614	68.856	ug/l #	7

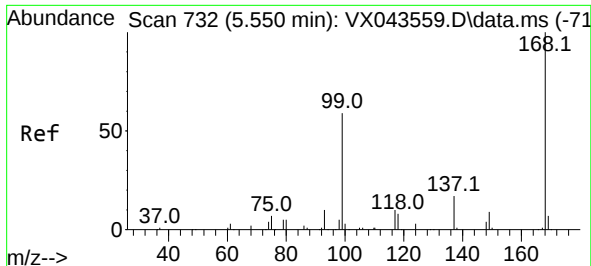
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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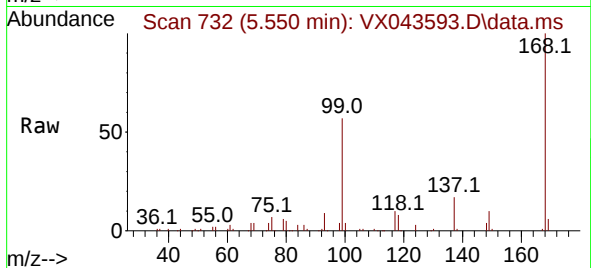
Quant Time: Oct 30 01:31:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 28 13:41:34 2024
Response via : Initial Calibration



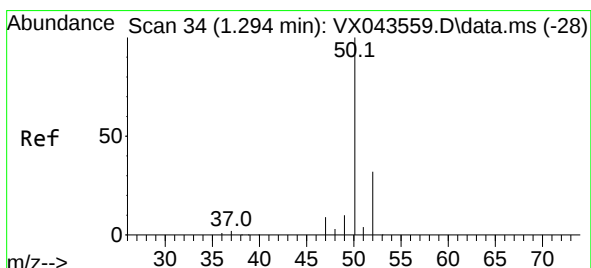
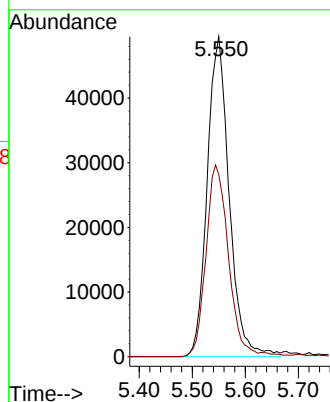
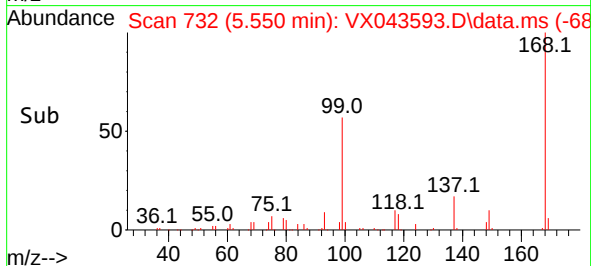


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043593.D
Acq: 29 Oct 2024 13:43

Instrument :
MSVOA_X
ClientSampleId :

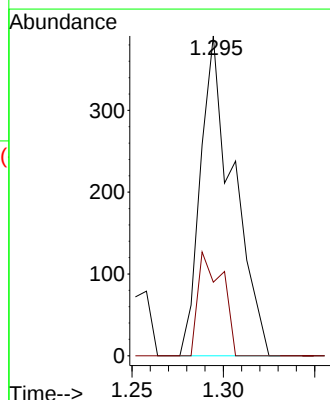
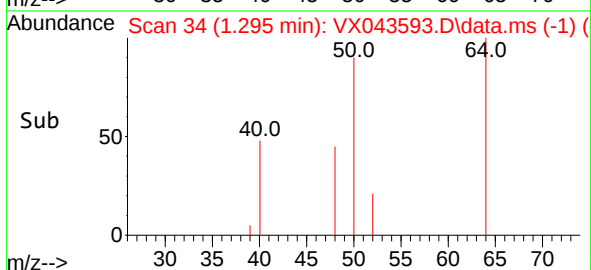
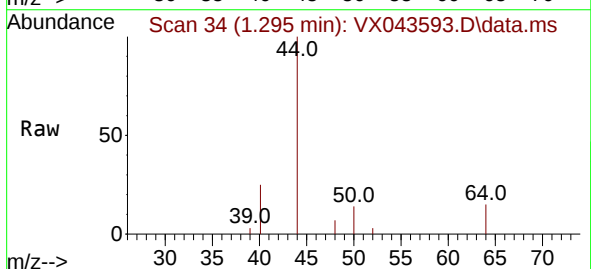


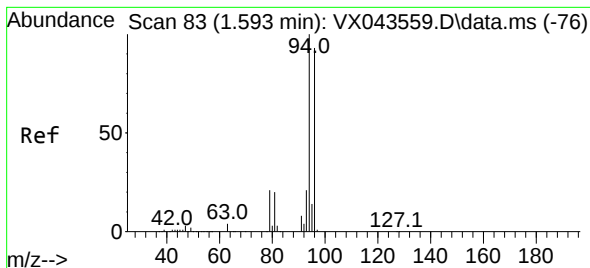
Tgt Ion:168 Resp: 142471
Ion Ratio Lower Upper
168 100
99 57.0 52.6 78.8



#3
Chloromethane
Concen: 0.251 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043593.D
Acq: 29 Oct 2024 13:43

Tgt Ion: 50 Resp: 489
Ion Ratio Lower Upper
50 100
52 23.0 26.3 39.5#





#5

Bromomethane

Concen: 0.334 ug/l

RT: 1.593 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX043593.D

Acq: 29 Oct 2024 13:43

Instrument :

