

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120924\
 Data File : VX044186.D
 Acq On : 09 Dec 2024 14:30
 Operator : JC/MD
 Sample : P5164-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 10 01:42:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

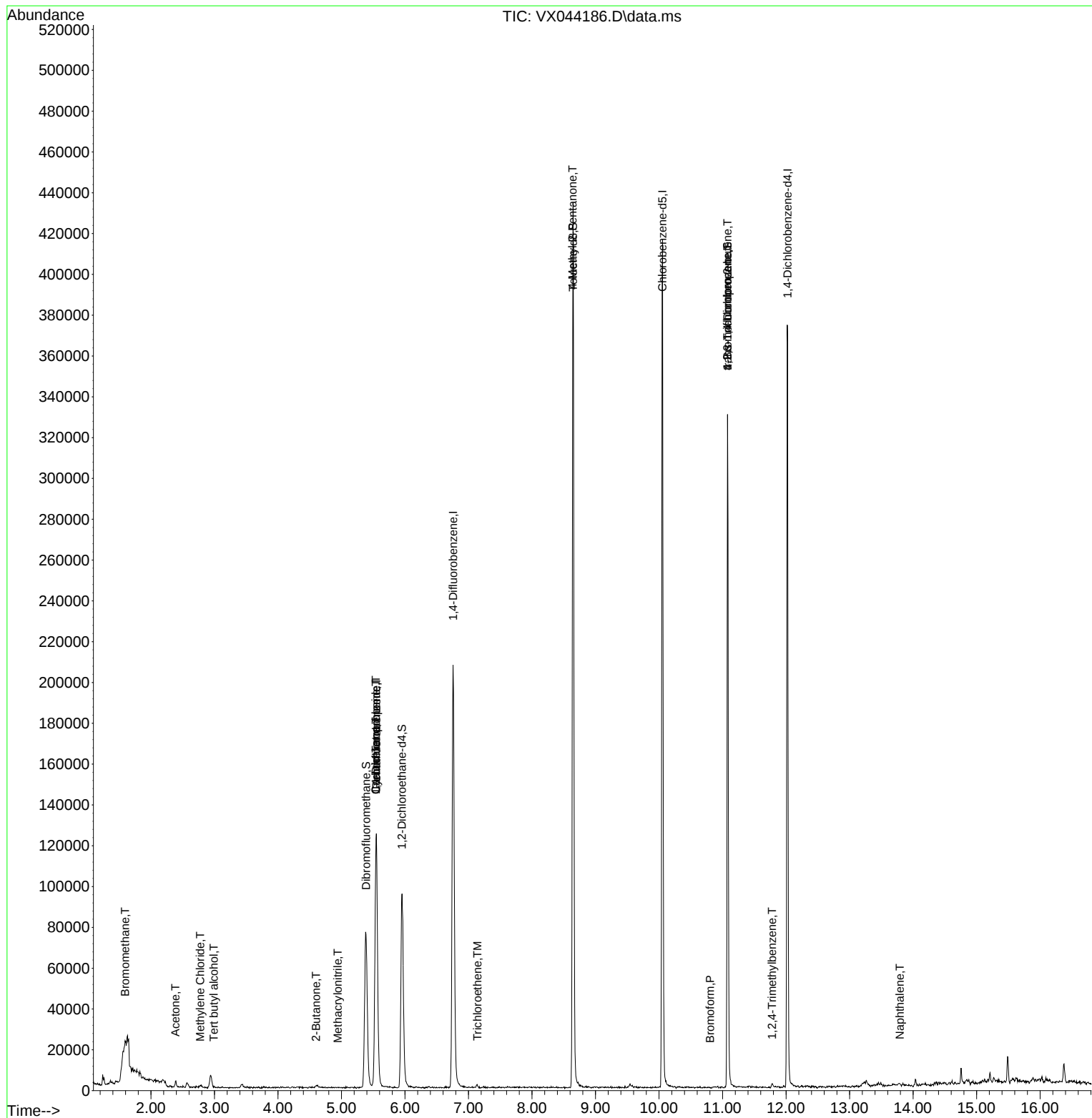
Internal Standards						
1) Pentafluorobenzene	5.550	168	105637	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	204810	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96390	53.200	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.400%			
35) Dibromofluoromethane	5.385	113	65368	44.666	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 89.340%			
50) Toluene-d8	8.647	98	251001	49.755	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.520%			
62) 4-Bromofluorobenzene	11.079	95	85098	49.566	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.140%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	514	0.558	ug/l #	69
11) Tert butyl alcohol	2.989	59	250	0.860	ug/l #	73
16) Acetone	2.386	43	2612	3.139	ug/l #	89
20) Methylene Chloride	2.776	84	630	0.446	ug/l #	66
25) 2-Butanone	4.599	43	717	0.668	ug/l #	50
31) Cyclohexane	5.544	56	3345	1.656	ug/l #	26
36) 1,1-Dichloropropene	5.544	75	9997	5.482	ug/l #	50
38) Carbon Tetrachloride	5.544	117	12412	6.057	ug/l #	17
41) Methacrylonitrile	4.940	41	245	0.211	ug/l #	34
44) Trichloroethene	7.141	130	519	0.323	ug/l	64
51) 4-Methyl-2-Pentanone	8.641	43	1332	0.606	ug/l #	1
71) Bromoform	10.805	173	87	1.296	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	48790	29.952	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	48790	81.731	ug/l #	6
84) 1,2,4-Trimethylbenzene	11.780	105	947	0.202	ug/l #	32
95) Naphthalene	13.792	128	1212	0.228	ug/l #	81

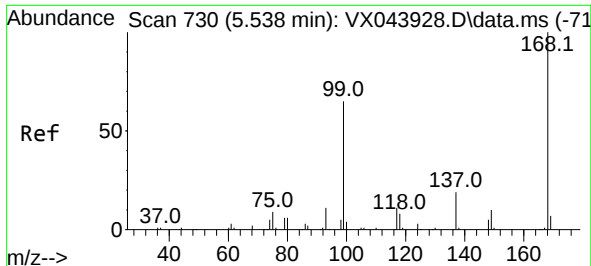
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
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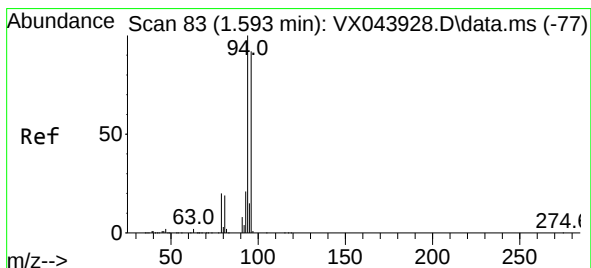
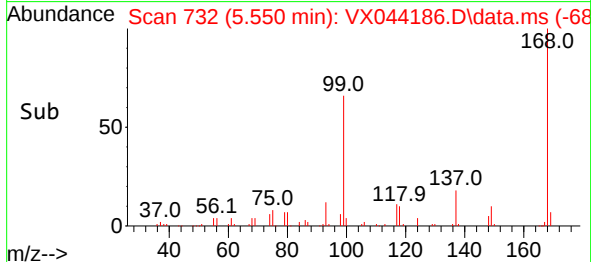
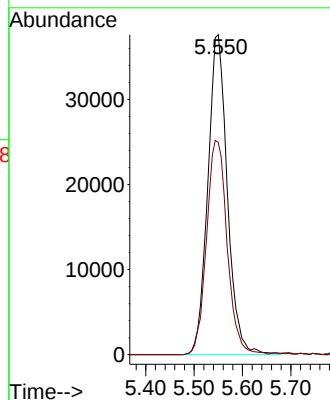
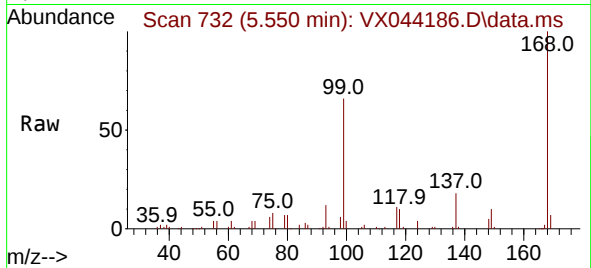




