

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121624\
 Data File : VX044328.D
 Acq On : 16 Dec 2024 16:53
 Operator : JC/MD
 Sample : P5261-09DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 17 00:53:03 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)

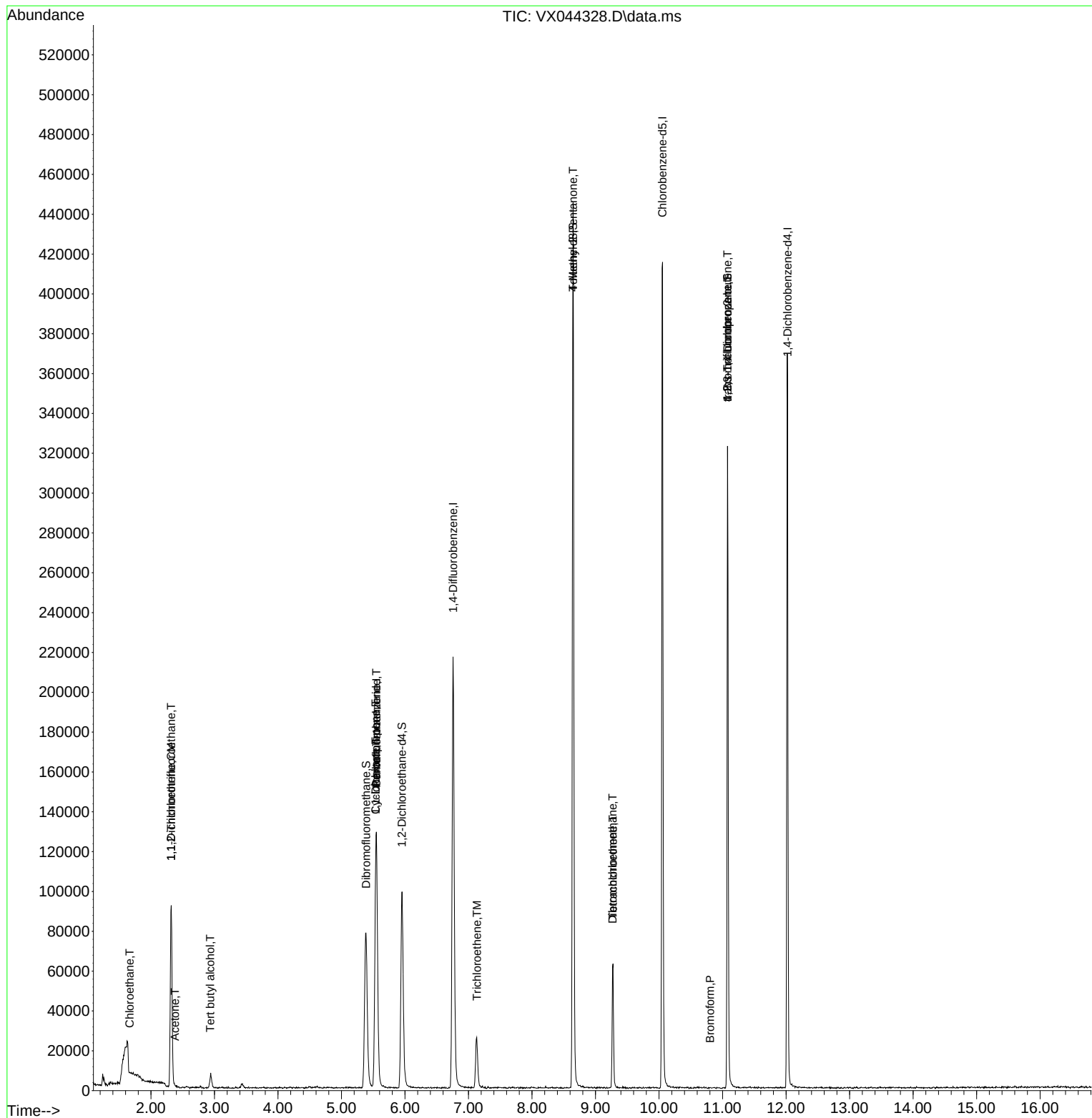
Internal Standards						
1) Pentafluorobenzene	5.550	168	115252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	211101	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	183791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93582	46.311	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.620%
35) Dibromofluoromethane	5.385	113	68839	47.083	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.160%
50) Toluene-d8	8.647	98	253422	51.377	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.760%
62) 4-Bromofluorobenzene	11.079	95	80137	46.495	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.980%
Target Compounds						
					Qvalue	
6) Chloroethane	1.666	64	310	0.280	ug/l #	41
9) 1,1,2-Trichlorotrifluo...	2.319	101	35924	25.542	ug/l	98
11) Tert butyl alcohol	2.934	59	3424	12.023	ug/l #	71
12) 1,1-Dichloroethene	2.319	96	259	0.200	ug/l #	38
16) Acetone	2.380	43	589	0.715	ug/l #	67
31) Cyclohexane	5.538	56	3077	1.411	ug/l #	31
36) 1,1-Dichloropropene	5.538	75	10588	5.602	ug/l #	46
38) Carbon Tetrachloride	5.550	117	12964	6.371	ug/l #	17
44) Trichloroethene	7.135	130	10406	7.272	ug/l	88
51) 4-Methyl-2-Pentanone	8.647	43	1455	0.620	ug/l #	1
60) Dibromochloromethane	9.269	129	10914	8.526	ug/l #	11
64) Tetrachloroethene	9.275	164	11085	9.087	ug/l	95
71) Bromoform	10.805	173	47	1.287	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	45484	28.308	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	45484	77.645	ug/l #	4

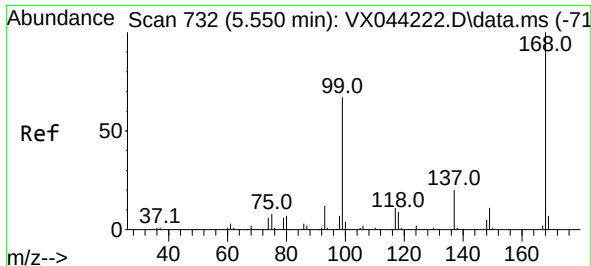
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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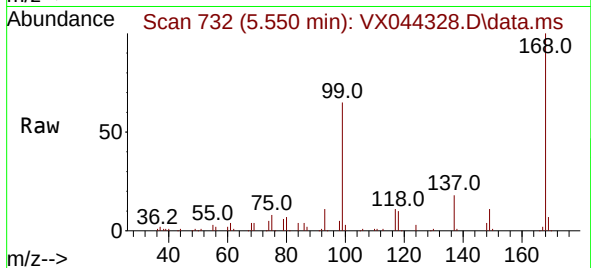
Quant Time: Dec 17 00:53:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration



