

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044406.D
 Acq On : 19 Dec 2024 02:10
 Operator : JC/MD
 Sample : P5317-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 19 05:08:40 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)

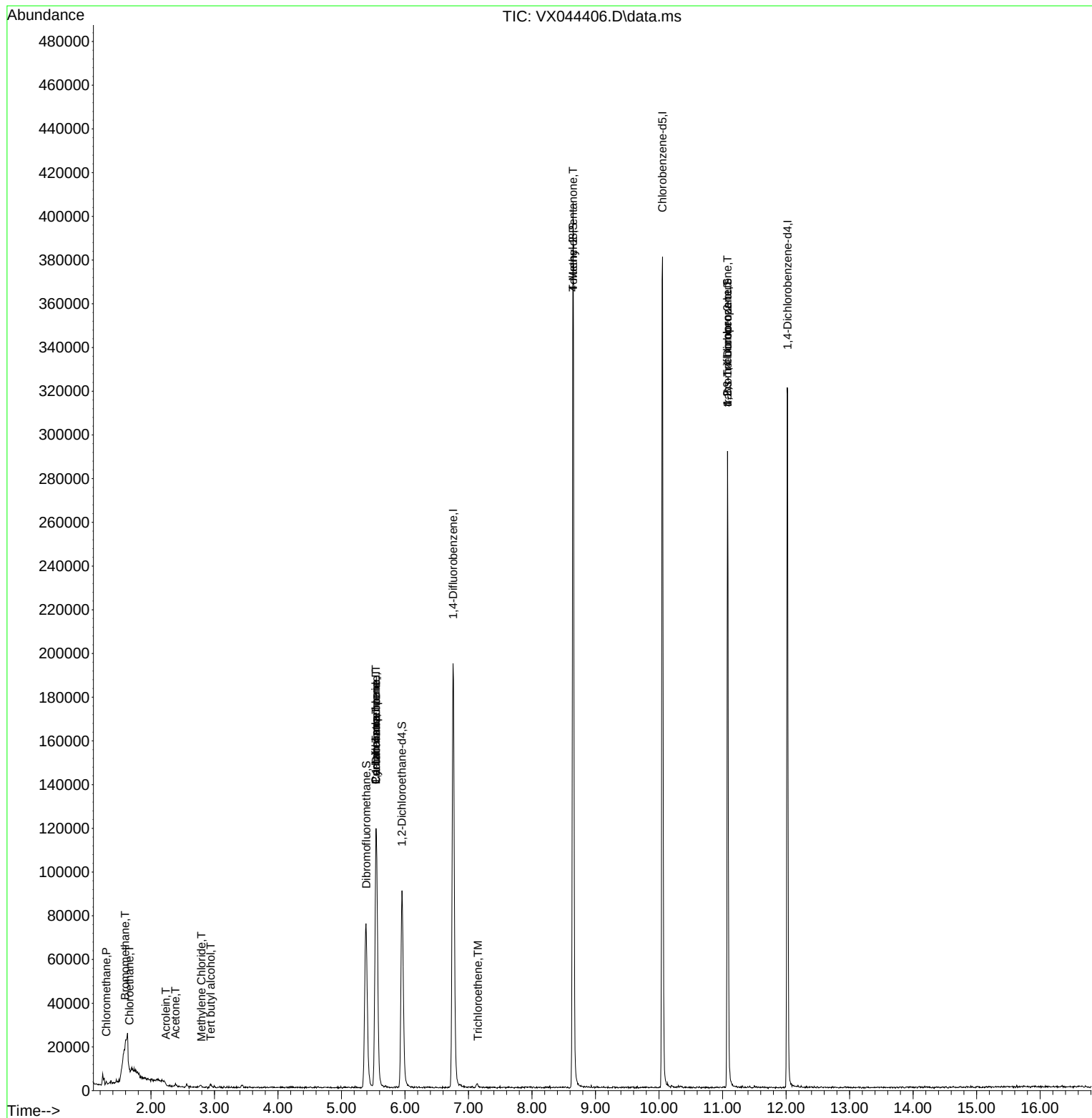
Internal Standards						
1) Pentafluorobenzene	5.544	168	108582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	195784	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	169226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86639	45.509	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.020%		
35) Dibromofluoromethane	5.391	113	63576	46.886	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.780%		
50) Toluene-d8	8.647	98	237663	51.952	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.900%		
62) 4-Bromofluorobenzene	11.079	95	73978	46.279	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	92.560%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	996	0.620	ug/l #	79
5) Bromomethane	1.593	94	525	0.442	ug/l #	52
6) Chloroethane	1.660	64	428	0.411	ug/l #	41
11) Tert butyl alcohol	2.940	59	559	2.083	ug/l #	71
13) Acrolein	2.233	56	110	0.283	ug/l #	35
16) Acetone	2.386	43	1253	1.614	ug/l	91
20) Methylene Chloride	2.794	84	504	0.346	ug/l #	69
31) Cyclohexane	5.544	56	2617	1.274	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	9836	5.612	ug/l #	51
38) Carbon Tetrachloride	5.544	117	11875	6.293	ug/l #	17
44) Trichloroethene	7.147	130	823	0.620	ug/l	64
51) 4-Methyl-2-Pentanone	8.647	43	1250	0.574	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	40519	27.258	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	40519	74.973	ug/l #	4

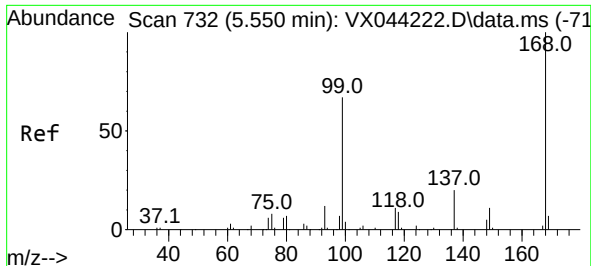
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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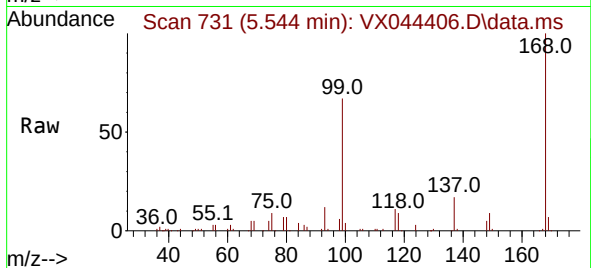


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044406.D
Acq: 19 Dec 2024 02:10

