

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122024\
 Data File : VX044453.D
 Acq On : 20 Dec 2024 15:33
 Operator : JC/MD
 Sample : P5356-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STAND-PIPE

Quant Time: Dec 20 22:26:44 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)

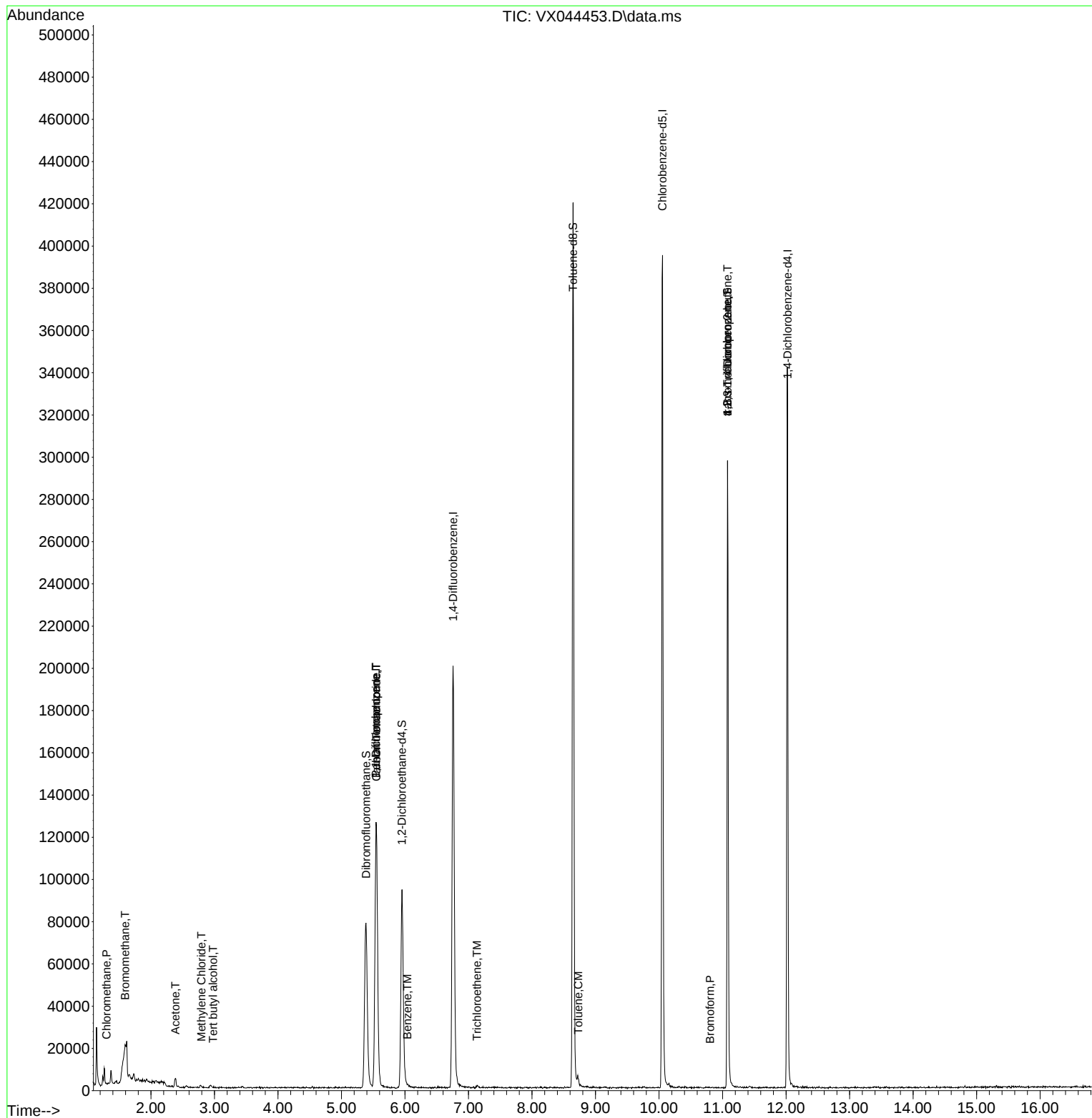
Internal Standards						
1) Pentafluorobenzene	5.544	168	118445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	208386	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89336	43.018	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.040%
35) Dibromofluoromethane	5.385	113	69323	48.032	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.060%
50) Toluene-d8	8.647	98	246126	50.548	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.100%
62) 4-Bromofluorobenzene	11.079	95	75854	44.583	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.160%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	351	0.200	ug/l	95
5) Bromomethane	1.593	94	557	0.430	ug/l #	67
11) Tert butyl alcohol	2.977	59	110	0.376	ug/l #	71
16) Acetone	2.386	43	4562	5.388	ug/l	97
20) Methylene Chloride	2.794	84	339	0.213	ug/l #	52
36) 1,1-Dichloropropene	5.544	75	9787	5.246	ug/l #	51
38) Carbon Tetrachloride	5.550	117	12392	6.170	ug/l #	16
40) Benzene	6.037	78	1145	0.202	ug/l #	87
44) Trichloroethene	7.135	130	375	0.265	ug/l	71
52) Toluene	8.726	92	1626	0.457	ug/l	79
71) Bromoform	10.805	173	49	1.291	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	41952	26.444	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	41952	72.901	ug/l #	4

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

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STAND-PIPE

Quant Time: Dec 20 22:26:44 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

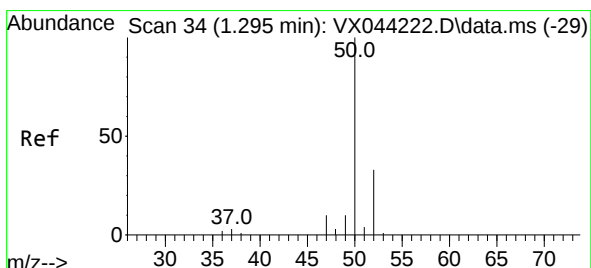
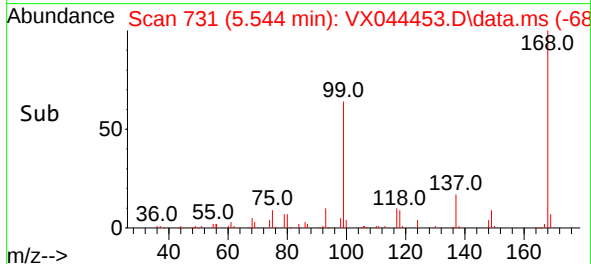
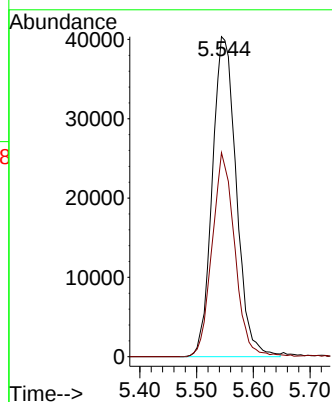
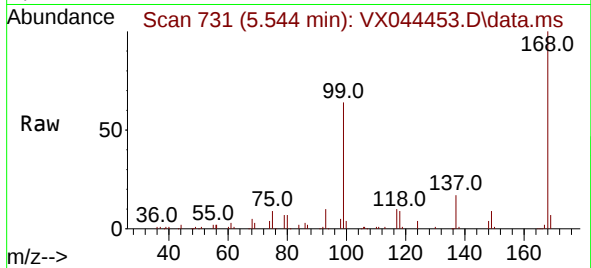




