

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041725\
 Data File : VX045825.D
 Acq On : 17 Apr 2025 13:59
 Operator : JC/MD
 Sample : Q1814-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 18 03:38:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

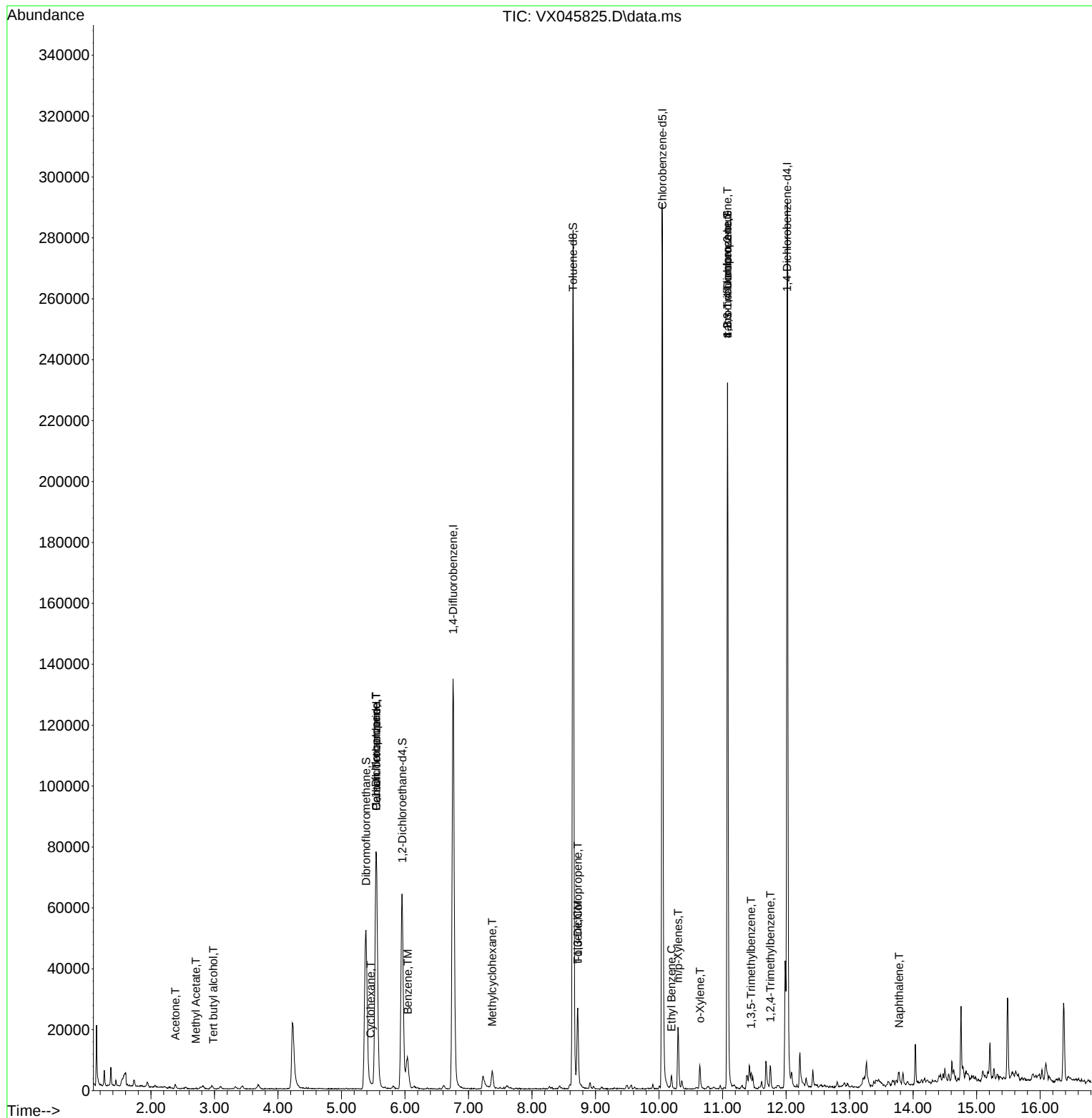
Internal Standards						
1) Pentafluorobenzene	5.550	168	66662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	128338	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64246	52.701	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.400%	
35) Dibromofluoromethane	5.385	113	45841	50.344	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.680%	
50) Toluene-d8	8.647	98	159993	50.341	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.680%	
62) 4-Bromofluorobenzene	11.079	95	61234	52.894	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.780%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.983	59	65	0.397	ug/l #	72
16) Acetone	2.386	43	1440	2.877	ug/l	94
18) Methyl Acetate	2.709	43	266	0.231	ug/l #	54
31) Cyclohexane	5.458	56	579	0.387	ug/l #	78
36) 1,1-Dichloropropene	5.544	75	6327	5.146	ug/l #	51
38) Carbon Tetrachloride	5.550	117	8156	6.138	ug/l #	15
39) Methylcyclohexane	7.373	83	2211	1.467	ug/l	85
40) Benzene	6.044	78	12120	3.228	ug/l	94
52) Toluene	8.720	92	10044	4.421	ug/l	99
53) t-1,3-Dichloropropene	8.720	75	77	2.342	ug/l #	1
67) Ethyl Benzene	10.195	91	2491	0.539	ug/l #	85
68) m/p-Xylenes	10.299	106	4756	2.830	ug/l	95
69) o-Xylene	10.647	106	1651	0.997	ug/l	89
76) 1,2,3-Trichloropropane	11.079	75	35938	27.586	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.451	105	2020	0.571	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.079	75	35938	93.625	ug/l #	1
84) 1,2,4-Trimethylbenzene	11.756	105	3644	1.026	ug/l	97
95) Naphthalene	13.780	128	2663	0.719	ug/l	97

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

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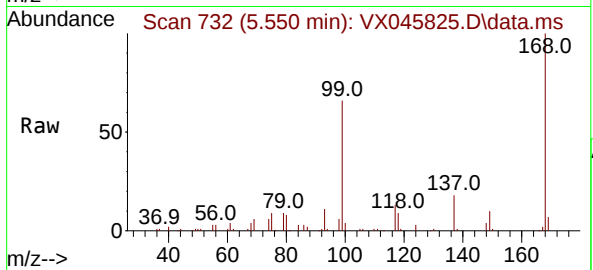
Quant Time: Apr 18 03:38:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
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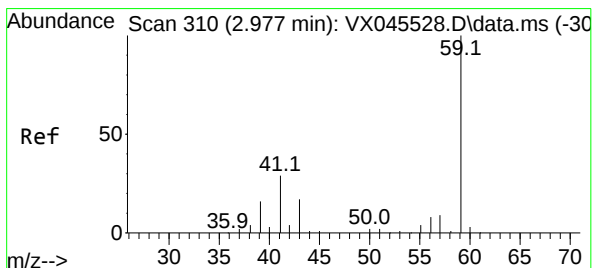
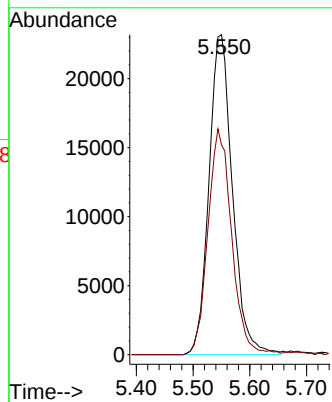
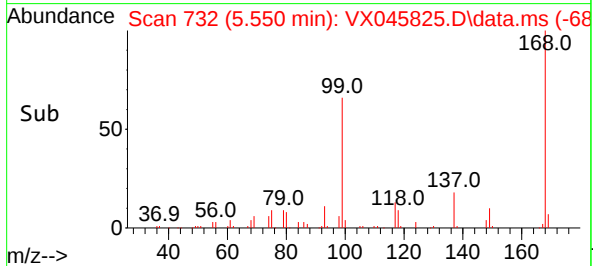