MSVOA_X

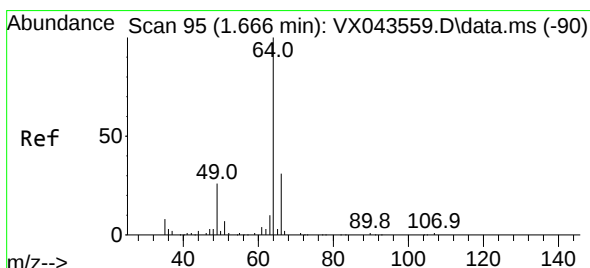
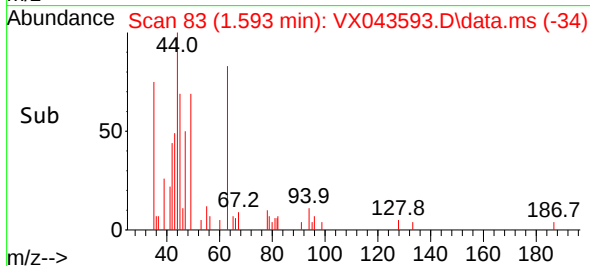
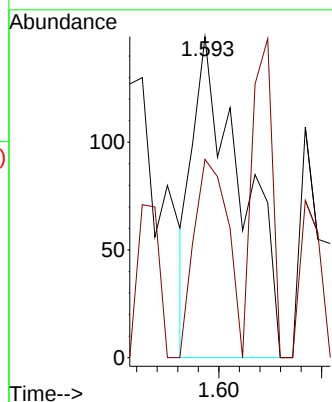
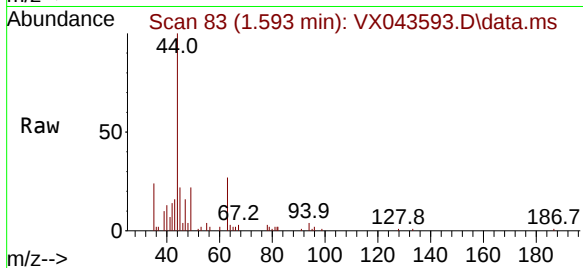
ClientSampleId :

Tgt Ion: 94 Resp: 246

Ion Ratio Lower Upper

94 100

96 61.7 75.9 113.9#



#6

Chloroethane

Concen: 0.309 ug/l

RT: 1.660 min Scan# 94

Delta R.T. 0.000 min

Lab File: VX043593.D

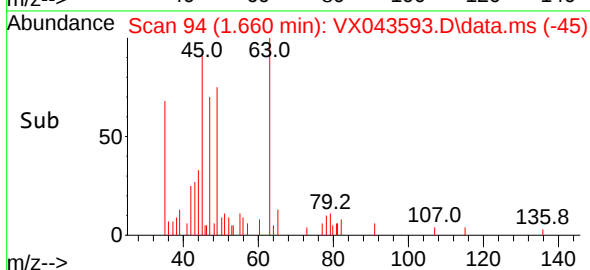
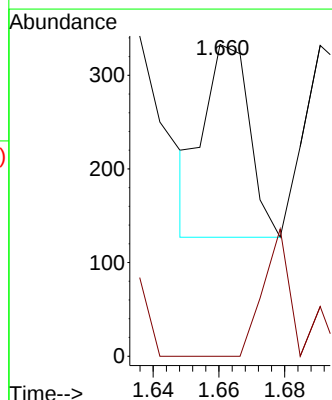
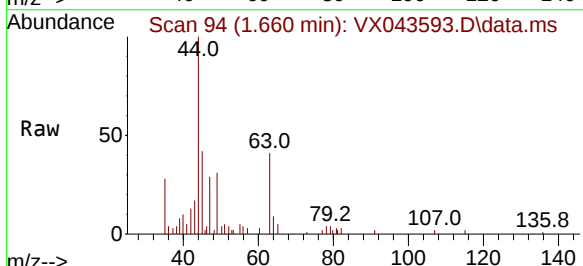
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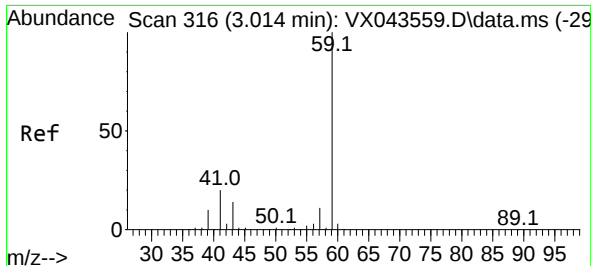
Tgt Ion: 64 Resp: 197

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 1.512 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.116 min

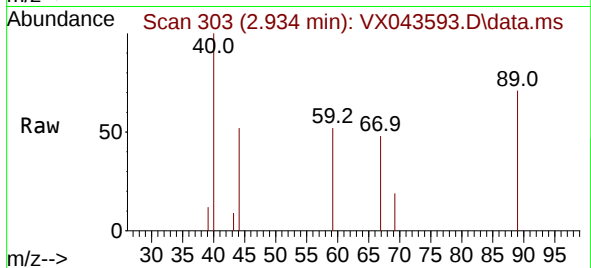
Lab File: VX043593.D

Acq: 29 Oct 2024 13:43

Instrument :

MSVOA_X

ClientSampleId :

