

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122024\
 Data File : VX044439.D
 Acq On : 20 Dec 2024 10:00
 Operator : JC/MD
 Sample : VX1220MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220MBL01

Quant Time: Dec 20 22:19:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

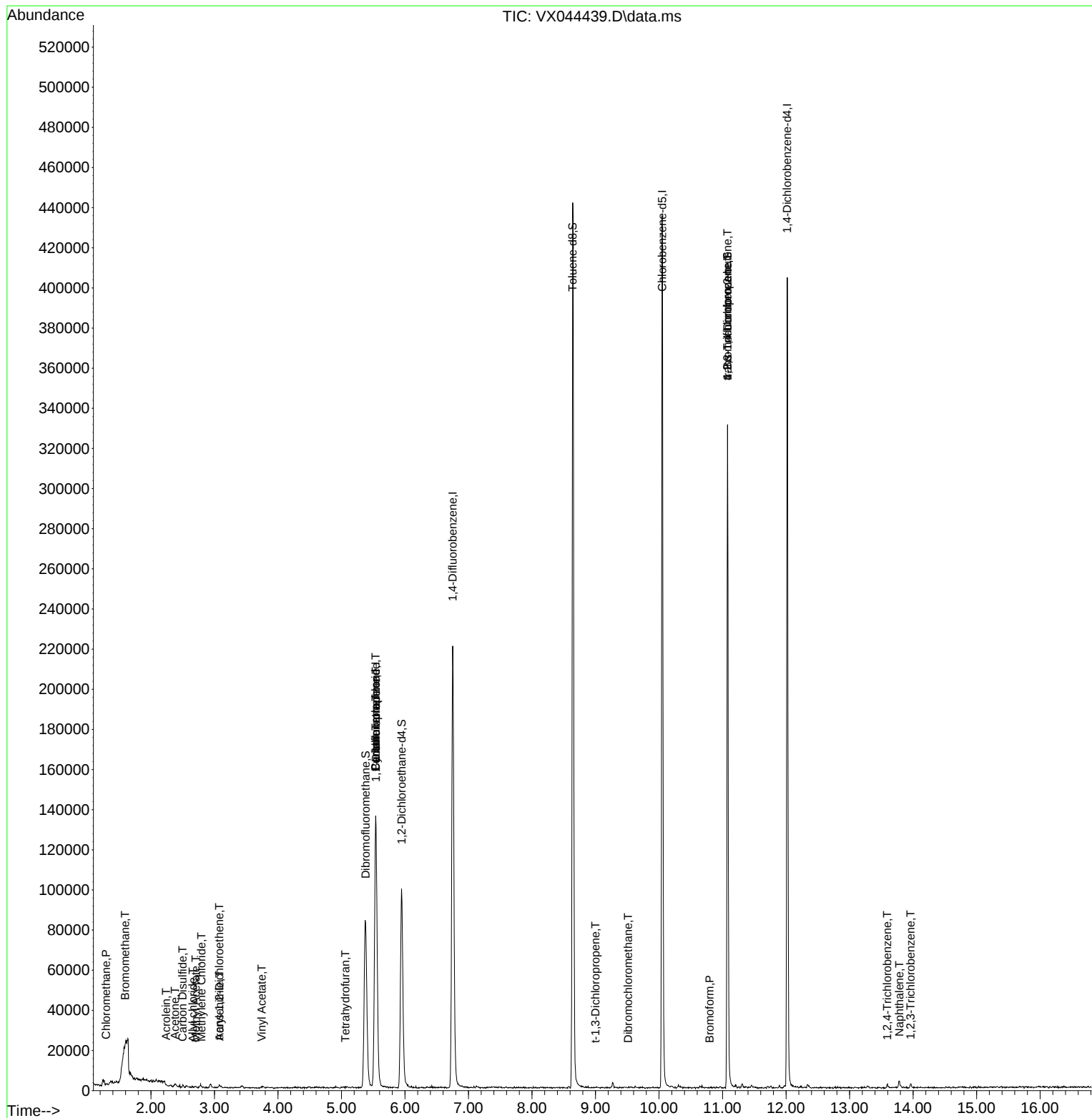
Internal Standards						
1) Pentafluorobenzene	5.537	168	124280	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.751	114	220866	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	191861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	81415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	93416	42.870	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.740%		
35) Dibromofluoromethane	5.379	113	73505	48.052	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.100%		
50) Toluene-d8	8.641	98	269249	52.172	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.340%		
62) 4-Bromofluorobenzene	11.079	95	85125	47.205	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.420%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	414	0.225	ug/l	96
5) Bromomethane	1.593	94	847	0.624	ug/l #	38
13) Acrolein	2.239	56	203	0.457	ug/l	85
14) Allyl chloride	2.660	41	583	0.251	ug/l #	20
15) Acrylonitrile	3.081	53	550	0.647	ug/l #	73
16) Acetone	2.380	43	1243	1.399	ug/l #	81
17) Carbon Disulfide	2.495	76	1148	0.434	ug/l #	75
18) Methyl Acetate	2.703	43	504	0.220	ug/l #	89
20) Methylene Chloride	2.794	84	565	0.339	ug/l #	27
21) trans-1,2-Dichloroethene	3.075	96	369	0.249	ug/l #	84
23) Vinyl Acetate	3.745	43	901	0.212	ug/l #	73
29) Tetrahydrofuran	5.062	42	322	0.397	ug/l #	32
31) Cyclohexane	5.537	56	3029	1.288	ug/l #	54
36) 1,1-Dichloropropene	5.544	75	10626	5.374	ug/l #	51
38) Carbon Tetrachloride	5.537	117	13538	6.359	ug/l #	17
53) t-1,3-Dichloropropene	9.000	75	111	1.048	ug/l #	41
60) Dibromochloromethane	9.512	129	26	1.248	ug/l #	11
71) Bromoform	10.799	173	96	1.343	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	46725	25.704	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	46725	71.016	ug/l #	4
93) 1,2,4-Trichlorobenzene	13.591	180	671	0.446	ug/l	90
95) Naphthalene	13.786	128	3553	0.606	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	785	0.492	ug/l	82

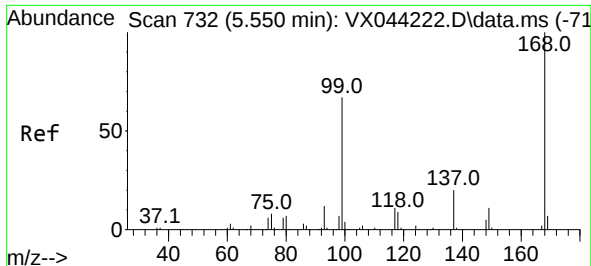
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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Quant Time: Dec 20 22:19:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

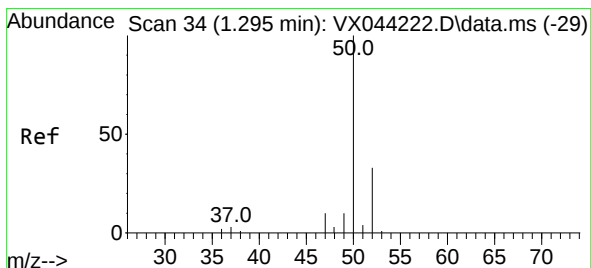
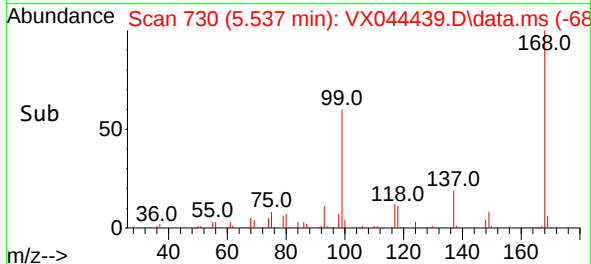
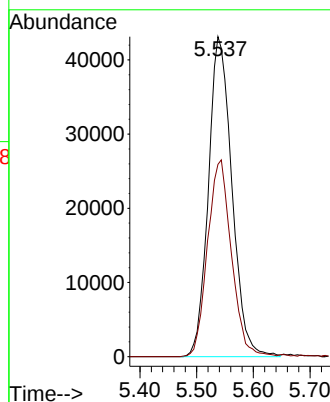
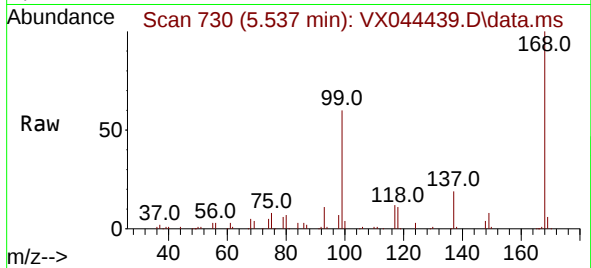




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX044439.D
Acq: 20 Dec 2024 10:00

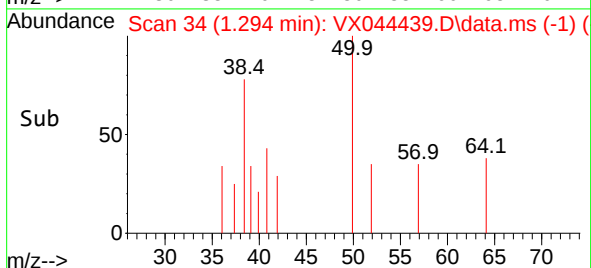
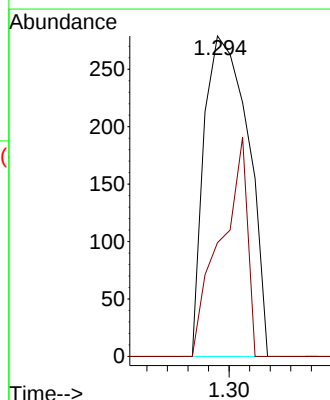
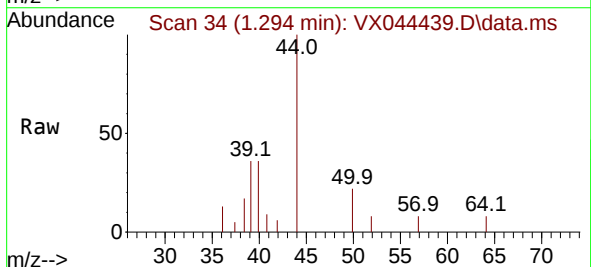
Instrument :
MSVOA_X
ClientSampleId :
VX1220MBL01