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044453.D
Acq: 20 Dec 2024 15:33

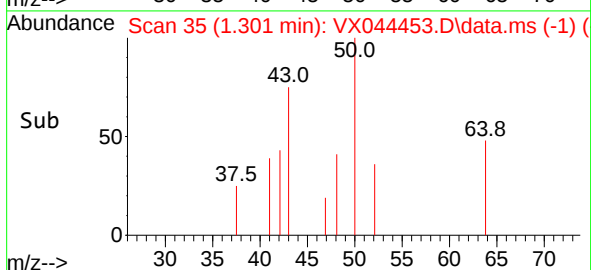
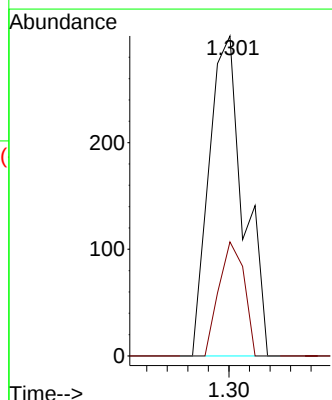
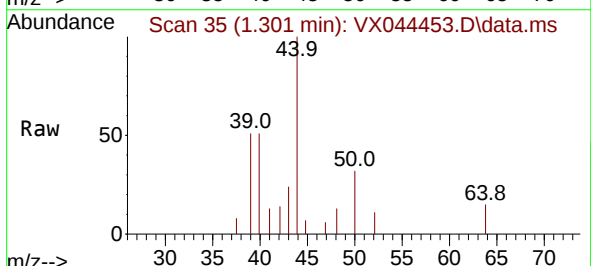
Instrument :
MSVOA_X
ClientSampleId :
STAND-PIPE

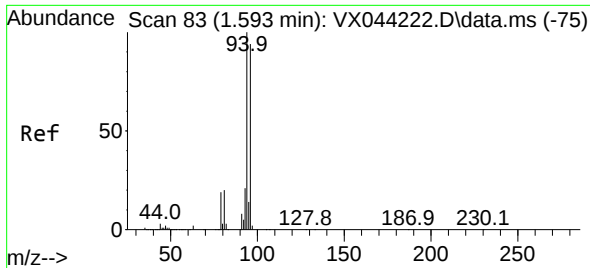
Tgt Ion:168 Resp: 118445
Ion Ratio Lower Upper
168 100
99 63.7 53.4 80.0



#3
Chloromethane
Concen: 0.200 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX044453.D
Acq: 20 Dec 2024 15:33

Tgt Ion: 50 Resp: 351
Ion Ratio Lower Upper
50 100
52 35.7 26.5 39.7

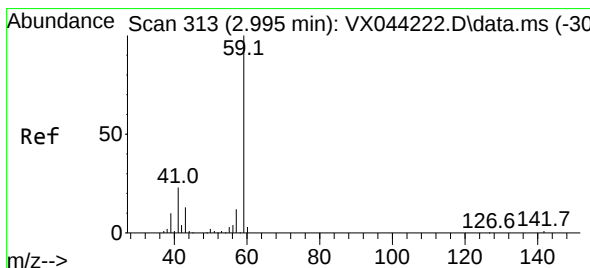
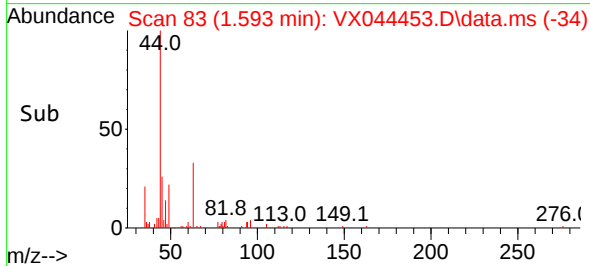
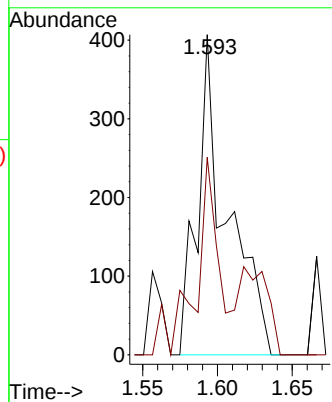
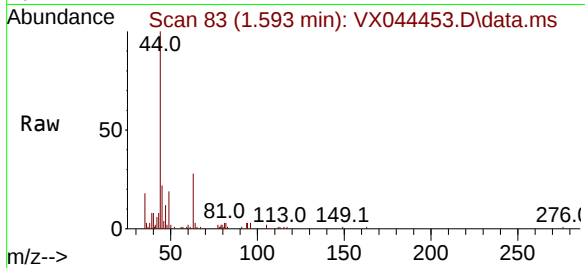




#5
Bromomethane
Concen: 0.430 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX044453.D
Acq: 20 Dec 2024 15:33

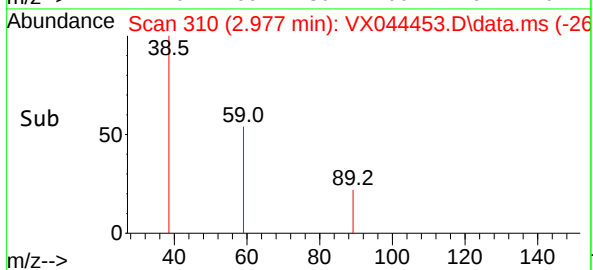
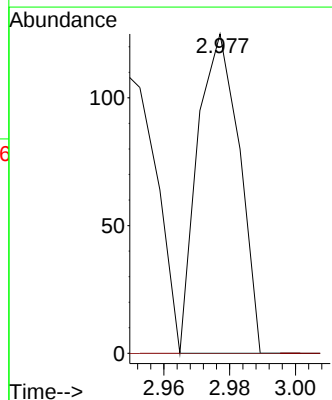
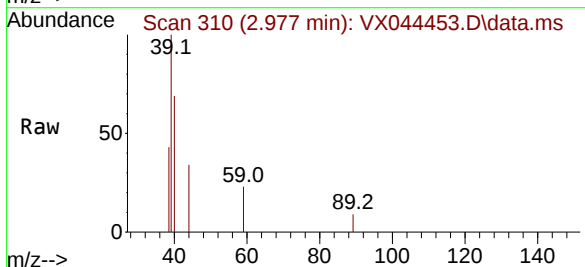
Instrument :
MSVOA_X
ClientSampleId :
STAND-PIPE