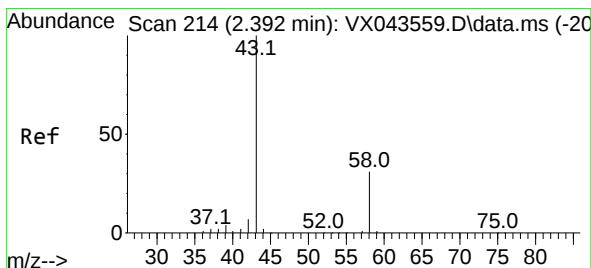
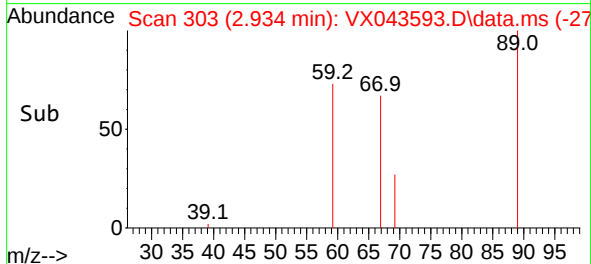
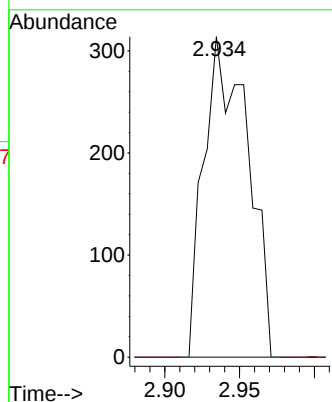


Tgt Ion: 59 Resp: 641

Ion Ratio Lower Upper

59 100

57 0.0 0.0 0.0



#16

Acetone

Concen: 1.828 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX043593.D

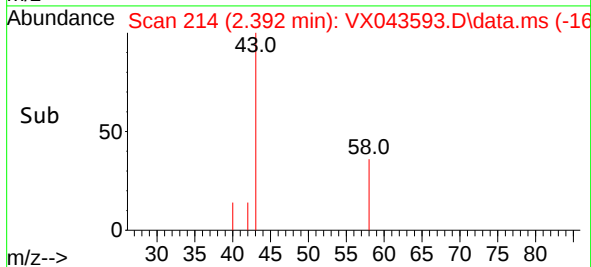
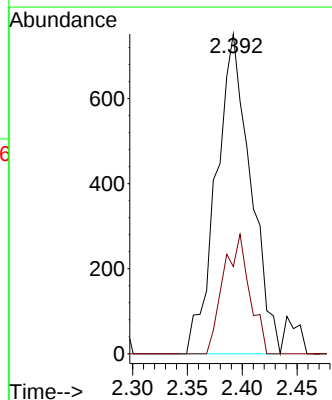
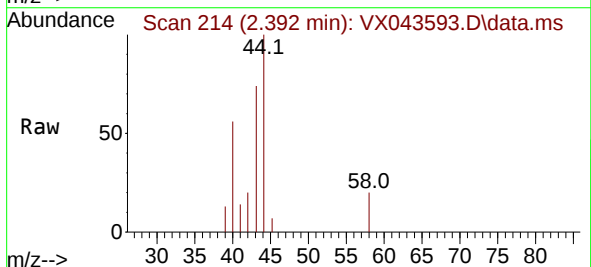
Acq: 29 Oct 2024 13:43

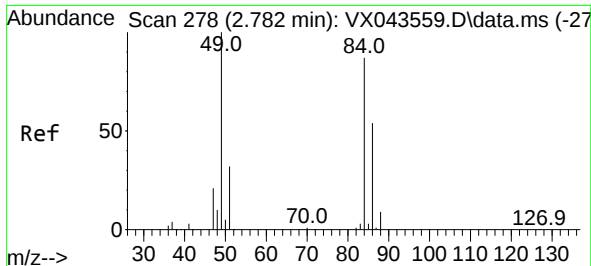
Tgt Ion: 43 Resp: 1649

Ion Ratio Lower Upper

43 100

58 27.3 25.1 37.7





#20

Methylene Chloride

Concen: 0.211 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.006 min

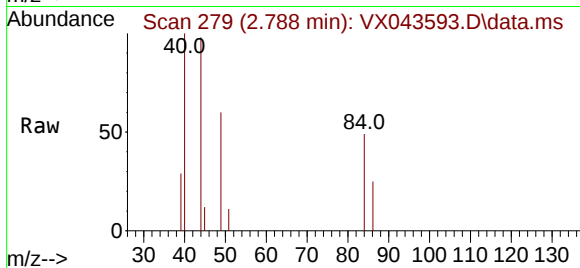
Lab File: VX043593.D

Acq: 29 Oct 2024 13:43

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 410

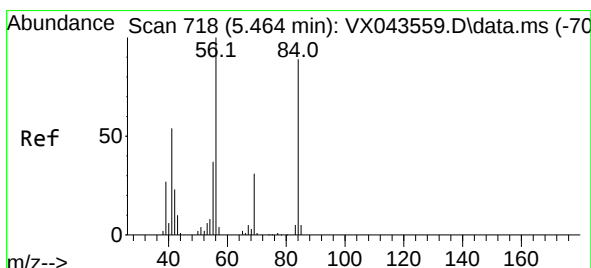
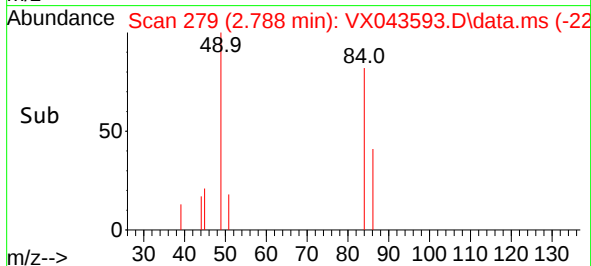
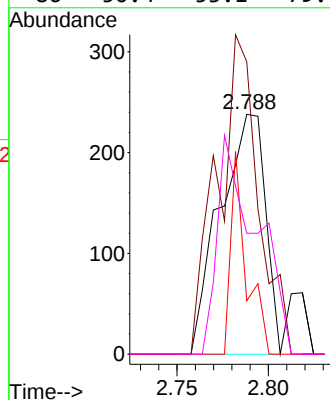
Ion Ratio Lower Upper

