

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102924\
 Data File : VX043588.D
 Acq On : 29 Oct 2024 11:43
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 30 01:29:03 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)

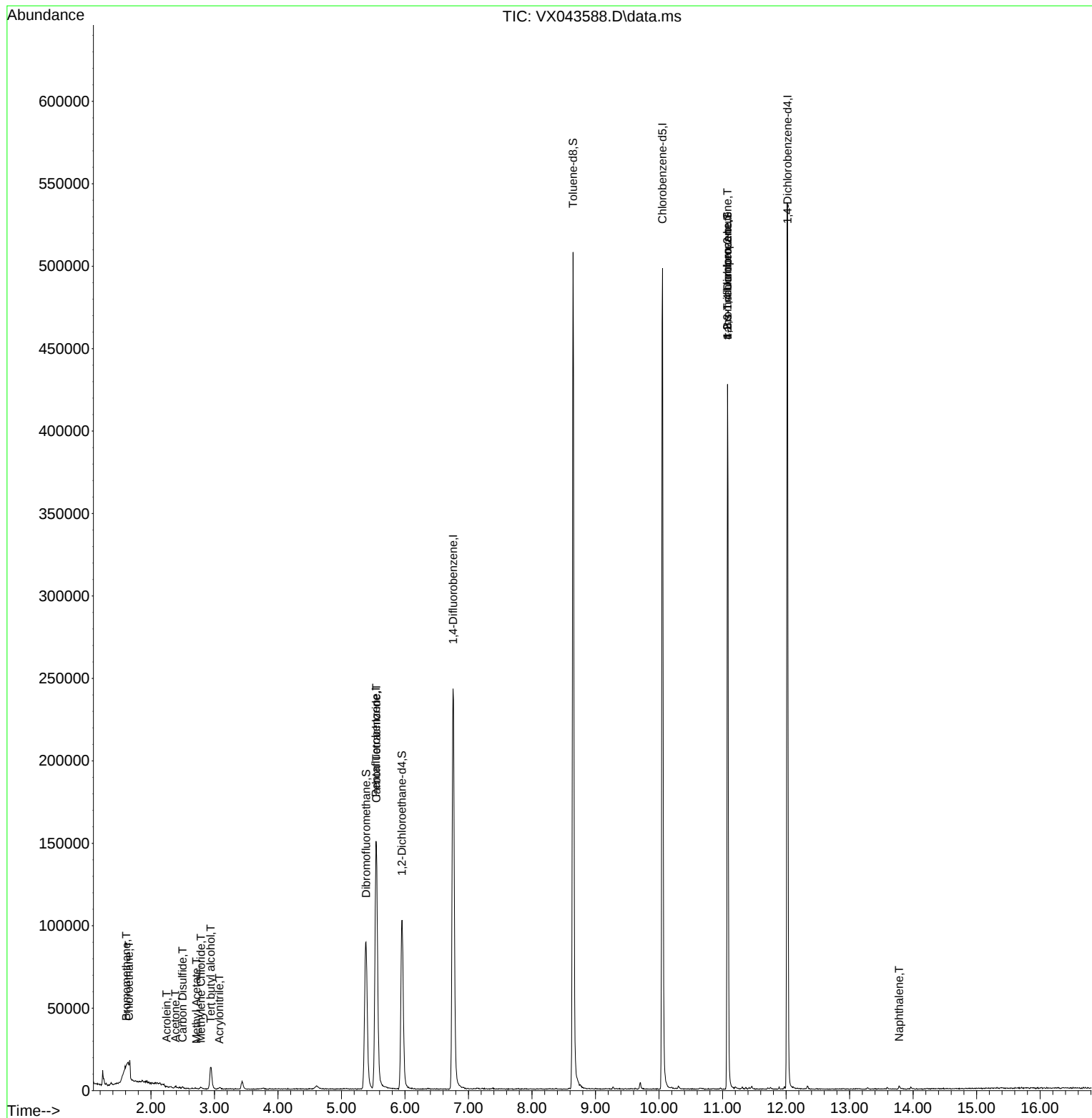
Internal Standards						
1) Pentafluorobenzene	5.544	168	147939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	269235	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100941	42.791	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.580%		
35) Dibromofluoromethane	5.385	113	83029	45.479	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.960%		
50) Toluene-d8	8.647	98	318894	50.459	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.920%		
62) 4-Bromofluorobenzene	11.079	95	119213	50.906	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.820%		
Target Compounds						Qvalue
5) Bromomethane	1.611	94	380	0.497	ug/l #	39
6) Chloroethane	1.654	64	191	0.289	ug/l #	65
11) Tert butyl alcohol	2.940	59	8061	18.308	ug/l #	100
13) Acrolein	2.245	56	120	0.349	ug/l #	34
15) Acrylonitrile	3.075	53	449	0.452	ug/l #	72
16) Acetone	2.386	43	1047	1.118	ug/l #	81
17) Carbon Disulfide	2.495	76	1248	0.377	ug/l #	95
18) Methyl Acetate	2.715	43	675	0.247	ug/l #	69
20) Methylene Chloride	2.788	84	582	0.288	ug/l #	70
38) Carbon Tetrachloride	5.550	117	14992	6.268	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	59049	23.677	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	59049	65.137	ug/l #	7
95) Naphthalene	13.780	128	2019	0.222	ug/l #	90

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

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QLast Update : Mon Oct 28 13:41:34 2024
Response via : Initial Calibration

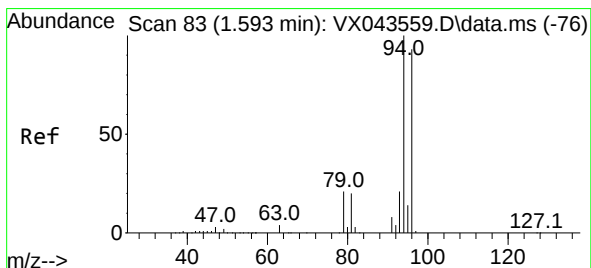
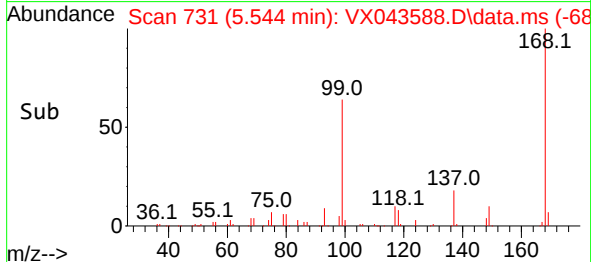
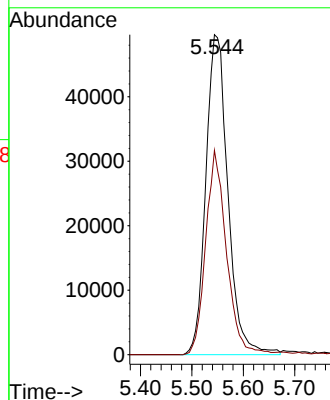
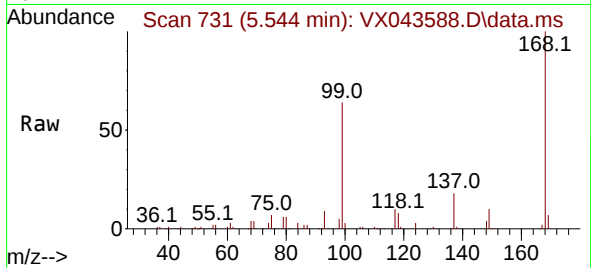