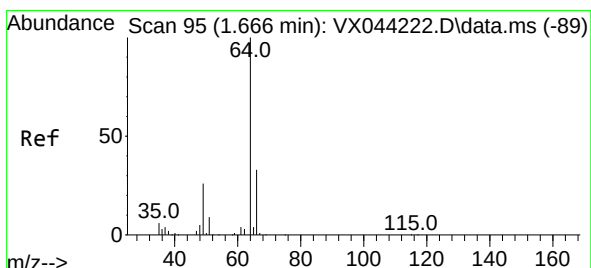
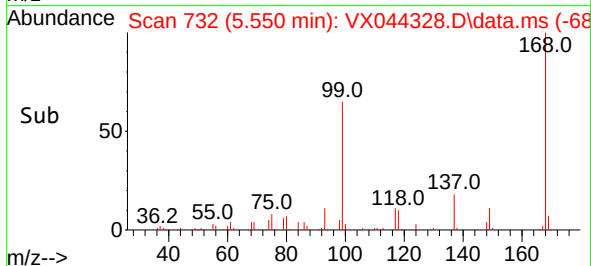
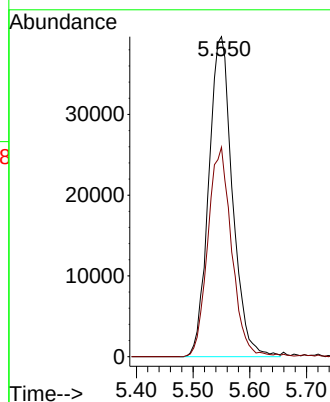


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044328.D
Acq: 16 Dec 2024 16:53

Instrument :
MSVOA_X
ClientSampleId :

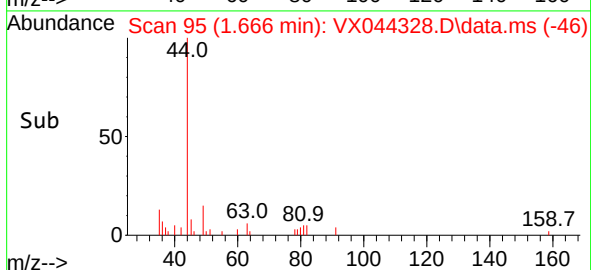
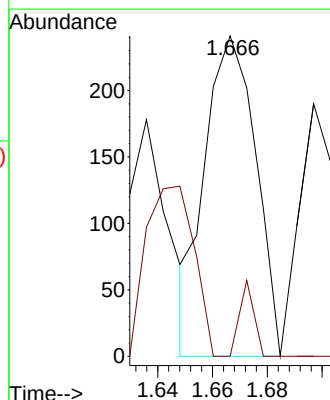
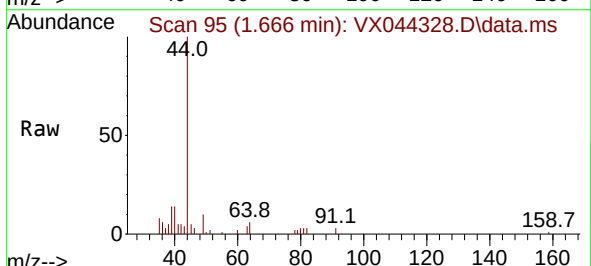


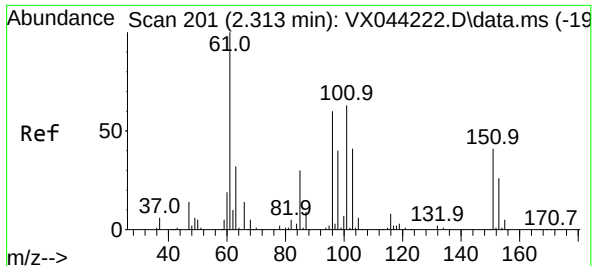
Tgt Ion:168 Resp: 115252
Ion Ratio Lower Upper
168 100
99 65.4 53.4 80.0



#6
Chloroethane
Concen: 0.280 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX044328.D
Acq: 16 Dec 2024 16:53

Tgt Ion: 64 Resp: 310
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#

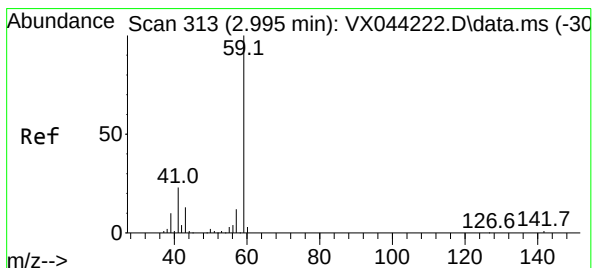
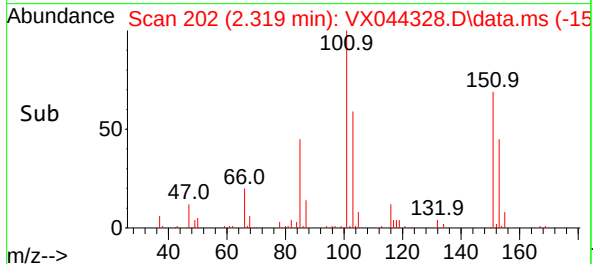
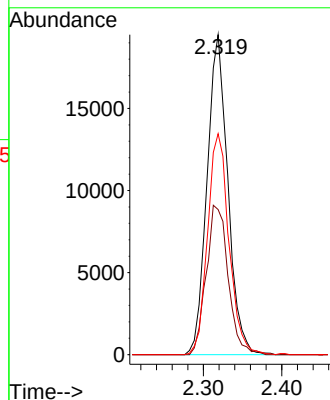
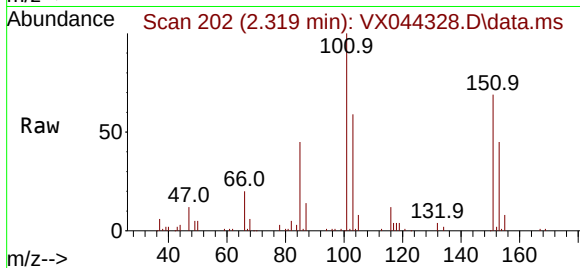




#9
1,1,2-Trichlorotrifluoroethane
Concen: 25.542 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX044328.D
Acq: 16 Dec 2024 16:53

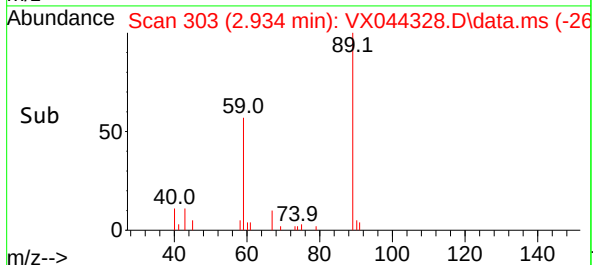
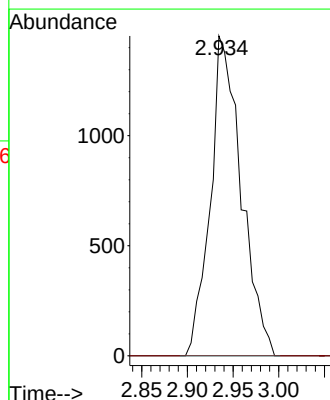
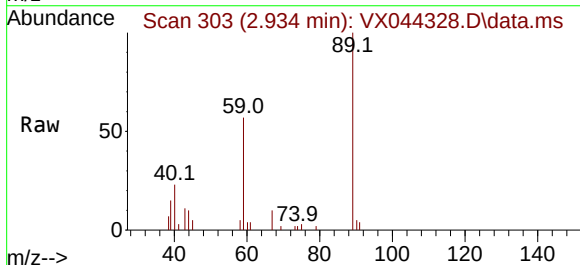
Instrument :
MSVOA_X
ClientSampleId :