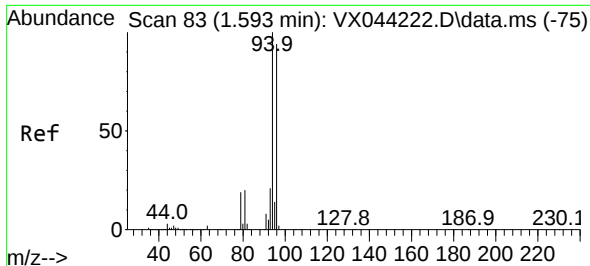
Tgt Ion:168 Resp: 124280
Ion Ratio Lower Upper
168 100
99 60.1 53.4 80.0



#3
Chloromethane
Concen: 0.225 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044439.D
Acq: 20 Dec 2024 10:00

Tgt Ion: 50 Resp: 414
Ion Ratio Lower Upper
50 100
52 35.5 26.5 39.7

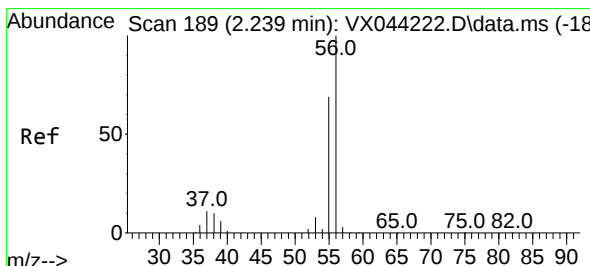
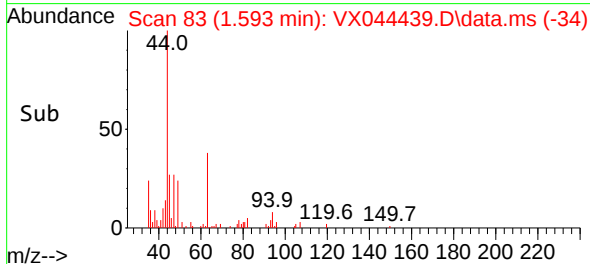
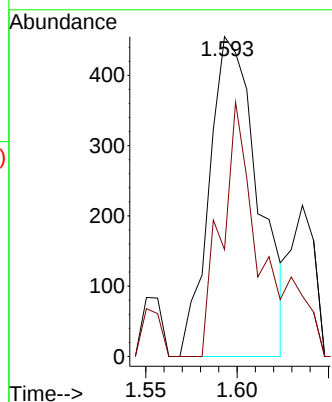
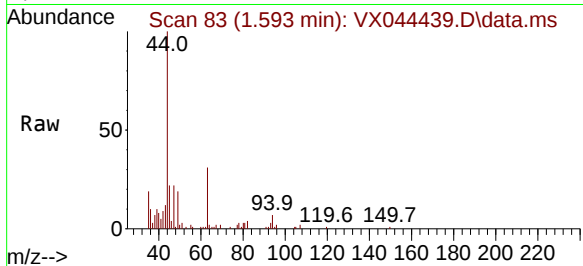




#5
Bromomethane
Concen: 0.624 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX044439.D
Acq: 20 Dec 2024 10:00

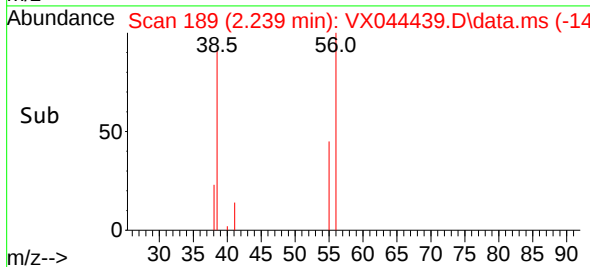
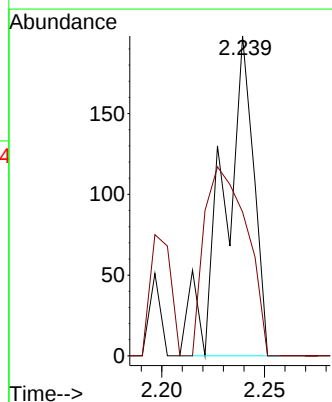
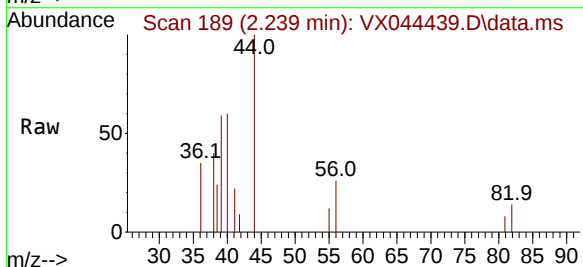
Instrument :
MSVOA_X
ClientSampleId :
VX1220MBL01

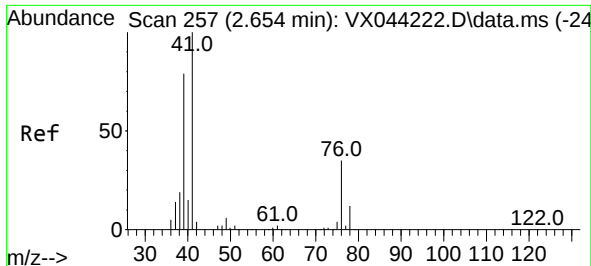
Tgt Ion: 94 Resp: 847
Ion Ratio Lower Upper
94 100
96 33.4 74.9 112.3#



#13
Acrolein
Concen: 0.457 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX044439.D
Acq: 20 Dec 2024 10:00

Tgt Ion: 56 Resp: 203
Ion Ratio Lower Upper
56 100
55 83.3 56.6 84.8

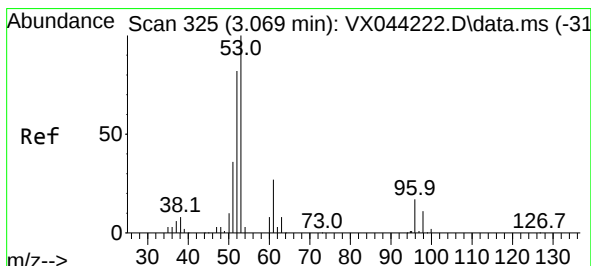
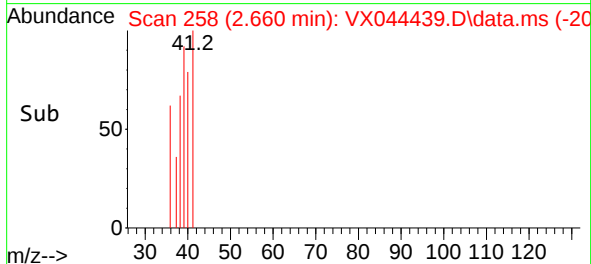
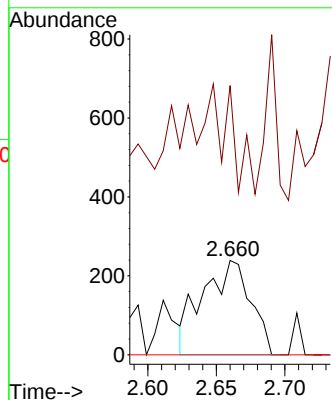
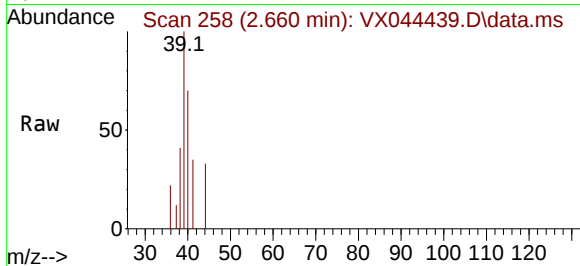




#14
 Allyl chloride
 Concen: 0.251 ug/l
 RT: 2.660 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX044439.D
 Acq: 20 Dec 2024 10:00

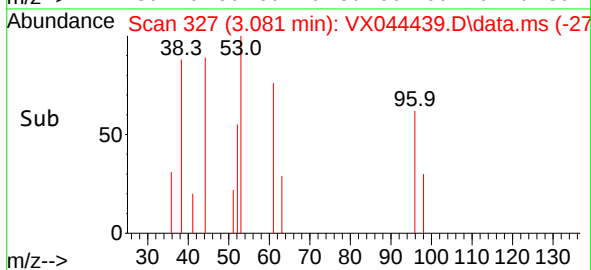
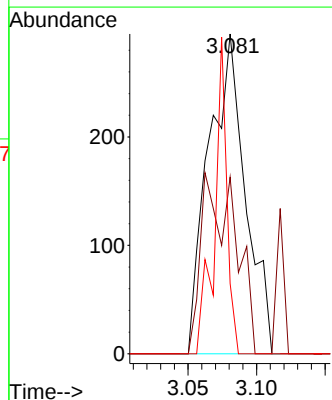
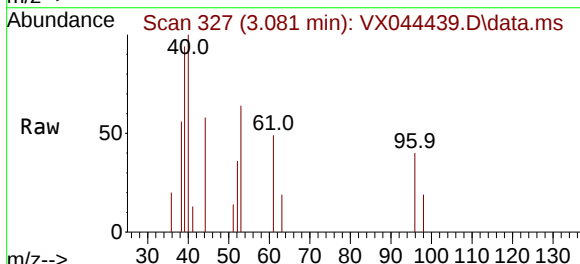
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220MBL01