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043588.D
Acq: 29 Oct 2024 11:43

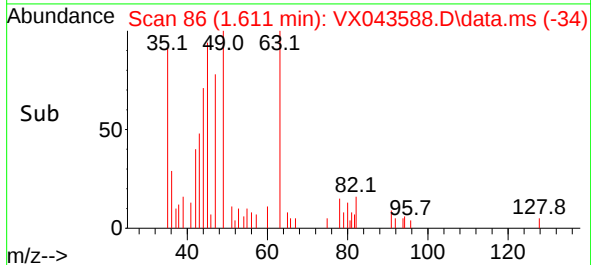
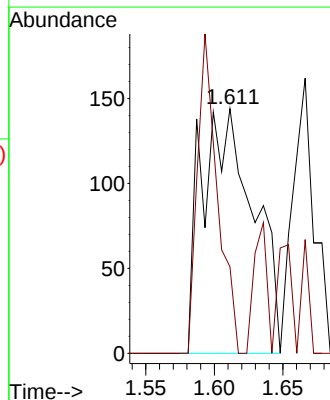
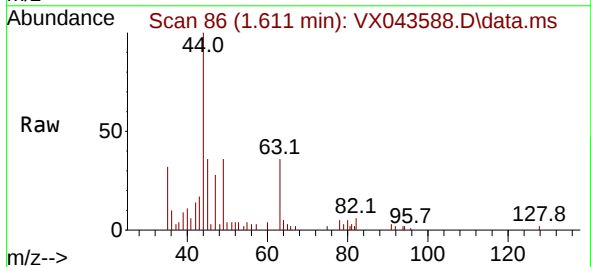
Instrument :
MSVOA_X
ClientSampleId :

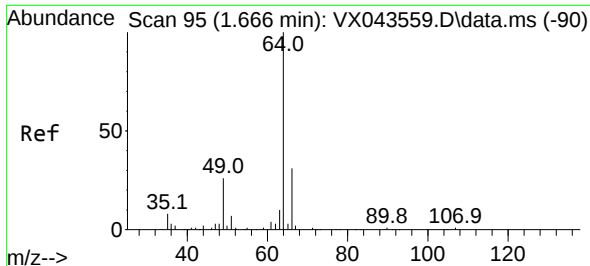
Tgt Ion:168 Resp: 147939
Ion Ratio Lower Upper
168 100
99 63.8 52.6 78.8



#5
Bromomethane
Concen: 0.497 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.018 min
Lab File: VX043588.D
Acq: 29 Oct 2024 11:43

Tgt Ion: 94 Resp: 380
Ion Ratio Lower Upper
94 100
96 35.4 75.9 113.9#

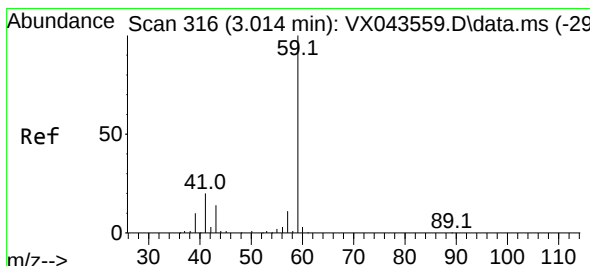
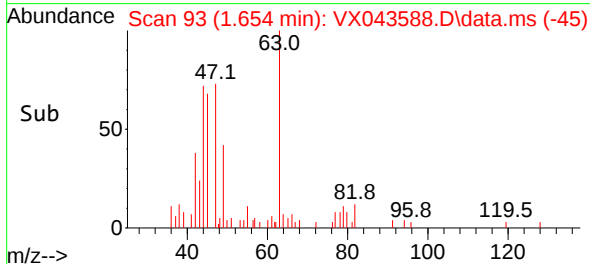
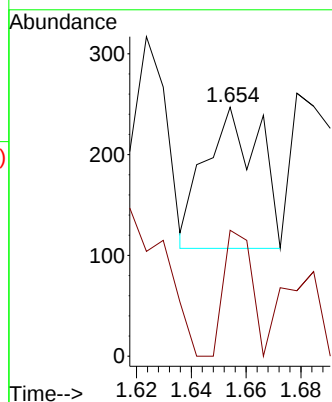
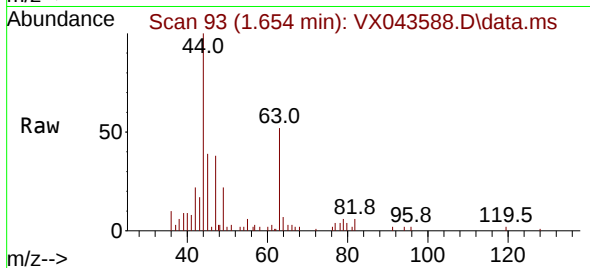




#6
Chloroethane
Concen: 0.289 ug/l
RT: 1.654 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX043588.D
Acq: 29 Oct 2024 11:43

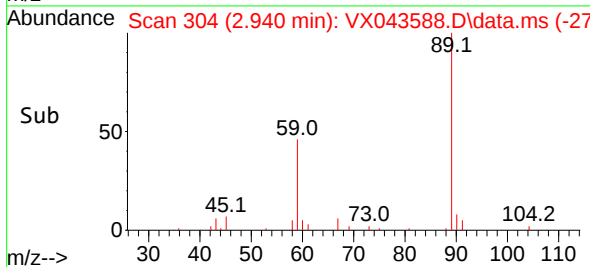
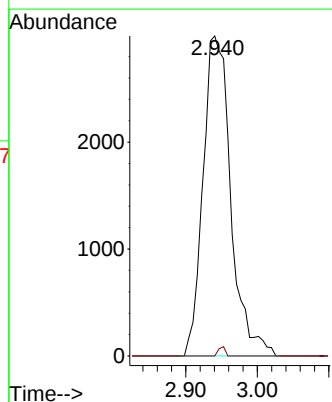
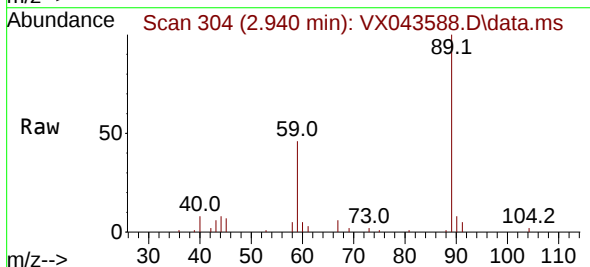
Instrument :
MSVOA_X
ClientSampleId :