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045825.D
Acq: 17 Apr 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :

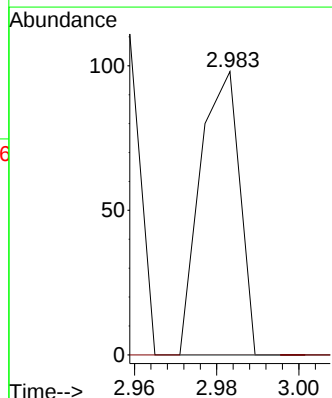
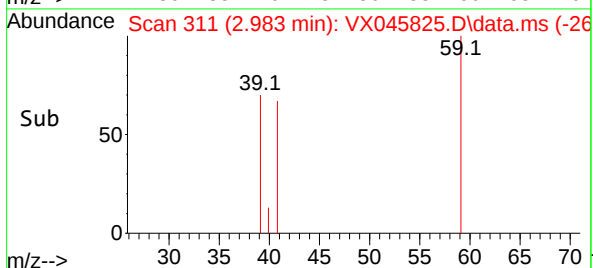
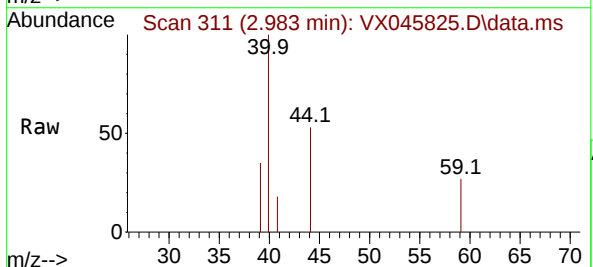


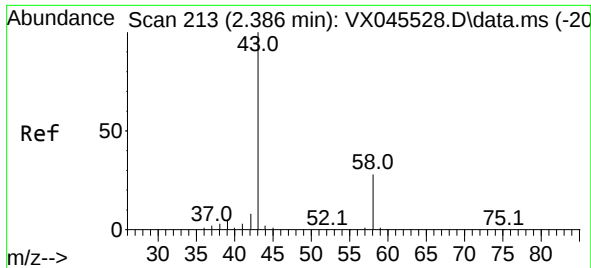
Tgt Ion:168 Resp: 66662
Ion Ratio Lower Upper
168 100
99 65.6 52.3 78.5



#11
Tert butyl alcohol
Concen: 0.397 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045825.D
Acq: 17 Apr 2025 13:59

Tgt Ion: 59 Resp: 65
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

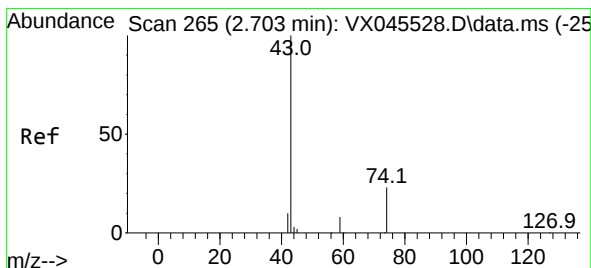
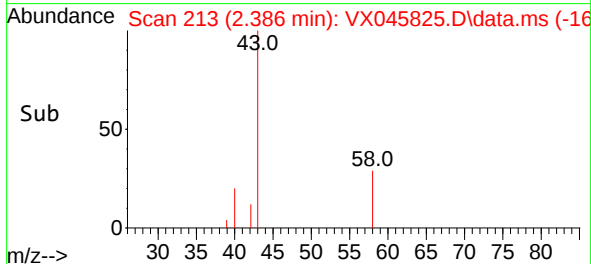
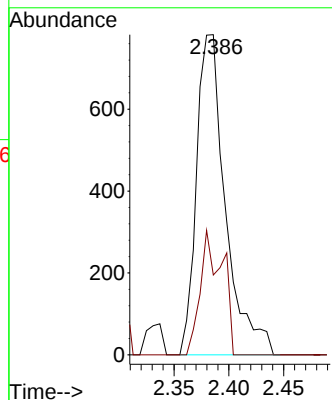
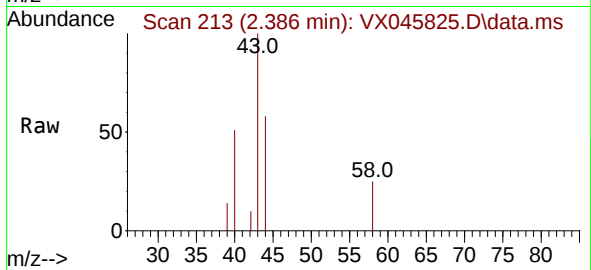




#16
Acetone
Concen: 2.877 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045825.D
Acq: 17 Apr 2025 13:59

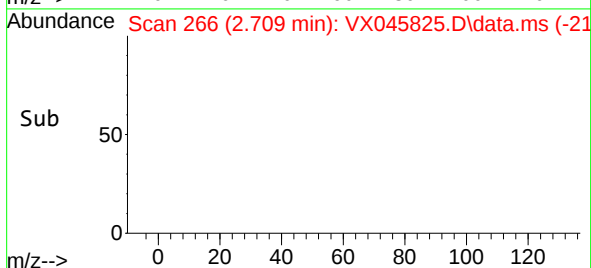
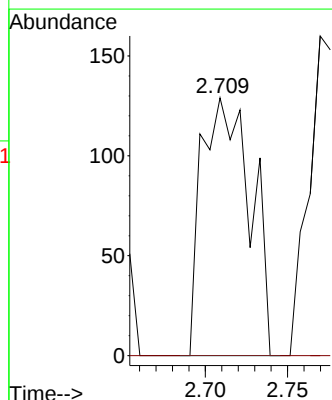
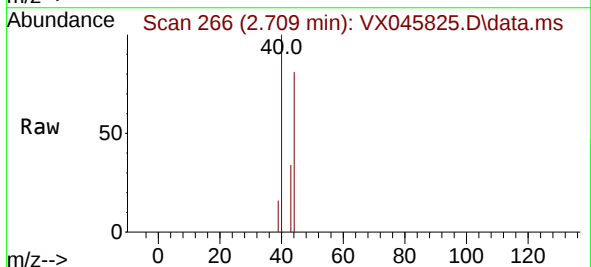
Instrument :
MSVOA_X
ClientSampleId :