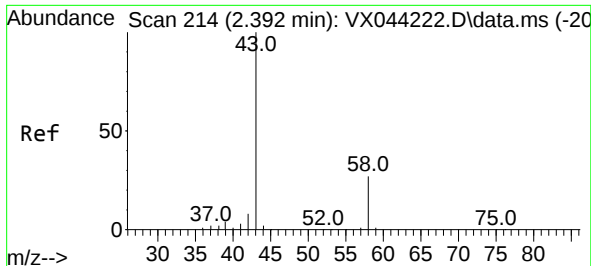
Tgt Ion: 41 Resp: 583
 Ion Ratio Lower Upper
 41 100
 39 0.0 61.9 92.9#
 76 0.0 27.4 41.2#



#15
 Acrylonitrile
 Concen: 0.647 ug/l
 RT: 3.081 min Scan# 327
 Delta R.T. 0.012 min
 Lab File: VX044439.D
 Acq: 20 Dec 2024 10:00

Tgt Ion: 53 Resp: 550
 Ion Ratio Lower Upper
 53 100
 52 52.4 67.4 101.0#
 51 33.1 30.3 45.5

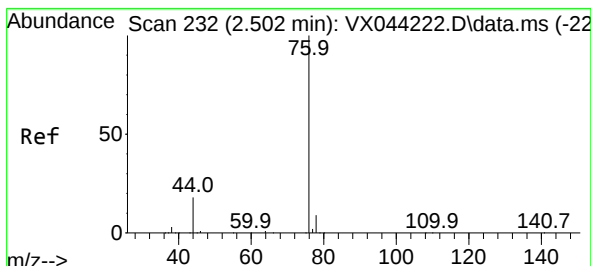
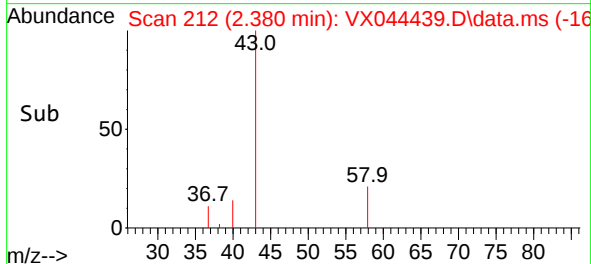
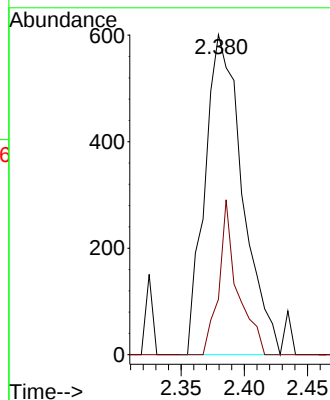
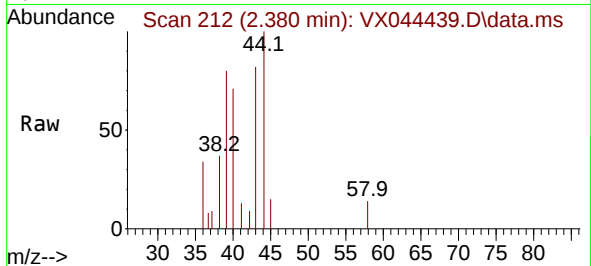




#16
Acetone
Concen: 1.399 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX044439.D
Acq: 20 Dec 2024 10:00

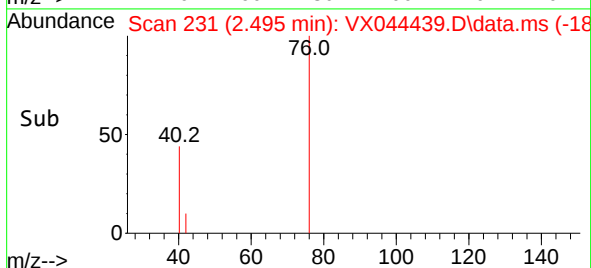
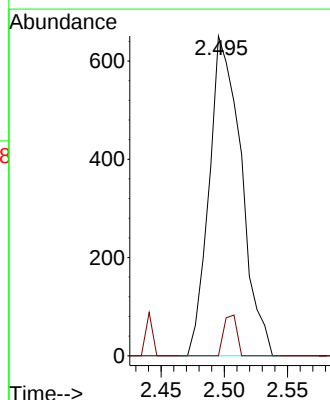
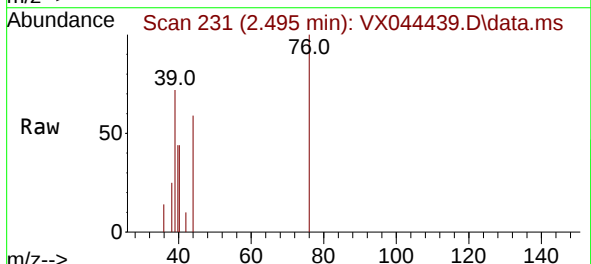
Instrument :
MSVOA_X
ClientSampleId :
VX1220MBL01

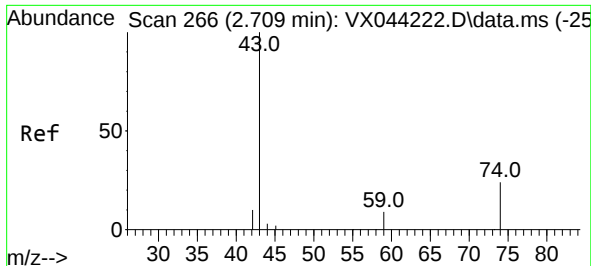
Tgt Ion: 43 Resp: 1243
Ion Ratio Lower Upper
43 100
58 17.3 21.6 32.4#



#17
Carbon Disulfide
Concen: 0.434 ug/l
RT: 2.495 min Scan# 231
Delta R.T. -0.006 min
Lab File: VX044439.D
Acq: 20 Dec 2024 10:00

Tgt Ion: 76 Resp: 1148
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#





#18

Methyl Acetate

Concen: 0.220 ug/l

RT: 2.703 min Scan# 2

Delta R.T. -0.006 min

Lab File: VX044439.D

Acq: 20 Dec 2024 10:00

Instrument :

MSVOA_X

ClientSampleId :

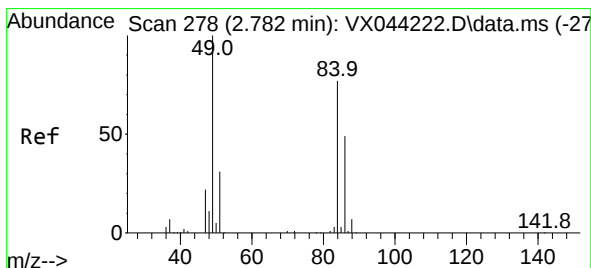
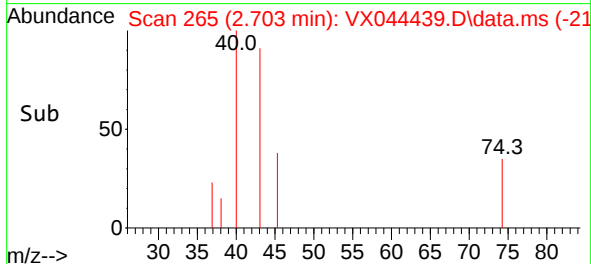
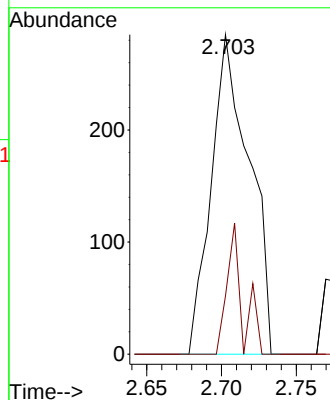
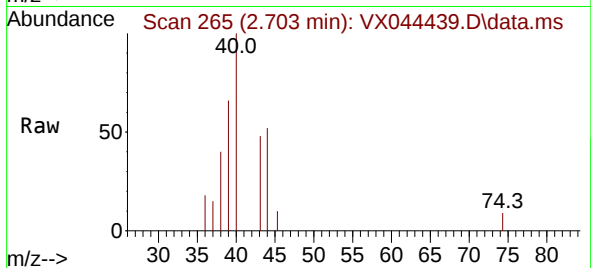
VX1220MBL01

Tgt Ion: 43 Resp: 504

Ion Ratio Lower Upper

43 100

74 16.9 17.7 26.5#



#20

Methylene Chloride

Concen: 0.339 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.012 min

Lab File: VX044439.D

Acq: 20 Dec 2024 10:00

Tgt Ion: 84 Resp: 565

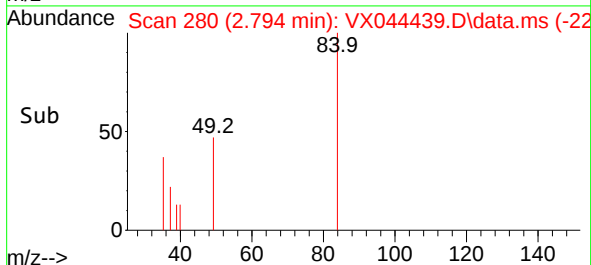
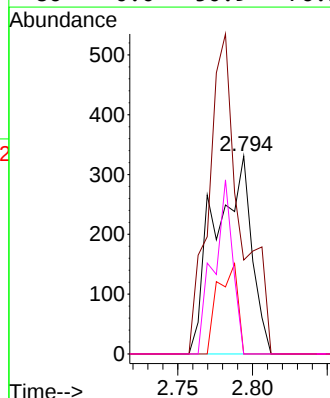
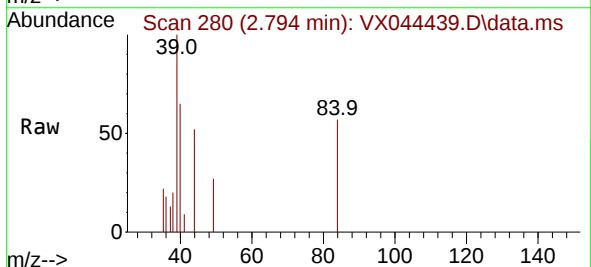
Ion Ratio Lower Upper