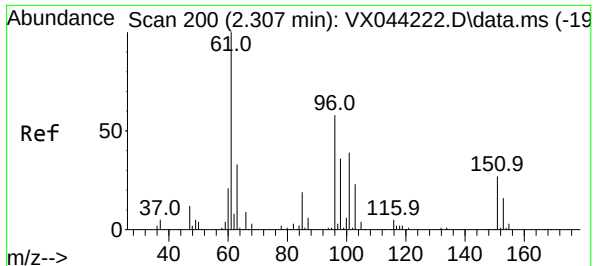
Tgt Ion:101 Resp: 35924
Ion Ratio Lower Upper
101 100
85 49.2 38.5 57.7
151 71.0 55.8 83.6



#11
Tert butyl alcohol
Concen: 12.023 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.061 min
Lab File: VX044328.D
Acq: 16 Dec 2024 16:53

Tgt Ion: 59 Resp: 3424
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#





#12

1,1-Dichloroethene

Concen: 0.200 ug/l

RT: 2.319 min Scan# 20

Delta R.T. 0.012 min

Lab File: VX044328.D

Acq: 16 Dec 2024 16:53

Instrument :

MSVOA_X

ClientSampleId :

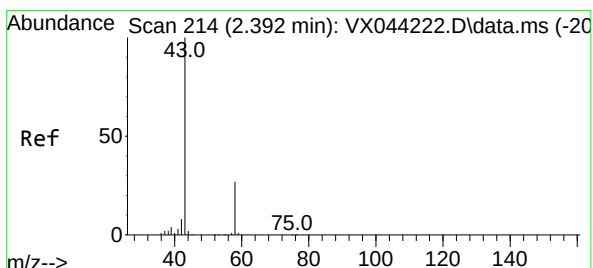
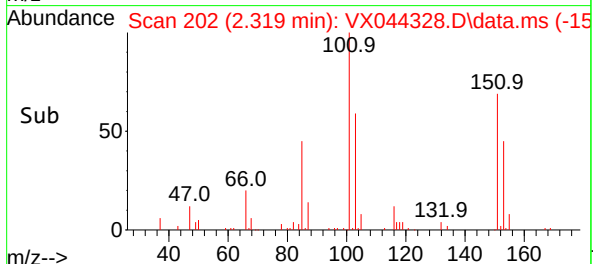
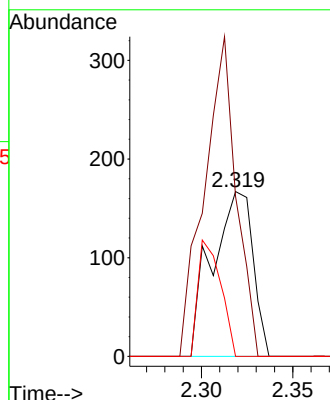
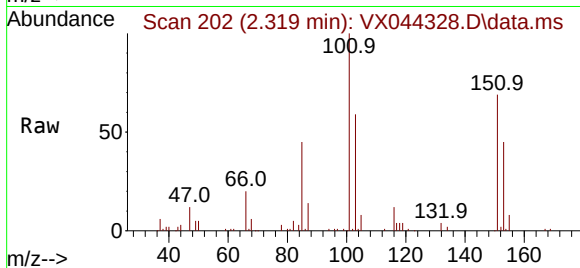
Tgt Ion: 96 Resp: 259

Ion Ratio Lower Upper

96 100

61 97.0 138.0 207.0#

98 0.0 50.0 75.0#



#16

Acetone

Concen: 0.715 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.012 min

Lab File: VX044328.D

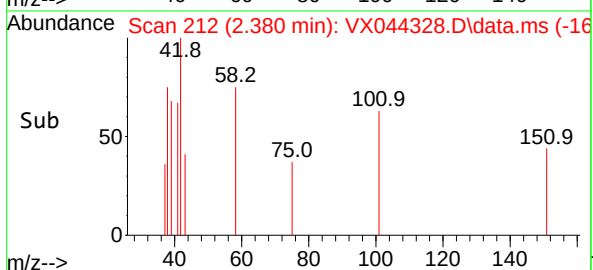
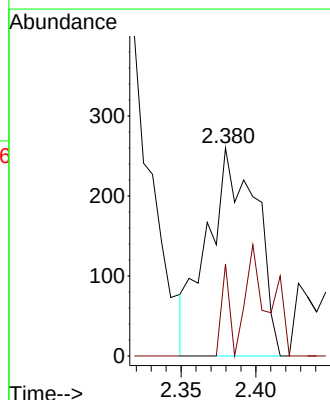
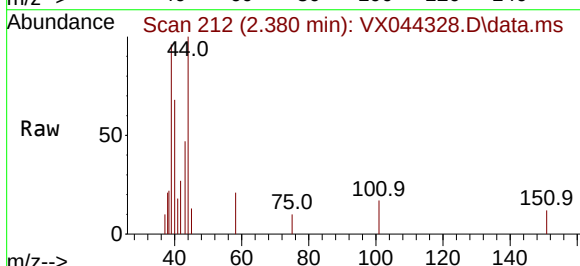
Acq: 16 Dec 2024 16:53

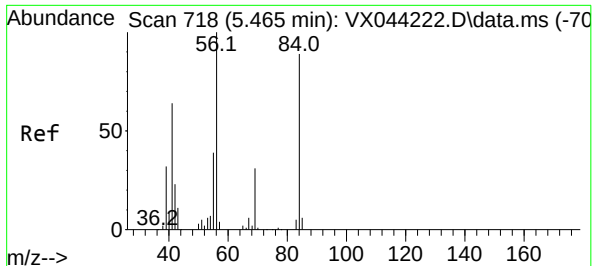
Tgt Ion: 43 Resp: 589

Ion Ratio Lower Upper

43 100

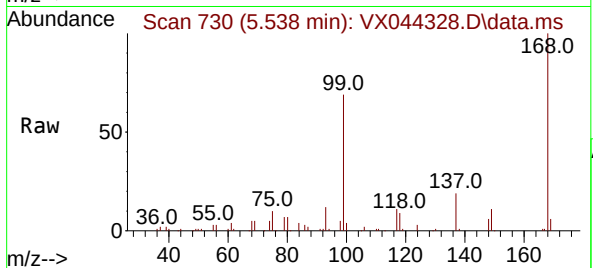
58 44.2 21.6 32.4#



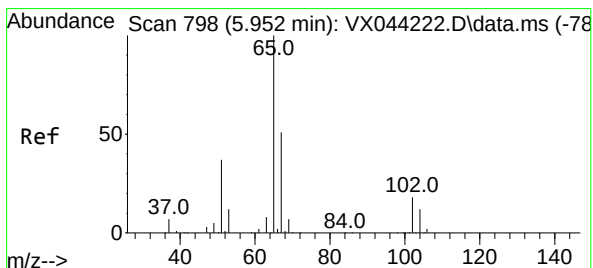
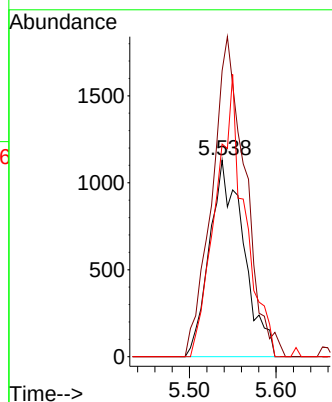
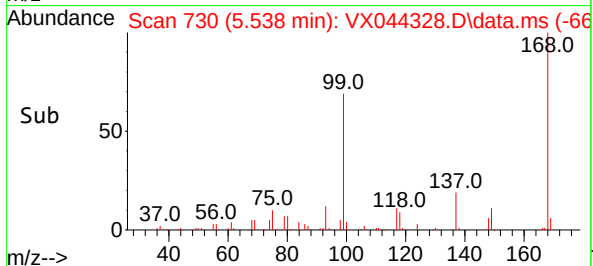