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX044186.D
Acq: 09 Dec 2024 14:30

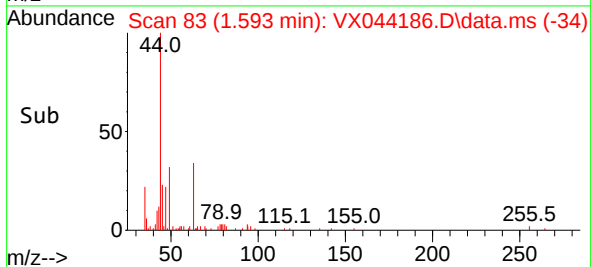
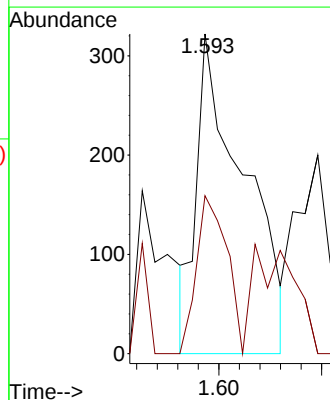
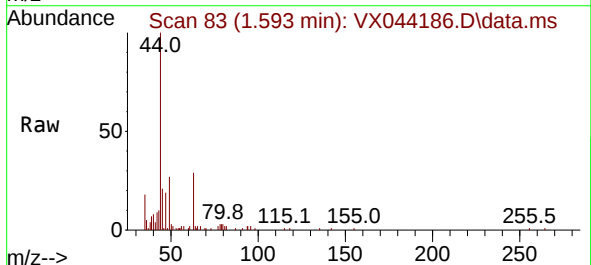
Instrument :
MSVOA_X
ClientSampleId :

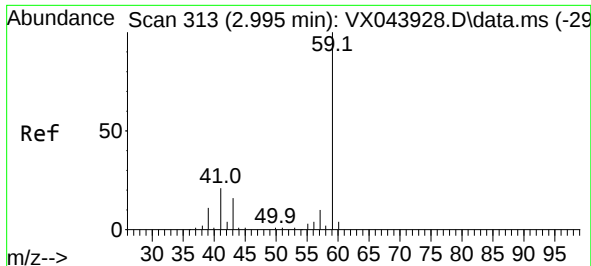
Tgt Ion:168 Resp: 105637
Ion Ratio Lower Upper
168 100
99 66.3 51.8 77.8



#5
Bromomethane
Concen: 0.558 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX044186.D
Acq: 09 Dec 2024 14:30

Tgt Ion: 94 Resp: 514
Ion Ratio Lower Upper
94 100
96 62.6 73.9 110.9#





#11

Tert butyl alcohol

Concen: 0.860 ug/l

RT: 2.989 min Scan# 313

Delta R.T. -0.006 min

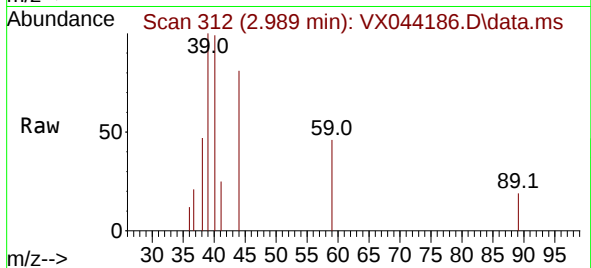
Lab File: VX044186.D

Acq: 09 Dec 2024 14:30

Instrument :

MSVOA_X

ClientSampleId :

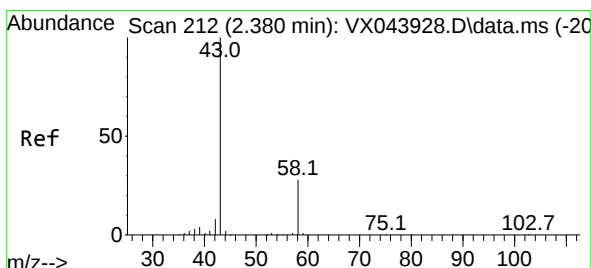
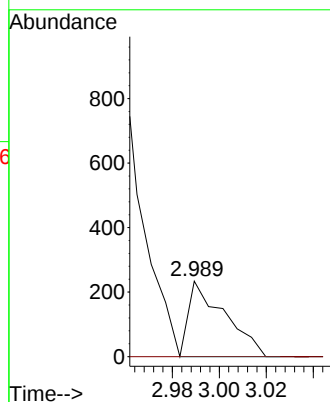
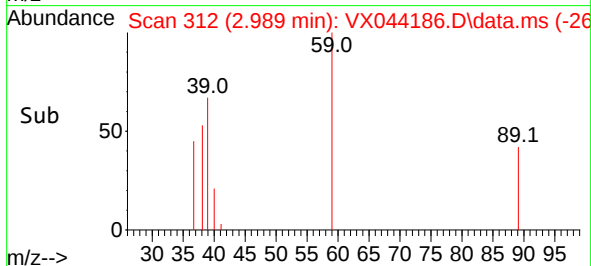


Tgt Ion: 59 Resp: 250

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



#16

Acetone

Concen: 3.139 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX044186.D

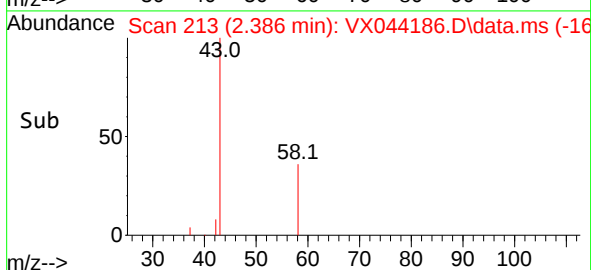
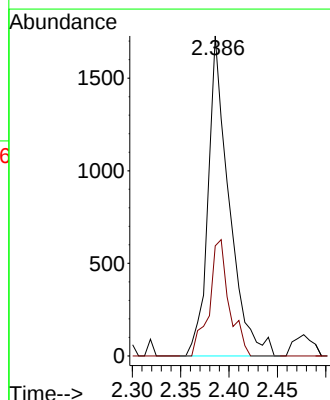
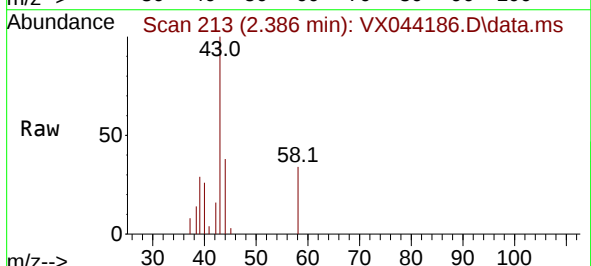
Acq: 09 Dec 2024 14:30