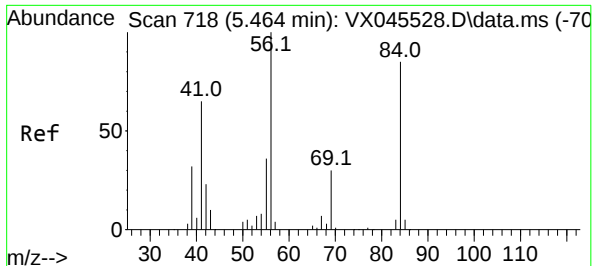
Tgt Ion: 43 Resp: 1440
Ion Ratio Lower Upper
43 100
58 24.9 22.3 33.5



#18
Methyl Acetate
Concen: 0.231 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045825.D
Acq: 17 Apr 2025 13:59

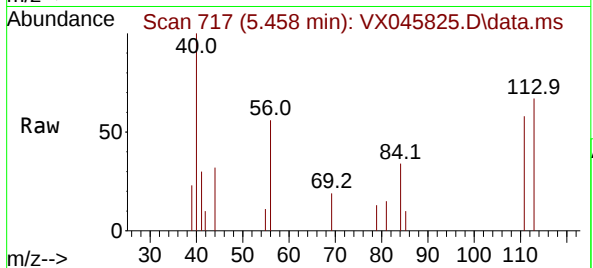
Tgt Ion: 43 Resp: 266
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



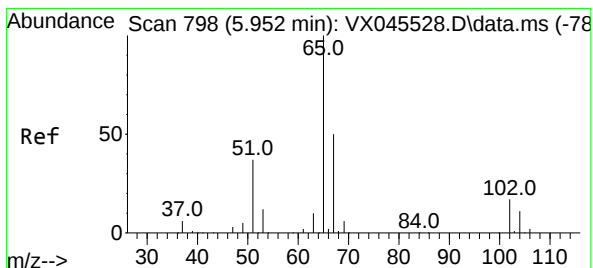
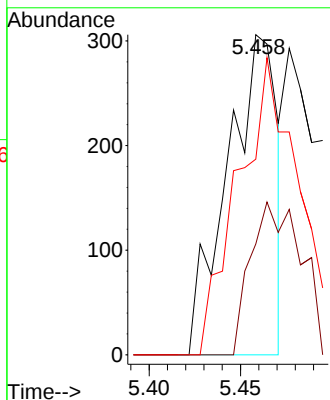
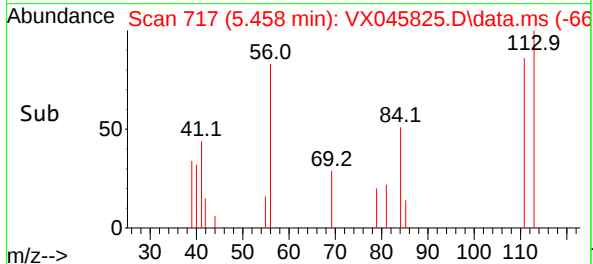


#31
Cyclohexane
Concen: 0.387 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045825.D
Acq: 17 Apr 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :

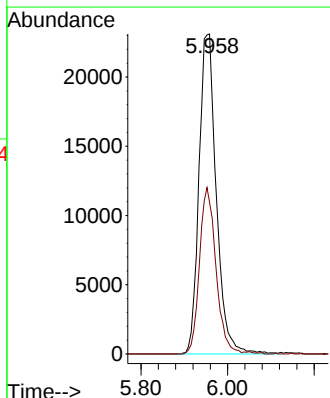
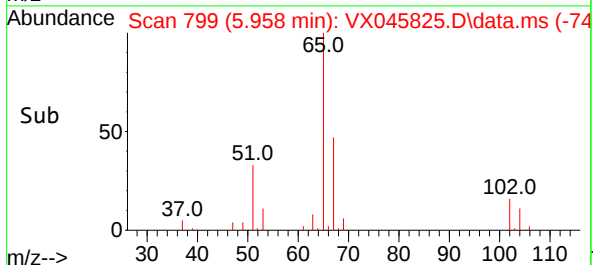
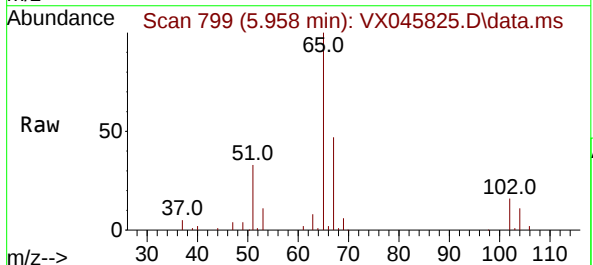


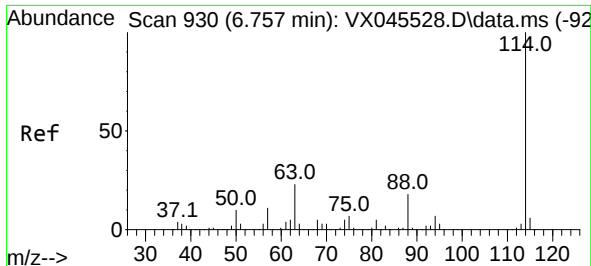
Tgt Ion: 56 Resp: 579
Ion Ratio Lower Upper
56 100
69 34.6 23.6 35.4
84 61.1 67.7 101.5#



#33
1,2-Dichloroethane-d4
Concen: 52.701 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX045825.D
Acq: 17 Apr 2025 13:59

Tgt Ion: 65 Resp: 64246
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.0

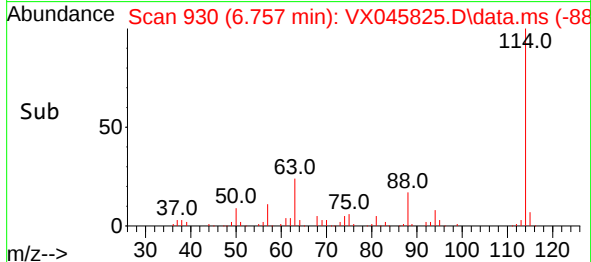
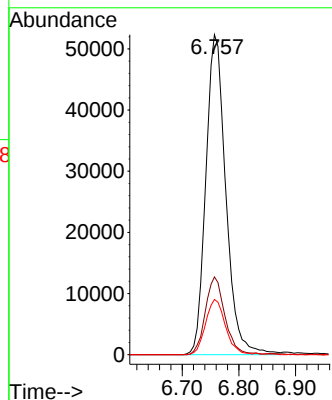
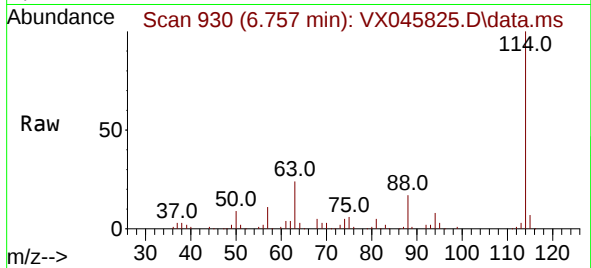