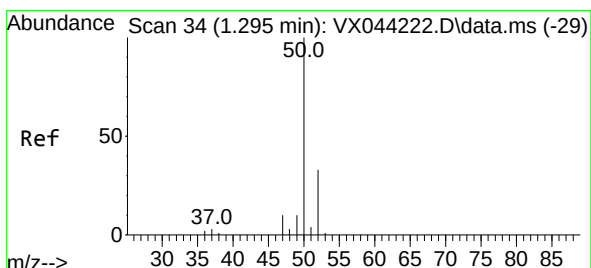
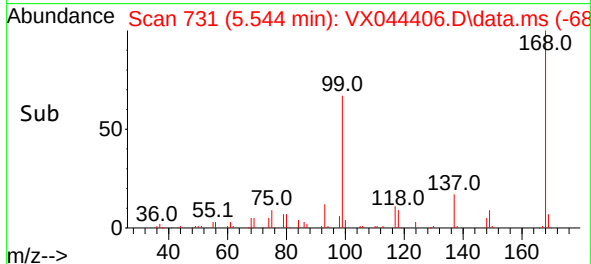
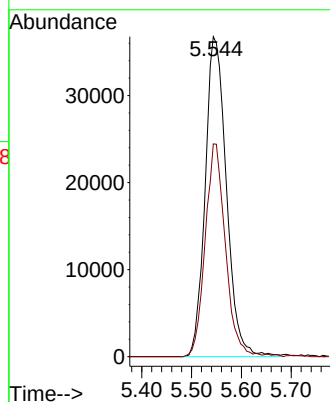
Instrument :

MSVOA_X

ClientSampleId :

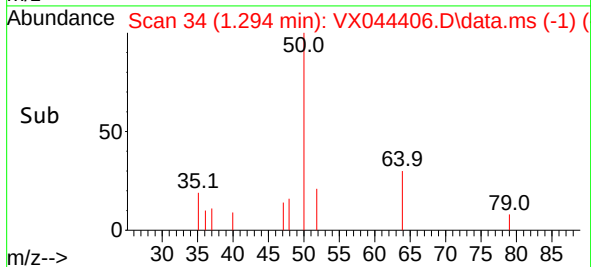
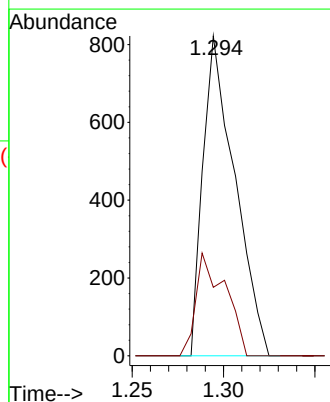
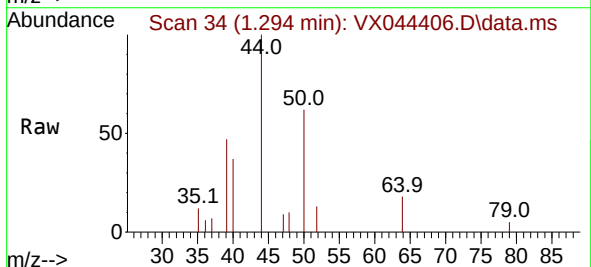


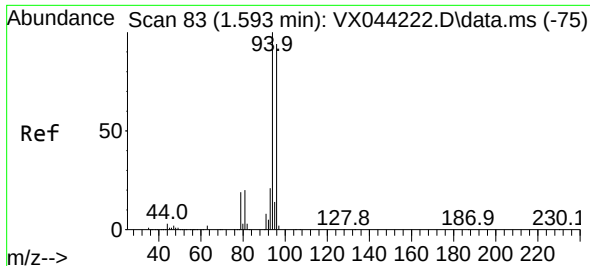
Tgt Ion:168 Resp: 108582
Ion Ratio Lower Upper
168 100
99 66.5 53.4 80.0



#3
Chloromethane
Concen: 0.620 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044406.D
Acq: 19 Dec 2024 02:10

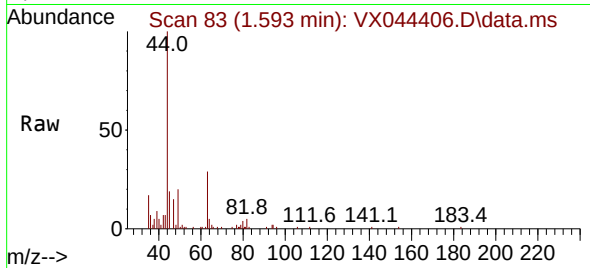
Tgt Ion: 50 Resp: 996
Ion Ratio Lower Upper
50 100
52 21.4 26.5 39.7#



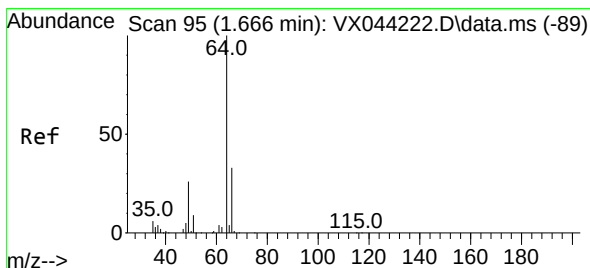
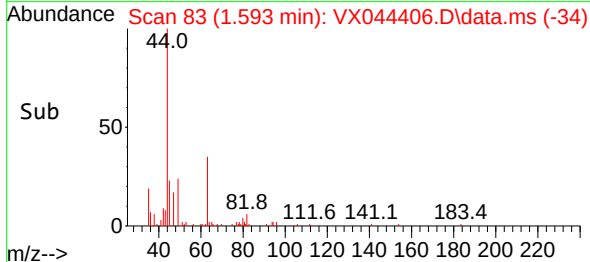
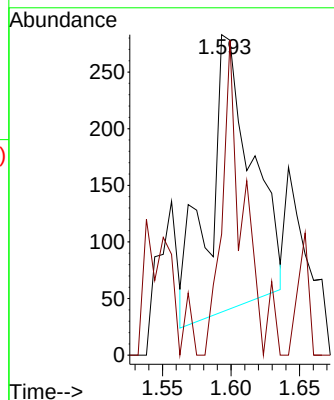


#5
Bromomethane
Concen: 0.442 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX044406.D
Acq: 19 Dec 2024 02:10

Instrument :
MSVOA_X
ClientSampleId :

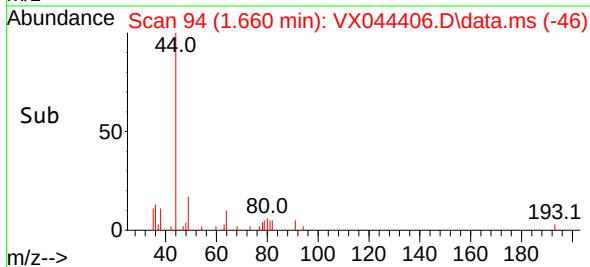
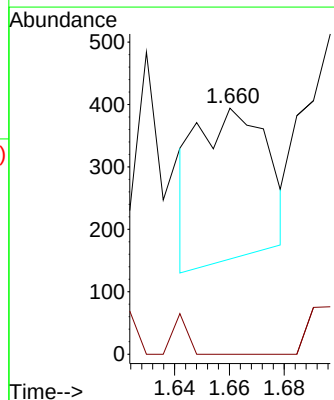
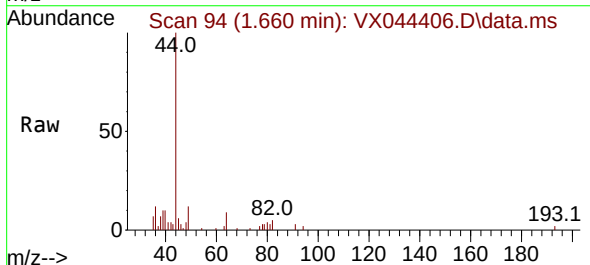