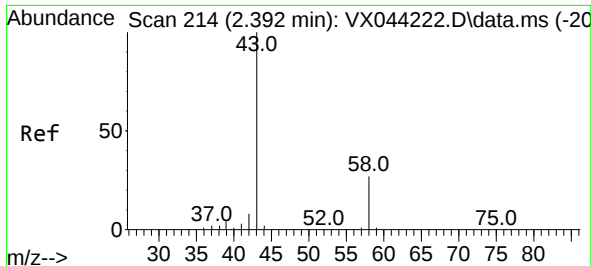
Tgt Ion: 94 Resp: 557
Ion Ratio Lower Upper
94 100
96 61.7 74.9 112.3#



#11
Tert butyl alcohol
Concen: 0.376 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.018 min
Lab File: VX044453.D
Acq: 20 Dec 2024 15:33

Tgt Ion: 59 Resp: 110
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

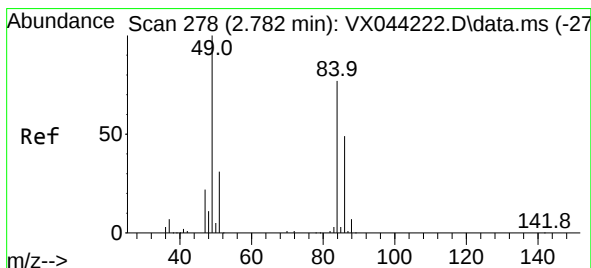
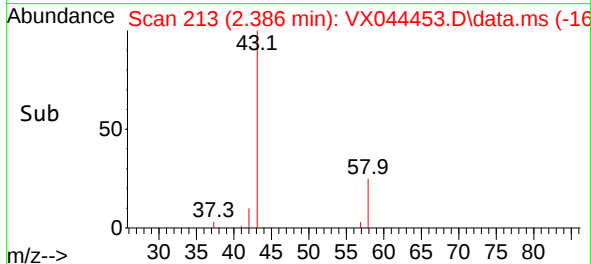
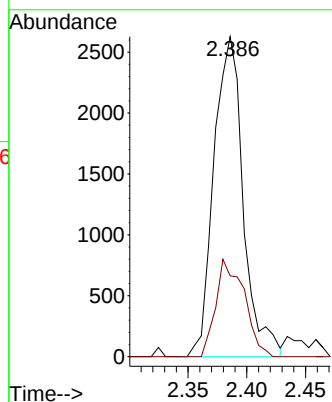
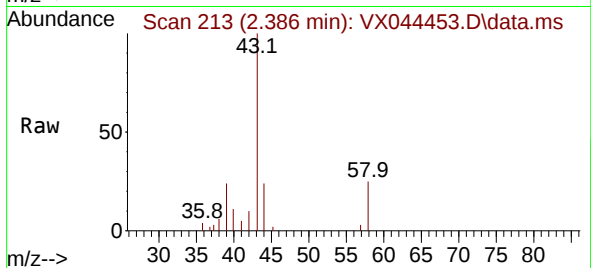




#16
Acetone
Concen: 5.388 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX044453.D
Acq: 20 Dec 2024 15:33

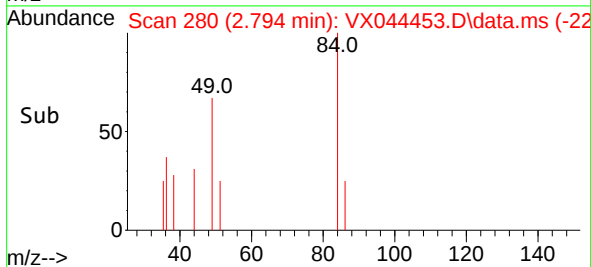
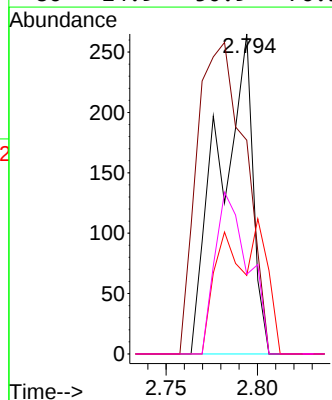
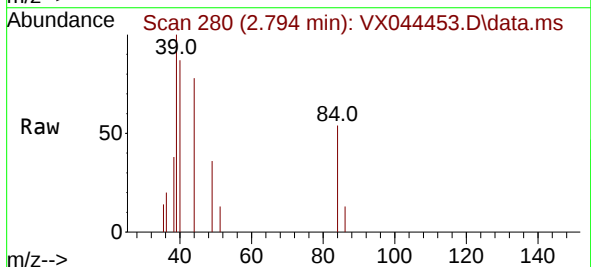
Instrument :
MSVOA_X
ClientSampleId :
STAND-PIPE

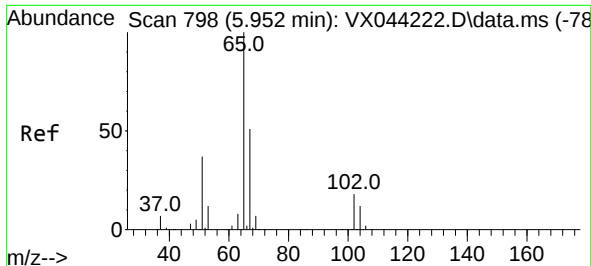
Tgt Ion: 43 Resp: 4562
Ion Ratio Lower Upper
43 100
58 25.2 21.6 32.4



#20
Methylene Chloride
Concen: 0.213 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.012 min
Lab File: VX044453.D
Acq: 20 Dec 2024 15:33

Tgt Ion: 84 Resp: 339
Ion Ratio Lower Upper
84 100
49 66.8 104.2 156.4#
51 24.5 32.2 48.4#
86 24.9 50.9 76.3#





#33

1,2-Dichloroethane-d4

Concen: 43.018 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044453.D

Acq: 20 Dec 2024 15:33

Instrument :

MSVOA_X

ClientSampleId :