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045825.D
Acq: 17 Apr 2025 13:59

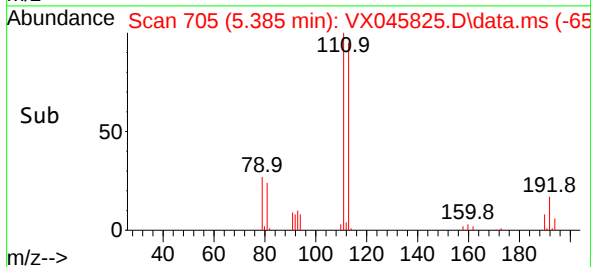
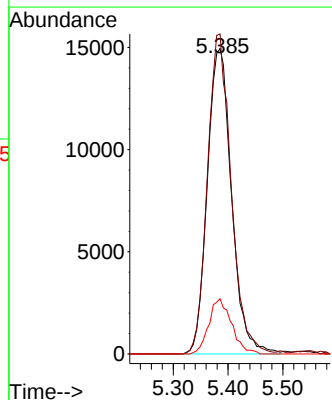
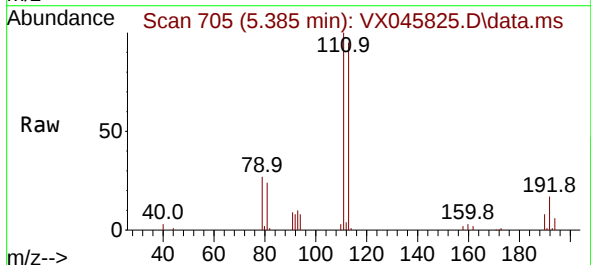
Instrument :
MSVOA_X
ClientSampleId :

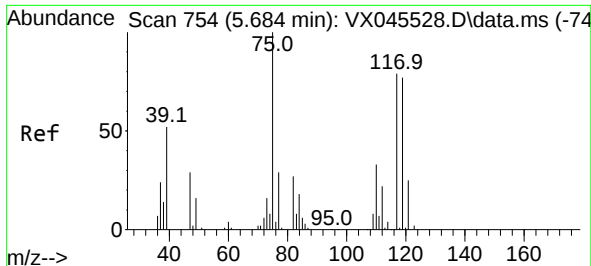
Tgt Ion:114 Resp: 128338
Ion Ratio Lower Upper
114 100
63 24.3 0.0 46.8
88 17.2 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.344 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045825.D
Acq: 17 Apr 2025 13:59

Tgt Ion:113 Resp: 45841
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.6
192 17.0 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.146 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX045825.D

Acq: 17 Apr 2025 13:59

Instrument :

MSVOA_X

ClientSampleId :

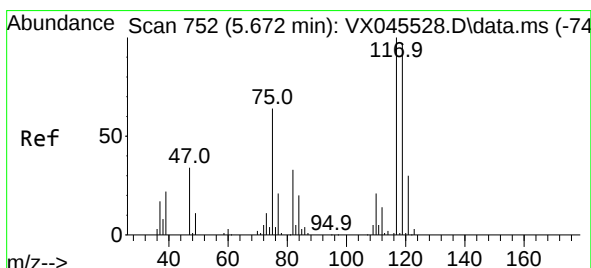
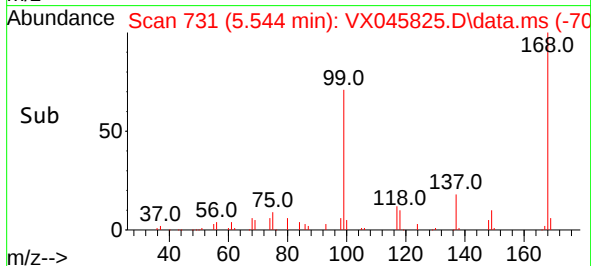
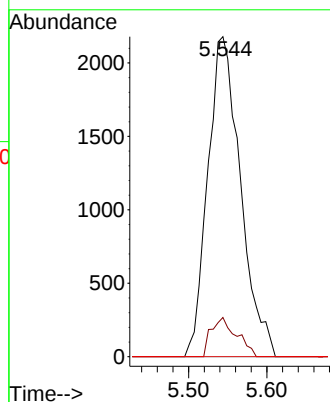
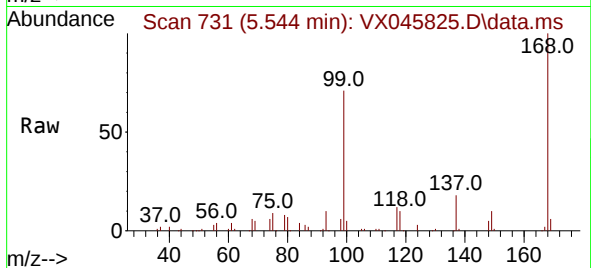
Tgt Ion: 75 Resp: 6327

Ion Ratio Lower Upper

75 100

110 9.5 16.9 50.6#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.138 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX045825.D

Acq: 17 Apr 2025 13:59

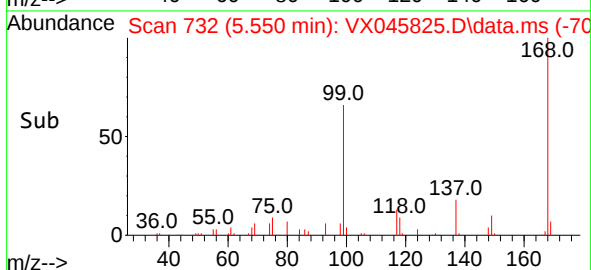
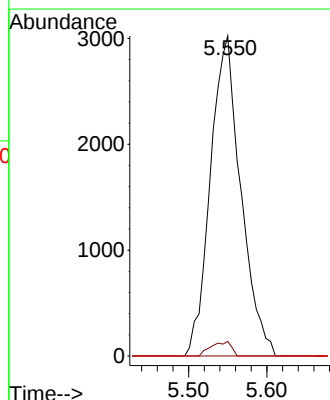
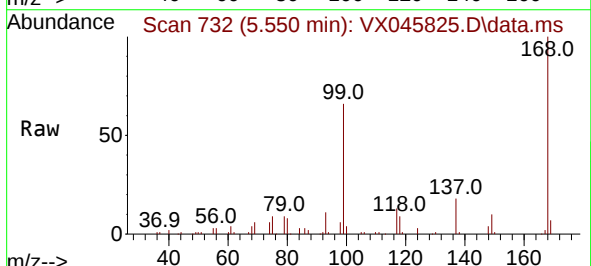
Tgt Ion: 117 Resp: 8156