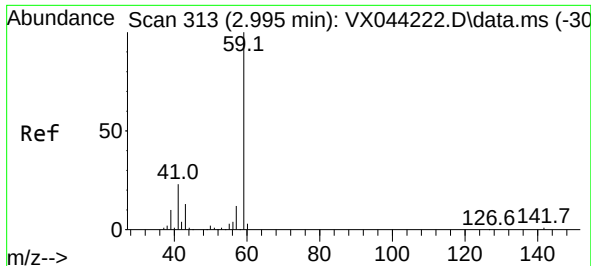
Tgt Ion: 94 Resp: 525
Ion Ratio Lower Upper
94 100
96 47.6 74.9 112.3#



#6
Chloroethane
Concen: 0.411 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044406.D
Acq: 19 Dec 2024 02:10

Tgt Ion: 64 Resp: 428
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#

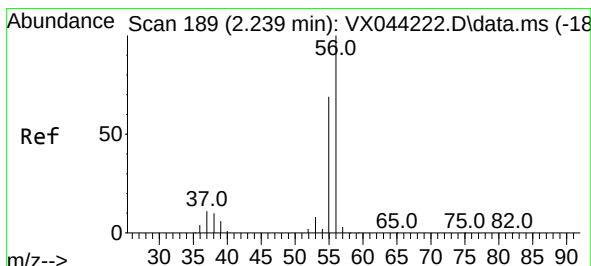
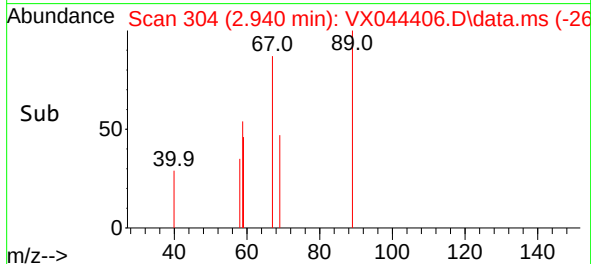
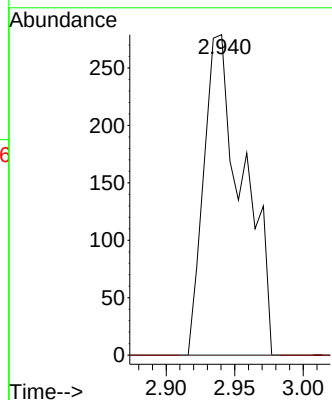
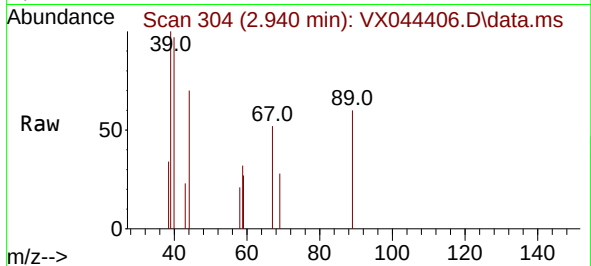




#11
Tert butyl alcohol
Concen: 2.083 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX044406.D
Acq: 19 Dec 2024 02:10

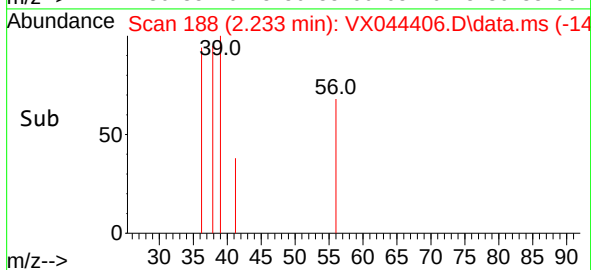
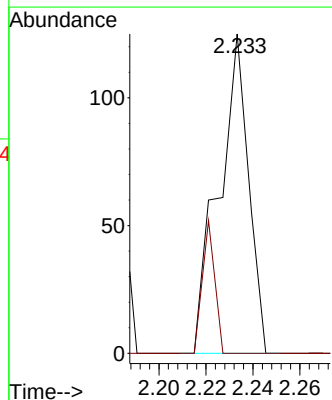
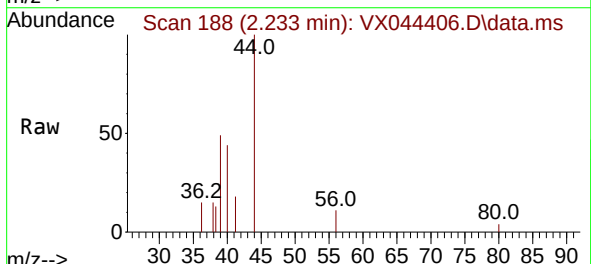
Instrument :
MSVOA_X
ClientSampleId :

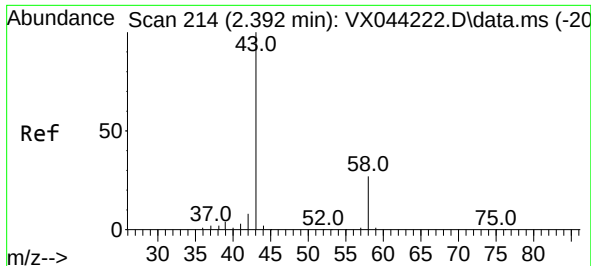
Tgt Ion: 59 Resp: 559
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



#13
Acrolein
Concen: 0.283 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX044406.D
Acq: 19 Dec 2024 02:10

Tgt Ion: 56 Resp: 110
Ion Ratio Lower Upper
56 100
55 17.3 56.6 84.8#





#16

Acetone

Concen: 1.614 ug/l

RT: 2.386 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX044406.D

Acq: 19 Dec 2024 02:10

Instrument :