#31
Cyclohexane
Concen: 1.411 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX044328.D
Acq: 16 Dec 2024 16:53

Instrument :
MSVOA_X
ClientSampleId :

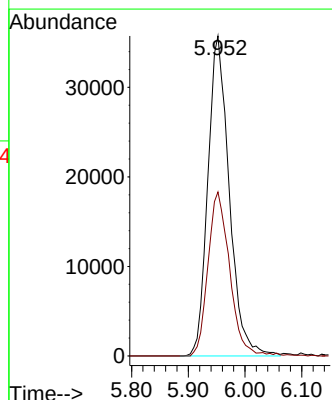
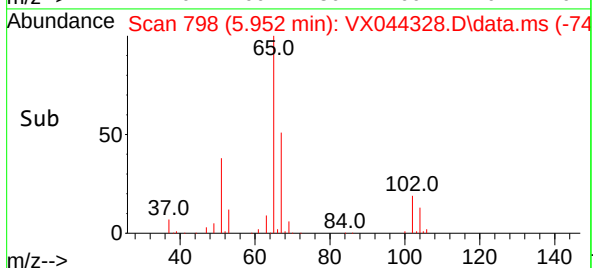
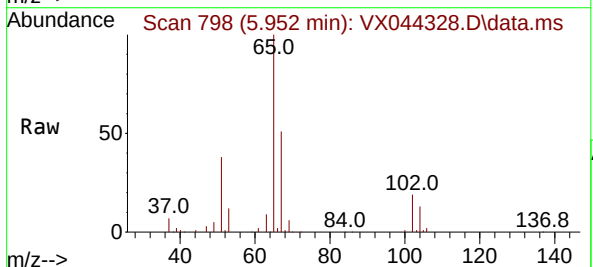


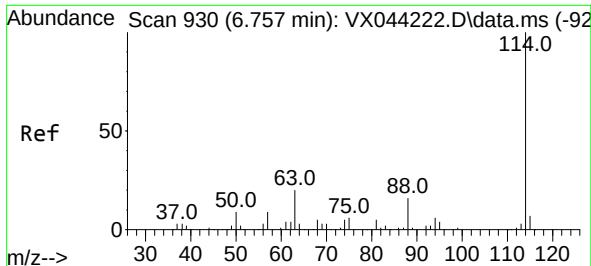
Tgt Ion: 56 Resp: 3077
Ion Ratio Lower Upper
56 100
69 145.5 24.7 37.1#
84 108.2 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 46.311 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044328.D
Acq: 16 Dec 2024 16:53

Tgt Ion: 65 Resp: 93582
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.6

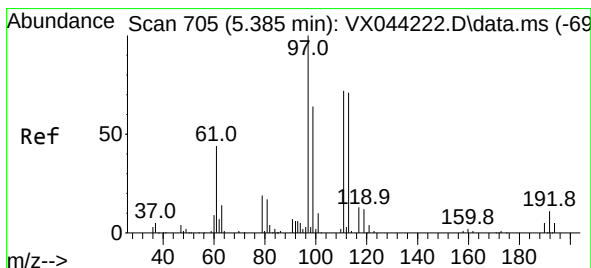
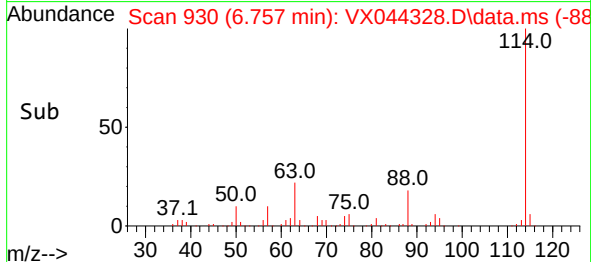
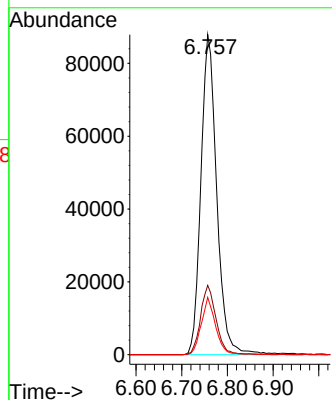
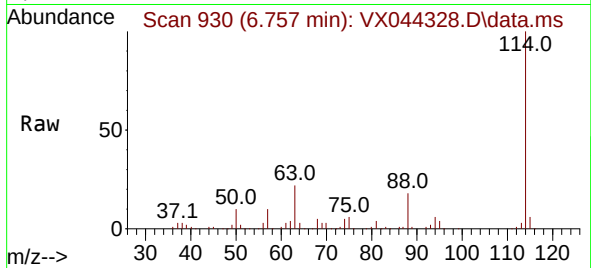




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX044328.D
Acq: 16 Dec 2024 16:53

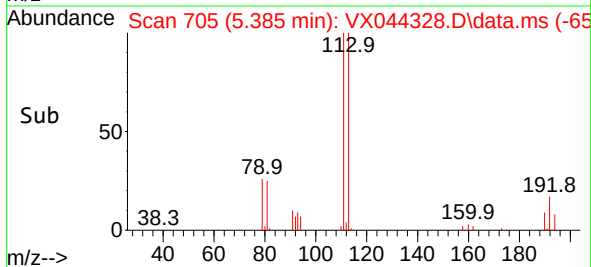
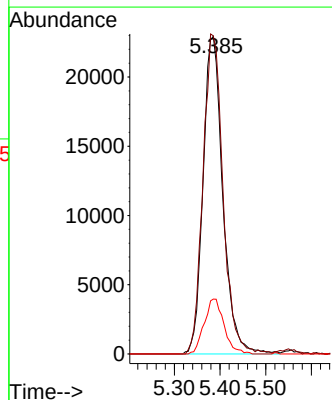
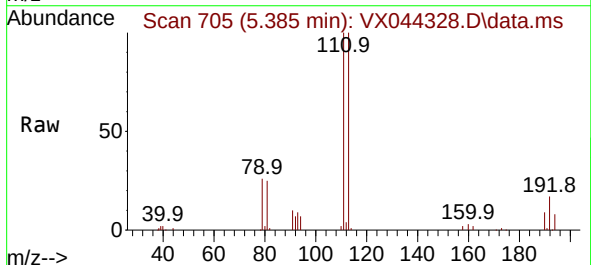
Instrument :
MSVOA_X
ClientSampleId :

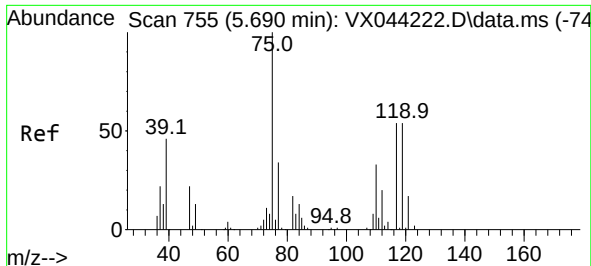
Tgt Ion:114 Resp: 211101
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.6
88 17.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.083 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044328.D
Acq: 16 Dec 2024 16:53