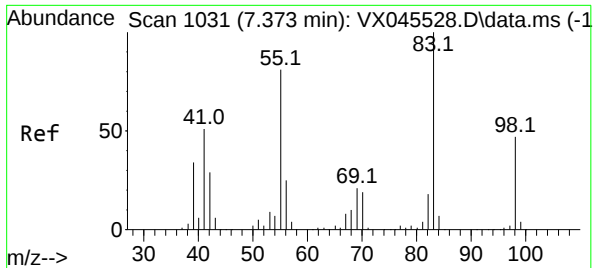
Ion Ratio Lower Upper

117 100

119 4.6 76.9 115.3#

121 0.0 24.2 36.2#

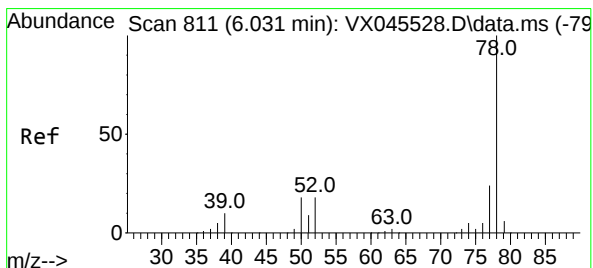
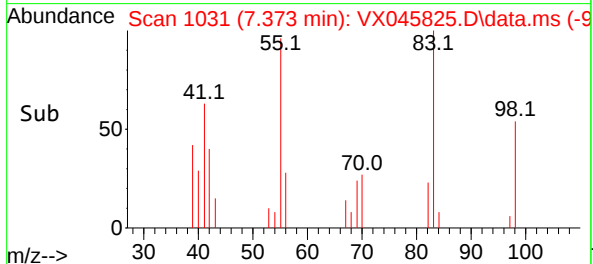
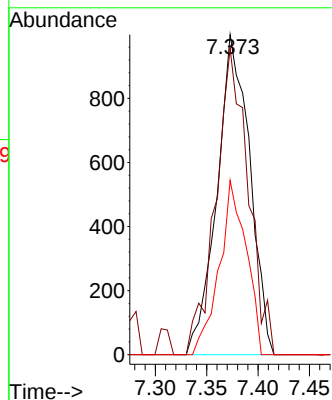
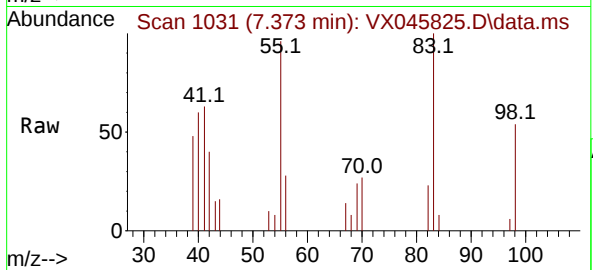




#39
Methylcyclohexane
Concen: 1.467 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX045825.D
Acq: 17 Apr 2025 13:59

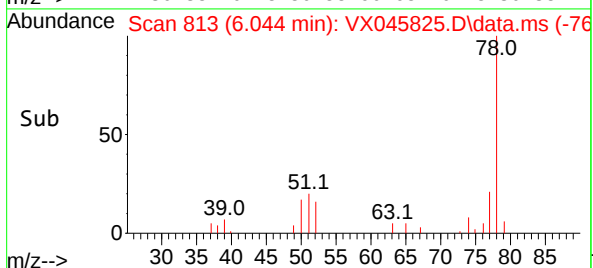
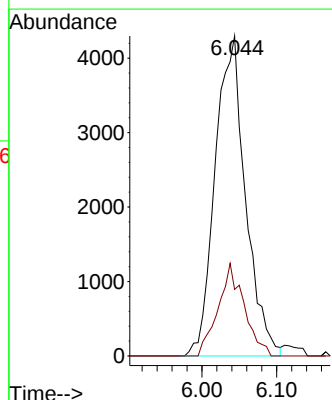
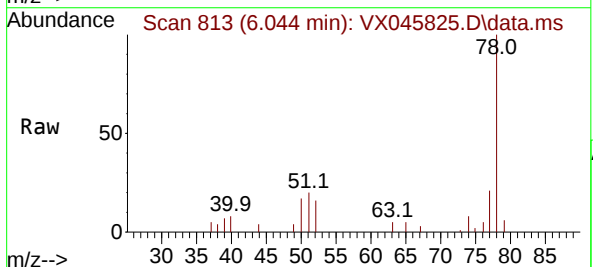
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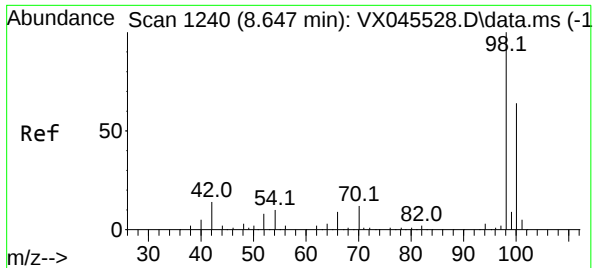
Tgt Ion: 83 Resp: 2211
Ion Ratio Lower Upper
83 100
55 95.7 64.9 97.3
98 54.5 37.4 56.0



#40
Benzene
Concen: 3.228 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.012 min
Lab File: VX045825.D
Acq: 17 Apr 2025 13:59

Tgt Ion: 78 Resp: 12120
Ion Ratio Lower Upper
78 100
77 20.8 19.0 28.6

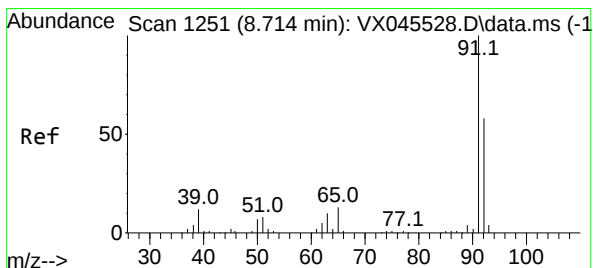
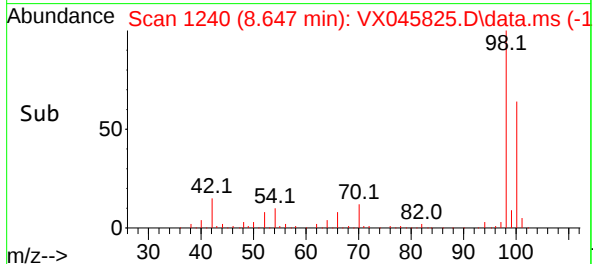
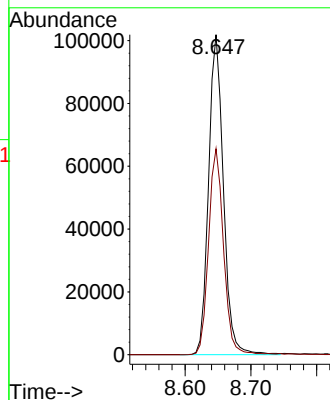
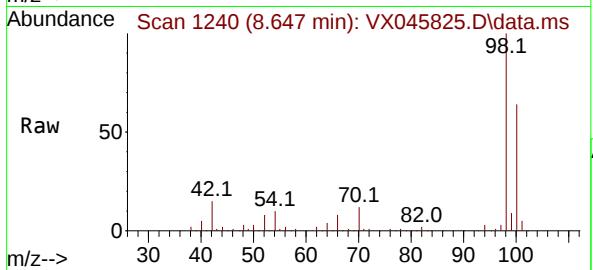