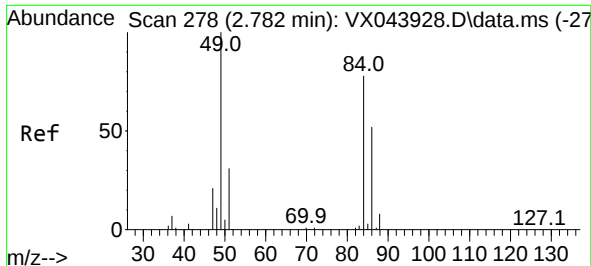
Tgt Ion: 43 Resp: 2612

Ion Ratio Lower Upper

43 100

58 34.4 22.7 34.1#





#20

Methylene Chloride

Concen: 0.446 ug/l

RT: 2.776 min Scan# 21

Delta R.T. -0.006 min

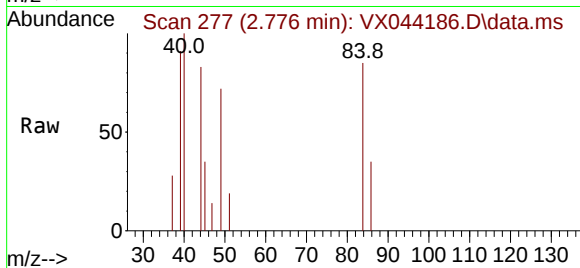
Lab File: VX044186.D

Acq: 09 Dec 2024 14:30

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 630

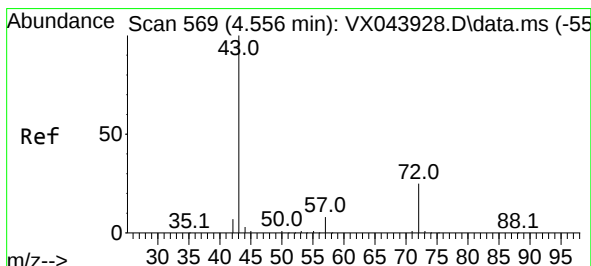
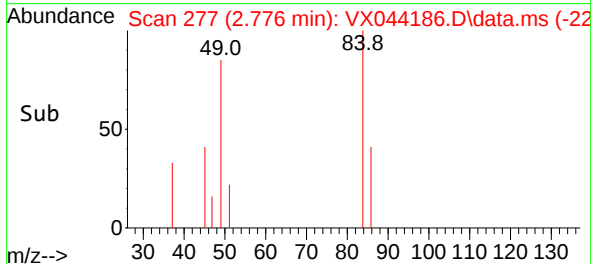
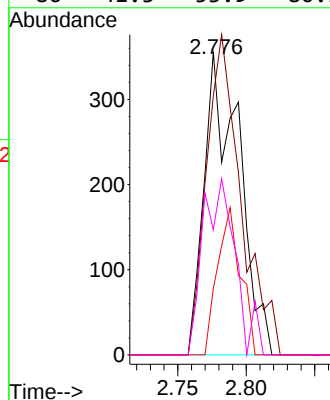
Ion Ratio Lower Upper

84 100

49 85.4 102.7 154.1#

51 21.9 31.7 47.5#

86 41.3 53.9 80.9#



#25

2-Butanone

Concen: 0.668 ug/l

RT: 4.599 min Scan# 576

Delta R.T. 0.043 min

Lab File: VX044186.D

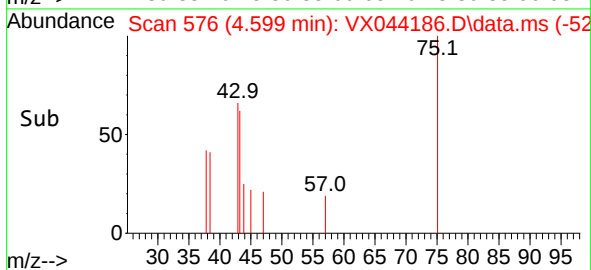
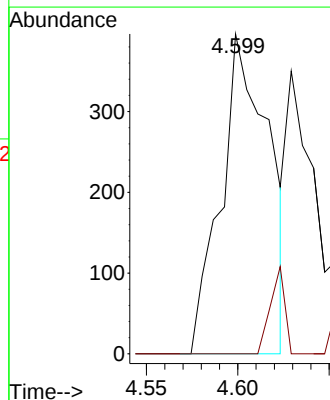
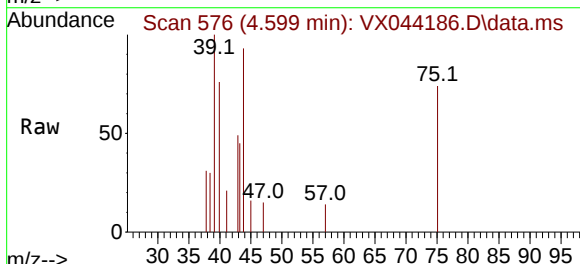
Acq: 09 Dec 2024 14:30

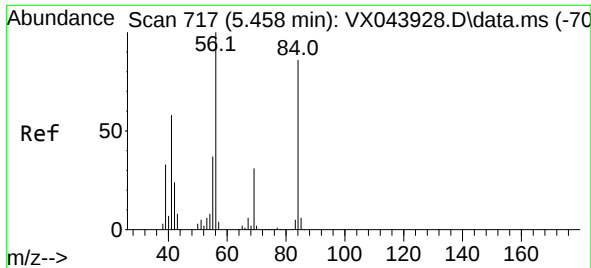
Tgt Ion: 43 Resp: 717

Ion Ratio Lower Upper

43 100

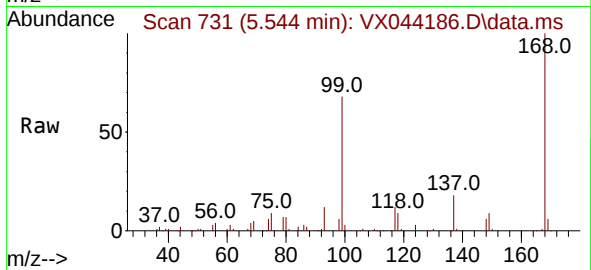
72 0.0 20.2 30.2#



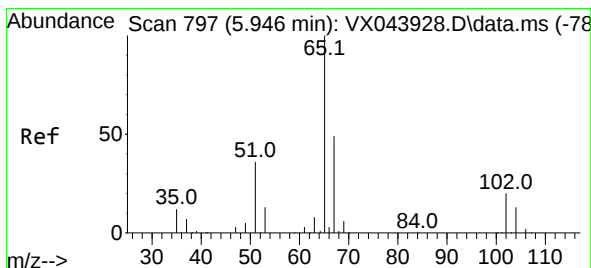
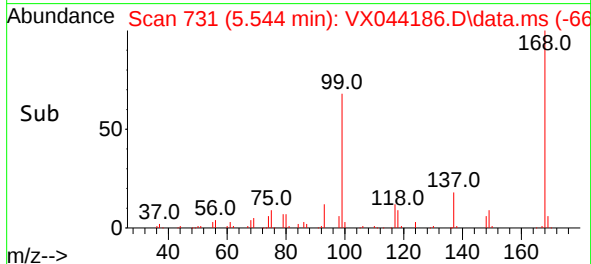
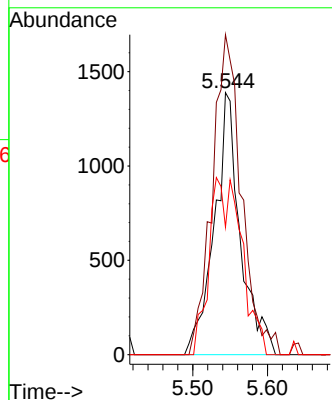


#31
Cyclohexane
Concen: 1.656 ug/l
RT: 5.544 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX044186.D
Acq: 09 Dec 2024 14:30

Instrument :
MSVOA_X
ClientSampleId :