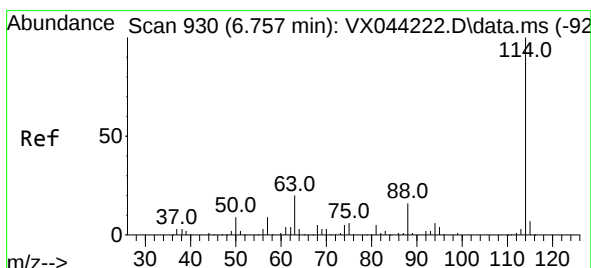
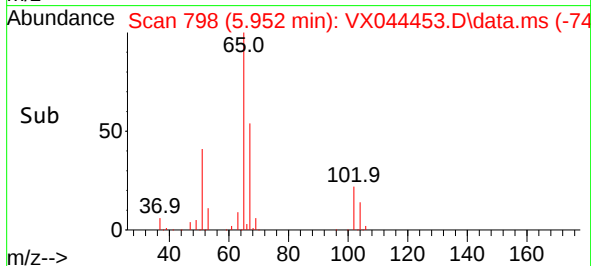
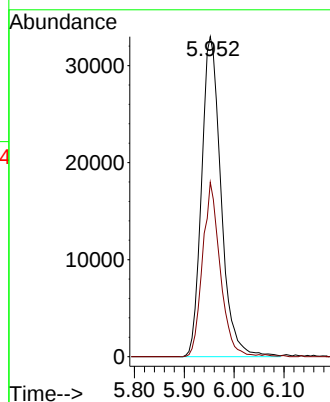
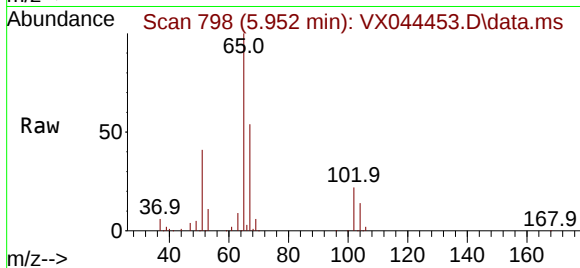
STAND-PIPE

Tgt Ion: 65 Resp: 89336

Ion Ratio Lower Upper

65 100

67 49.4 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044453.D

Acq: 20 Dec 2024 15:33

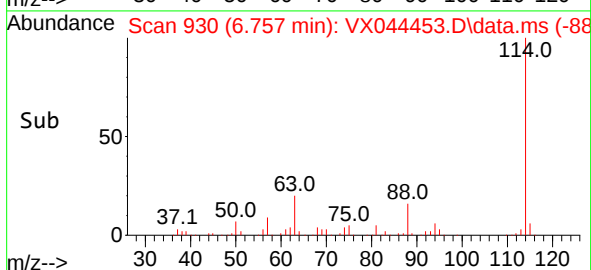
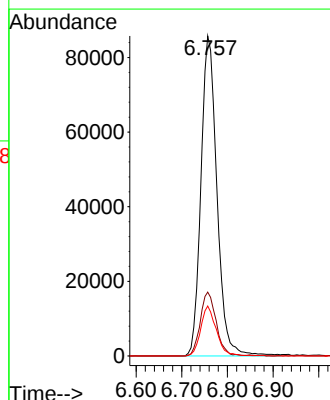
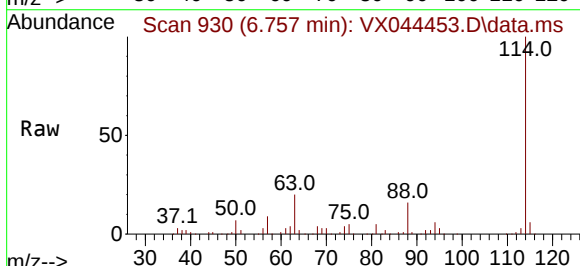
Tgt Ion: 114 Resp: 208386

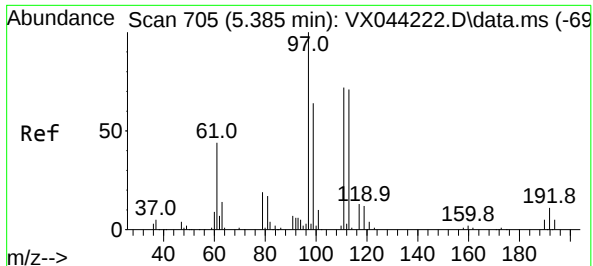
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.6

88 15.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.032 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX044453.D

Acq: 20 Dec 2024 15:33

Instrument :

MSVOA_X

ClientSampleId :

STAND-PIPE

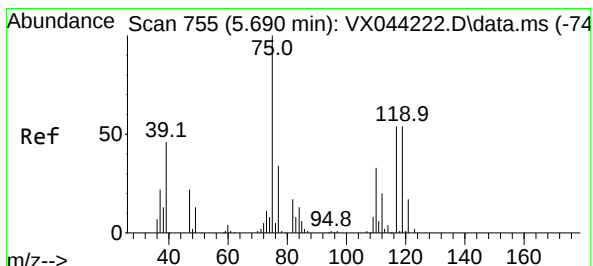
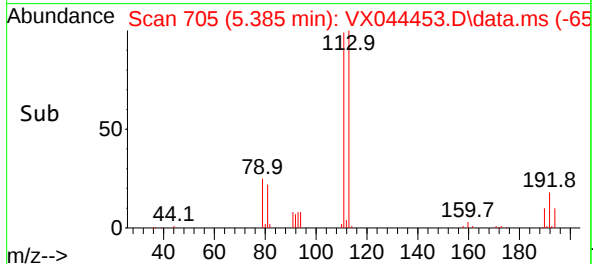
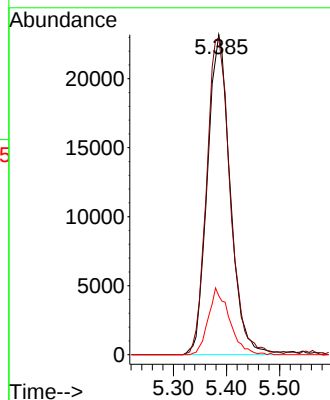
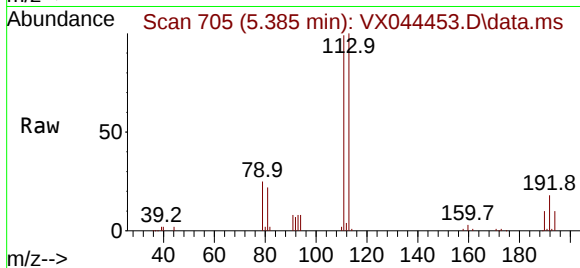
Tgt Ion:113 Resp: 69323