84 100

49 121.8 97.0 145.6

51 22.3 29.8 44.8#

86 50.4 53.1 79.7#



#31

Cyclohexane

Concen: 1.208 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.086 min

Lab File: VX043593.D

Acq: 29 Oct 2024 13:43

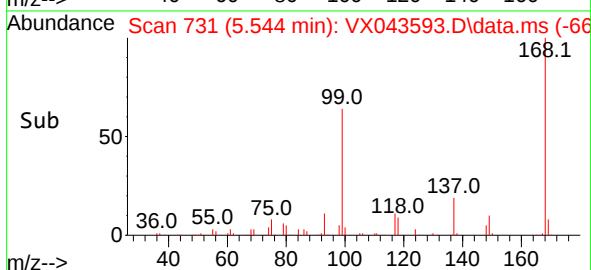
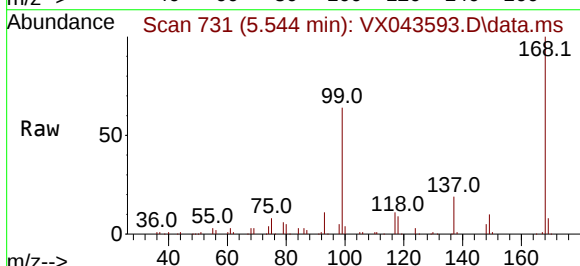
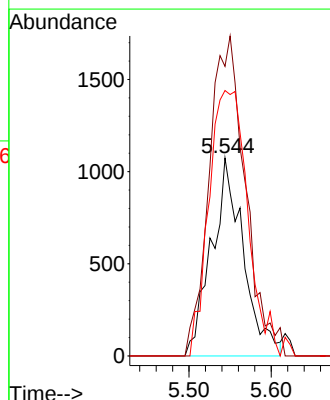
Tgt Ion: 56 Resp: 2897

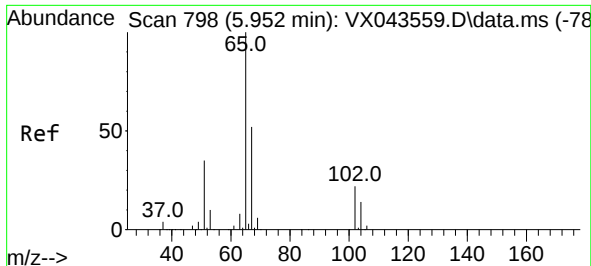
Ion Ratio Lower Upper

56 100

69 146.3 24.9 37.3#

84 134.1 73.3 109.9#





#33

1,2-Dichloroethane-d4

Concen: 43.761 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX043593.D

Acq: 29 Oct 2024 13:43

Instrument :

MSVOA_X

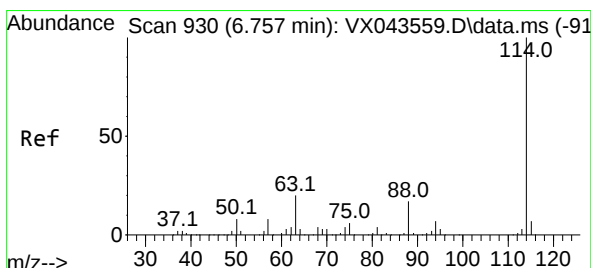
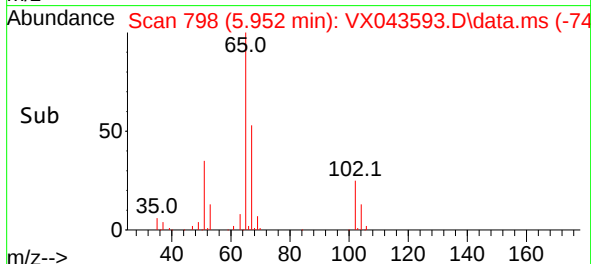
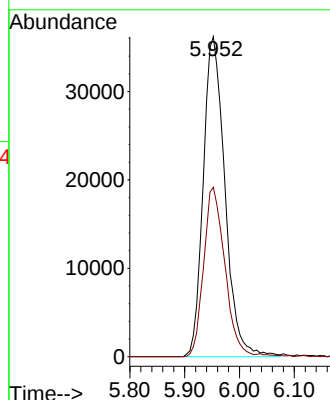
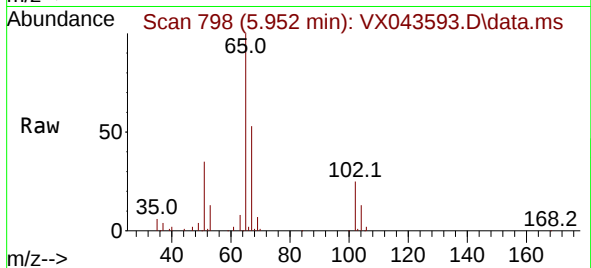
ClientSampleId :

Tgt Ion: 65 Resp: 99414

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX043593.D

Acq: 29 Oct 2024 13:43

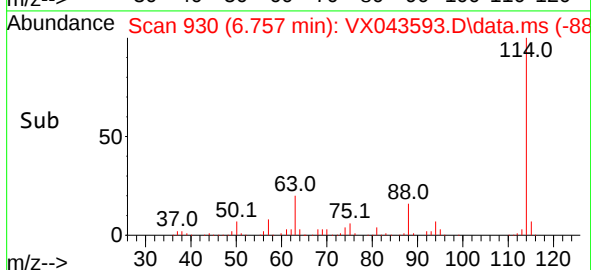
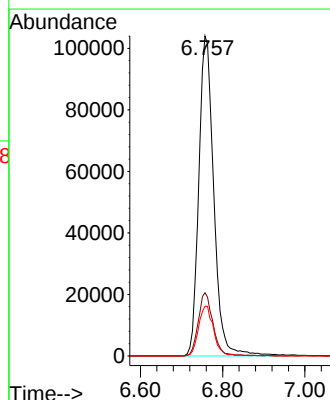
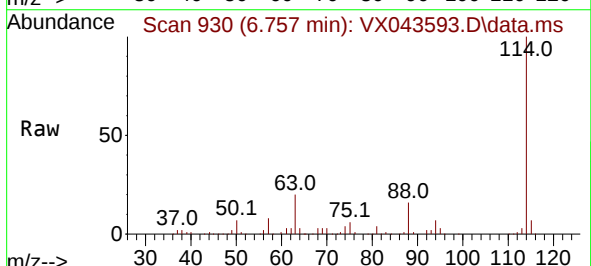
Tgt Ion: 114 Resp: 263505