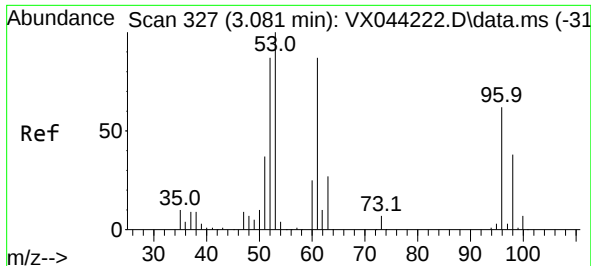
84 100

49 47.4 104.2 156.4#

51 0.0 32.2 48.4#

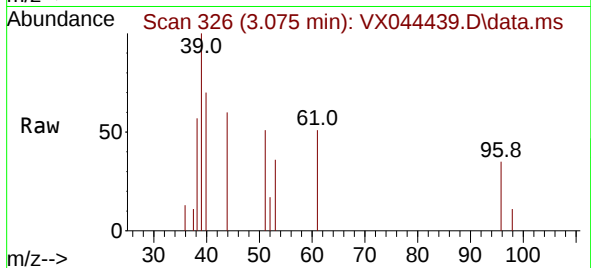
86 0.0 50.9 76.3#



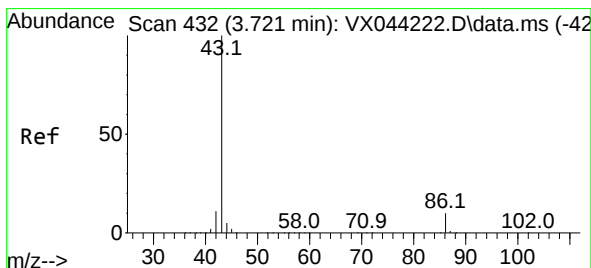
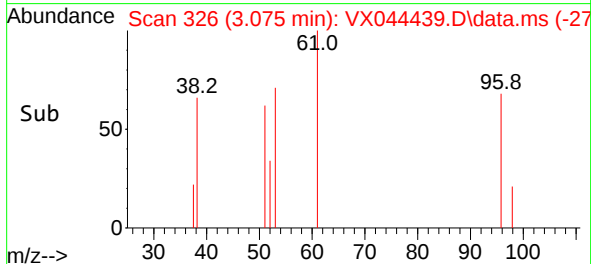
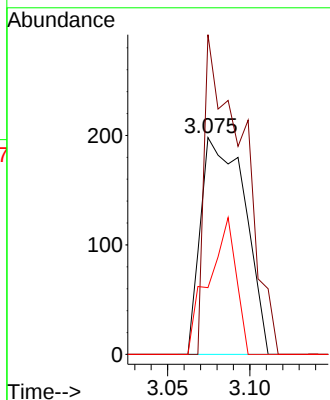


#21
trans-1,2-Dichloroethene
Concen: 0.249 ug/l
RT: 3.075 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX044439.D
Acq: 20 Dec 2024 10:00

Instrument :
MSVOA_X
ClientSampleId :
VX1220MBL01

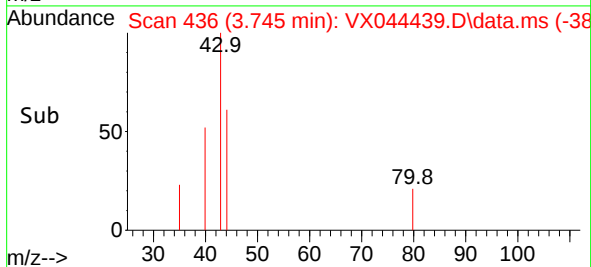
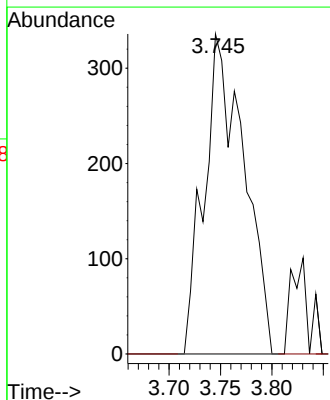
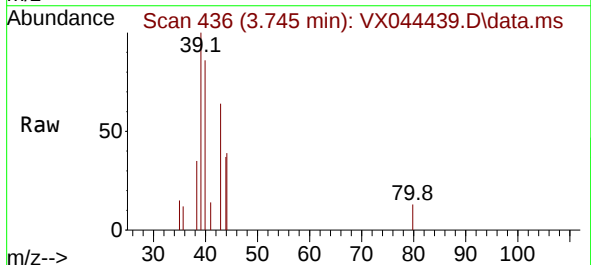


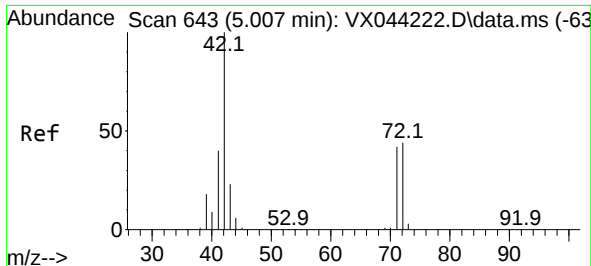
Tgt Ion: 96 Resp: 369
Ion Ratio Lower Upper
96 100
61 147.5 112.0 168.0
98 30.8 48.8 73.2#



#23
Vinyl Acetate
Concen: 0.212 ug/l
RT: 3.745 min Scan# 436
Delta R.T. 0.024 min
Lab File: VX044439.D
Acq: 20 Dec 2024 10:00

Tgt Ion: 43 Resp: 901
Ion Ratio Lower Upper
43 100
86 0.0 8.2 12.2#





#29

Tetrahydrofuran

Concen: 0.397 ug/l

RT: 5.062 min Scan# 61

Delta R.T. 0.055 min

Lab File: VX044439.D

Acq: 20 Dec 2024 10:00

Instrument :

MSVOA_X

ClientSampleId :

VX1220MBL01

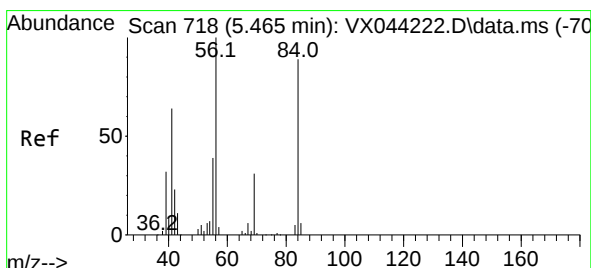
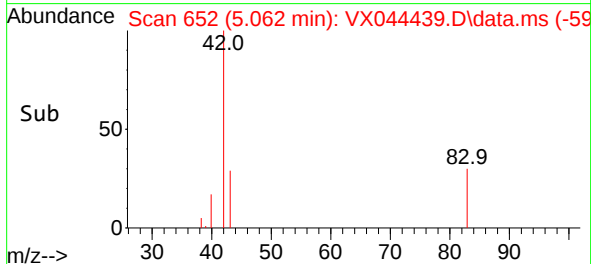
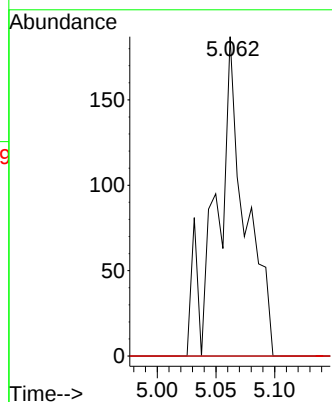
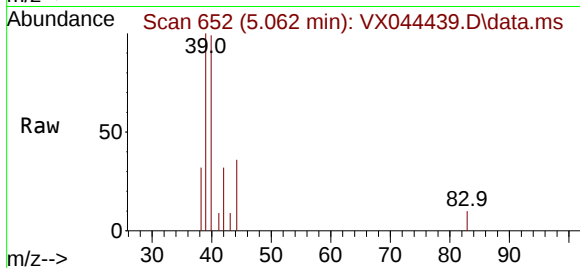
Tgt Ion: 42 Resp: 322

Ion Ratio Lower Upper

42 100

72 0.0 37.0 55.6#

71 0.0 33.6 50.4#



#31

Cyclohexane

Concen: 1.288 ug/l

RT: 5.537 min Scan# 730

Delta R.T. 0.073 min

Lab File: VX044439.D

Acq: 20 Dec 2024 10:00

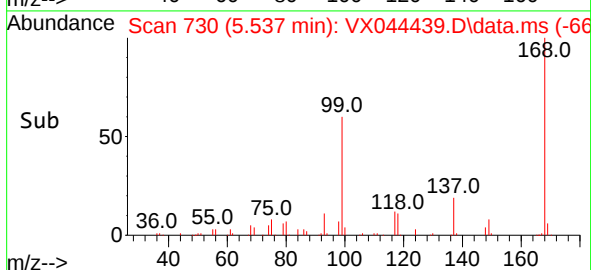
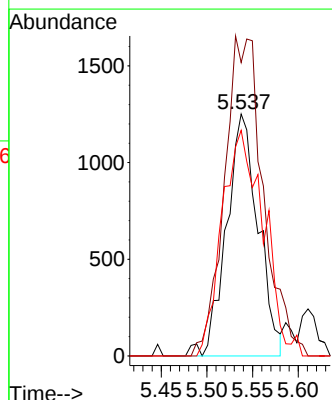
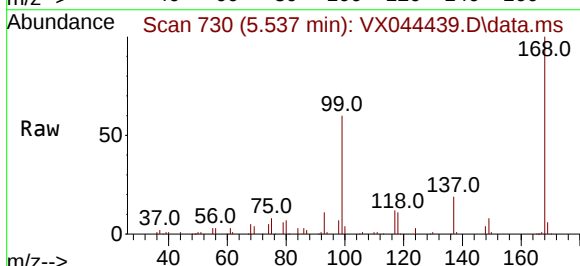
Tgt Ion: 56 Resp: 3029