#50
Toluene-d8
Concen: 50.341 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045825.D
Acq: 17 Apr 2025 13:59

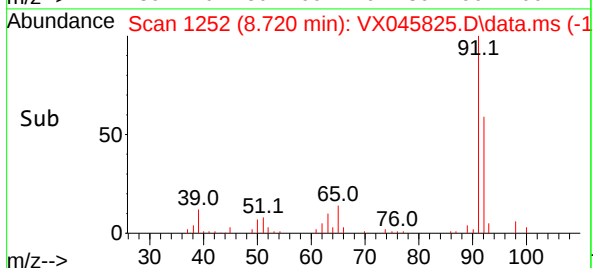
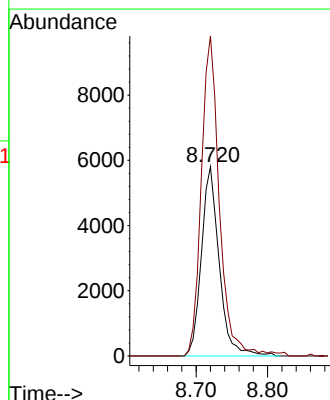
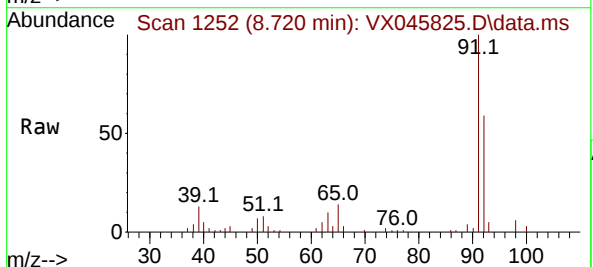
Instrument :
MSVOA_X
ClientSampleId :

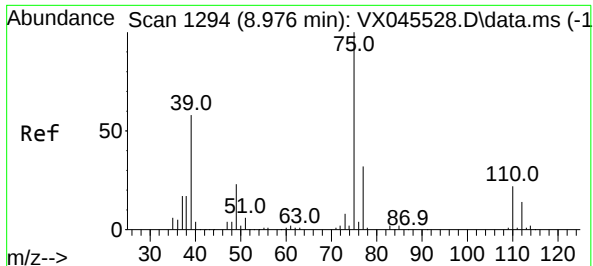
Tgt Ion: 98 Resp: 159993
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4



#52
Toluene
Concen: 4.421 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX045825.D
Acq: 17 Apr 2025 13:59

Tgt Ion: 92 Resp: 10044
Ion Ratio Lower Upper
92 100
91 171.9 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 2.342 ug/l

RT: 8.720 min Scan# 11

Delta R.T. -0.256 min

Lab File: VX045825.D

Acq: 17 Apr 2025 13:59

Instrument :

MSVOA_X

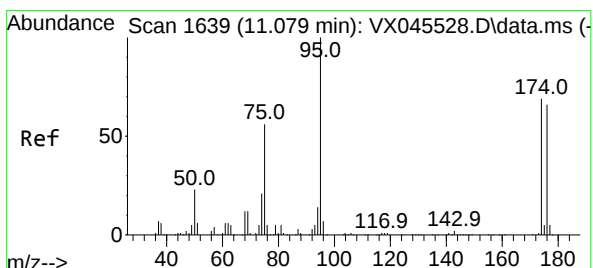
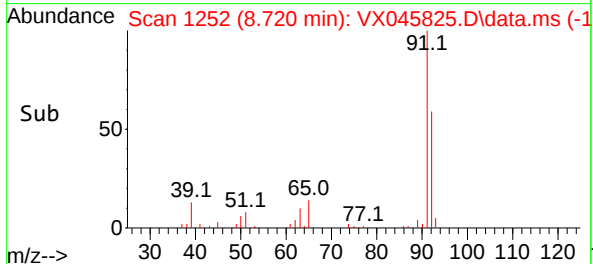
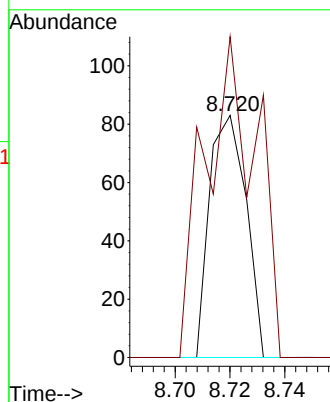
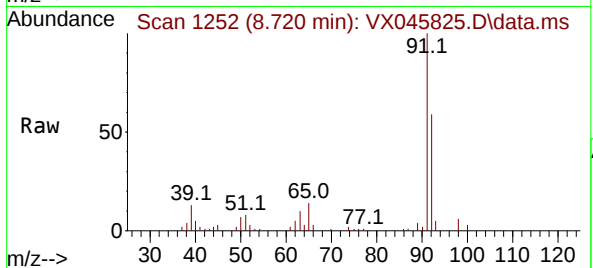
ClientSampleId :

Tgt Ion: 75 Resp: 77

Ion Ratio Lower Upper

75 100

77 132.5 25.4 38.0#



#62

4-Bromofluorobenzene

Concen: 52.894 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX045825.D

Acq: 17 Apr 2025 13:59

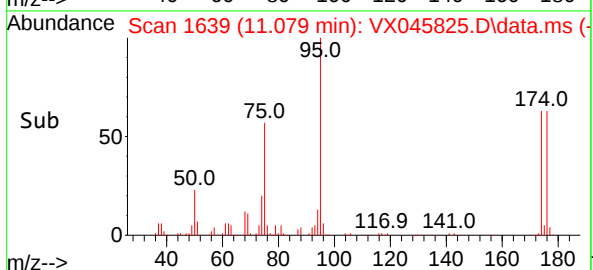
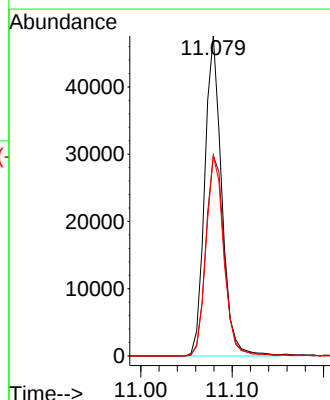
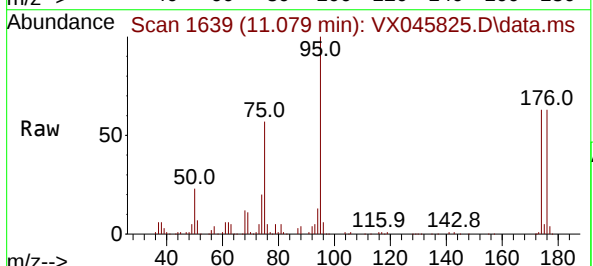
Tgt Ion: 95 Resp: 61234