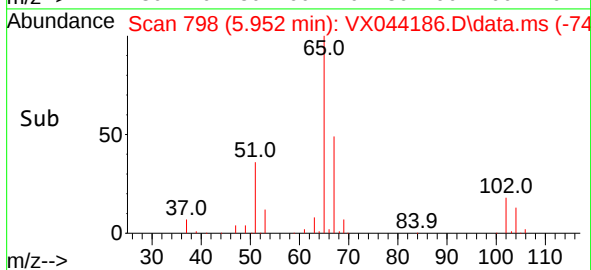
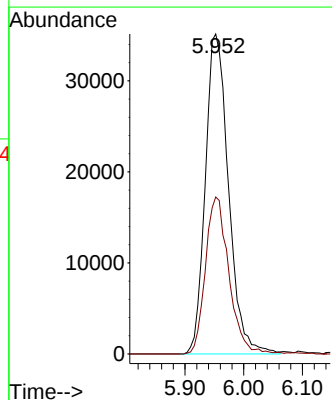
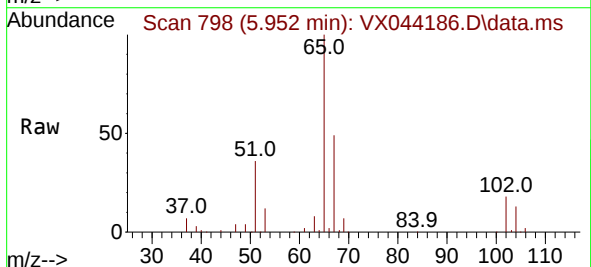


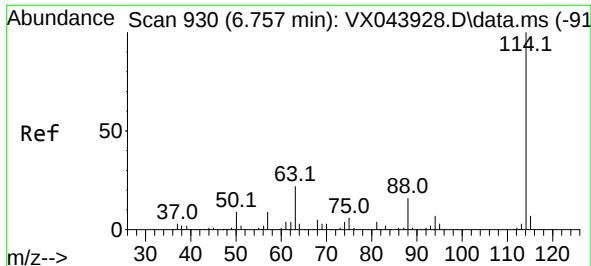
Tgt Ion: 56 Resp: 3345
Ion Ratio Lower Upper
56 100
69 122.1 24.7 37.1#
84 48.7 68.7 103.1#



#33
1,2-Dichloroethane-d4
Concen: 53.200 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX044186.D
Acq: 09 Dec 2024 14:30

Tgt Ion: 65 Resp: 96390
Ion Ratio Lower Upper
65 100
67 49.5 0.0 100.8

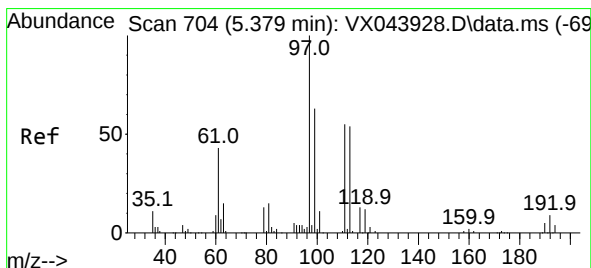
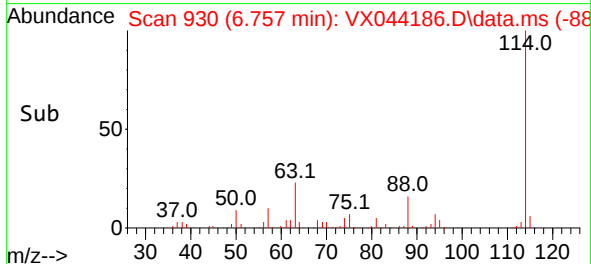
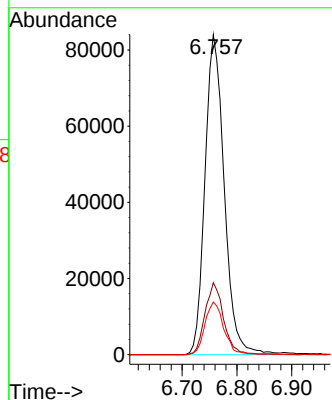
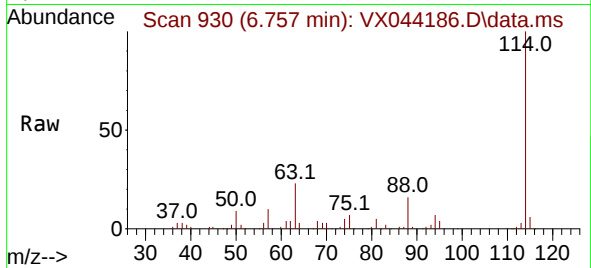




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044186.D
Acq: 09 Dec 2024 14:30

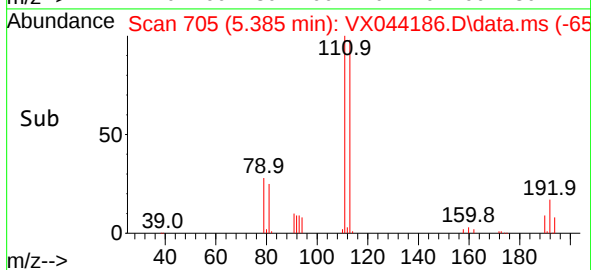
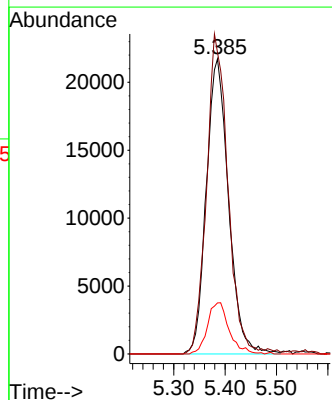
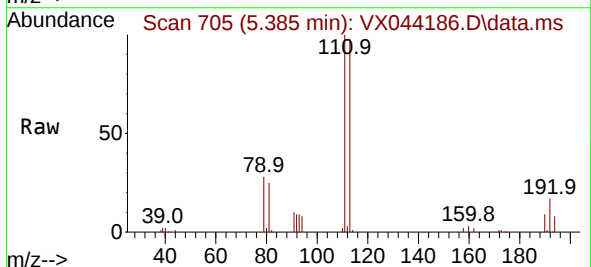
Instrument :
MSVOA_X
ClientSampleId :

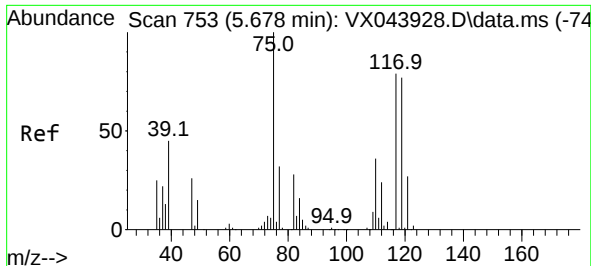
Tgt Ion:114 Resp: 204810
Ion Ratio Lower Upper
114 100
63 22.5 0.0 44.0
88 16.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 44.666 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX044186.D
Acq: 09 Dec 2024 14:30

Tgt Ion:113 Resp: 65368
Ion Ratio Lower Upper
113 100
111 103.7 81.0 121.4
192 16.9 13.0 19.6





#36

1,1-Dichloropropene

Concen: 5.482 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX044186.D

Acq: 09 Dec 2024 14:30

Instrument :

MSVOA_X

ClientSampleId :