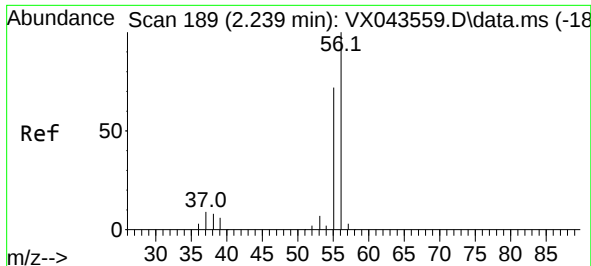
Tgt Ion: 64 Resp: 191
Ion Ratio Lower Upper
64 100
66 50.7 25.1 37.7#



#11
Tert butyl alcohol
Concen: 18.308 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.110 min
Lab File: VX043588.D
Acq: 29 Oct 2024 11:43

Tgt Ion: 59 Resp: 8061
Ion Ratio Lower Upper
59 100
57 0.7 0.0 0.0#





#13

Acrolein

Concen: 0.349 ug/l

RT: 2.245 min Scan# 190

Delta R.T. 0.006 min

Lab File: VX043588.D

Acq: 29 Oct 2024 11:43

Instrument :

MSVOA_X

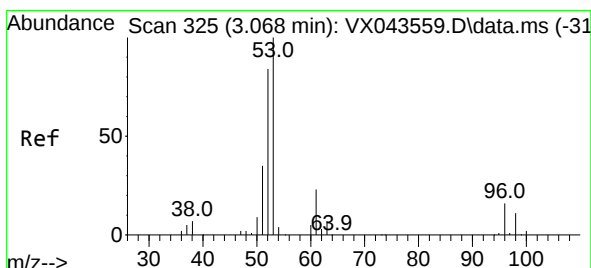
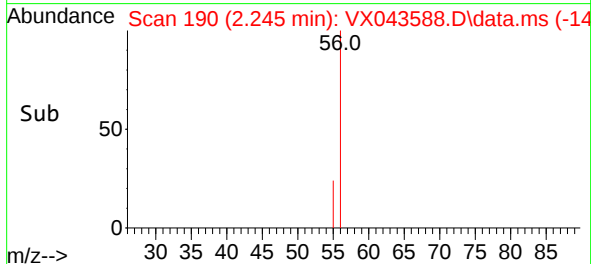
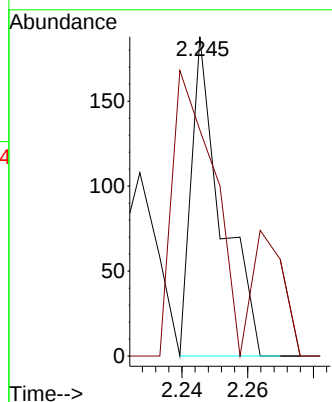
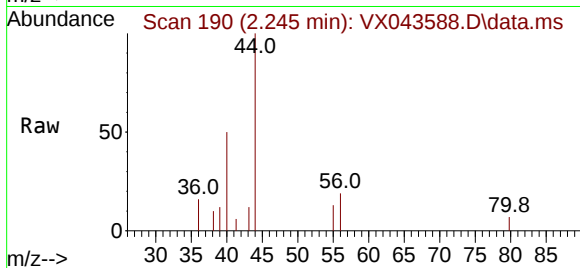
ClientSampleId :

Tgt Ion: 56 Resp: 120

Ion Ratio Lower Upper

56 100

55 122.5 55.3 82.9#



#15

Acrylonitrile

Concen: 0.452 ug/l

RT: 3.075 min Scan# 326

Delta R.T. 0.000 min

Lab File: VX043588.D

Acq: 29 Oct 2024 11:43

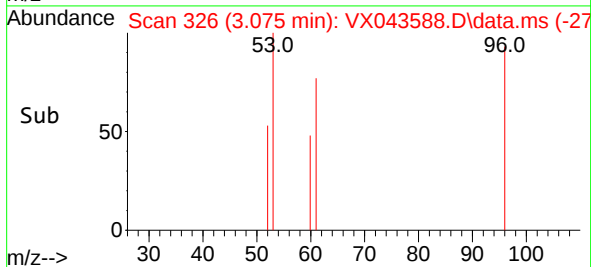
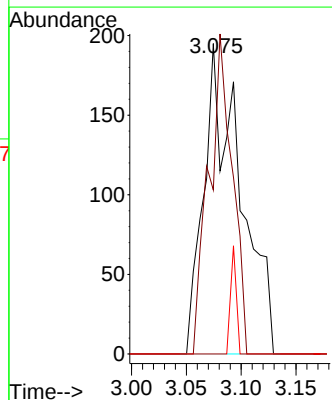
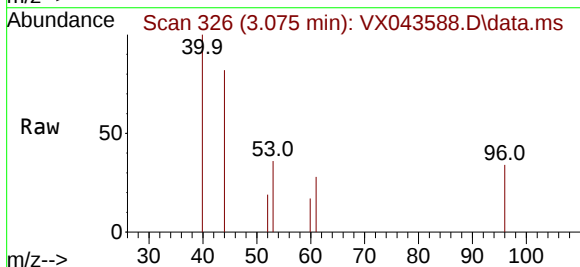
Tgt Ion: 53 Resp: 449