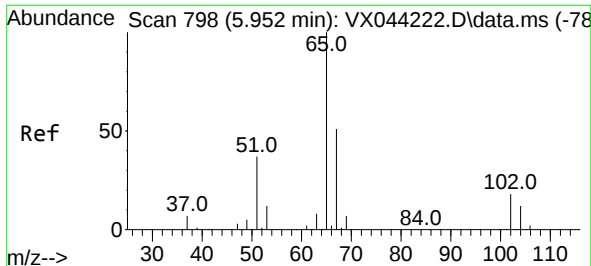
Ion Ratio Lower Upper

56 100

69 121.3 24.7 37.1#

84 93.3 71.0 106.6





#33

1,2-Dichloroethane-d4

Concen: 42.870 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX044439.D

Acq: 20 Dec 2024 10:00

Instrument :

MSVOA_X

ClientSampleId :

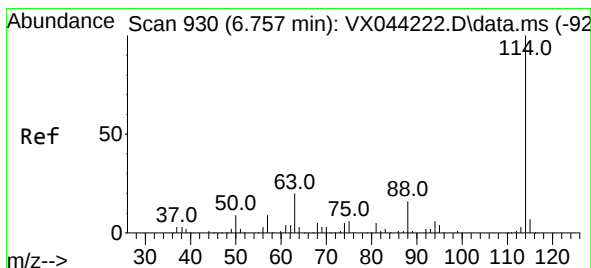
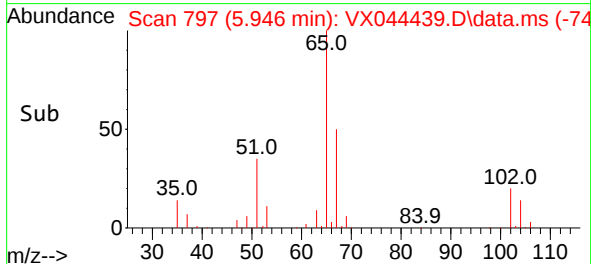
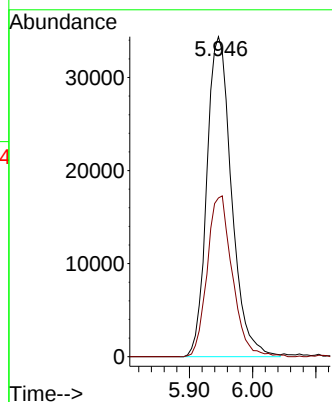
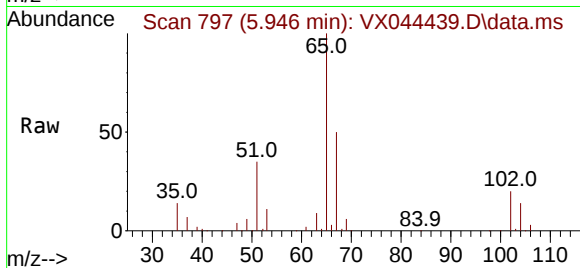
VX1220MBL01

Tgt Ion: 65 Resp: 93416

Ion Ratio Lower Upper

65 100

67 50.9 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX044439.D

Acq: 20 Dec 2024 10:00

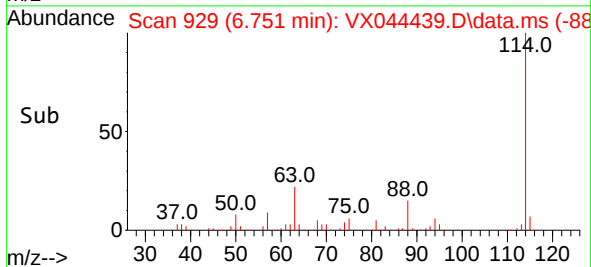
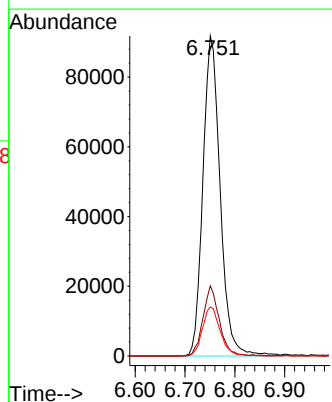
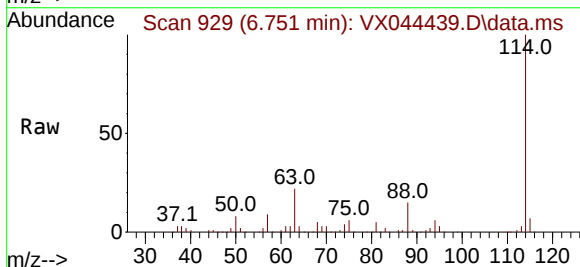
Tgt Ion: 114 Resp: 220866

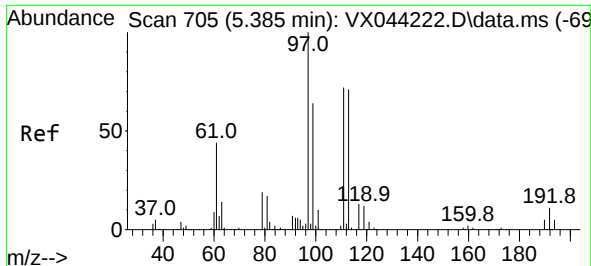
Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.6

88 15.3 0.0 31.8

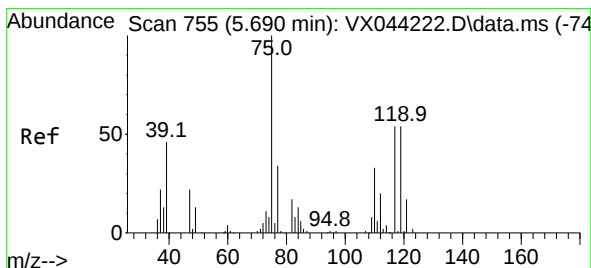
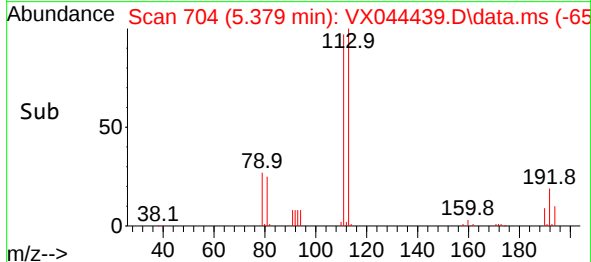
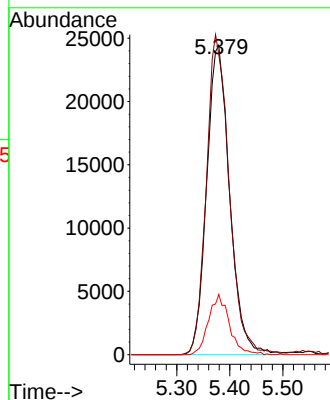
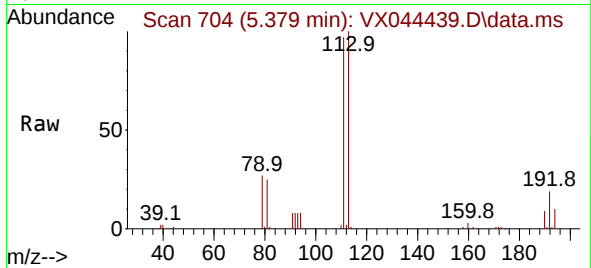




#35
Dibromofluoromethane
Concen: 48.052 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044439.D
Acq: 20 Dec 2024 10:00

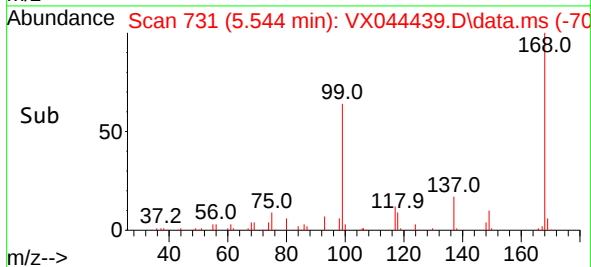
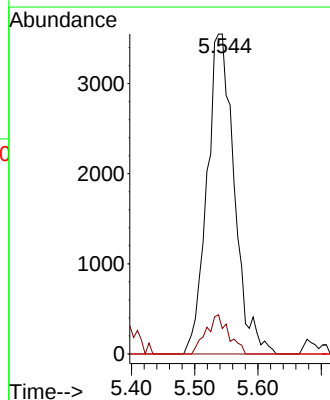
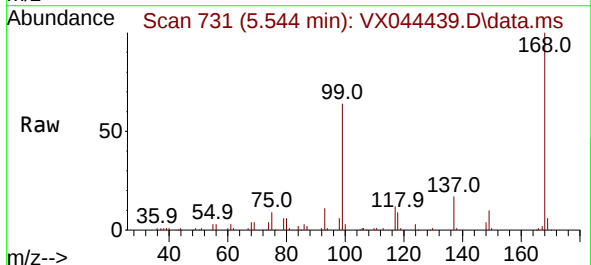
Instrument :
MSVOA_X
ClientSampleId :
VX1220MBL01

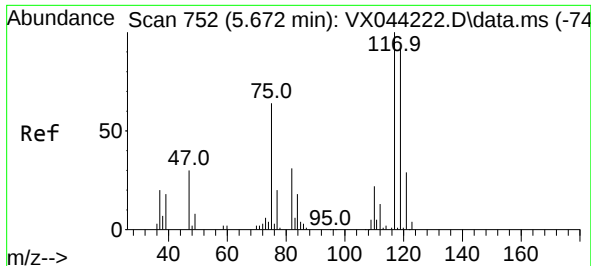
Tgt Ion:113 Resp: 73505
Ion Ratio Lower Upper
113 100
111 102.8 80.4 120.6
192 17.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.374 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX044439.D
Acq: 20 Dec 2024 10:00