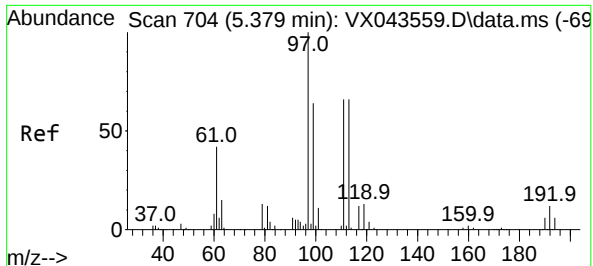
Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.2

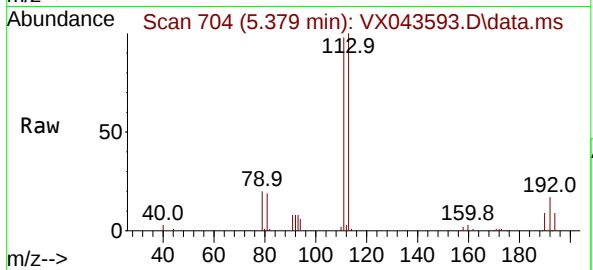
88 15.6 0.0 34.0



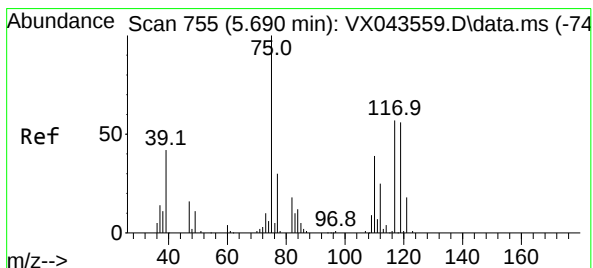
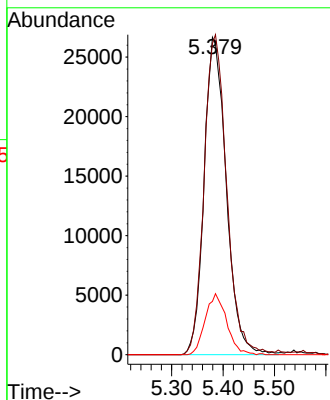
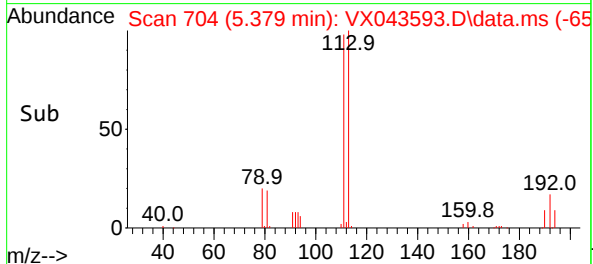


#35
Dibromofluoromethane
Concen: 44.796 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX043593.D
Acq: 29 Oct 2024 13:43

Instrument :
MSVOA_X
ClientSampleId :

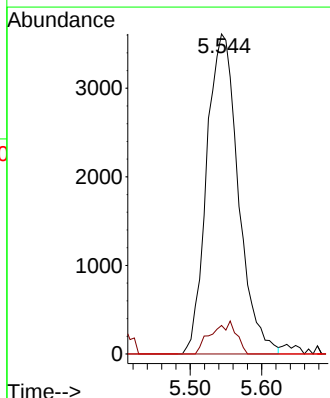
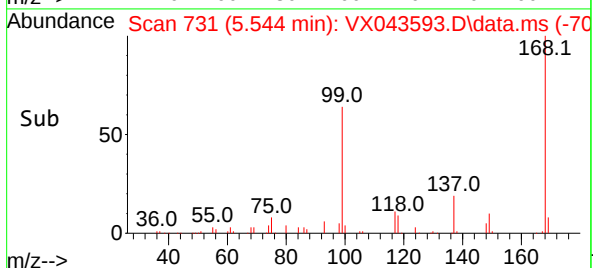
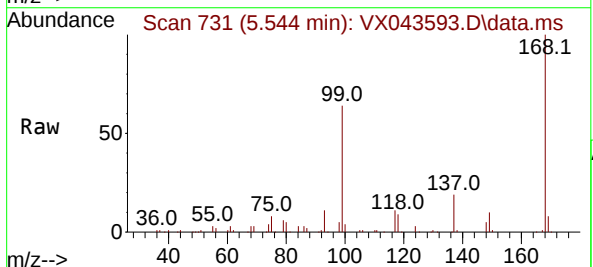


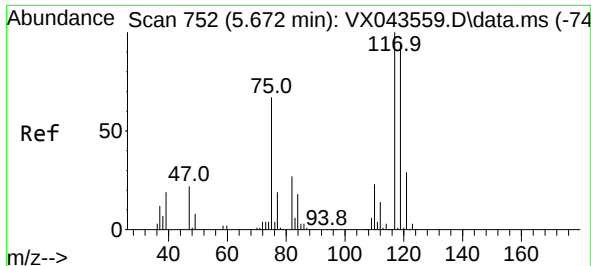
Tgt Ion:113 Resp: 80043
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.0
192 18.5 14.1 21.1