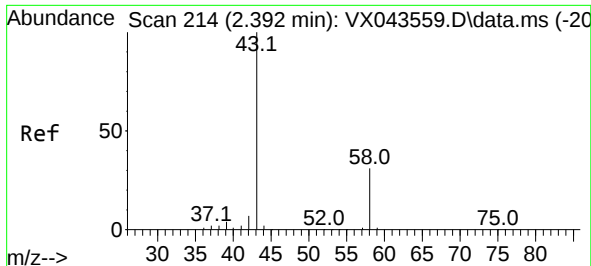
Ion Ratio Lower Upper

53 100

52 66.4 65.8 98.6

51 5.6 28.5 42.7#

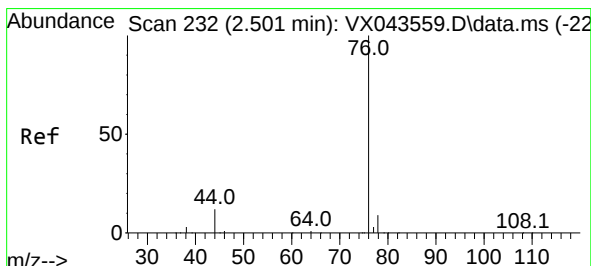
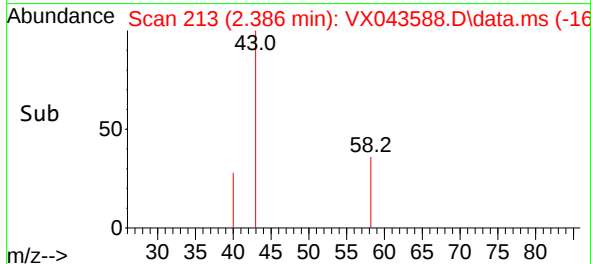
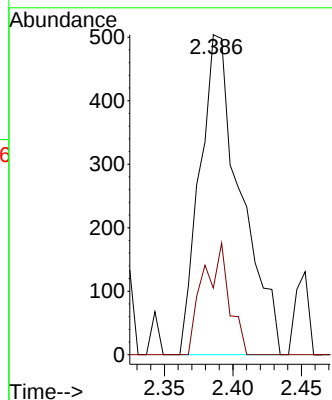
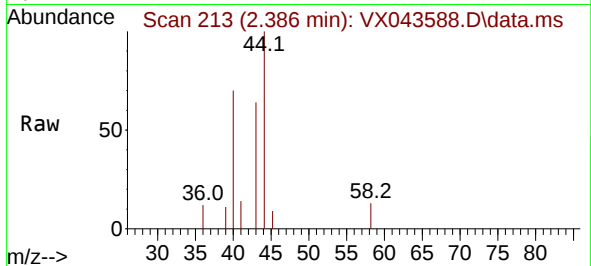




#16
Acetone
Concen: 1.118 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX043588.D
Acq: 29 Oct 2024 11:43

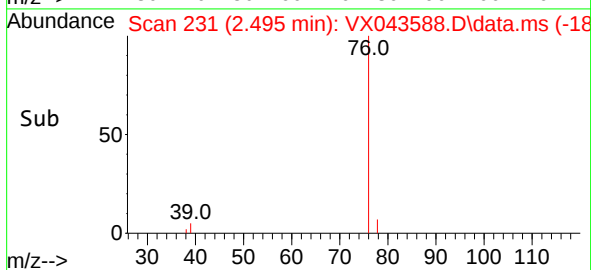
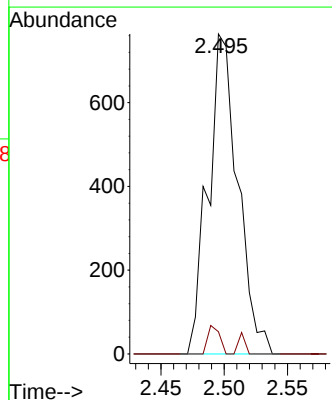
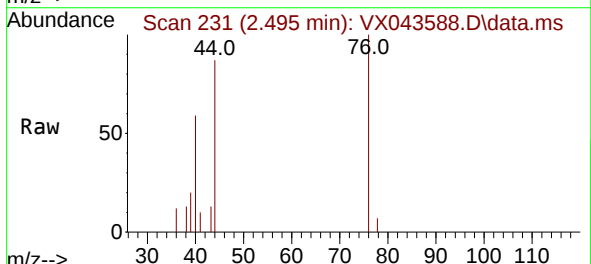
Instrument :
MSVOA_X
ClientSampleId :

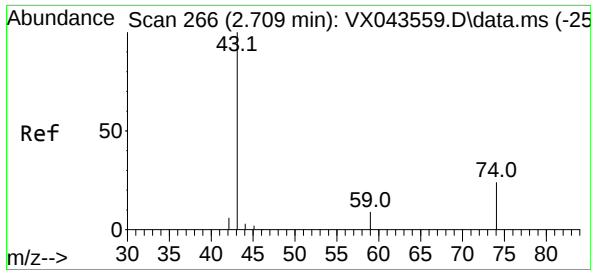
Tgt Ion: 43 Resp: 1047
Ion Ratio Lower Upper
43 100
58 20.8 25.1 37.7#



#17
Carbon Disulfide
Concen: 0.377 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.000 min
Lab File: VX043588.D
Acq: 29 Oct 2024 11:43

Tgt Ion: 76 Resp: 1248
Ion Ratio Lower Upper
76 100
78 6.9 7.1 10.7#

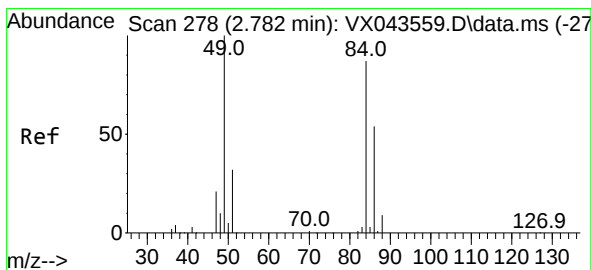
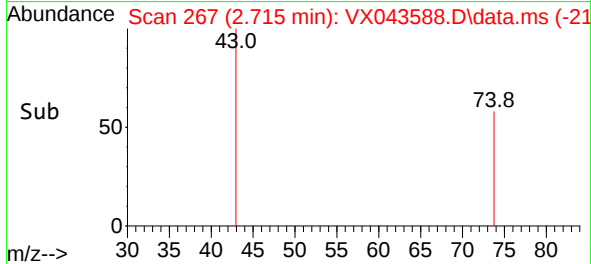
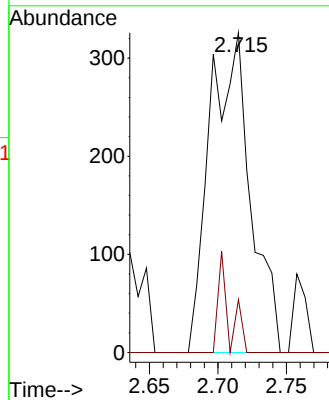
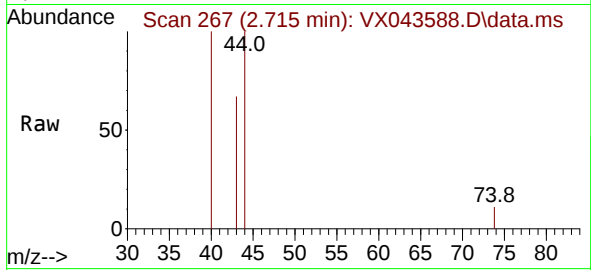




#18
Methyl Acetate
Concen: 0.247 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX043588.D
Acq: 29 Oct 2024 11:43