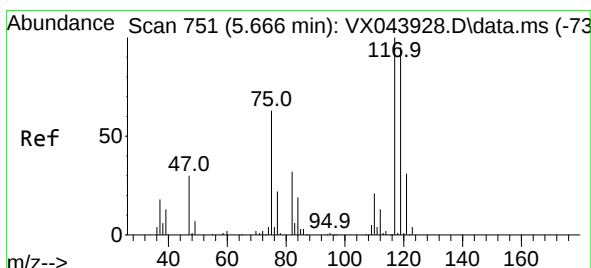
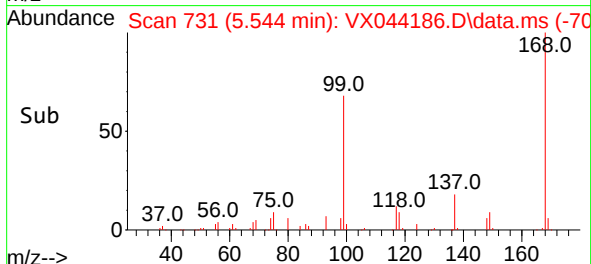
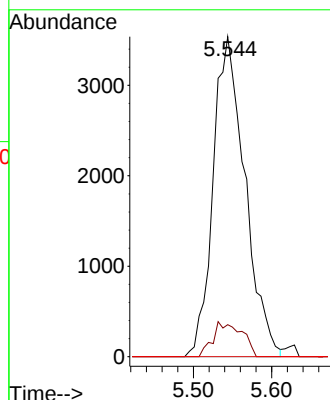
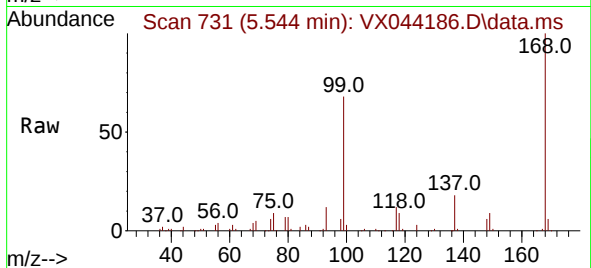
Tgt Ion: 75 Resp: 9997

Ion Ratio Lower Upper

75 100

110 9.9 17.4 52.2#

77 0.0 25.8 38.8#



#38

Carbon Tetrachloride

Concen: 6.057 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.122 min

Lab File: VX044186.D

Acq: 09 Dec 2024 14:30

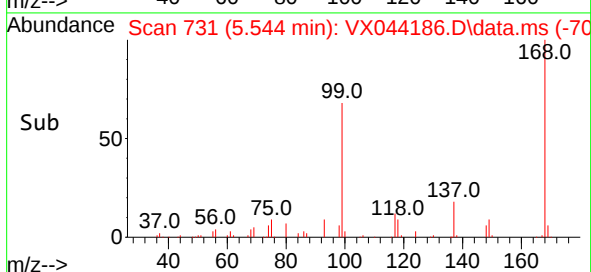
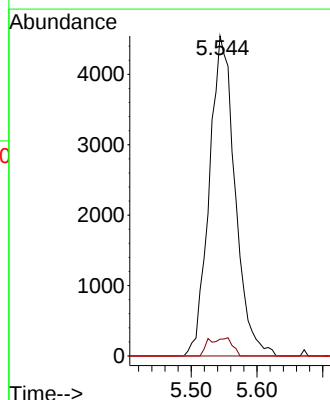
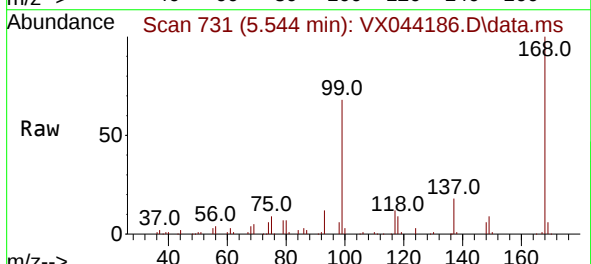
Tgt Ion: 117 Resp: 12412

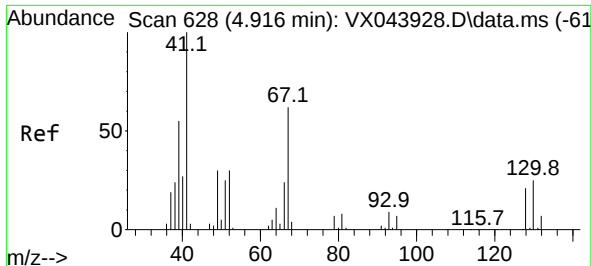
Ion Ratio Lower Upper

117 100

119 5.3 75.2 112.8#

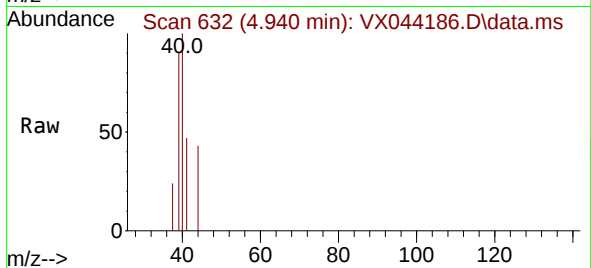
121 0.0 24.5 36.7#



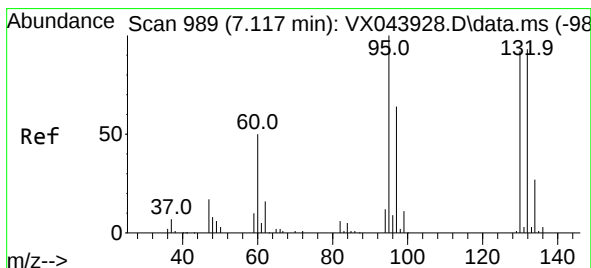
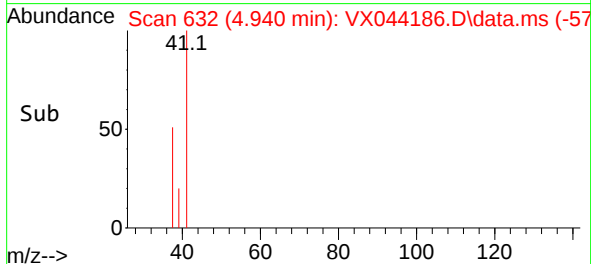
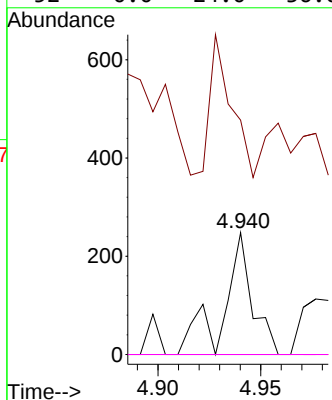


#41
Methacrylonitrile
Concen: 0.211 ug/l
RT: 4.940 min Scan# 61
Delta R.T. 0.024 min
Lab File: VX044186.D
Acq: 09 Dec 2024 14:30

Instrument :
MSVOA_X
ClientSampleId :

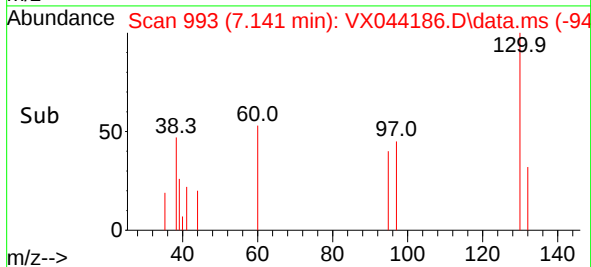
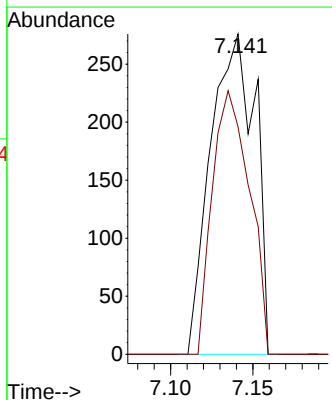
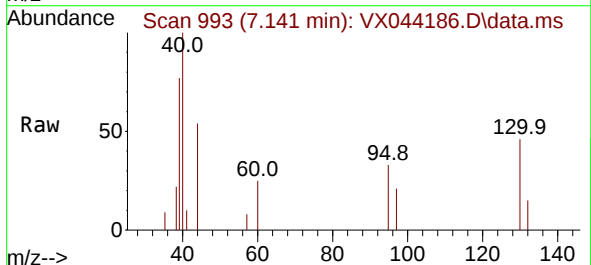