MSVOA_X

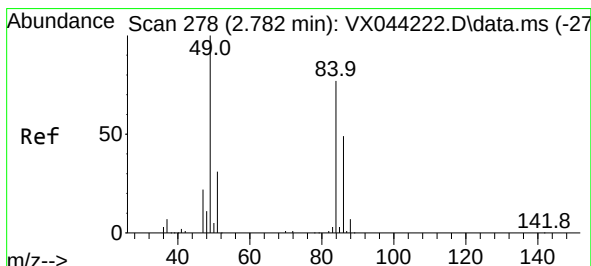
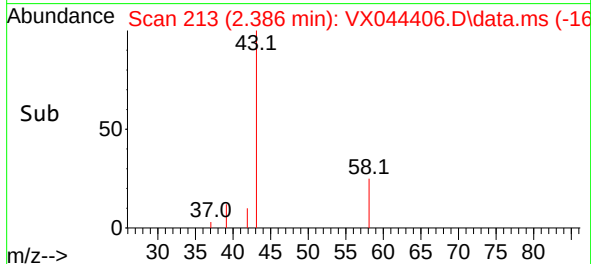
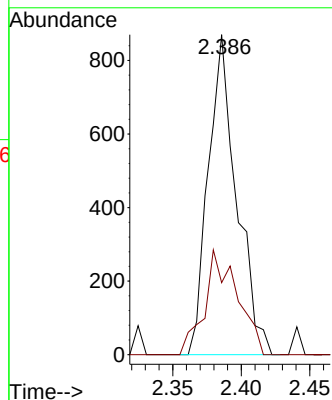
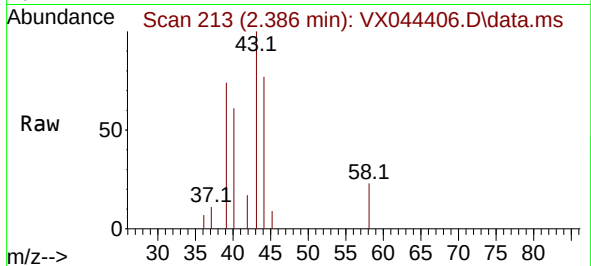
ClientSampleId :

Tgt Ion: 43 Resp: 1253

Ion Ratio Lower Upper

43 100

58 22.5 21.6 32.4



#20

Methylene Chloride

Concen: 0.346 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.012 min

Lab File: VX044406.D

Acq: 19 Dec 2024 02:10

Tgt Ion: 84 Resp: 504

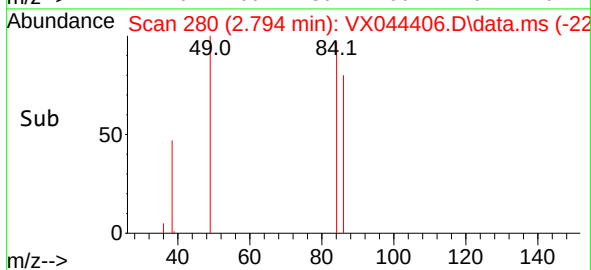
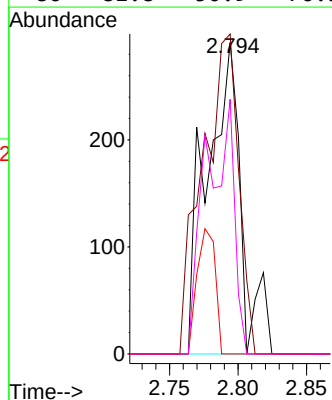
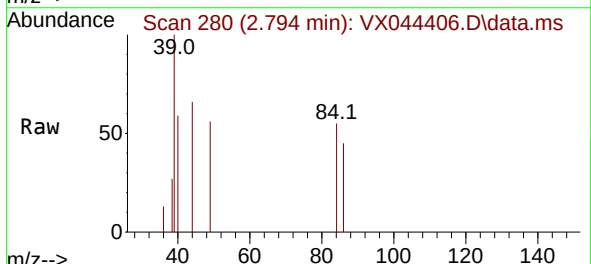
Ion Ratio Lower Upper

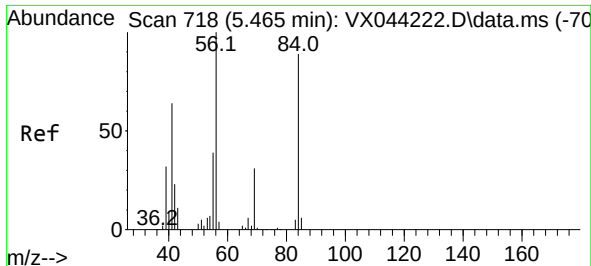
84 100

49 102.7 104.2 156.4#

51 0.0 32.2 48.4#

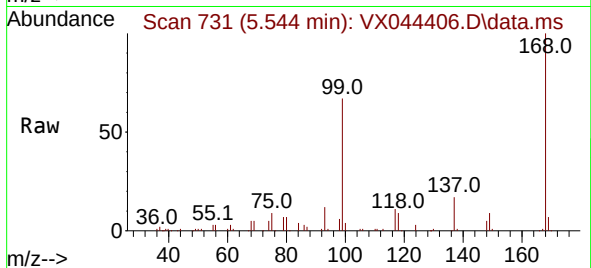
86 81.8 50.9 76.3#



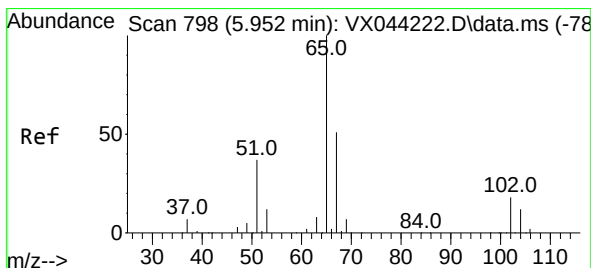
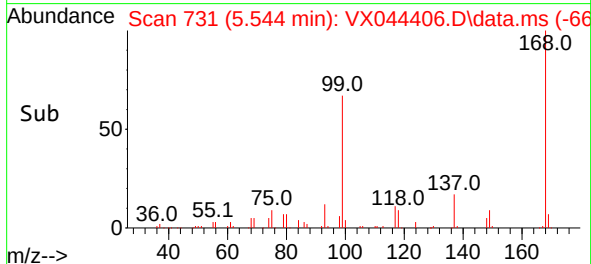
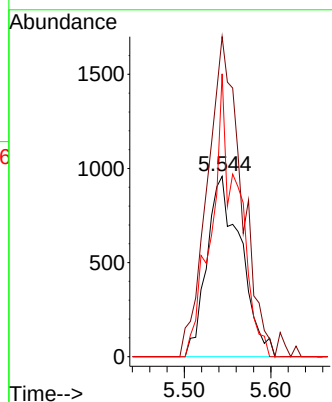


#31
Cyclohexane
Concen: 1.274 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX044406.D
Acq: 19 Dec 2024 02:10

Instrument :
MSVOA_X
ClientSampleId :

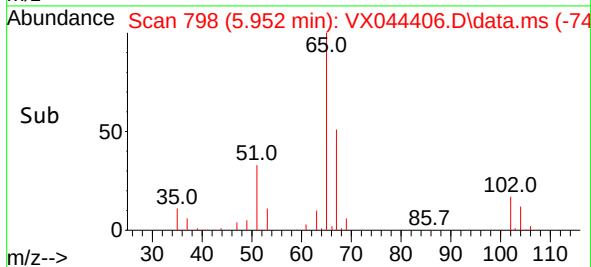
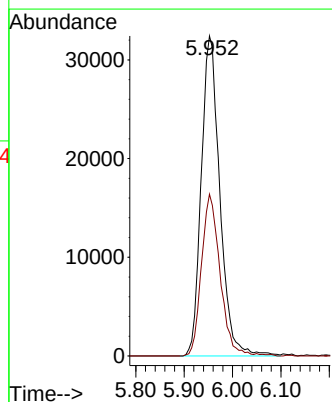
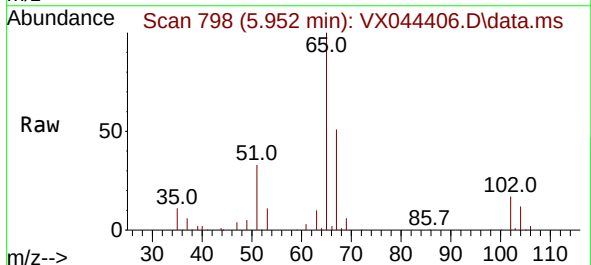