Ion Ratio Lower Upper

113 100

111 102.4 80.4 120.6

192 19.5 13.3 19.9



#36

1,1-Dichloropropene

Concen: 5.246 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX044453.D

Acq: 20 Dec 2024 15:33

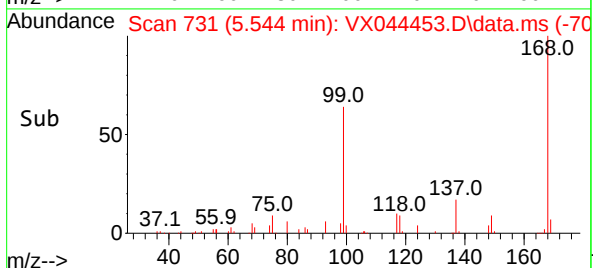
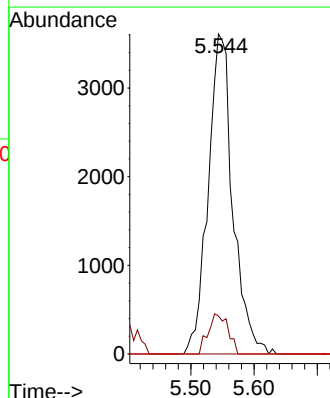
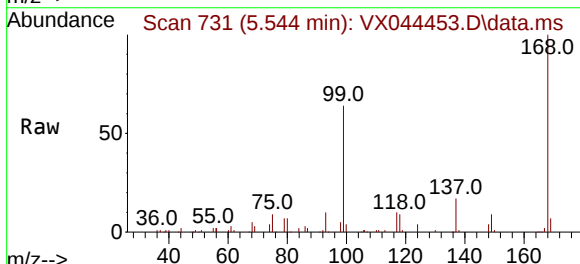
Tgt Ion: 75 Resp: 9787

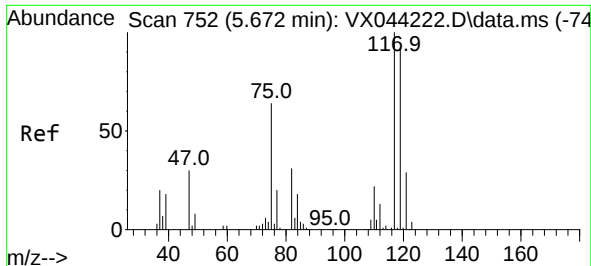
Ion Ratio Lower Upper

75 100

110 10.1 17.3 51.7#

77 0.0 25.4 38.0#

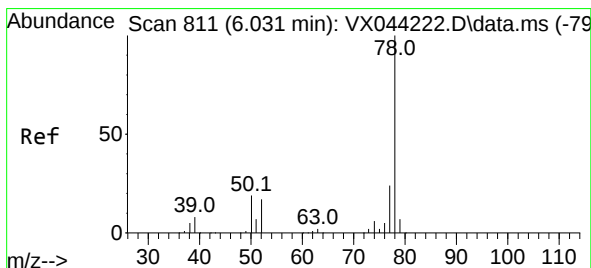
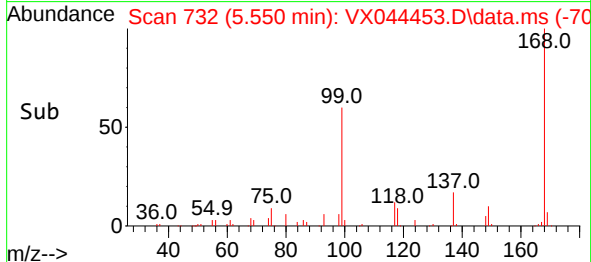
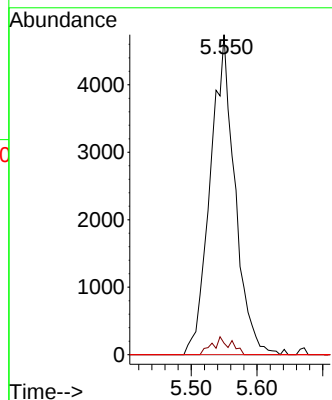
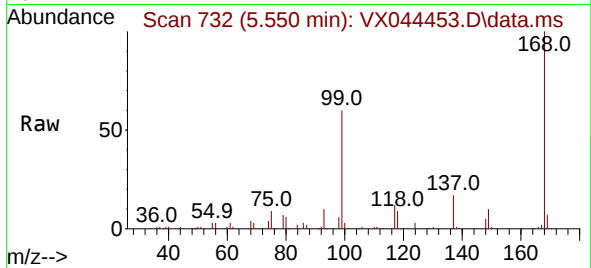




#38
Carbon Tetrachloride
Concen: 6.170 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX044453.D
Acq: 20 Dec 2024 15:33

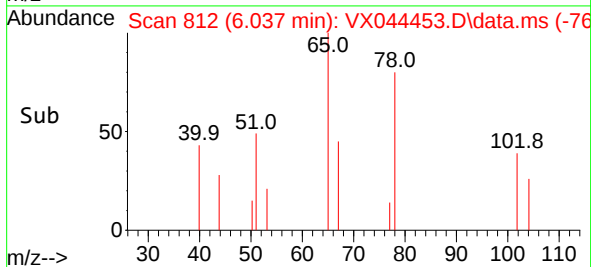
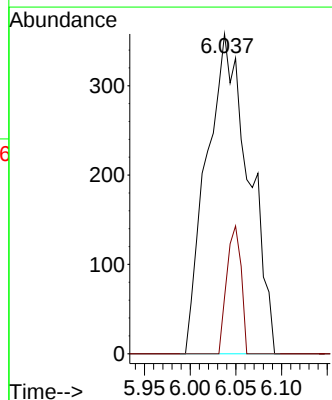
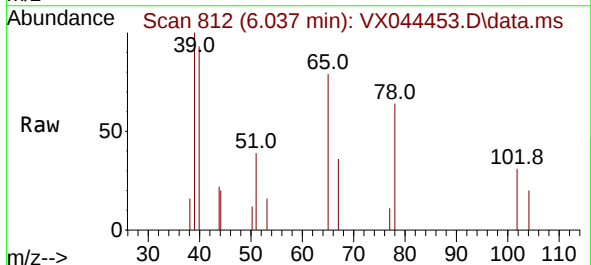
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STAND-PIPE