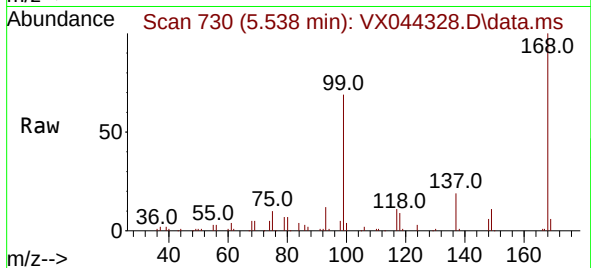
Tgt Ion:113 Resp: 68839
Ion Ratio Lower Upper
113 100
111 102.1 80.4 120.6
192 17.4 13.3 19.9



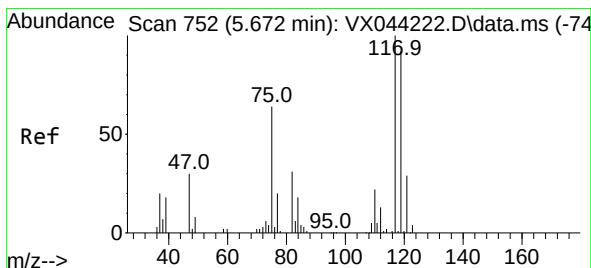
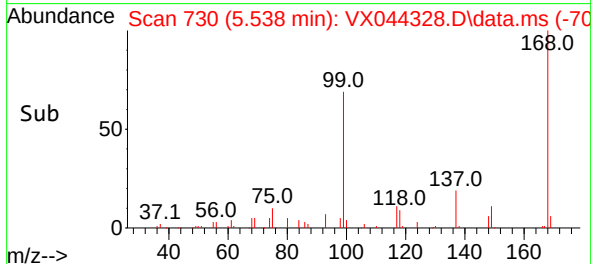
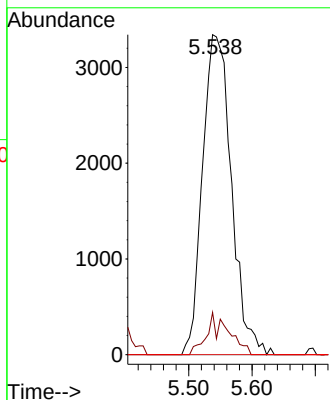


#36
1,1-Dichloropropene
Concen: 5.602 ug/l
RT: 5.538 min Scan# 710
Delta R.T. -0.152 min
Lab File: VX044328.D
Acq: 16 Dec 2024 16:53

Instrument :
MSVOA_X
ClientSampleId :

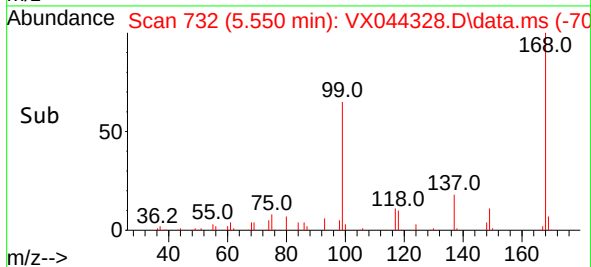
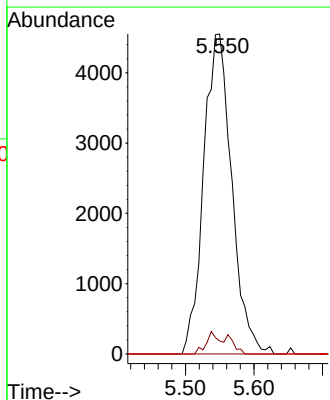
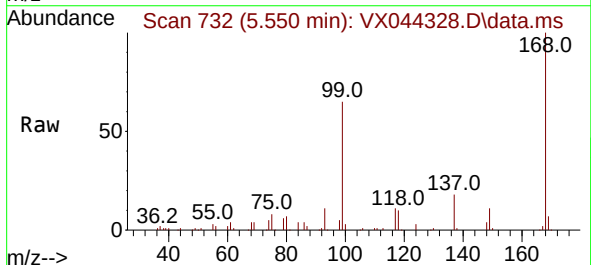


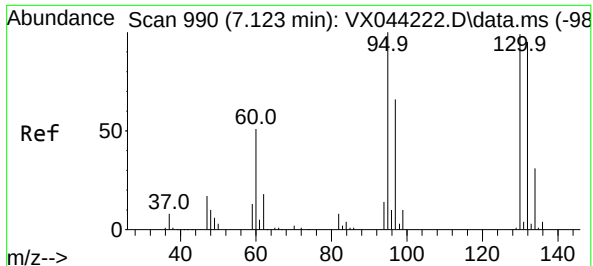
Tgt Ion: 75 Resp: 10588
Ion Ratio Lower Upper
75 100
110 4.5 17.3 51.7#
77 0.0 25.4 38.0#



#38
Carbon Tetrachloride
Concen: 6.371 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX044328.D
Acq: 16 Dec 2024 16:53

Tgt Ion: 117 Resp: 12964
Ion Ratio Lower Upper
117 100
119 4.1 74.2 111.4#
121 0.0 23.0 34.6#

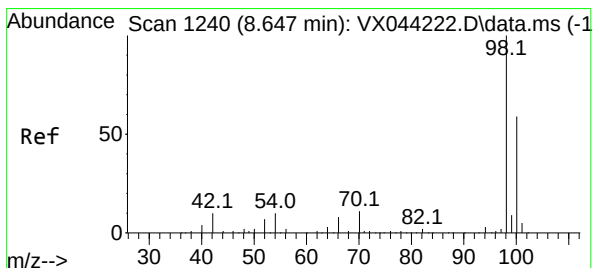
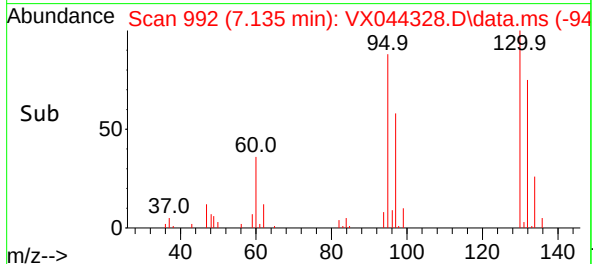
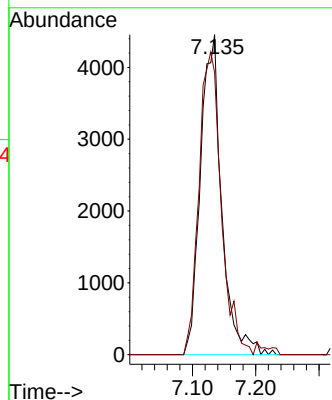
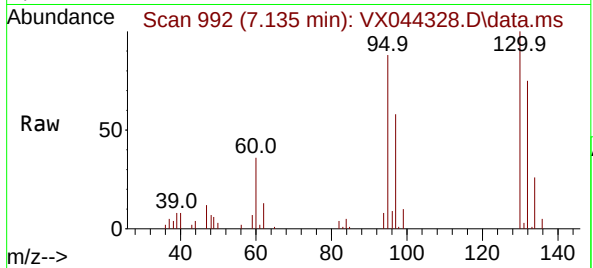