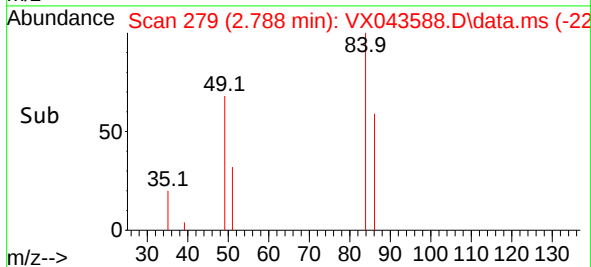
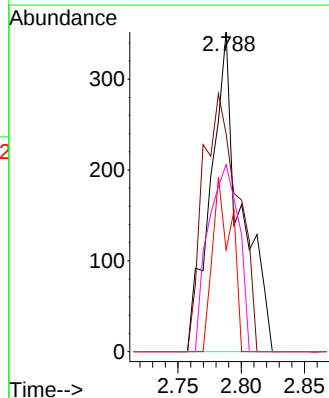
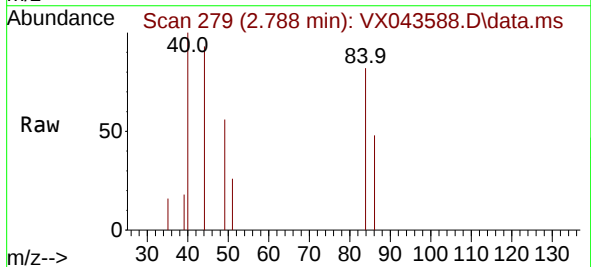
Instrument :
MSVOA_X
ClientSampleId :

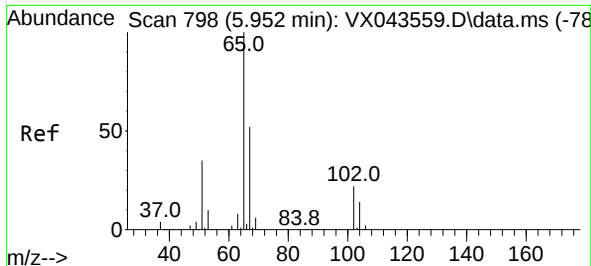
Tgt Ion: 43 Resp: 675
Ion Ratio Lower Upper
43 100
74 8.4 19.1 28.7#



#20
Methylene Chloride
Concen: 0.288 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX043588.D
Acq: 29 Oct 2024 11:43

Tgt Ion: 84 Resp: 582
Ion Ratio Lower Upper
84 100
49 68.2 97.0 145.6#
51 31.8 29.8 44.8
86 58.5 53.1 79.7





#33

1,2-Dichloroethane-d4

Concen: 42.791 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX043588.D

Acq: 29 Oct 2024 11:43

Instrument :

MSVOA_X

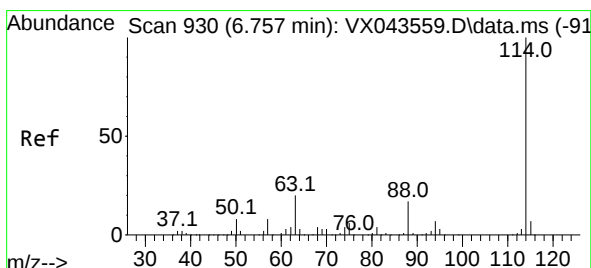
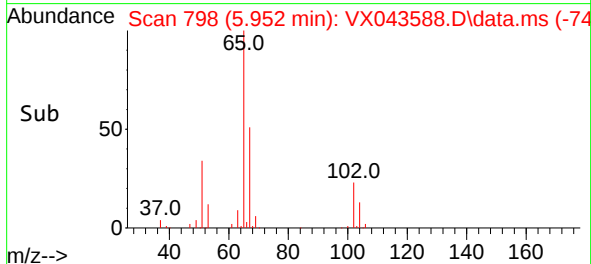
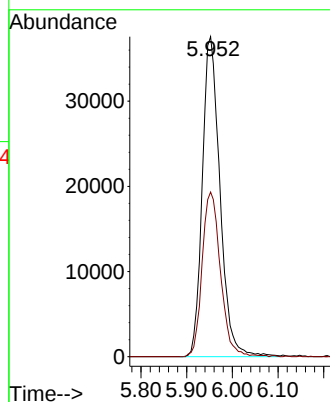
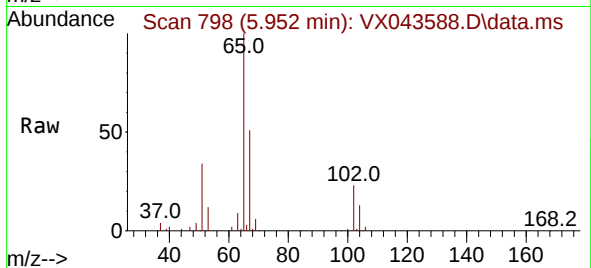
ClientSampleId :

Tgt Ion: 65 Resp: 100941

Ion Ratio Lower Upper

65 100

67 53.3 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: VX043588.D

Acq: 29 Oct 2024 11:43

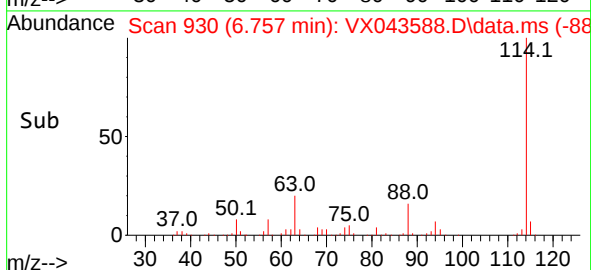
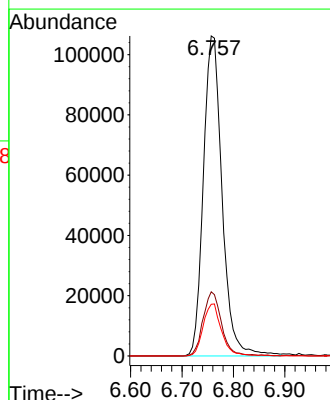
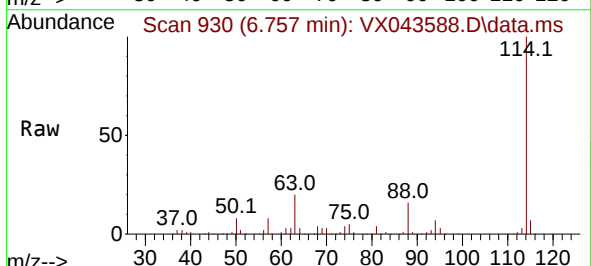
Tgt Ion: 114 Resp: 269235