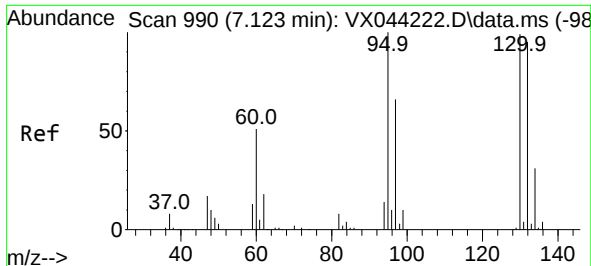
Tgt Ion:117 Resp: 12392
Ion Ratio Lower Upper
117 100
119 3.6 74.2 111.4#
121 0.0 23.0 34.6#



#40
Benzene
Concen: 0.202 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX044453.D
Acq: 20 Dec 2024 15:33

Tgt Ion: 78 Resp: 1145
Ion Ratio Lower Upper
78 100
77 17.6 19.3 28.9#

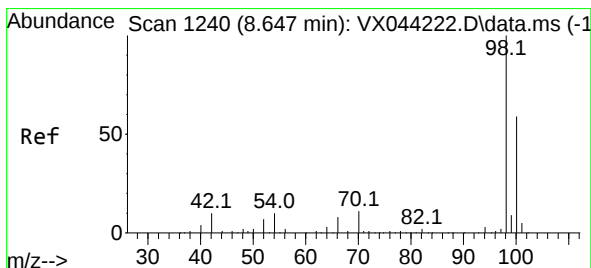
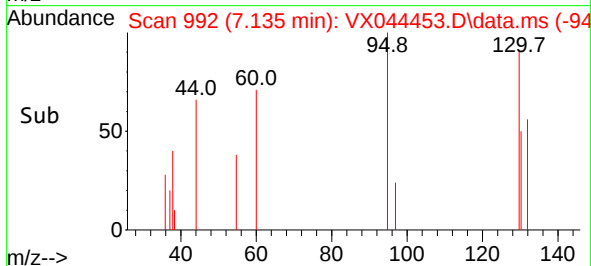
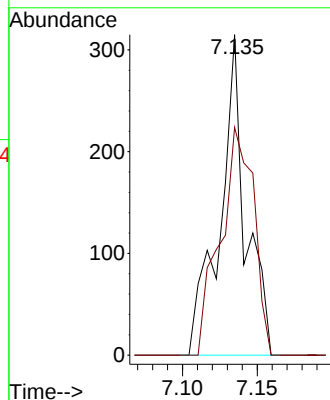
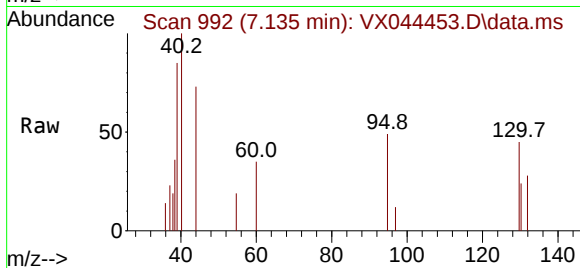




#44
Trichloroethene
Concen: 0.265 ug/l
RT: 7.135 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX044453.D
Acq: 20 Dec 2024 15:33

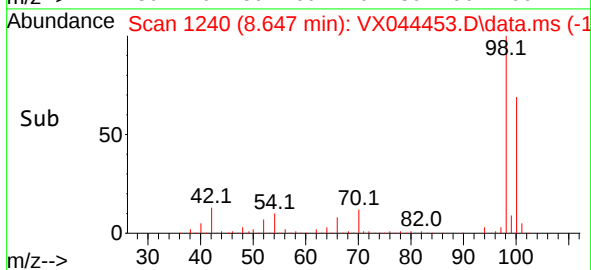
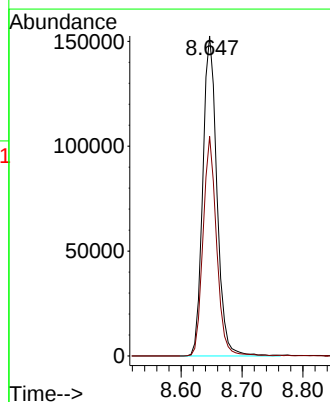
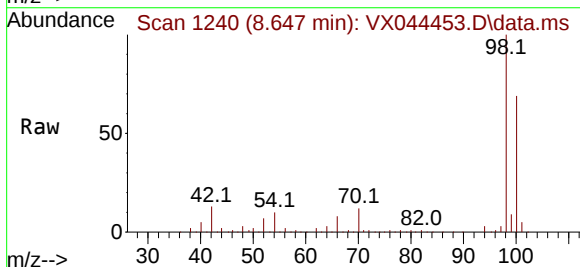
Instrument :
MSVOA_X
ClientSampleId :
STAND-PIPE

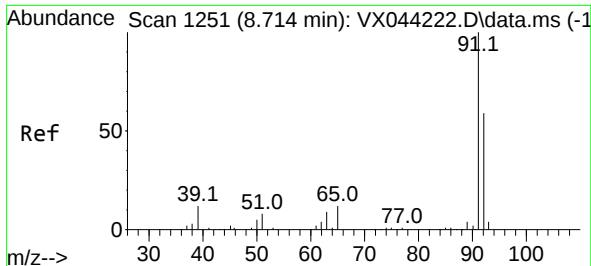
Tgt Ion:130 Resp: 375
Ion Ratio Lower Upper
130 100
95 71.1 0.0 201.4



#50
Toluene-d8
Concen: 50.548 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044453.D
Acq: 20 Dec 2024 15:33

Tgt Ion: 98 Resp: 246126
Ion Ratio Lower Upper
98 100
100 65.6 51.5 77.3

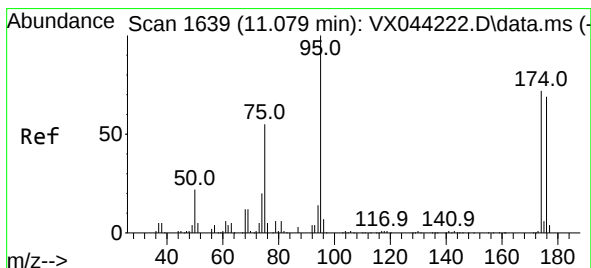
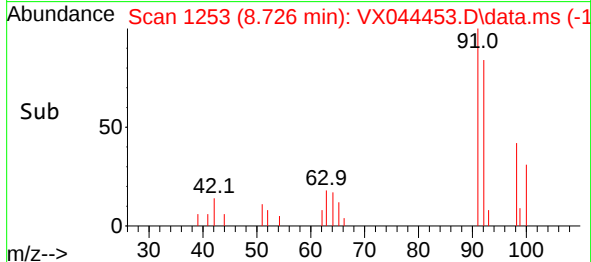
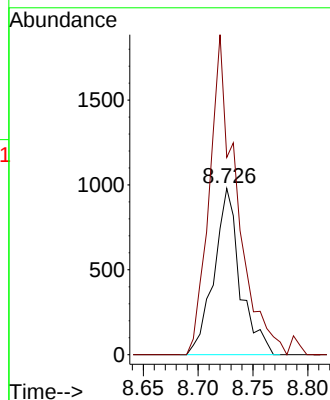
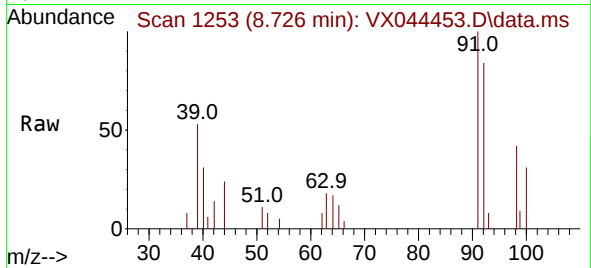