#44
 Trichloroethene
 Concen: 7.272 ug/l
 RT: 7.135 min Scan# 990
 Delta R.T. 0.012 min
 Lab File: VX044328.D
 Acq: 16 Dec 2024 16:53

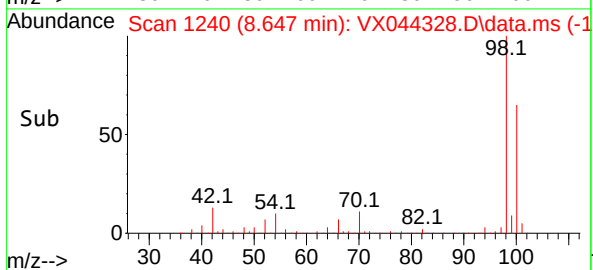
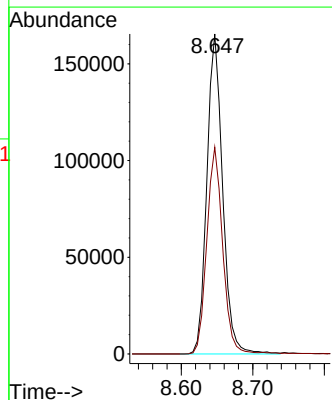
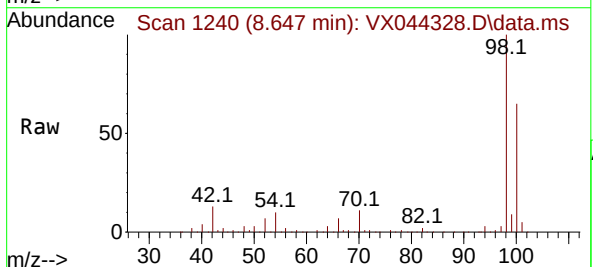
Instrument :
 MSVOA_X
 ClientSampleId :

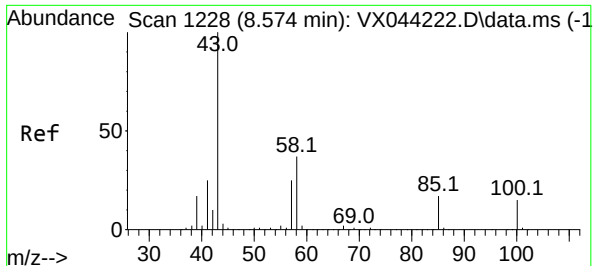
Tgt Ion:130 Resp: 10406
 Ion Ratio Lower Upper
 130 100
 95 88.2 0.0 201.4



#50
 Toluene-d8
 Concen: 51.377 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.000 min
 Lab File: VX044328.D
 Acq: 16 Dec 2024 16:53

Tgt Ion: 98 Resp: 253422
 Ion Ratio Lower Upper
 98 100
 100 65.5 51.5 77.3

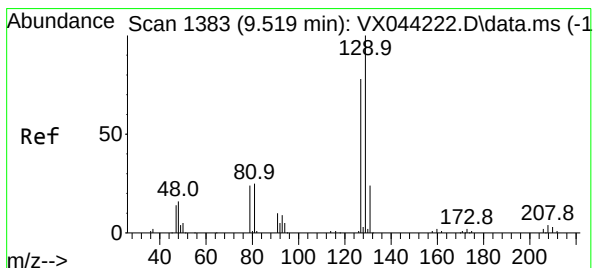
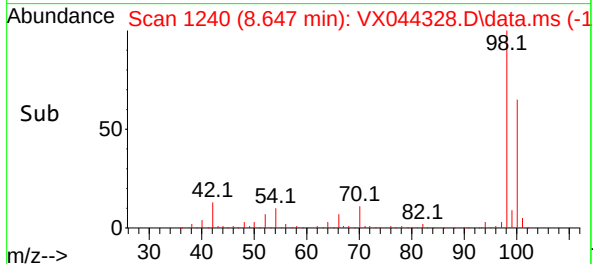
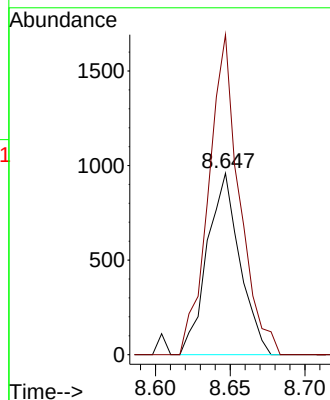
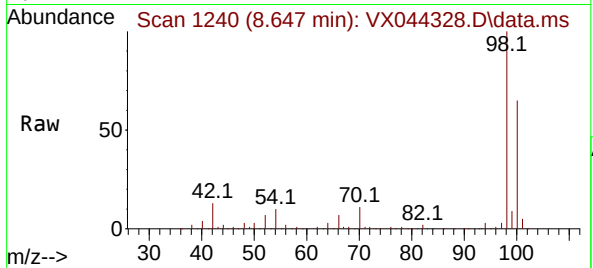




#51
4-Methyl-2-Pentanone
Concen: 0.620 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX044328.D
Acq: 16 Dec 2024 16:53

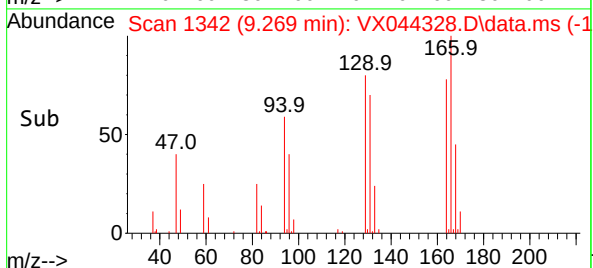
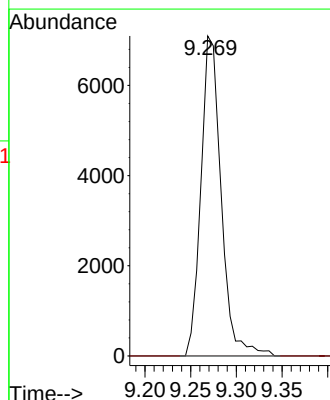
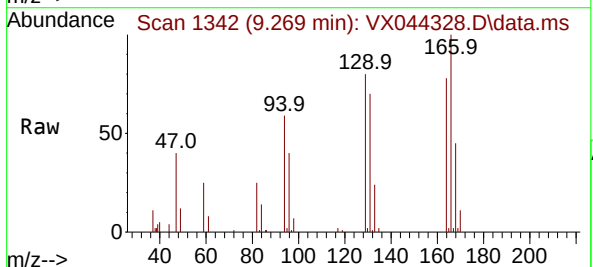
Instrument :
MSVOA_X
ClientSampleId :

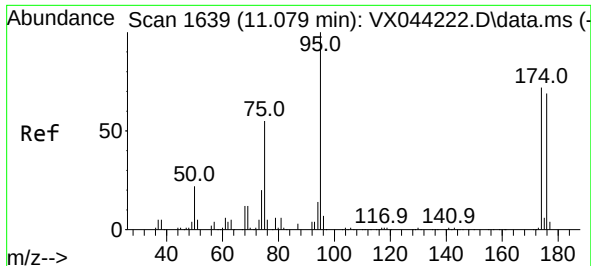
Tgt Ion: 43 Resp: 1455
Ion Ratio Lower Upper
43 100
58 166.8 29.4 44.0#