#36
1,1-Dichloropropene
Concen: 5.246 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX043593.D
Acq: 29 Oct 2024 13:43

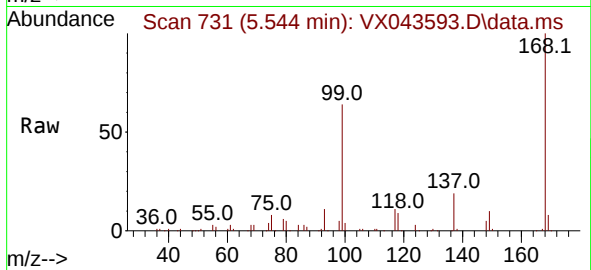
Tgt Ion: 75 Resp: 11115
Ion Ratio Lower Upper
75 100
110 8.1 17.9 53.7#
77 0.0 25.0 37.4#



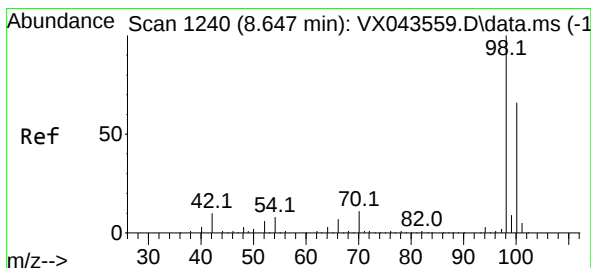
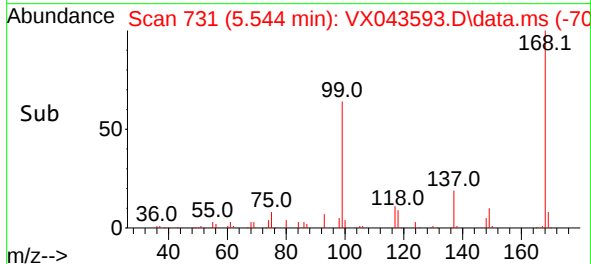
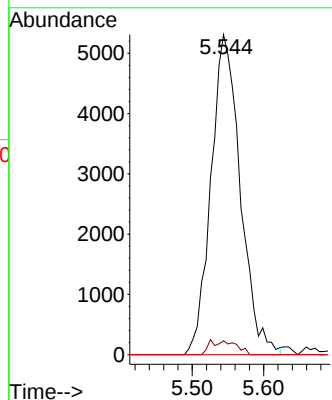


#38
Carbon Tetrachloride
Concen: 6.465 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043593.D
Acq: 29 Oct 2024 13:43

Instrument :
MSVOA_X
ClientSampleId :

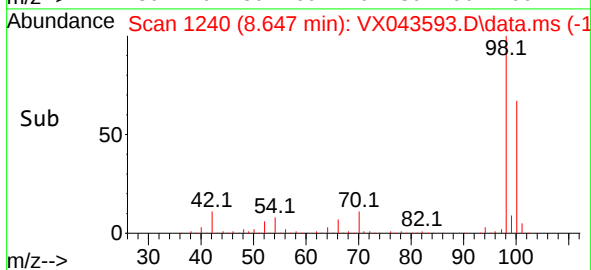
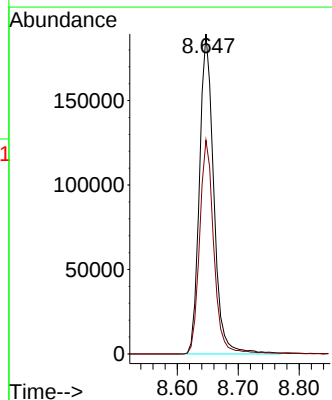
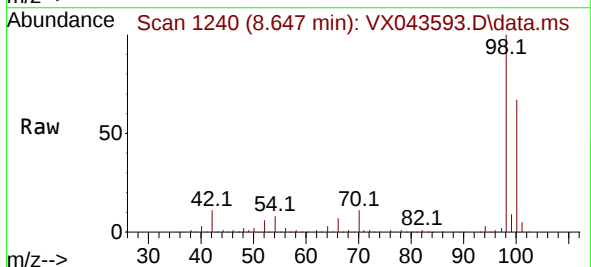


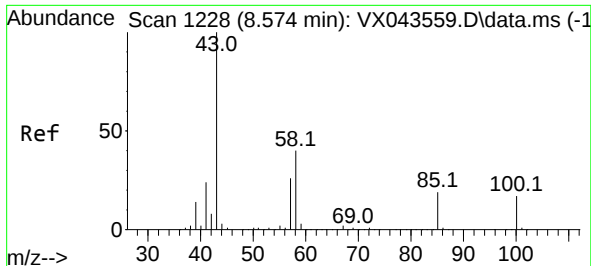
Tgt Ion:117 Resp: 15135
Ion Ratio Lower Upper
117 100
119 4.3 77.0 115.6#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 49.814 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043593.D
Acq: 29 Oct 2024 13:43

Tgt Ion: 98 Resp: 308112
Ion Ratio Lower Upper
98 100
100 66.8 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 0.501 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX043593.D

Acq: 29 Oct 2024 13:43

Instrument :