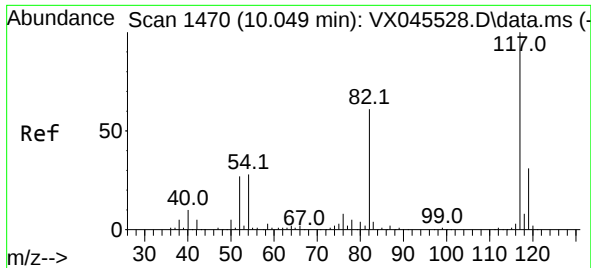
Ion Ratio Lower Upper

95 100

174 68.0 0.0 135.8

176 65.7 0.0 131.4

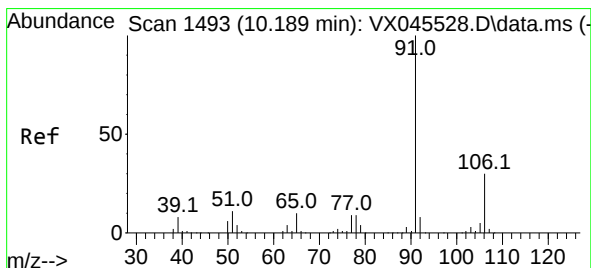
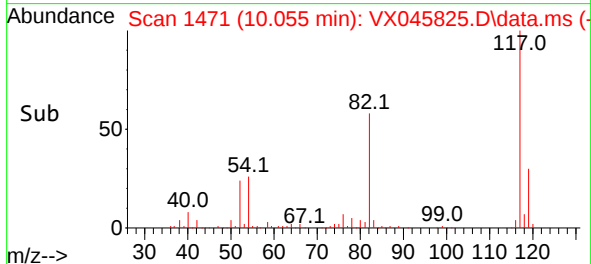
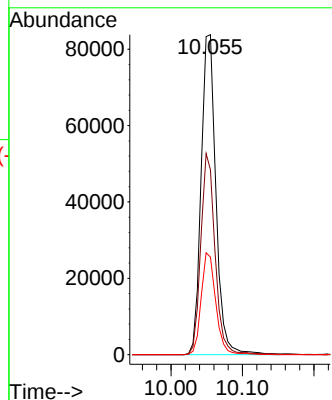
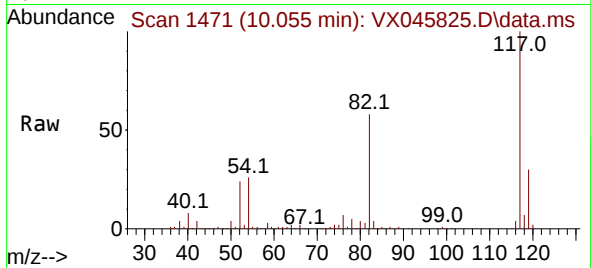




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045825.D
Acq: 17 Apr 2025 13:59

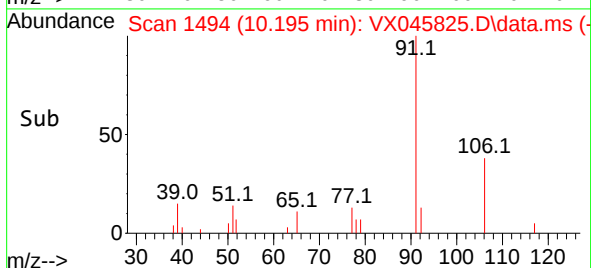
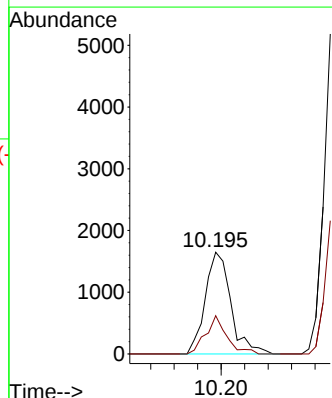
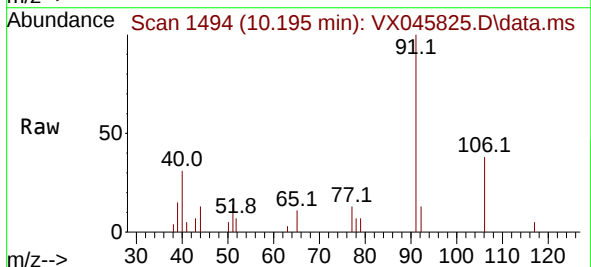
Instrument :
MSVOA_X
ClientSampleId :

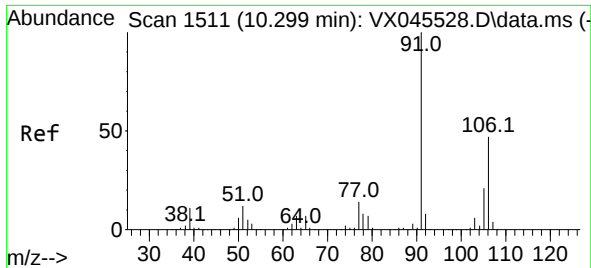
Tgt Ion:117 Resp: 120718
Ion Ratio Lower Upper
117 100
82 57.8 49.2 73.8
119 30.5 25.1 37.7



#67
Ethyl Benzene
Concen: 0.539 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX045825.D
Acq: 17 Apr 2025 13:59