Tgt Ion: 75 Resp: 10626
Ion Ratio Lower Upper
75 100
110 10.1 17.3 51.7#
77 0.0 25.4 38.0#

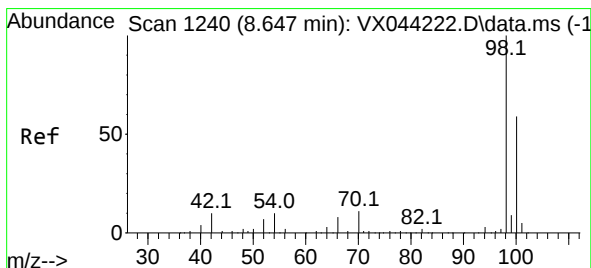
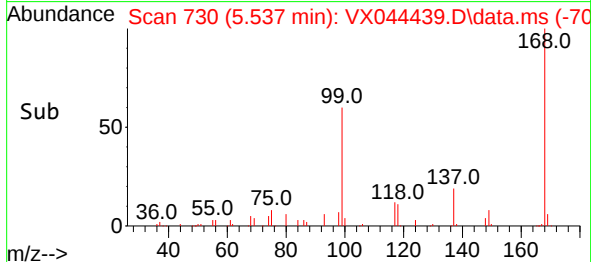
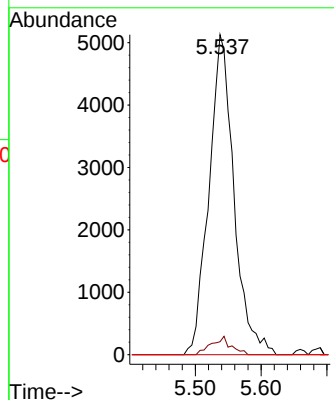
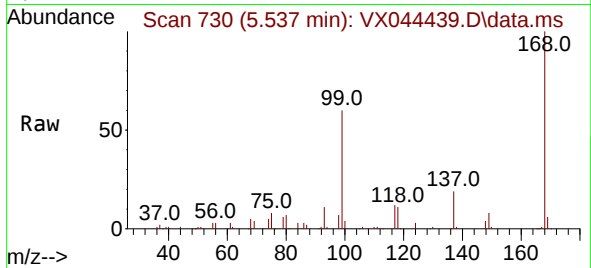




#38
Carbon Tetrachloride
Concen: 6.359 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX044439.D
Acq: 20 Dec 2024 10:00

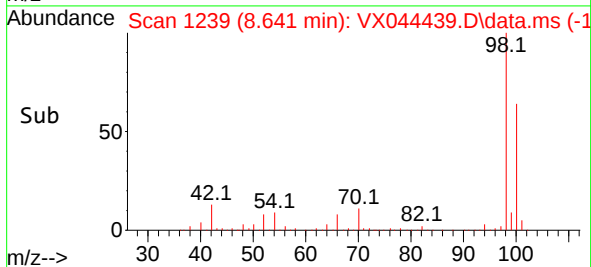
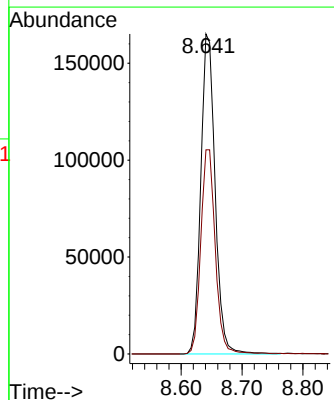
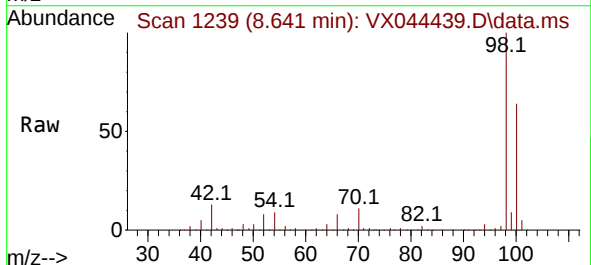
Instrument :
MSVOA_X
ClientSampleId :
VX1220MBL01

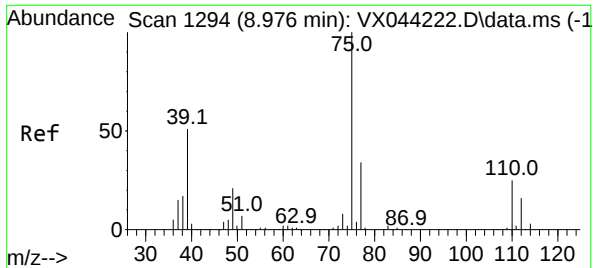
Tgt Ion:117 Resp: 13538
Ion Ratio Lower Upper
117 100
119 4.0 74.2 111.4#
121 0.0 23.0 34.6#



#50
Toluene-d8
Concen: 52.172 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX044439.D
Acq: 20 Dec 2024 10:00

Tgt Ion: 98 Resp: 269249
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3

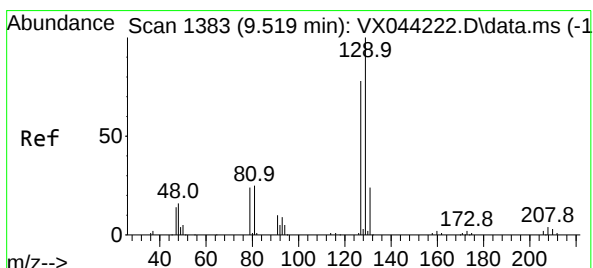
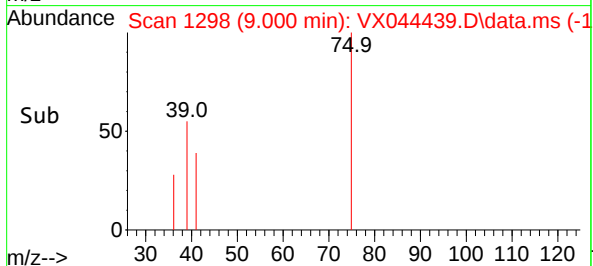
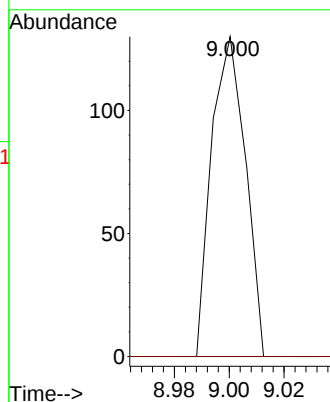
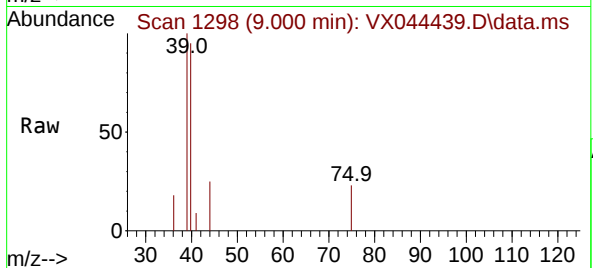




#53
t-1,3-Dichloropropene
Concen: 1.048 ug/l
RT: 9.000 min Scan# 111
Delta R.T. 0.024 min
Lab File: VX044439.D
Acq: 20 Dec 2024 10:00

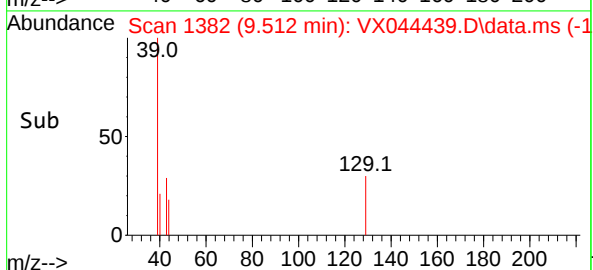
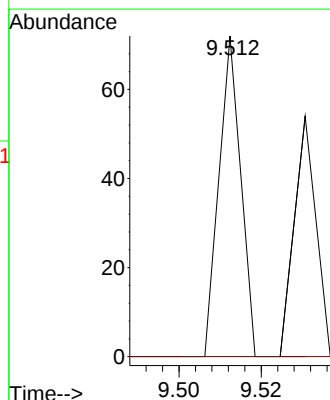
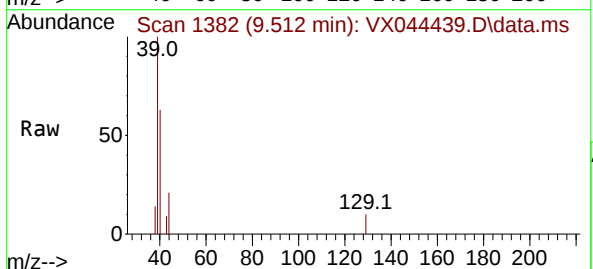
Instrument :
MSVOA_X
ClientSampleId :
VX1220MBL01

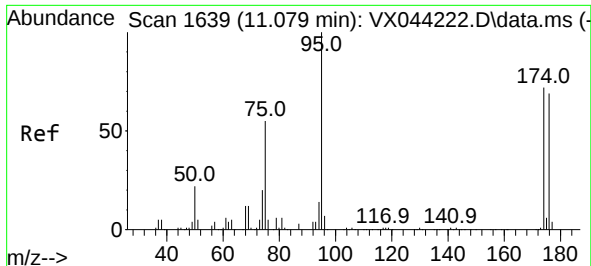
Tgt Ion: 75 Resp: 111
Ion Ratio Lower Upper
75 100
77 0.0 27.2 40.8#



#60
Dibromochloromethane
Concen: 1.248 ug/l
RT: 9.512 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VX044439.D
Acq: 20 Dec 2024 10:00