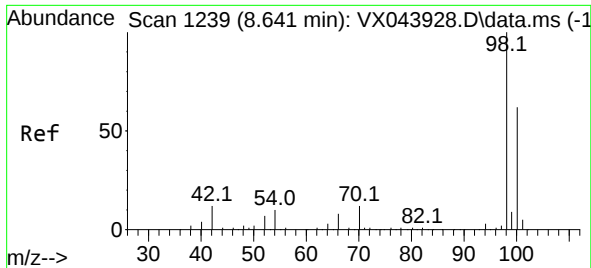
Tgt Ion:	41	Resp:	245
Ion	Ratio	Lower	Upper
41	100		
39	85.3	41.7	62.5#
67	0.0	55.8	83.8#
52	0.0	24.0	36.0#



#44
Trichloroethene
Concen: 0.323 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.024 min
Lab File: VX044186.D
Acq: 09 Dec 2024 14:30

Tgt Ion:	130	Resp:	519
Ion	Ratio	Lower	Upper
130	100		
95	71.0	0.0	217.8

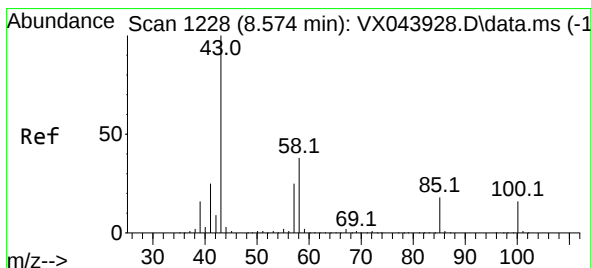
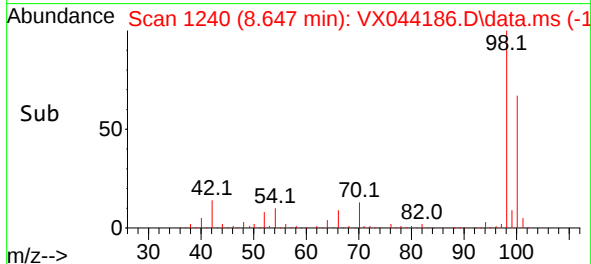
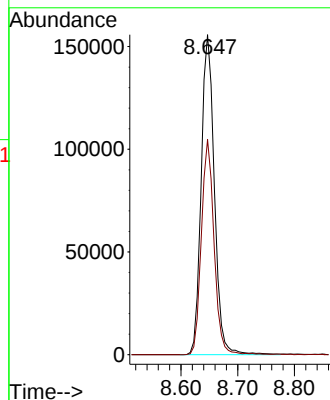
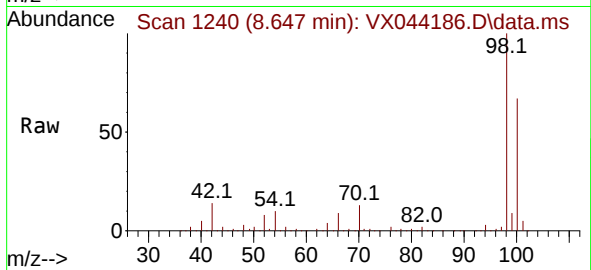




#50
Toluene-d8
Concen: 49.755 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044186.D
Acq: 09 Dec 2024 14:30

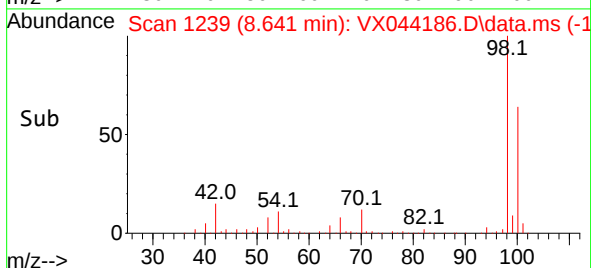
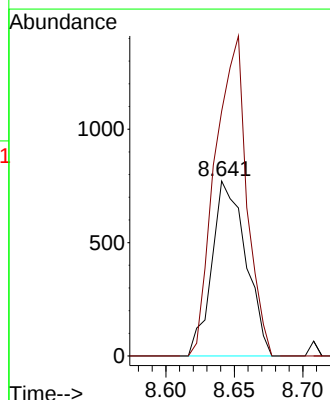
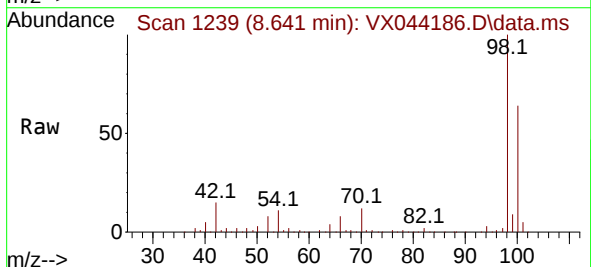
Instrument :
MSVOA_X
ClientSampleId :

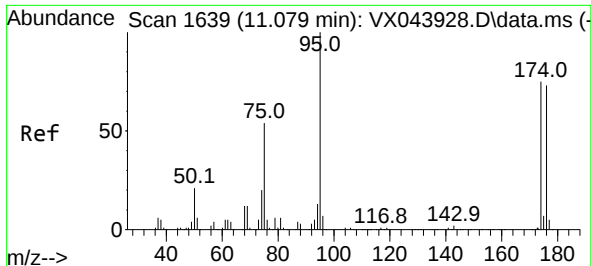
Tgt Ion: 98 Resp: 251001
Ion Ratio Lower Upper
98 100
100 64.8 52.6 79.0



#51
4-Methyl-2-Pentanone
Concen: 0.606 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX044186.D
Acq: 09 Dec 2024 14:30

Tgt Ion: 43 Resp: 1332
Ion Ratio Lower Upper
43 100
58 170.5 30.0 45.0#

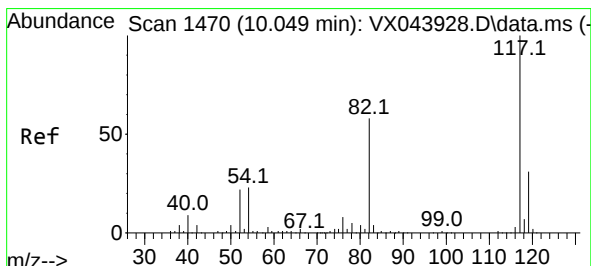
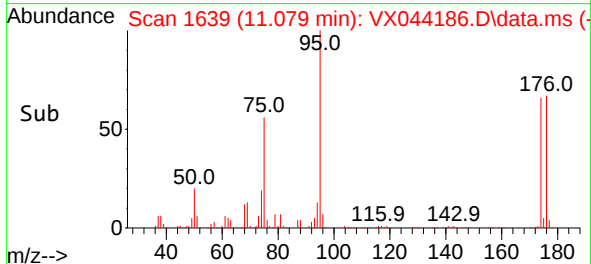
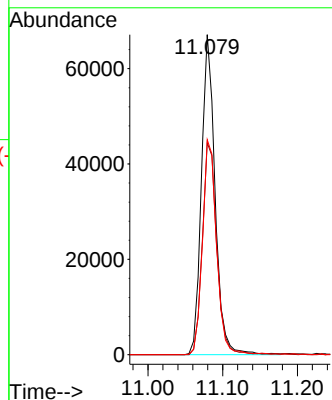
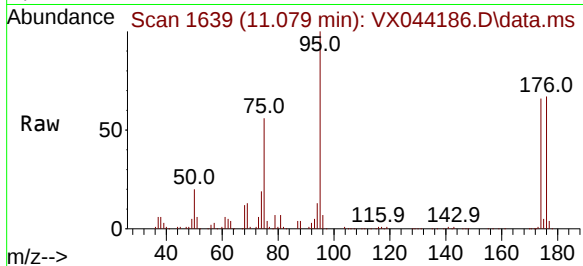