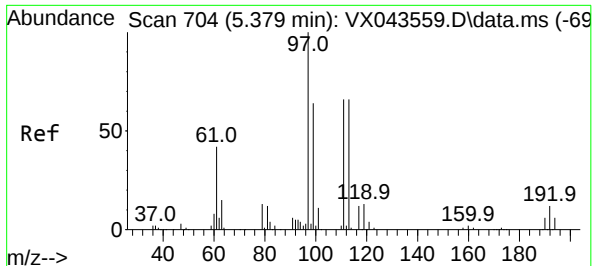
Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.2

88 16.2 0.0 34.0





#35

Dibromofluoromethane

Concen: 45.479 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.000 min

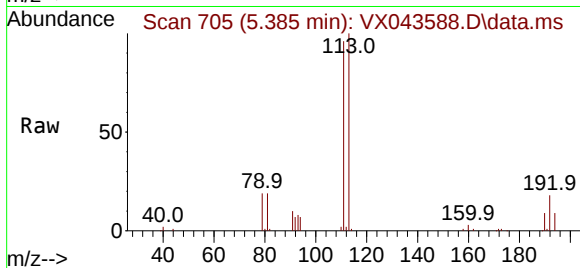
Lab File: VX043588.D

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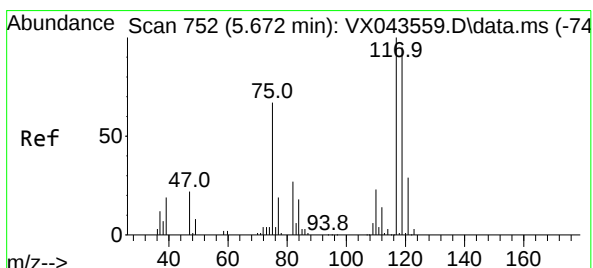
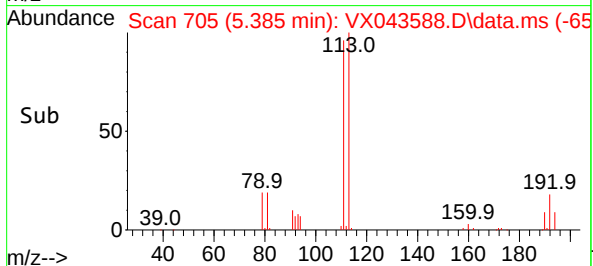
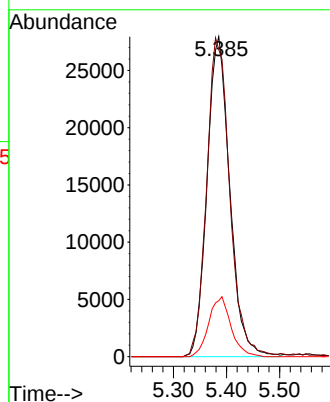
Tgt Ion:113 Resp: 83029

Ion Ratio Lower Upper

113 100

111 101.2 81.4 122.0

192 18.4 14.1 21.1



#38

Carbon Tetrachloride

Concen: 6.268 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX043588.D

Acq: 29 Oct 2024 11:43

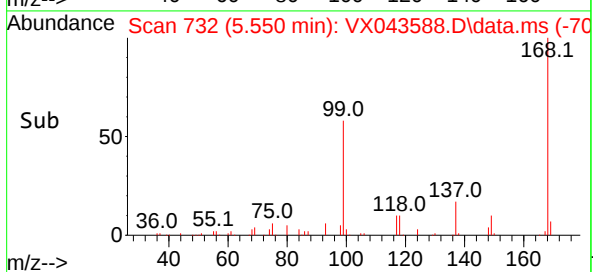
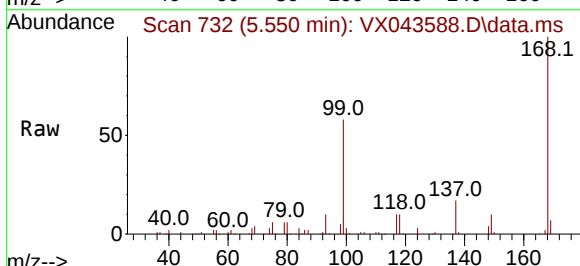
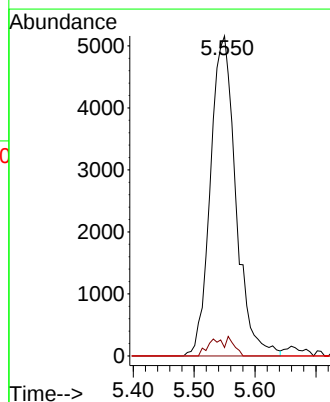
Tgt Ion:117 Resp: 14992

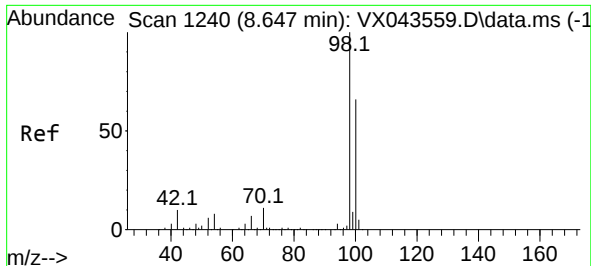
Ion Ratio Lower Upper

117 100

119 2.7 77.0 115.6#

121 0.0 24.7 37.1#

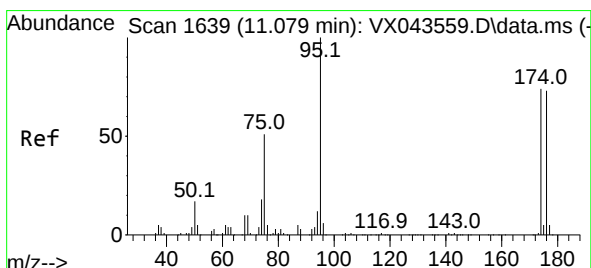
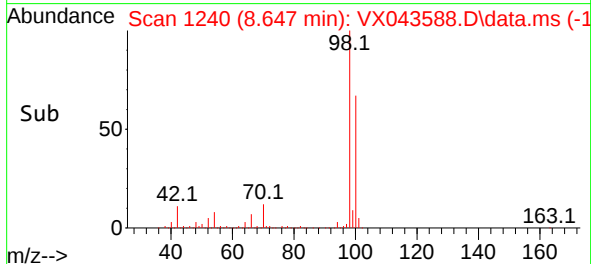
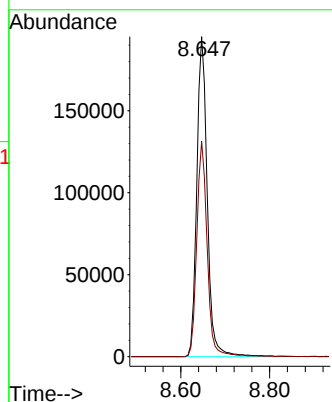
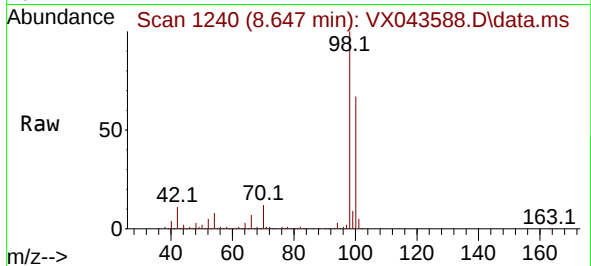