#52
Toluene
Concen: 0.457 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX044453.D
Acq: 20 Dec 2024 15:33

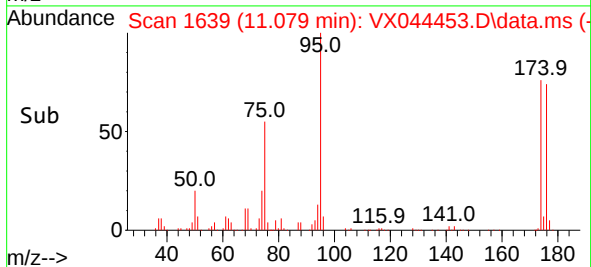
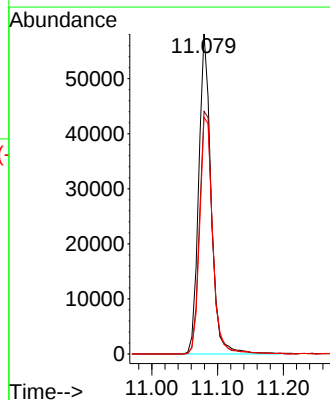
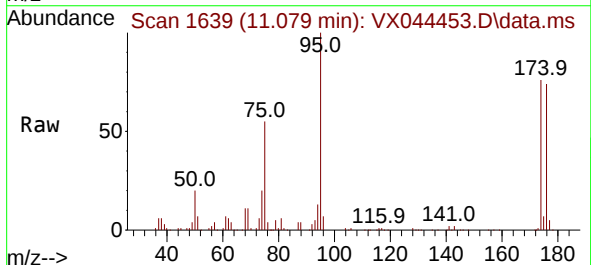
Instrument :
MSVOA_X
ClientSampleId :
STAND-PIPE

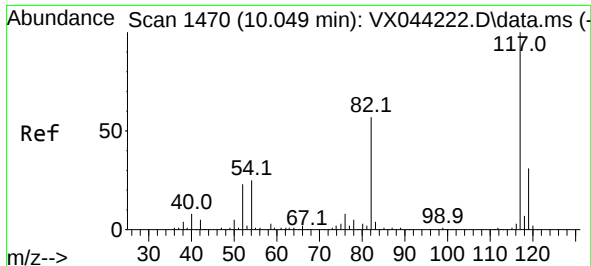
Tgt Ion: 92 Resp: 1626
Ion Ratio Lower Upper
92 100
91 200.6 137.0 205.6



#62
4-Bromofluorobenzene
Concen: 44.583 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044453.D
Acq: 20 Dec 2024 15:33

Tgt Ion: 95 Resp: 75854
Ion Ratio Lower Upper
95 100
174 80.1 0.0 145.8
176 77.9 0.0 137.8

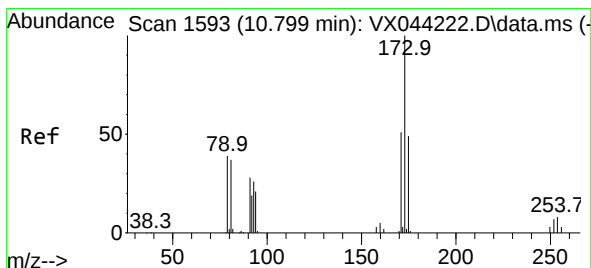
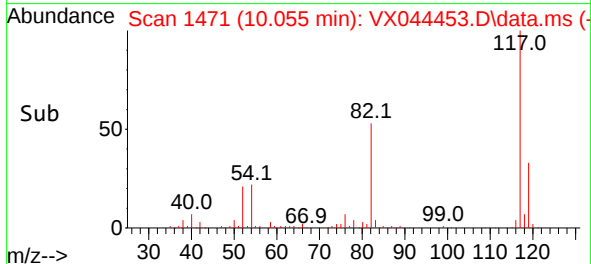
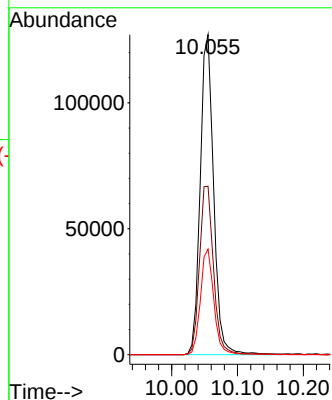
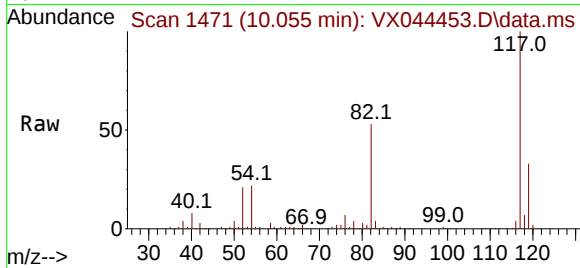




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX044453.D
Acq: 20 Dec 2024 15:33

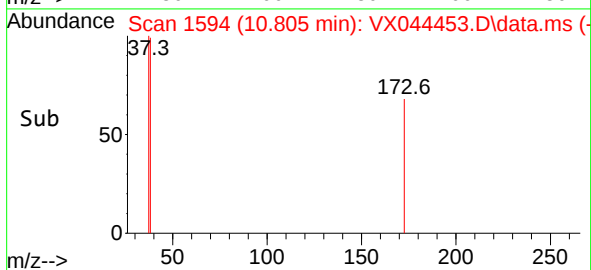
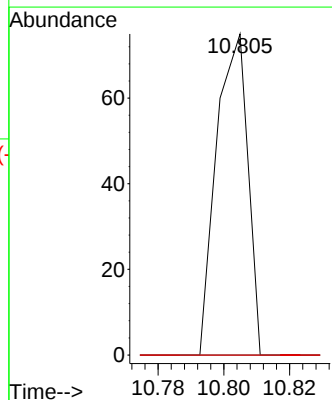
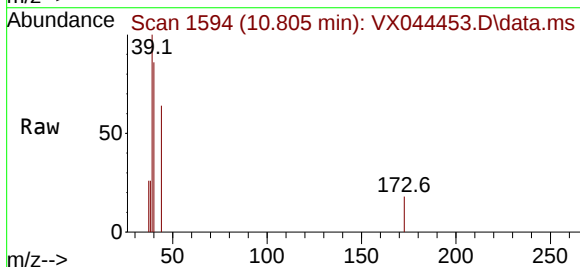
Instrument :
MSVOA_X
ClientSampleId :
STAND-PIPE