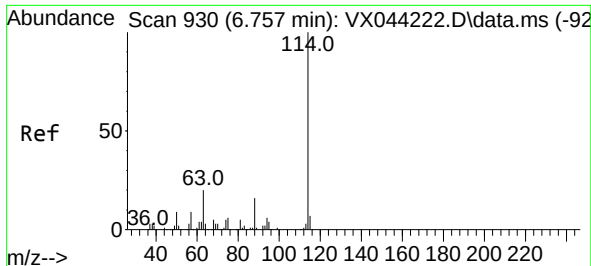
Tgt Ion: 56 Resp: 2617
Ion Ratio Lower Upper
56 100
69 177.5 24.7 37.1#
84 156.9 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 45.509 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044406.D
Acq: 19 Dec 2024 02:10

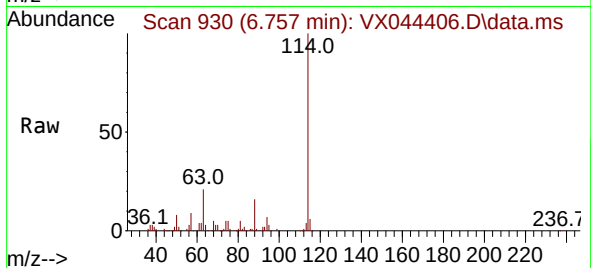
Tgt Ion: 65 Resp: 86639
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.6



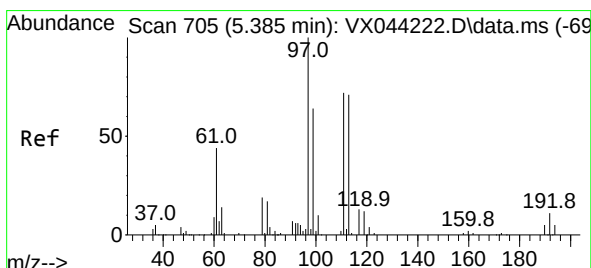
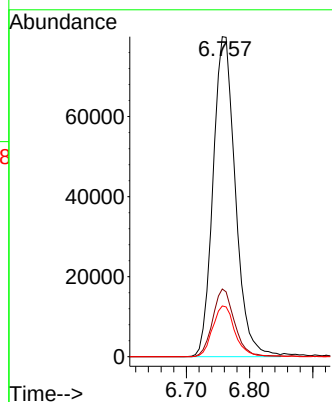
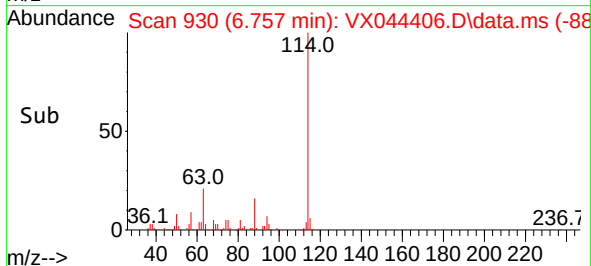


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044406.D
Acq: 19 Dec 2024 02:10

Instrument :
MSVOA_X
ClientSampleId :

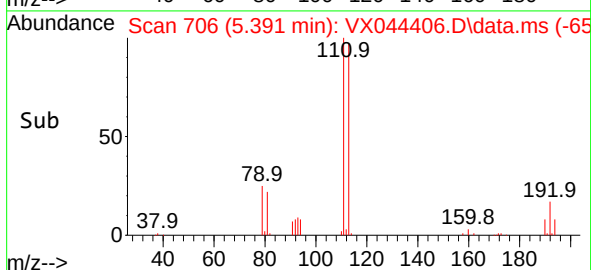
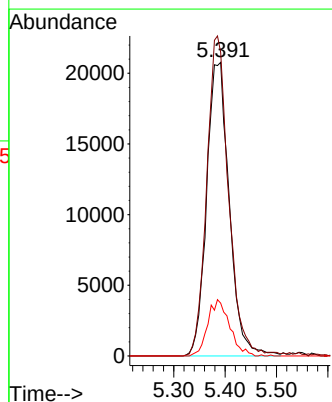
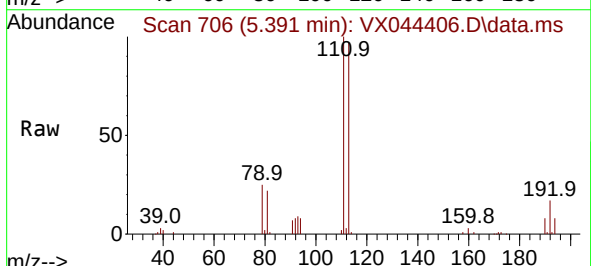


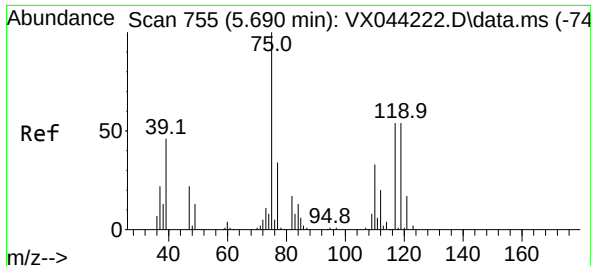
Tgt Ion:114 Resp: 195784
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.6
88 15.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.886 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX044406.D
Acq: 19 Dec 2024 02:10

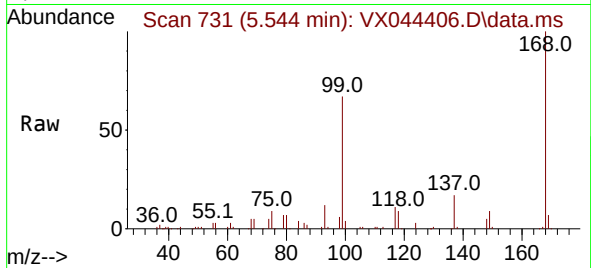
Tgt Ion:113 Resp: 63576
Ion Ratio Lower Upper
113 100
111 105.0 80.4 120.6
192 18.5 13.3 19.9