#50
Toluene-d8
Concen: 50.459 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043588.D
Acq: 29 Oct 2024 11:43

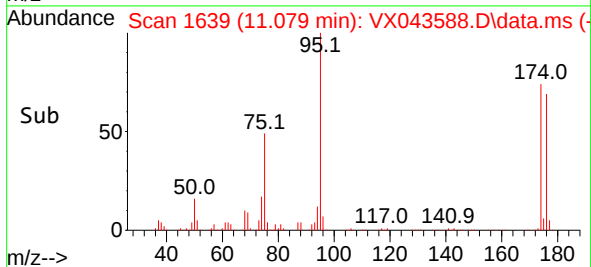
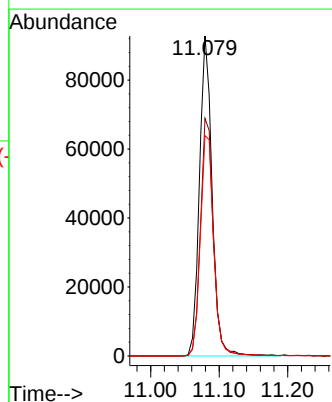
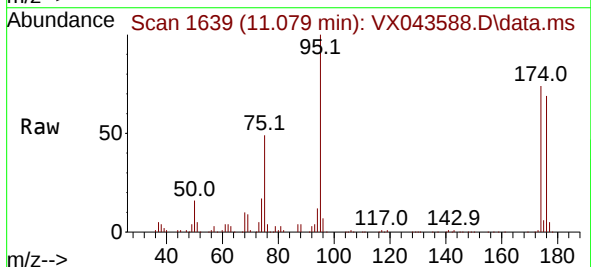
Instrument :
MSVOA_X
ClientSampleId :

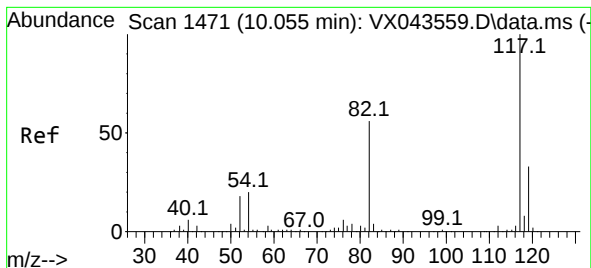
Tgt Ion: 98 Resp: 318894
Ion Ratio Lower Upper
98 100
100 67.0 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 50.906 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043588.D
Acq: 29 Oct 2024 11:43

Tgt Ion: 95 Resp: 119213
Ion Ratio Lower Upper
95 100
174 75.8 0.0 146.6
176 72.9 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: VX043588.D

Acq: 29 Oct 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

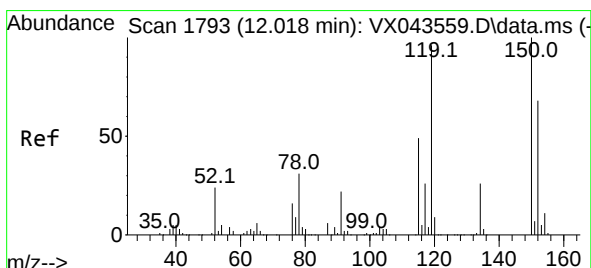
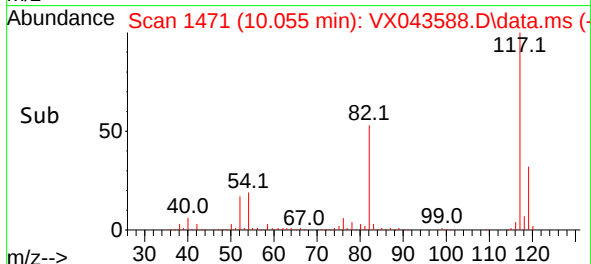
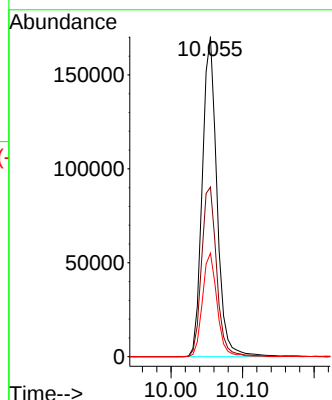
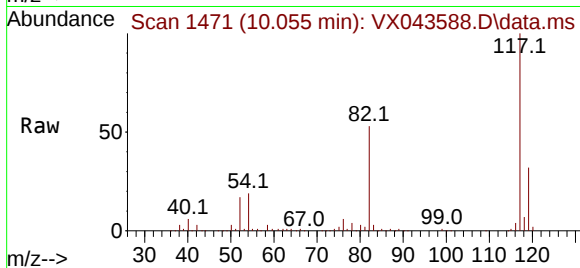
Tgt Ion:117 Resp: 243522

Ion Ratio Lower Upper

117 100

82 53.0 42.1 63.1

119 32.3 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: VX043588.D

Acq: 29 Oct 2024 11:43

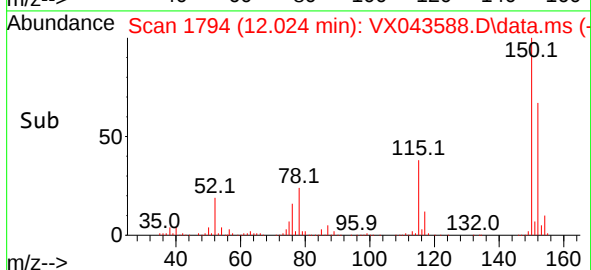
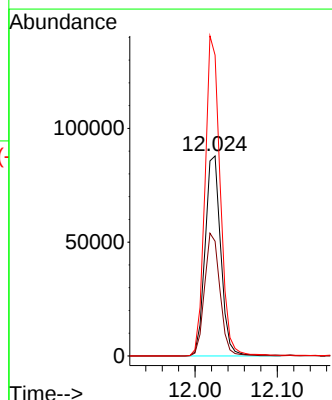
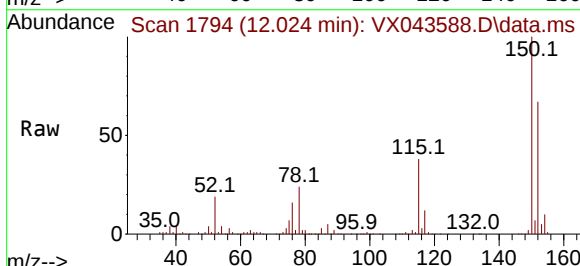
Tgt Ion:152 Resp: 116639