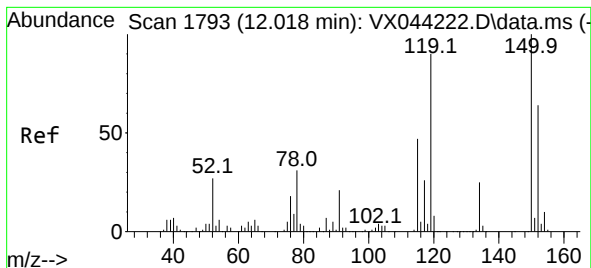
Tgt Ion:117 Resp: 179879
Ion Ratio Lower Upper
117 100
82 52.7 45.8 68.8
119 33.0 25.0 37.4



#71
Bromoform
Concen: 1.291 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX044453.D
Acq: 20 Dec 2024 15:33

Tgt Ion:173 Resp: 49
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: VX044453.D

Acq: 20 Dec 2024 15:33

Instrument :

MSVOA_X

ClientSampleId :

STAND-PIPE

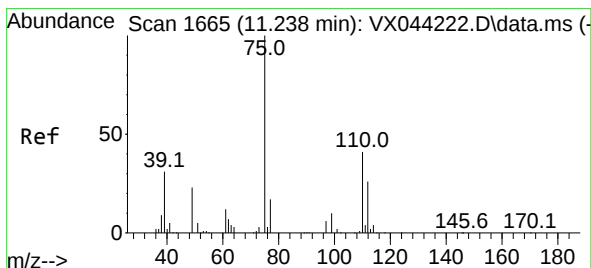
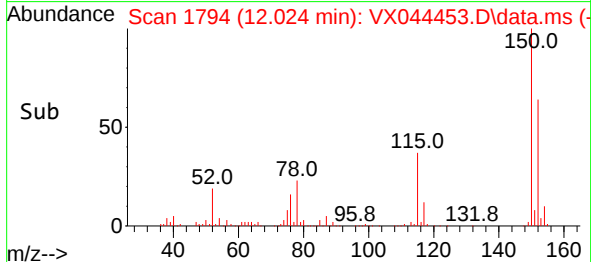
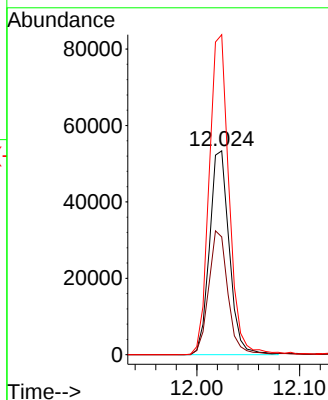
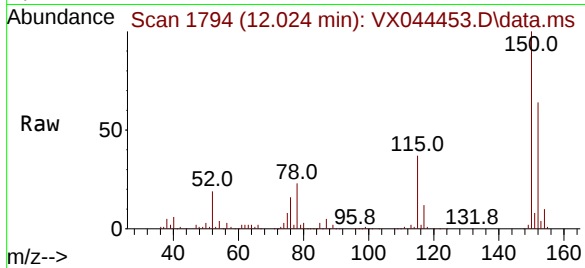
Tgt Ion:152 Resp: 71052

Ion Ratio Lower Upper

152 100

115 59.1 44.5 133.3

150 158.7 0.0 353.8



#76

1,2,3-Trichloropropane

Concen: 26.444 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044453.D

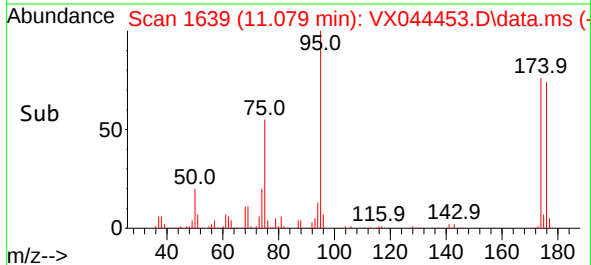
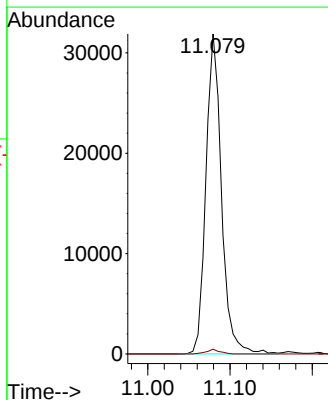
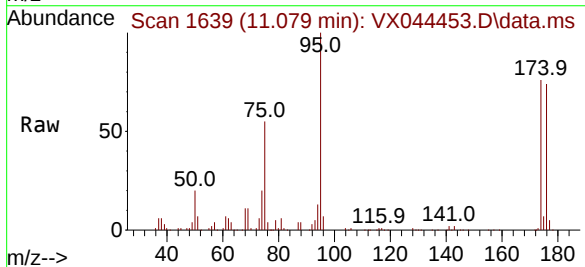
Acq: 20 Dec 2024 15:33

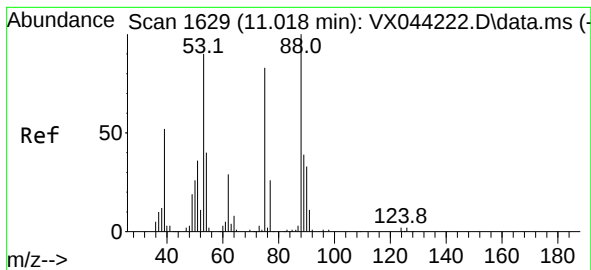
Tgt Ion: 75 Resp: 41952

Ion Ratio Lower Upper

75 100

77 1.3 20.9 62.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.901 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX044453.D
 Acq: 20 Dec 2024 15:33

Instrument :
 MSVOA_X
 ClientSampleId :
 STAND-PIPE

Tgt Ion: 75 Resp: 41952
 Ion Ratio Lower Upper
 75 100
 53 0.0 93.6 140.4#
 89 0.0 37.3 55.9#