#60
Dibromochloromethane
Concen: 8.526 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.250 min
Lab File: VX044328.D
Acq: 16 Dec 2024 16:53

Tgt Ion: 129 Resp: 10914
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#





#62

4-Bromofluorobenzene

Concen: 46.495 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044328.D

Acq: 16 Dec 2024 16:53

Instrument :

MSVOA_X

ClientSampleId :

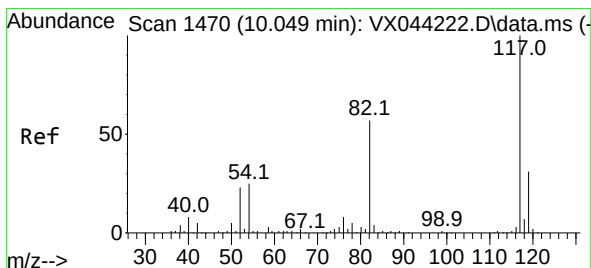
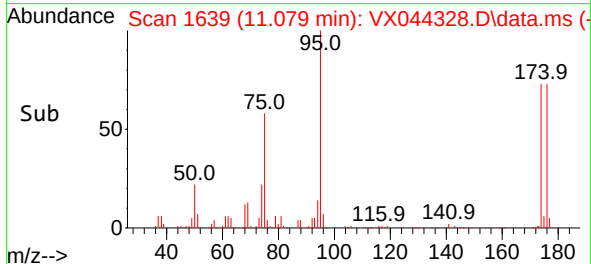
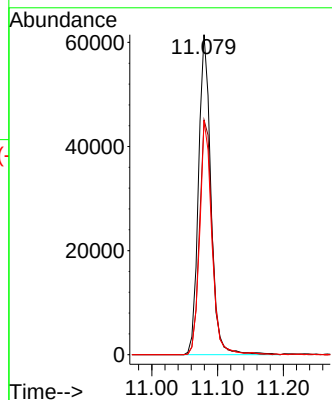
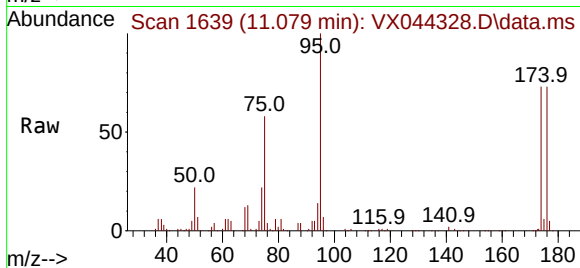
Tgt Ion: 95 Resp: 80137

Ion Ratio Lower Upper

95 100

174 76.1 0.0 145.8

176 71.5 0.0 137.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044328.D

Acq: 16 Dec 2024 16:53

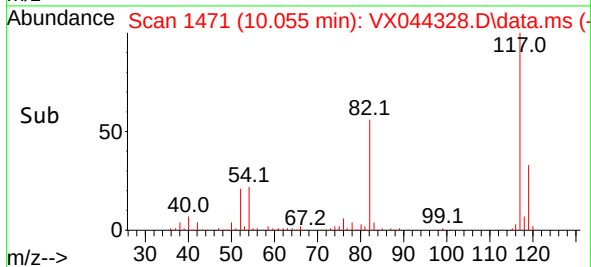
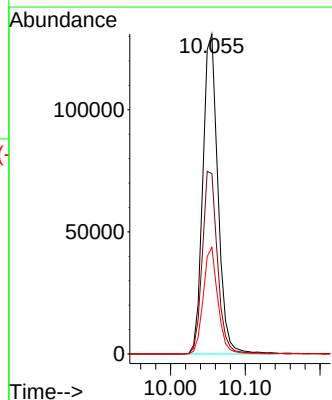
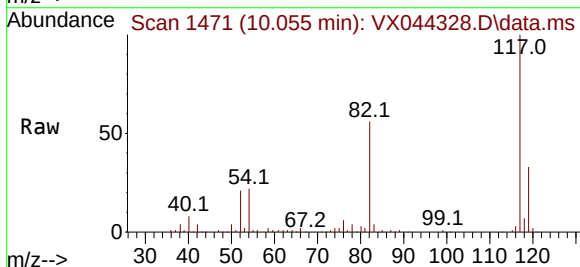
Tgt Ion: 117 Resp: 183791

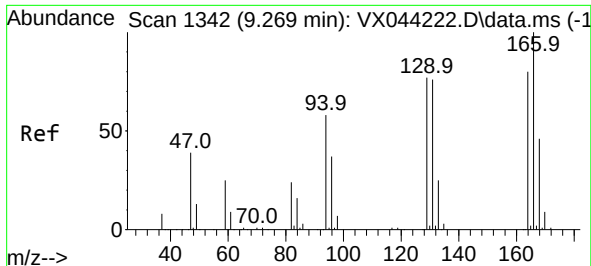
Ion Ratio Lower Upper

117 100

82 56.4 45.8 68.8

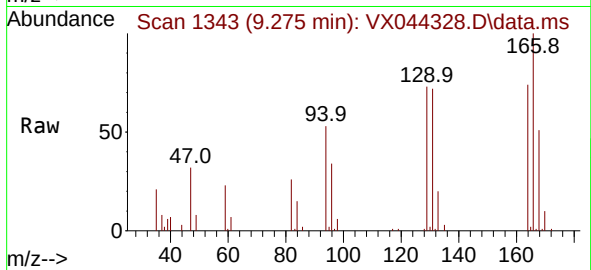
119 33.4 25.0 37.4



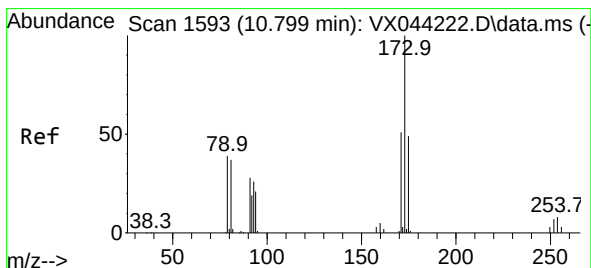
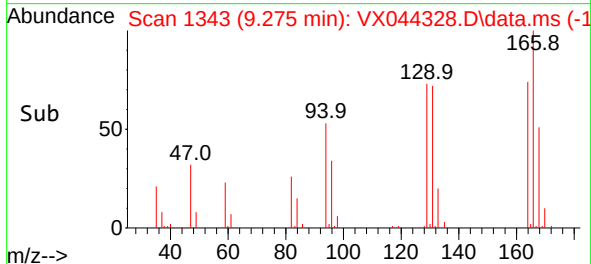
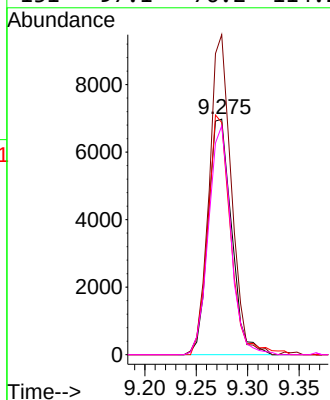


#64
Tetrachloroethene
Concen: 9.087 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044328.D
Acq: 16 Dec 2024 16:53

Instrument :
MSVOA_X
ClientSampleId :