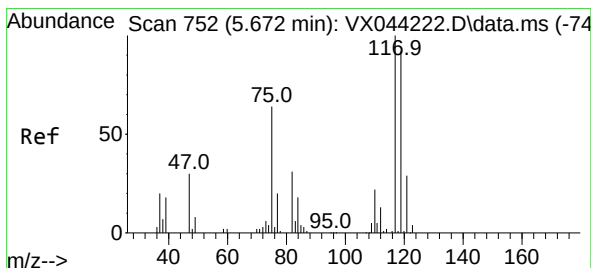
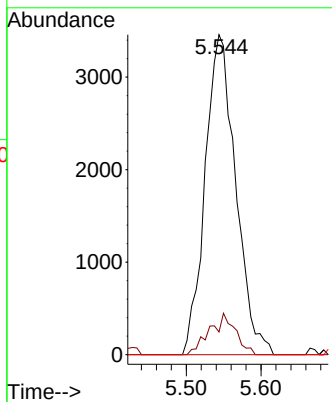
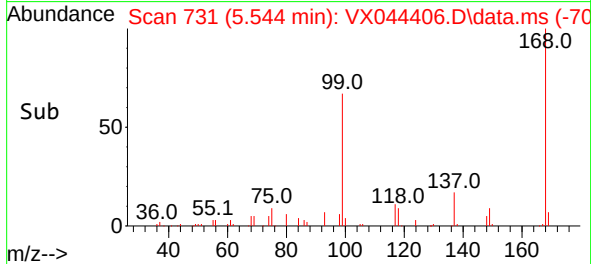


#36
 1,1-Dichloropropene
 Concen: 5.612 ug/l
 RT: 5.544 min Scan# 711
 Delta R.T. -0.146 min
 Lab File: VX044406.D
 Acq: 19 Dec 2024 02:10

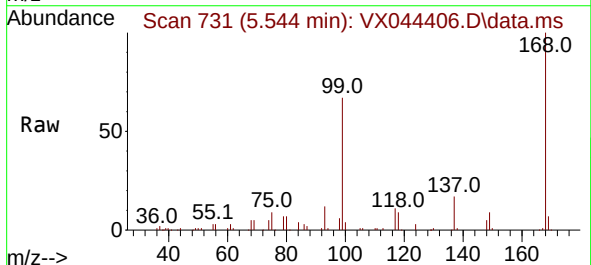
Instrument :
 MSVOA_X
 ClientSampleId :



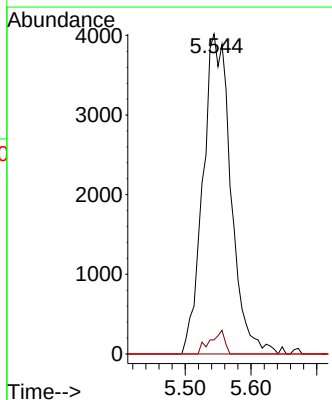
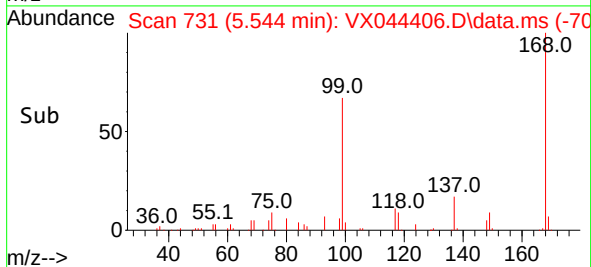
Tgt Ion: 75 Resp: 9836
 Ion Ratio Lower Upper
 75 100
 110 10.9 17.3 51.7#
 77 0.0 25.4 38.0#

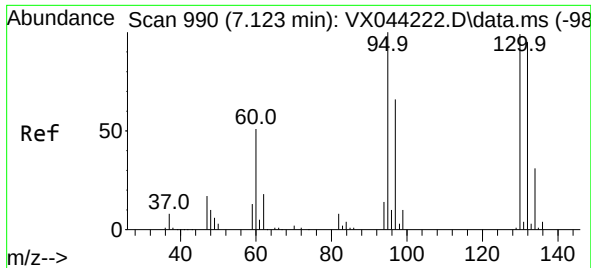


#38
 Carbon Tetrachloride
 Concen: 6.293 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. -0.128 min
 Lab File: VX044406.D
 Acq: 19 Dec 2024 02:10



Tgt Ion: 117 Resp: 11875
 Ion Ratio Lower Upper
 117 100
 119 4.4 74.2 111.4#
 121 0.0 23.0 34.6#

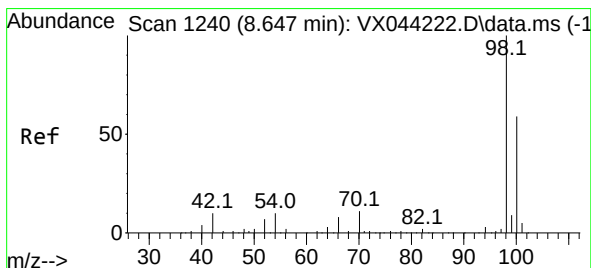
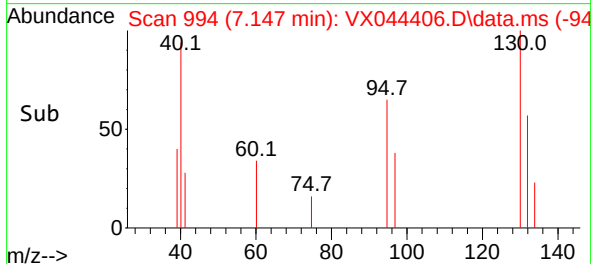
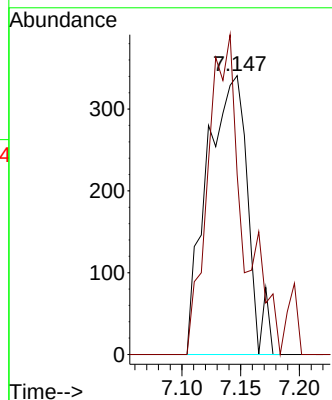
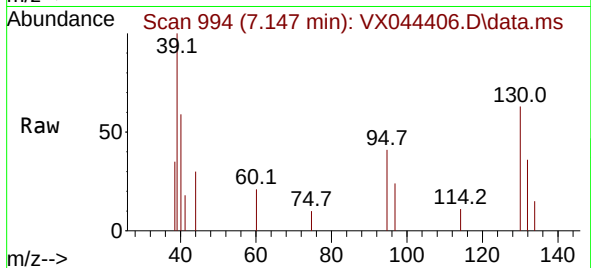




#44
Trichloroethene
Concen: 0.620 ug/l
RT: 7.147 min Scan# 990
Delta R.T. 0.024 min
Lab File: VX044406.D
Acq: 19 Dec 2024 02:10