Tgt Ion:129 Resp: 26
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#





#62

4-Bromofluorobenzene

Concen: 47.205 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044439.D

Acq: 20 Dec 2024 10:00

Instrument :

MSVOA_X

ClientSampleId :

VX1220MBL01

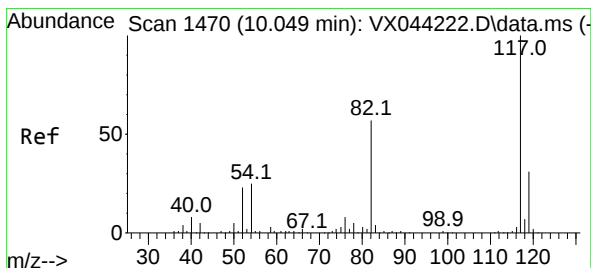
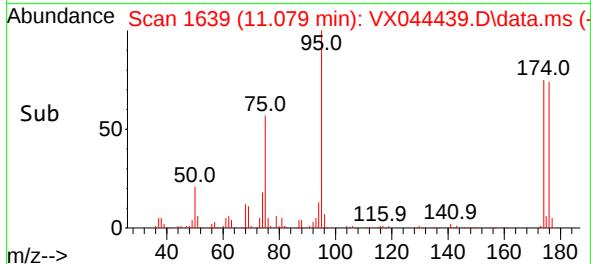
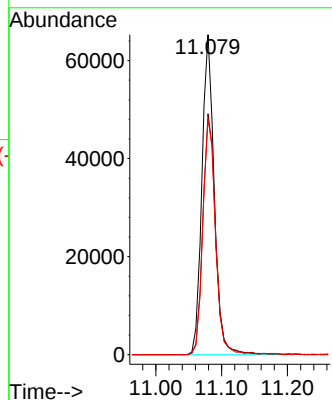
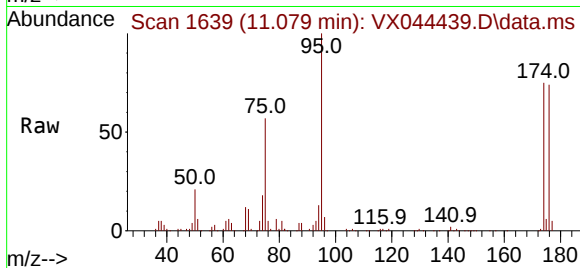
Tgt Ion: 95 Resp: 85125

Ion Ratio Lower Upper

95 100

174 77.9 0.0 145.8

176 75.1 0.0 137.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044439.D

Acq: 20 Dec 2024 10:00

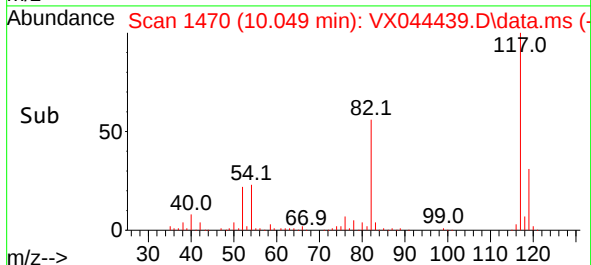
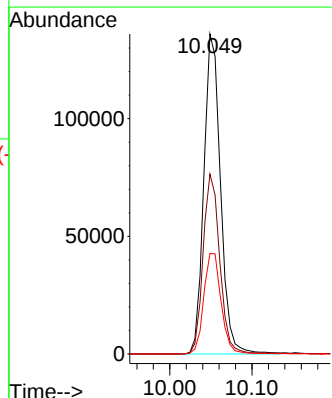
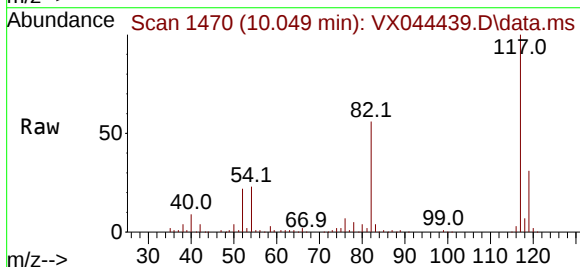
Tgt Ion: 117 Resp: 191861

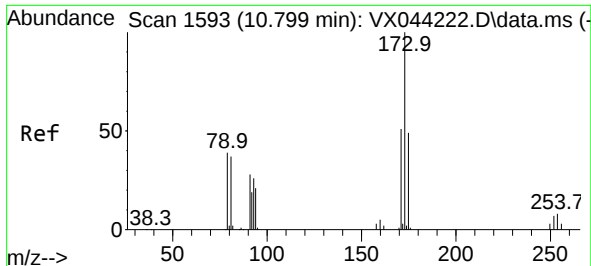
Ion Ratio Lower Upper

117 100

82 56.2 45.8 68.8

119 31.4 25.0 37.4

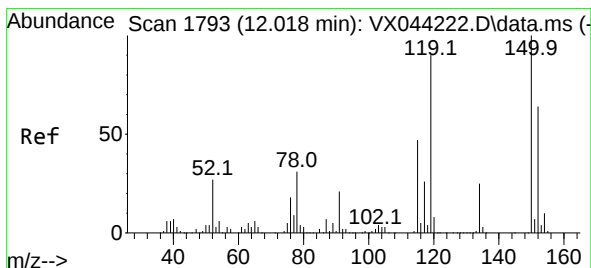
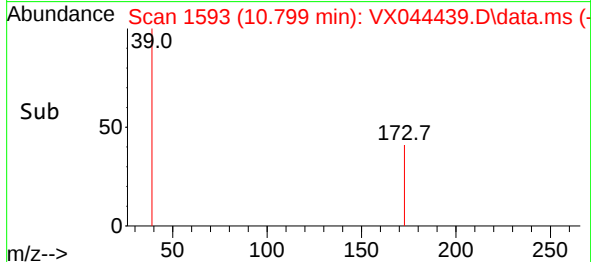
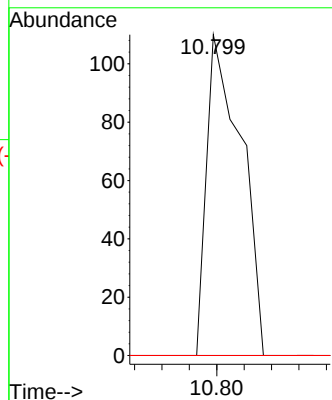
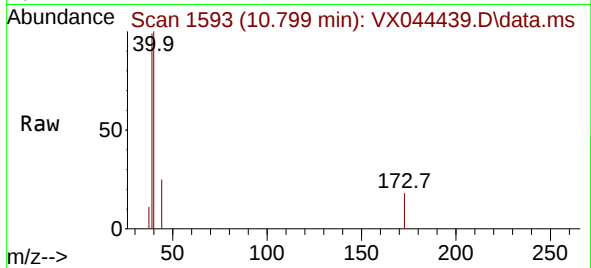




#71
Bromoform
Concen: 1.343 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX044439.D
Acq: 20 Dec 2024 10:00

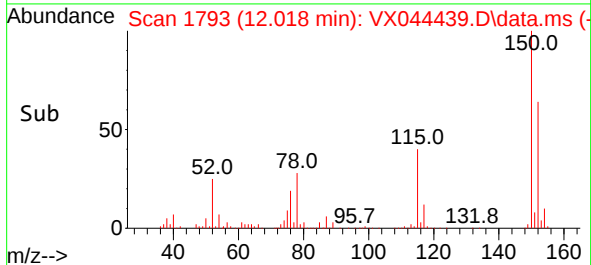
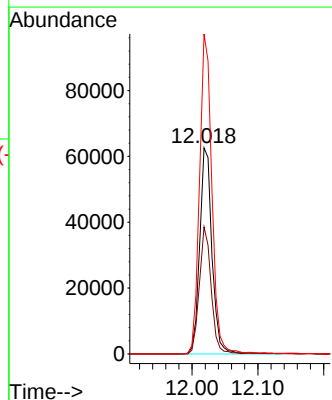
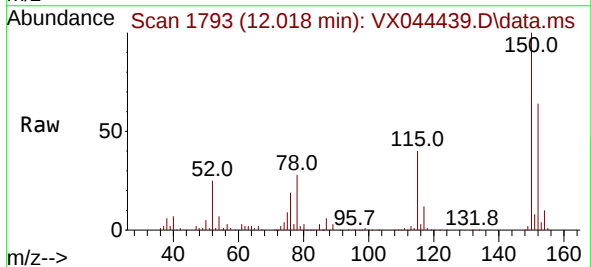
Instrument :
MSVOA_X
ClientSampleId :
VX1220MBL01

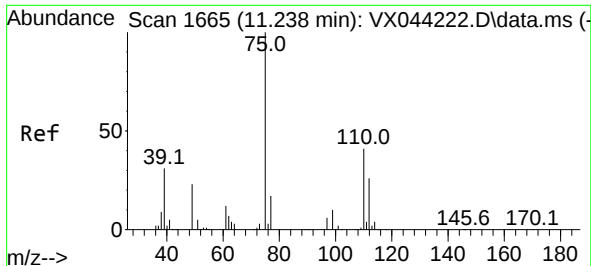
Tgt Ion:173 Resp: 96
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.4#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044439.D
Acq: 20 Dec 2024 10:00

Tgt Ion:152 Resp: 81415
Ion Ratio Lower Upper
152 100
115 58.9 44.5 133.3
150 155.4 0.0 353.8