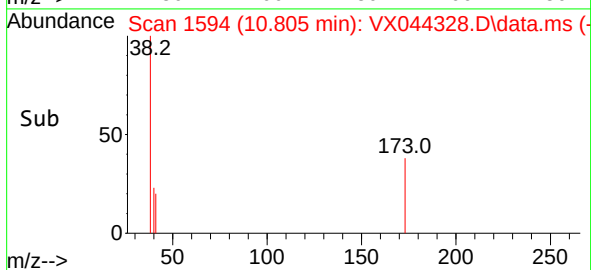
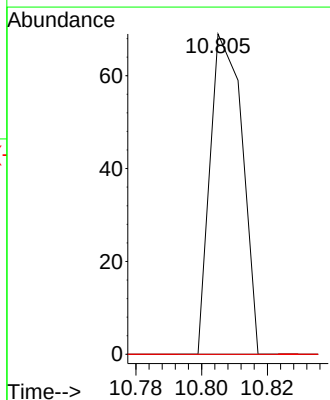
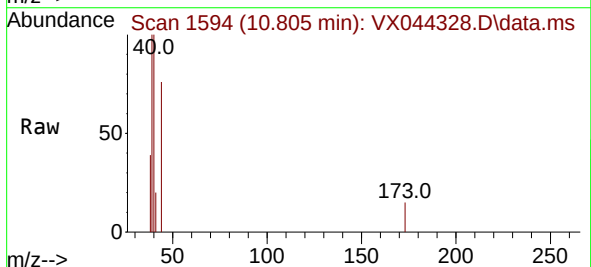


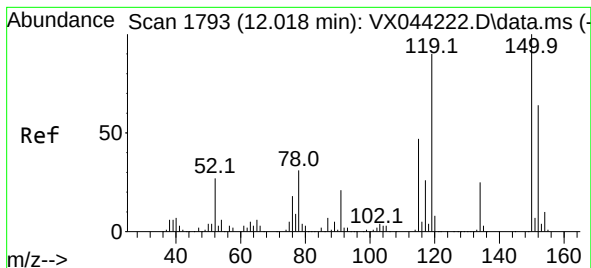
Tgt Ion:164 Resp: 11085
Ion Ratio Lower Upper
164 100
166 135.8 100.4 150.6
129 98.6 77.2 115.8
131 97.1 76.2 114.2



#71
Bromoform
Concen: 1.287 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX044328.D
Acq: 16 Dec 2024 16:53

Tgt Ion:173 Resp: 47
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: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044328.D

Acq: 16 Dec 2024 16:53

Instrument :

MSVOA_X

ClientSampleId :

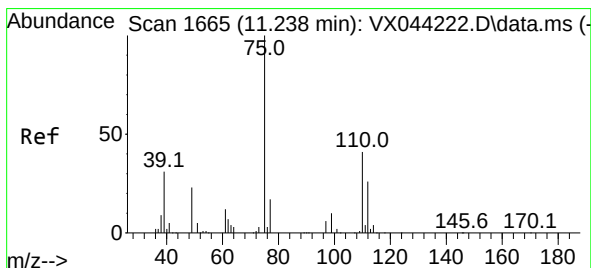
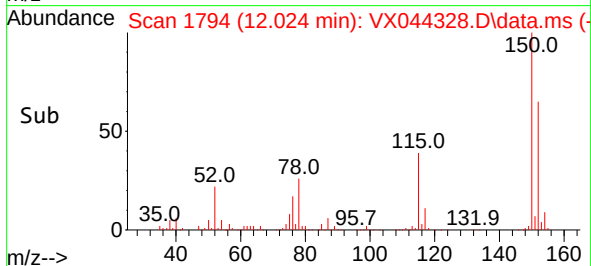
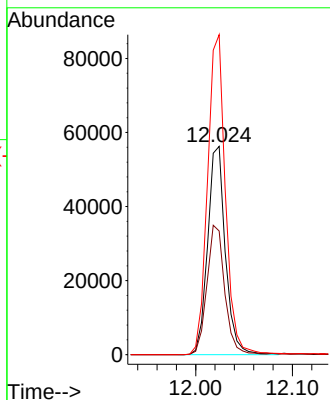
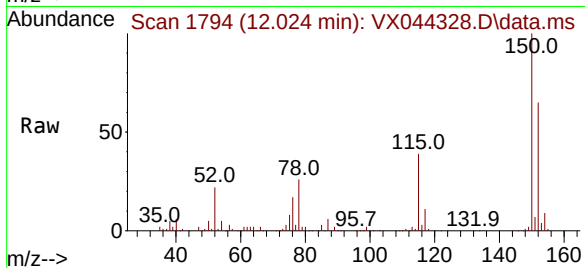
Tgt Ion:152 Resp: 71963

Ion Ratio Lower Upper

152 100

115 62.3 44.5 133.3

150 154.9 0.0 353.8



#76

1,2,3-Trichloropropane

Concen: 28.308 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044328.D

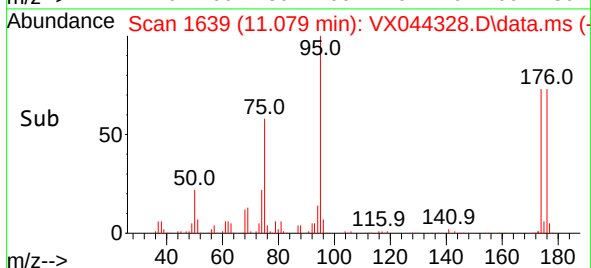
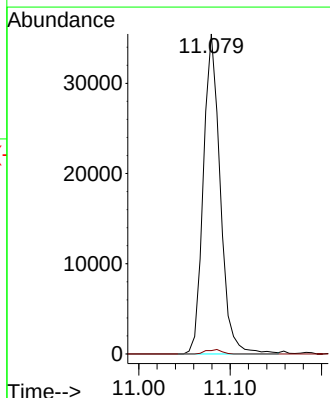
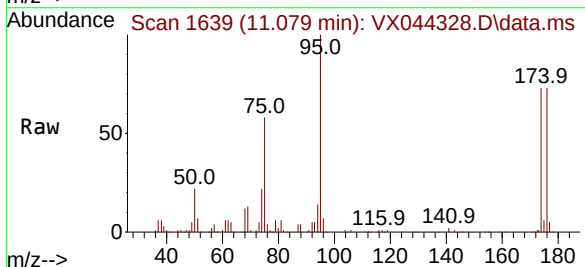
Acq: 16 Dec 2024 16:53

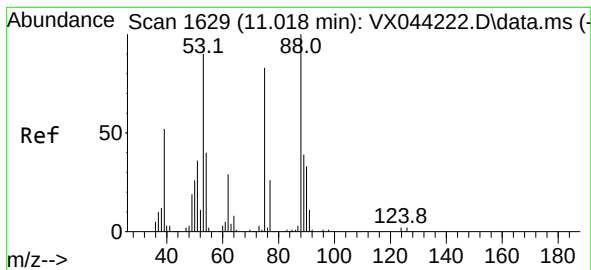
Tgt Ion: 75 Resp: 45484

Ion Ratio Lower Upper

75 100

77 1.3 20.9 62.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.645 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX044328.D
 Acq: 16 Dec 2024 16:53

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 45484
 Ion Ratio Lower Upper
 75 100
 53 0.0 93.6 140.4#
 89 0.0 37.3 55.9#