#62
4-Bromofluorobenzene
Concen: 49.566 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044186.D
Acq: 09 Dec 2024 14:30

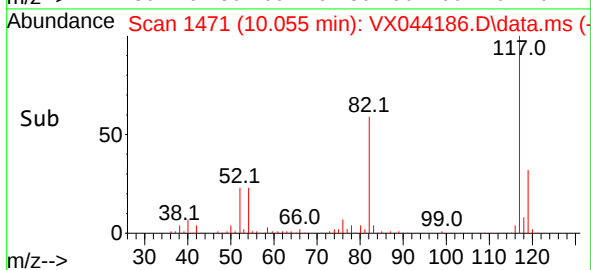
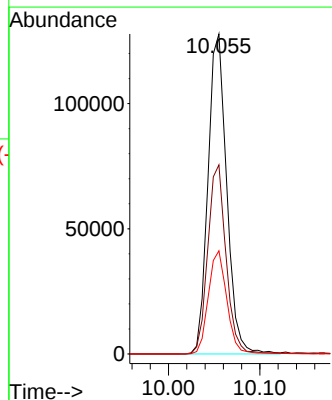
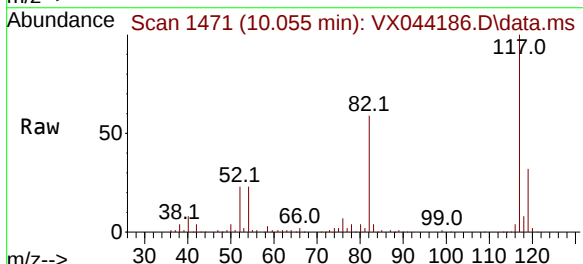
Instrument :
MSVOA_X
ClientSampleId :

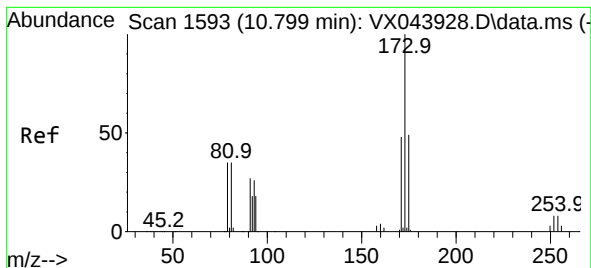
Tgt Ion: 95 Resp: 85098
Ion Ratio Lower Upper
95 100
174 70.0 0.0 150.4
176 69.2 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044186.D
Acq: 09 Dec 2024 14:30

Tgt Ion: 117 Resp: 181265
Ion Ratio Lower Upper
117 100
82 59.1 46.4 69.6
119 32.3 24.6 37.0





#71

Bromoform

Concen: 1.296 ug/l

RT: 10.805 min Scan# 1594

Delta R.T. 0.006 min

Lab File: VX044186.D

Acq: 09 Dec 2024 14:30

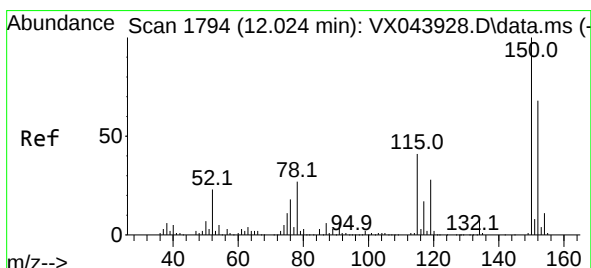
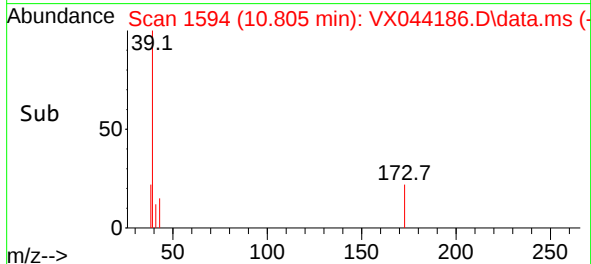
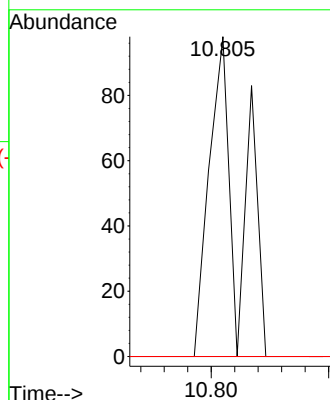
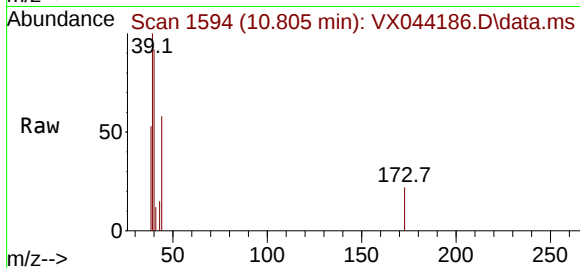
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:173 Resp: 87

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.1	72.2#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

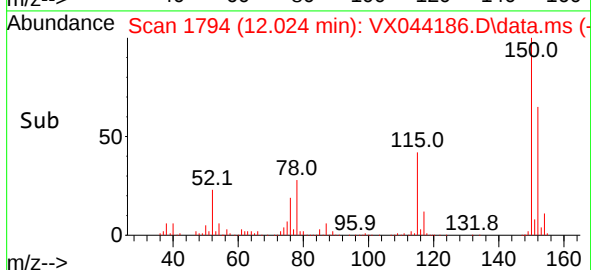
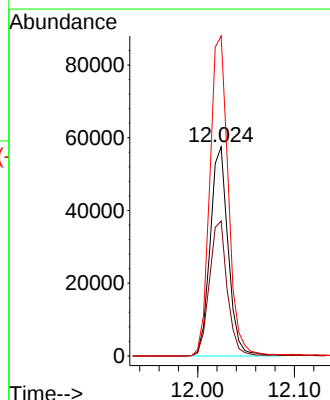
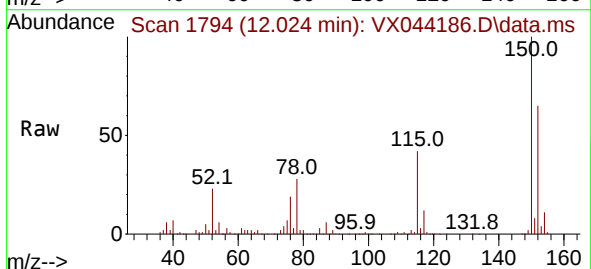
Delta R.T. -0.000 min

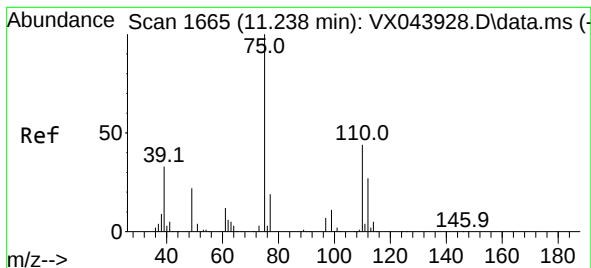
Lab File: VX044186.D

Acq: 09 Dec 2024 14:30

Tgt Ion:152 Resp: 74280

Ion	Ratio	Lower	Upper
152	100		
115	64.3	45.4	136.2
150	157.9	0.0	353.0





#76

1,2,3-Trichloropropane

Concen: 29.952 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX044186.D

Acq: 09 Dec 2024 14:30

Instrument :