MSVOA_X

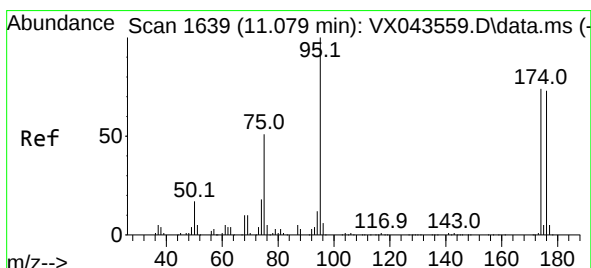
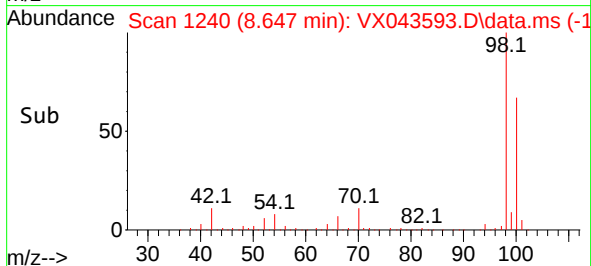
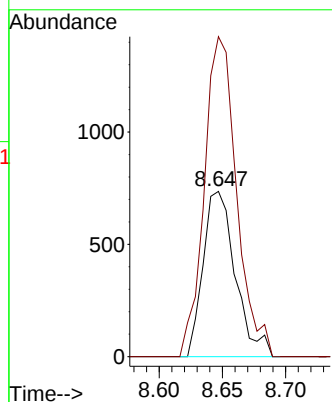
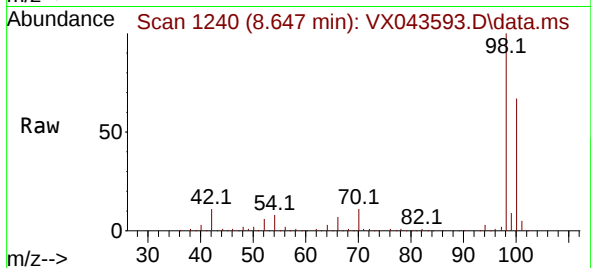
ClientSampleId :

Tgt Ion: 43 Resp: 1300

Ion Ratio Lower Upper

43 100

58 195.4 31.7 47.5#



#62

4-Bromofluorobenzene

Concen: 48.269 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX043593.D

Acq: 29 Oct 2024 13:43

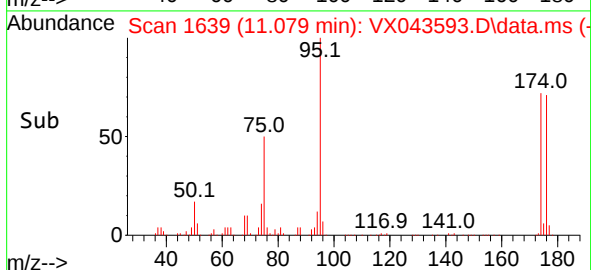
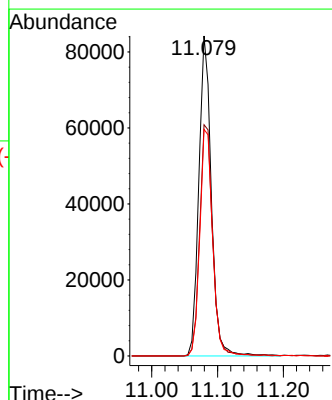
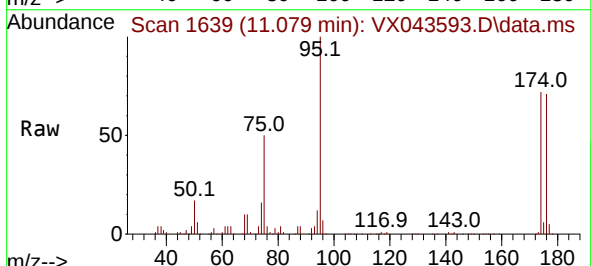
Tgt Ion: 95 Resp: 110631

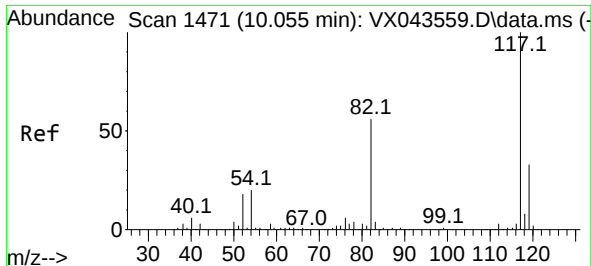
Ion Ratio Lower Upper

95 100

174 75.0 0.0 146.6

176 73.3 0.0 139.6

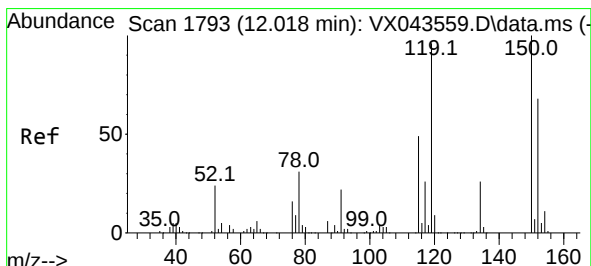
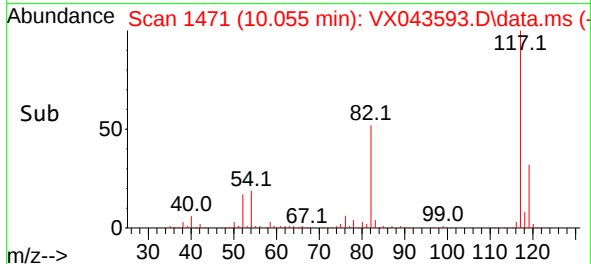
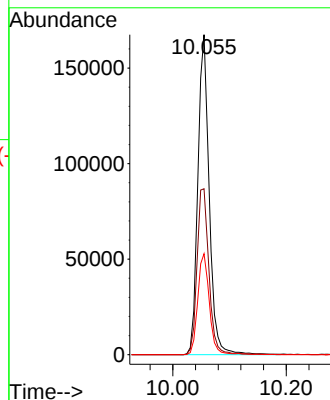
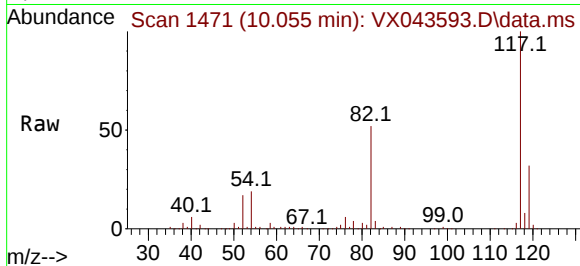