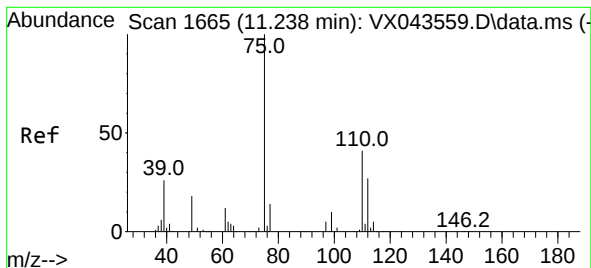
Ion Ratio Lower Upper

152 100

115 60.3 42.9 128.7

150 155.2 0.0 343.6





#76

1,2,3-Trichloropropane

Concen: 23.677 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX043588.D

Acq: 29 Oct 2024 11:43

Instrument :

MSVOA_X

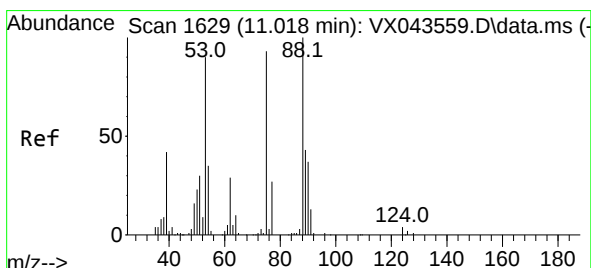
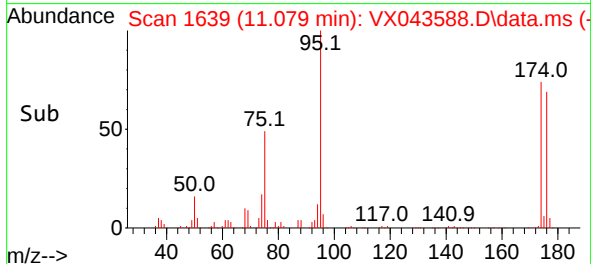
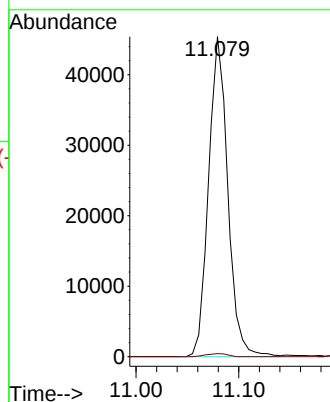
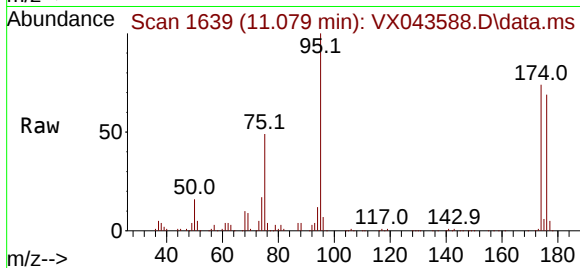
ClientSampleId :

Tgt Ion: 75 Resp: 59049

Ion Ratio Lower Upper

75 100

77 1.0 22.4 67.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.137 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX043588.D

Acq: 29 Oct 2024 11:43

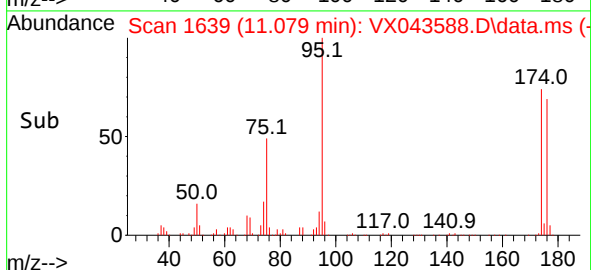
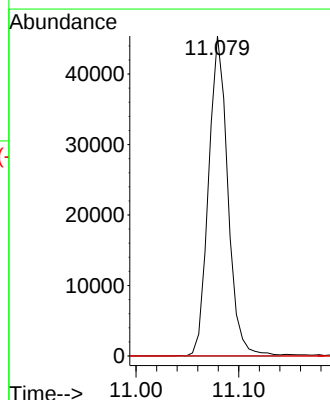
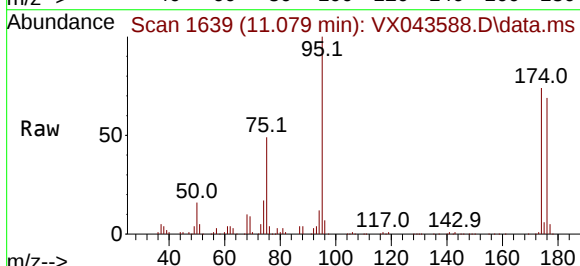
Tgt Ion: 75 Resp: 59049

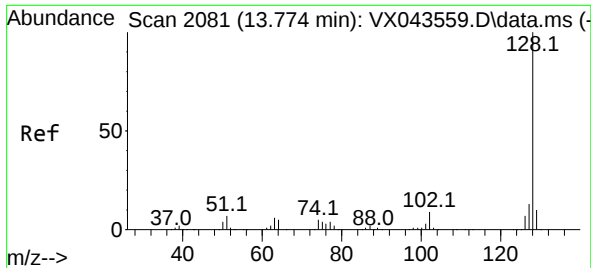
Ion Ratio Lower Upper

75 100

53 0.0 84.6 126.8#

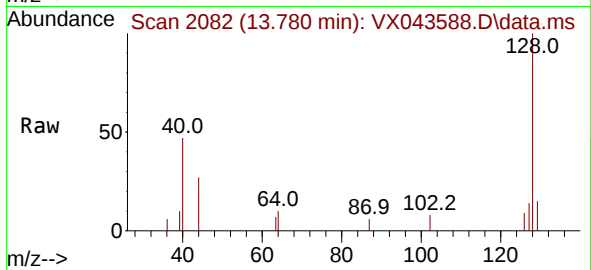
89 0.0 38.6 58.0#





#95
Naphthalene
Concen: 0.222 ug/l
RT: 13.780 min Scan# 2019
Delta R.T. 0.006 min
Lab File: VX043588.D
Acq: 29 Oct 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 2019
Ion Ratio Lower Upper
128 100
127 10.6 10.2 15.4
129 5.4 8.7 13.1#