MSVOA_X

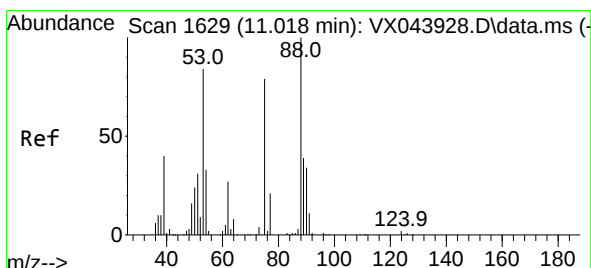
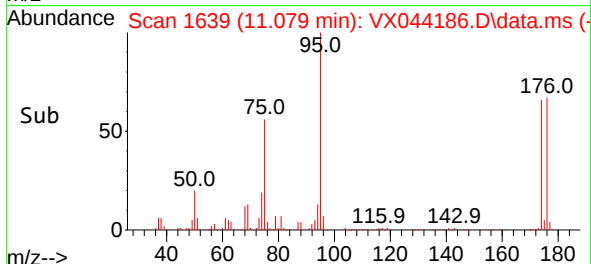
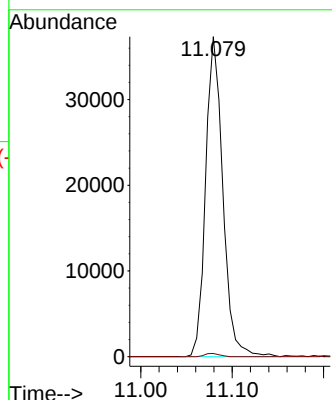
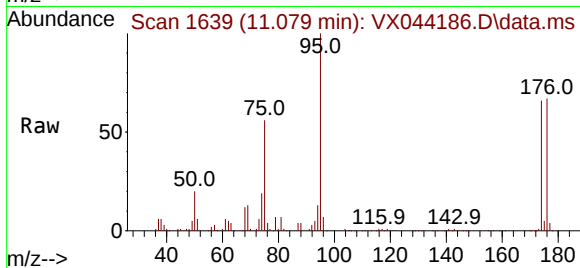
ClientSampleId :

Tgt Ion: 75 Resp: 48790

Ion Ratio Lower Upper

75 100

77 0.9 21.8 65.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 81.731 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX044186.D

Acq: 09 Dec 2024 14:30

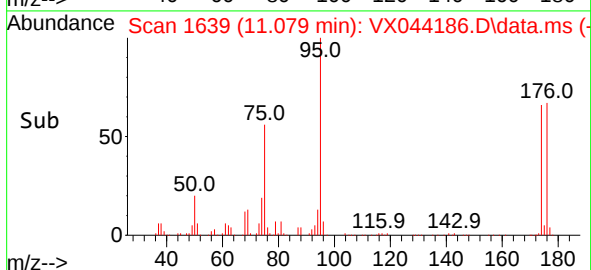
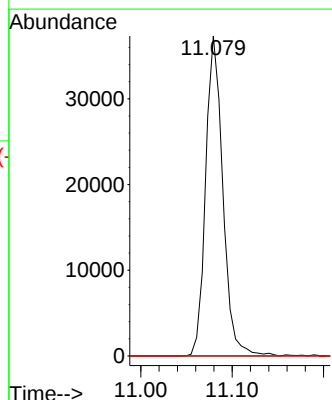
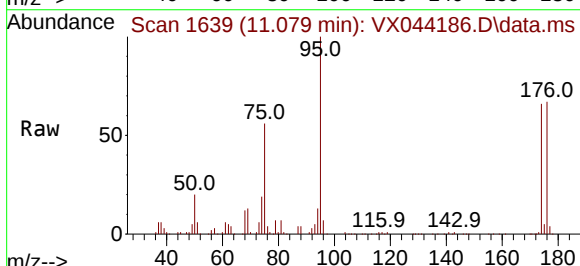
Tgt Ion: 75 Resp: 48790

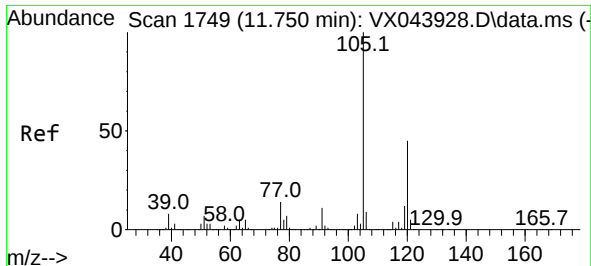
Ion Ratio Lower Upper

75 100

53 0.0 86.7 130.1#

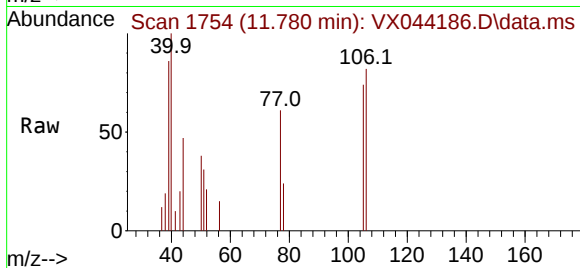
89 0.0 38.2 57.2#



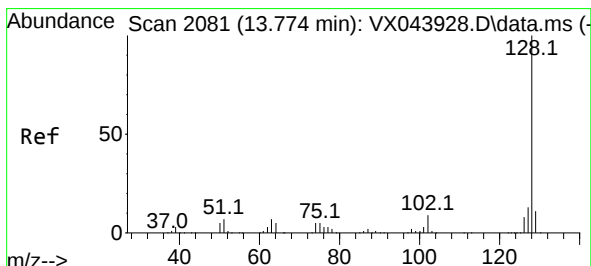
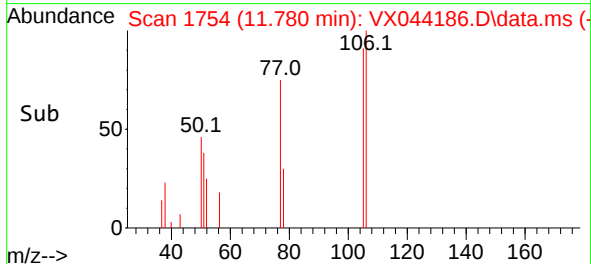
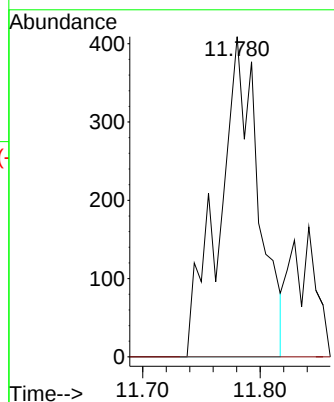


#84
 1,2,4-Trimethylbenzene
 Concen: 0.202 ug/l
 RT: 11.780 min Scan# 11
 Delta R.T. 0.030 min
 Lab File: VX044186.D
 Acq: 09 Dec 2024 14:30

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:105 Resp: 947
 Ion Ratio Lower Upper
 105 100
 120 0.0 21.9 65.7#



#95
 Naphthalene
 Concen: 0.228 ug/l
 RT: 13.792 min Scan# 2084
 Delta R.T. 0.018 min
 Lab File: VX044186.D
 Acq: 09 Dec 2024 14:30

Tgt Ion:128 Resp: 1212
 Ion Ratio Lower Upper
 128 100
 127 6.8 10.2 15.2#
 129 1.6 8.6 12.8#