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043593.D
Acq: 29 Oct 2024 13:43

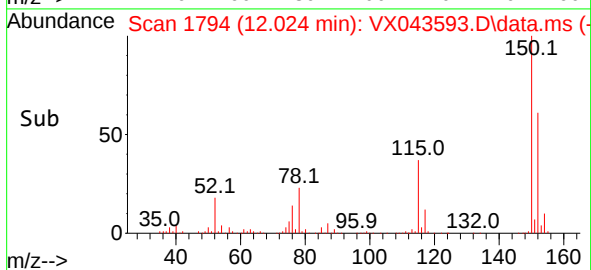
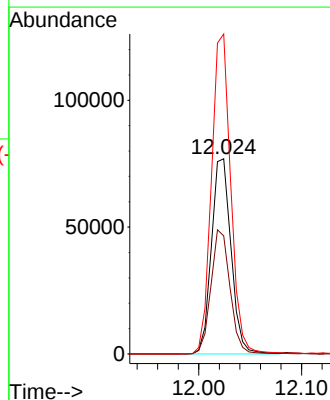
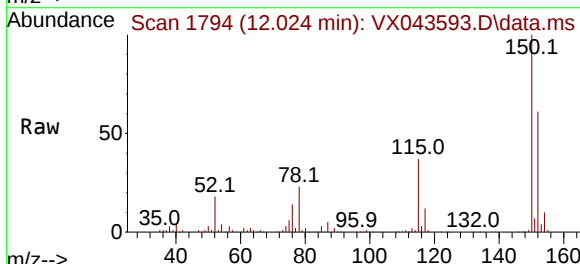
Instrument :
MSVOA_X
ClientSampleId :

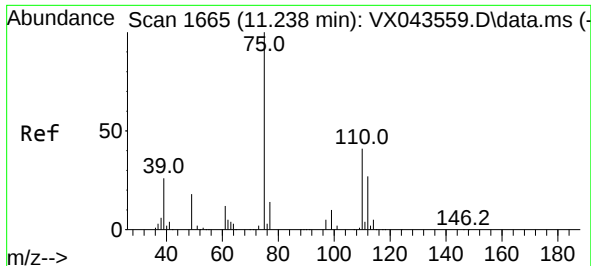
Tgt Ion:117 Resp: 232626
Ion Ratio Lower Upper
117 100
82 51.9 42.1 63.1
119 31.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX043593.D
Acq: 29 Oct 2024 13:43

Tgt Ion:152 Resp: 102053
Ion Ratio Lower Upper
152 100
115 62.1 42.9 128.7
150 161.1 0.0 343.6

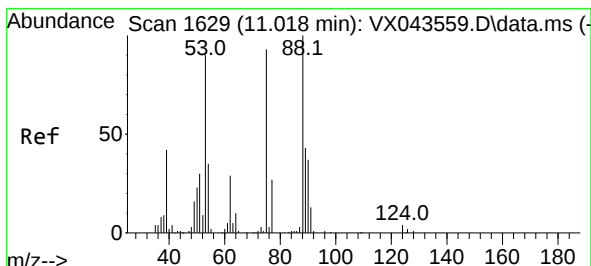
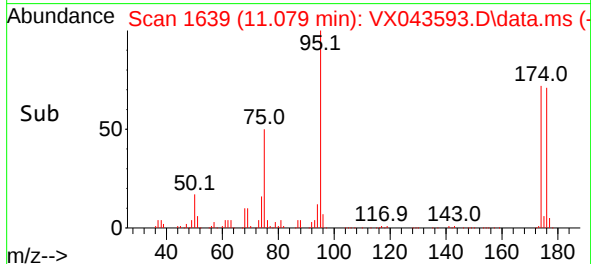
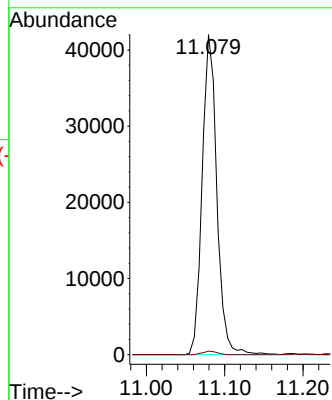
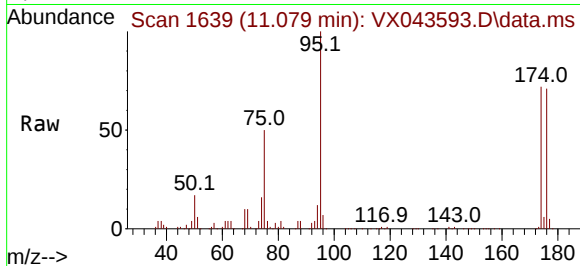




#76
1,2,3-Trichloropropane
Concen: 25.029 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043593.D
Acq: 29 Oct 2024 13:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 54614
Ion Ratio Lower Upper
75 100
77 1.1 22.4 67.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.856 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043593.D
Acq: 29 Oct 2024 13:43

Tgt Ion: 75 Resp: 54614
Ion Ratio Lower Upper
75 100
53 0.0 84.6 126.8#
89 0.1 38.6 58.0#