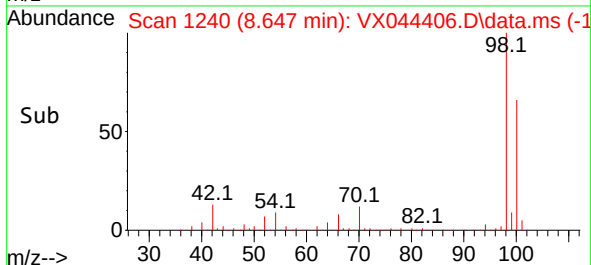
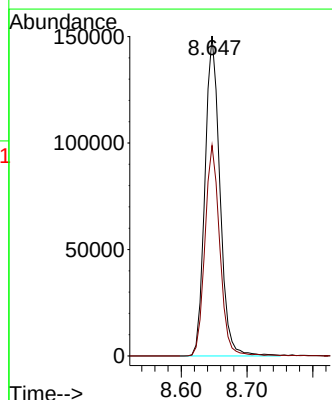
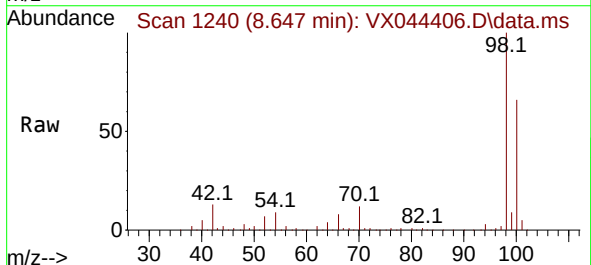
Instrument :
MSVOA_X
ClientSampleId :

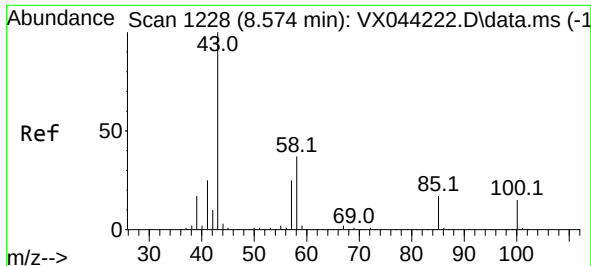
Tgt Ion:130 Resp: 823
Ion Ratio Lower Upper
130 100
95 64.5 0.0 201.4



#50
Toluene-d8
Concen: 51.952 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044406.D
Acq: 19 Dec 2024 02:10

Tgt Ion: 98 Resp: 237663
Ion Ratio Lower Upper
98 100
100 65.5 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 0.574 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX044406.D

Acq: 19 Dec 2024 02:10

Instrument :

MSVOA_X

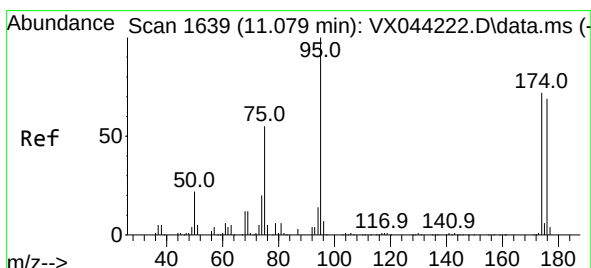
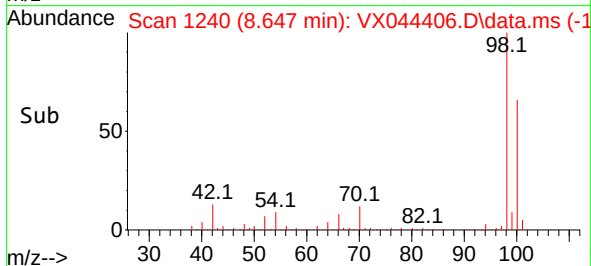
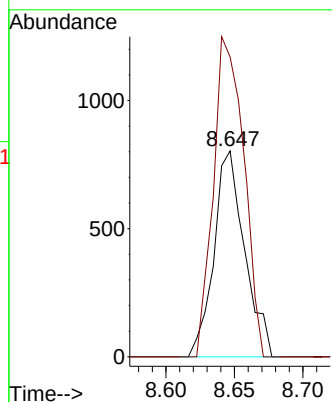
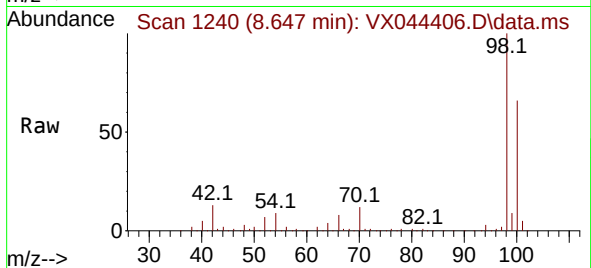
ClientSampleId :

Tgt Ion: 43 Resp: 1250

Ion Ratio Lower Upper

43 100

58 154.2 29.4 44.0#



#62

4-Bromofluorobenzene

Concen: 46.279 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044406.D

Acq: 19 Dec 2024 02:10

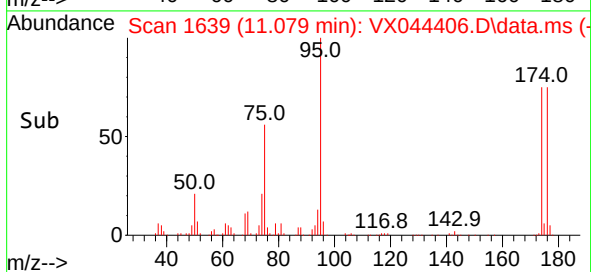
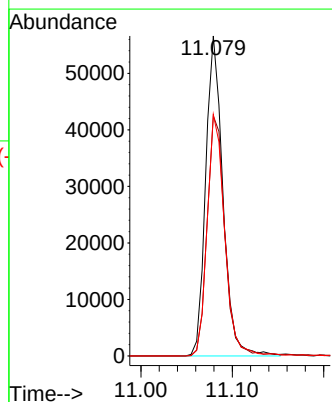
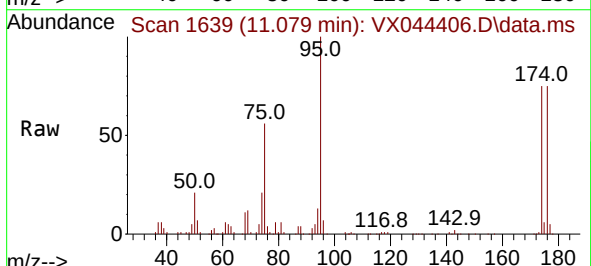
Tgt Ion: 95 Resp: 73978