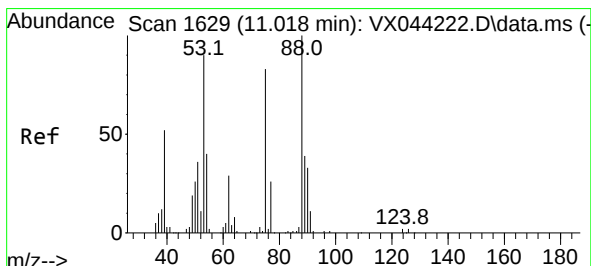
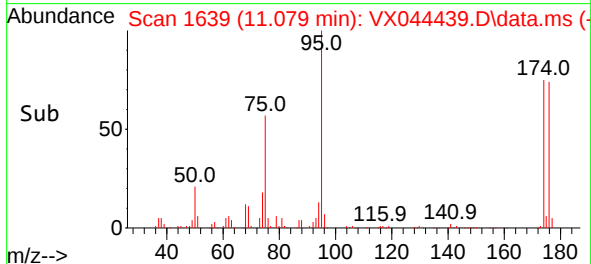
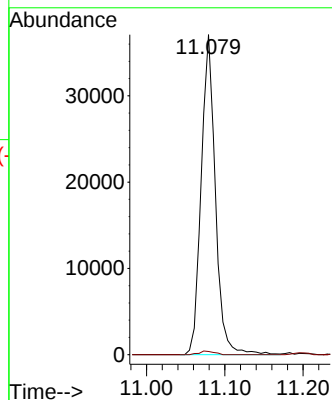
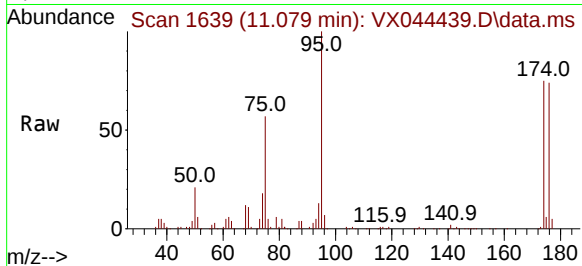




#76
1,2,3-Trichloropropane
Concen: 25.704 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044439.D
Acq: 20 Dec 2024 10:00

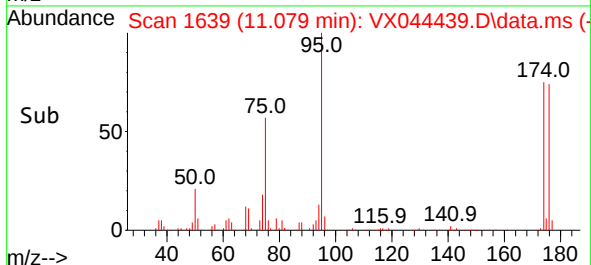
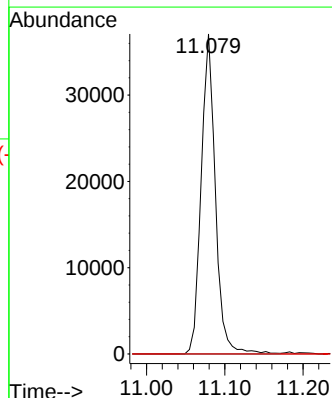
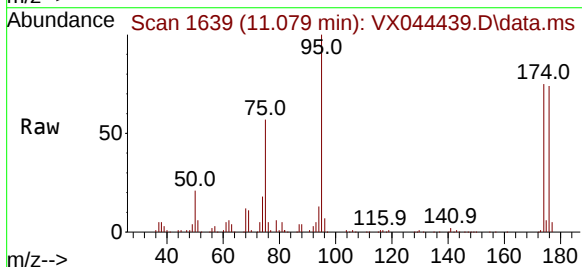
Instrument :
MSVOA_X
ClientSampleId :
VX1220MBL01

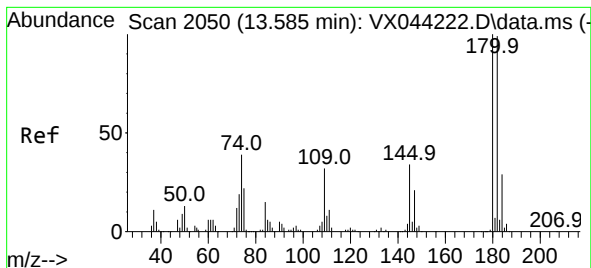
Tgt Ion: 75 Resp: 46725
Ion Ratio Lower Upper
75 100
77 1.2 20.9 62.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.016 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044439.D
Acq: 20 Dec 2024 10:00

Tgt Ion: 75 Resp: 46725
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.0 37.3 55.9#





#93

1,2,4-Trichlorobenzene

Concen: 0.446 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX044439.D

Acq: 20 Dec 2024 10:00

Instrument :

MSVOA_X

ClientSampleId :

VX1220MBL01

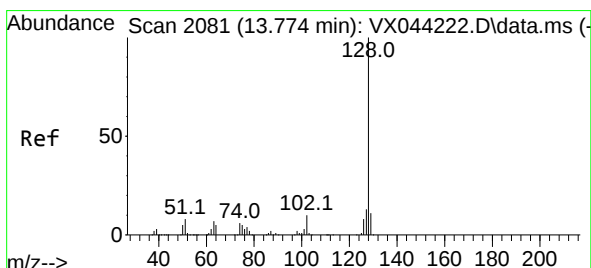
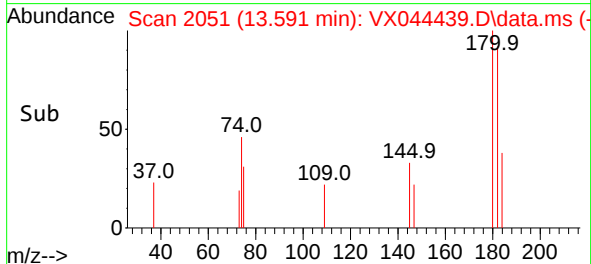
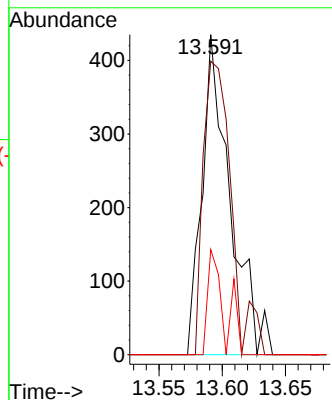
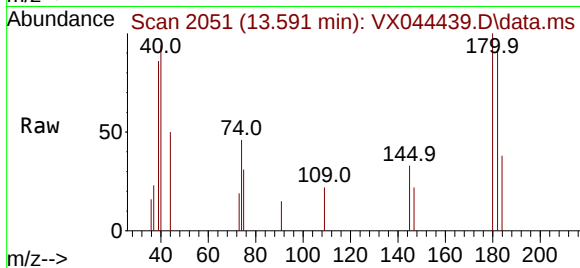
Tgt Ion:180 Resp: 671

Ion Ratio Lower Upper

180 100

182 91.5 48.0 144.2

145 19.4 16.6 49.7



#95

Naphthalene

Concen: 0.606 ug/l

RT: 13.786 min Scan# 2083

Delta R.T. 0.012 min

Lab File: VX044439.D

Acq: 20 Dec 2024 10:00

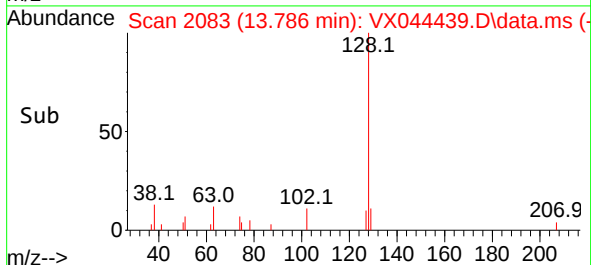
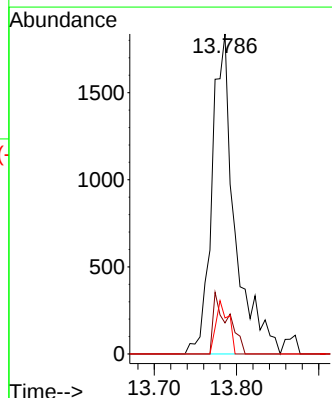
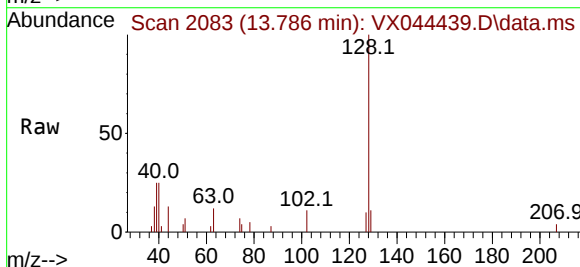
Tgt Ion:128 Resp: 3553

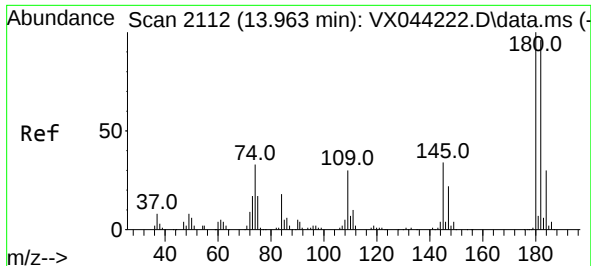
Ion Ratio Lower Upper

128 100

127 12.5 10.5 15.7

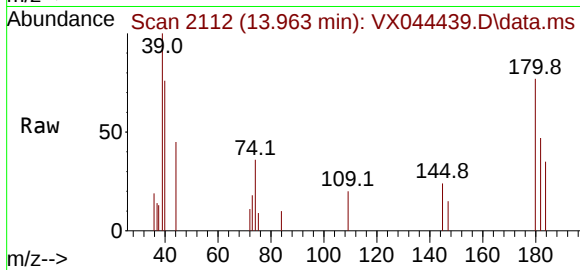
129 9.1 9.0 13.4





#96
 1,2,3-Trichlorobenzene
 Concen: 0.492 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX044439.D
 Acq: 20 Dec 2024 10:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220MBL01



Tgt Ion:180 Resp: 785

Ion	Ratio	Lower	Upper
180	100		
182	74.8	48.0	144.0
145	31.7	17.7	53.1