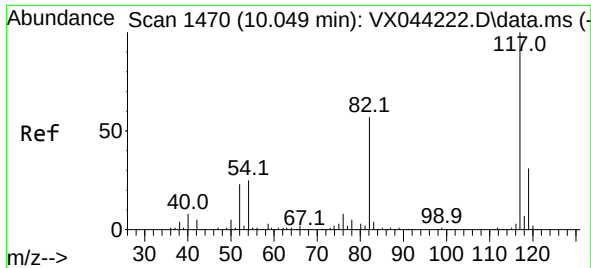
Ion Ratio Lower Upper

95 100

174 77.3 0.0 145.8

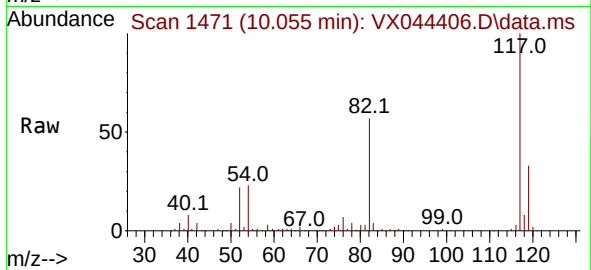
176 76.5 0.0 137.8



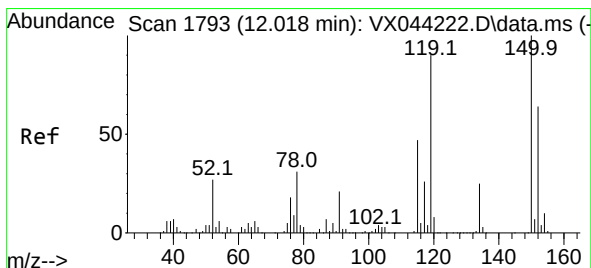
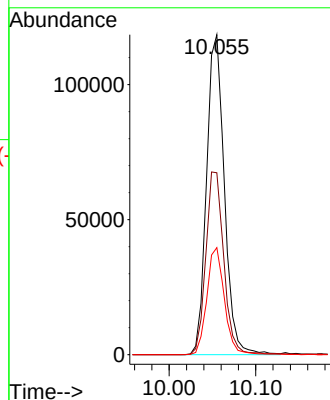
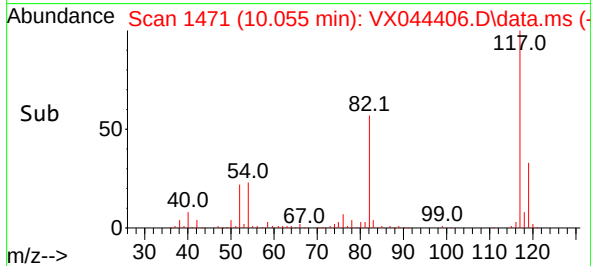


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044406.D
Acq: 19 Dec 2024 02:10

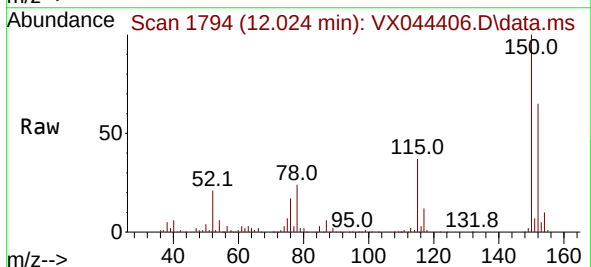
Instrument :
MSVOA_X
ClientSampleId :



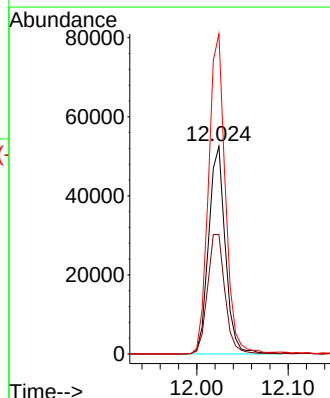
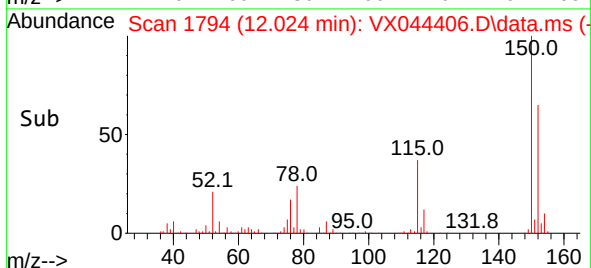
Tgt Ion:117 Resp: 169226
Ion Ratio Lower Upper
117 100
82 56.9 45.8 68.8
119 33.4 25.0 37.4

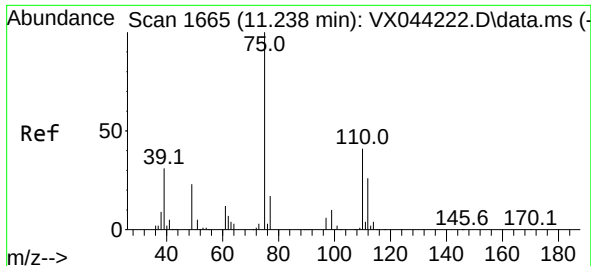


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX044406.D
Acq: 19 Dec 2024 02:10



Tgt Ion:152 Resp: 66576
Ion Ratio Lower Upper
152 100
115 60.4 44.5 133.3
150 154.6 0.0 353.8

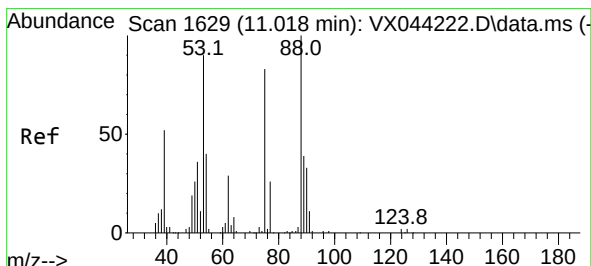
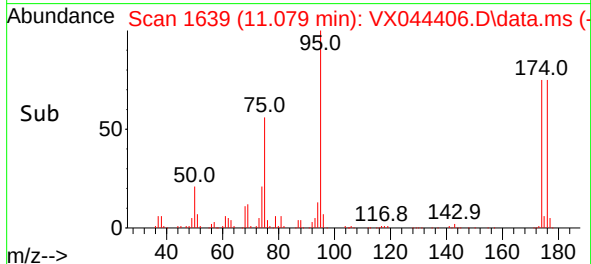
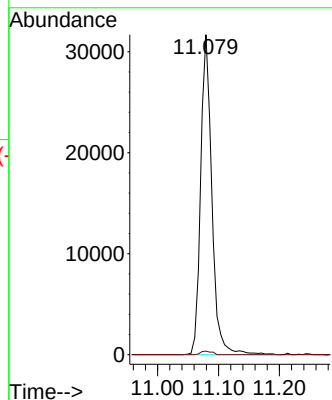
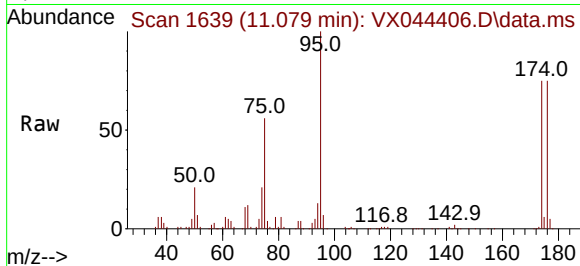




#76
1,2,3-Trichloropropane
Concen: 27.258 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044406.D
Acq: 19 Dec 2024 02:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 40519
Ion Ratio Lower Upper
75 100
77 1.1 20.9 62.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.973 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044406.D
Acq: 19 Dec 2024 02:10

Tgt Ion: 75 Resp: 40519
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.1 37.3 55.9#