Tgt Ion: 91 Resp: 2491
Ion Ratio Lower Upper
91 100
106 37.6 23.7 35.5#

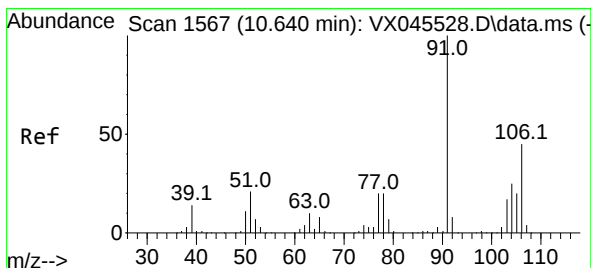
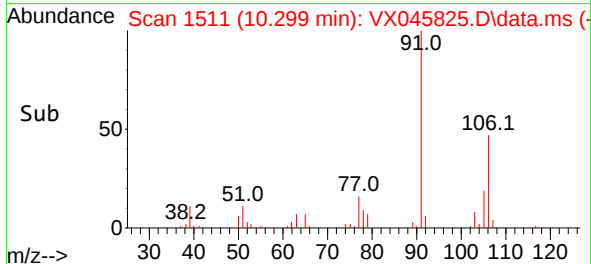
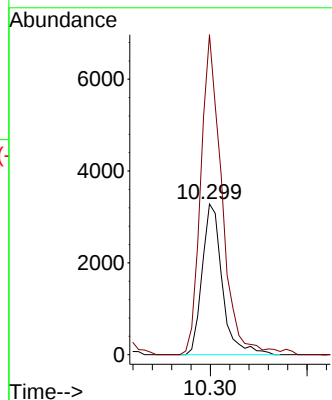
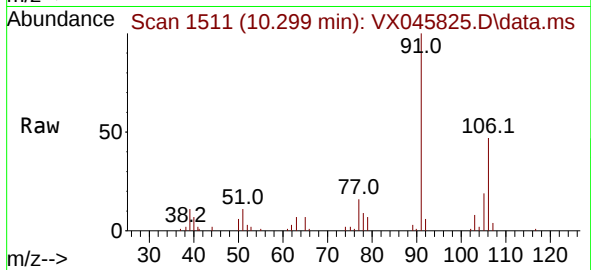




#68
m/p-Xylenes
Concen: 2.830 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045825.D
Acq: 17 Apr 2025 13:59

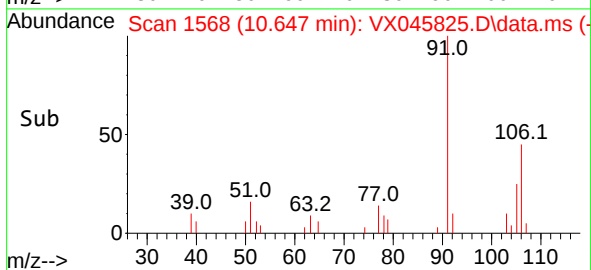
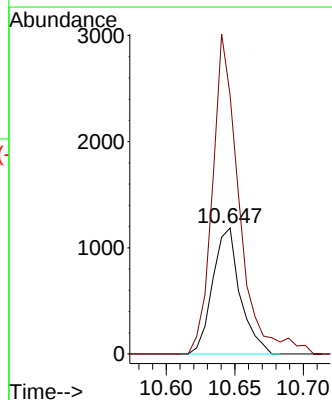
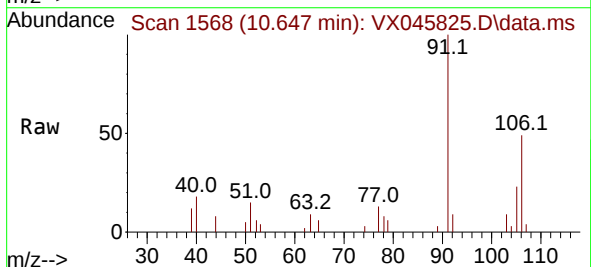
Instrument :
MSVOA_X
ClientSampleId :

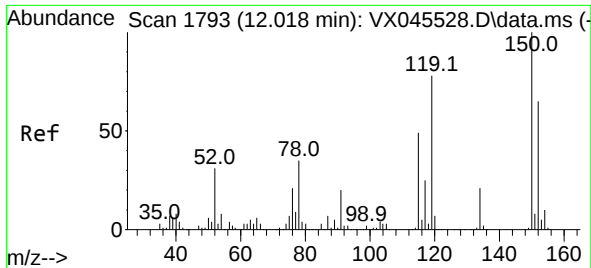
Tgt Ion:106 Resp: 4756
Ion Ratio Lower Upper
106 100
91 223.0 172.6 258.8



#69
o-Xylene
Concen: 0.997 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX045825.D
Acq: 17 Apr 2025 13:59

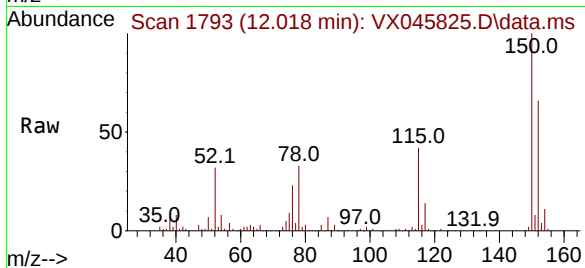
Tgt Ion:106 Resp: 1651
Ion Ratio Lower Upper
106 100
91 245.8 113.6 340.6



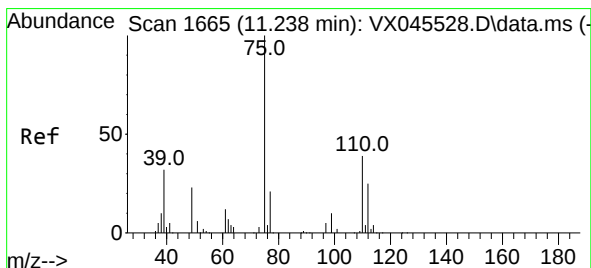
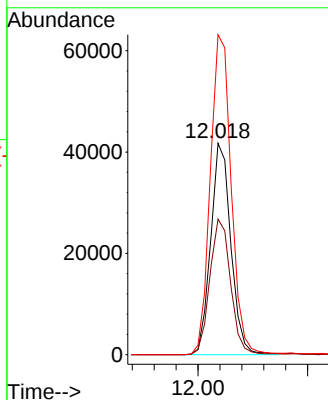
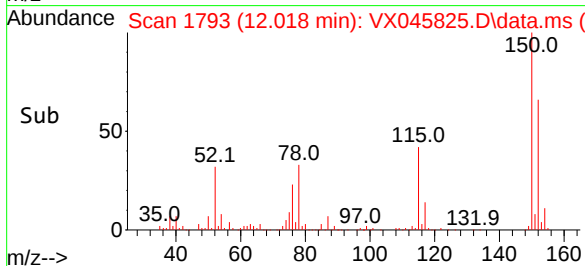


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045825.D
 Acq: 17 Apr 2025 13:59

Instrument :
 MSVOA_X
 ClientSampleId :

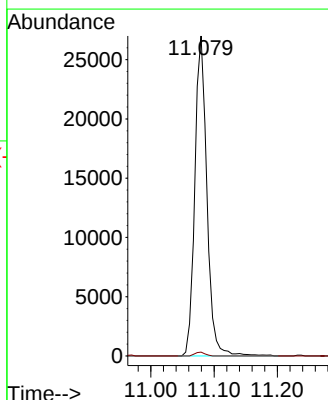
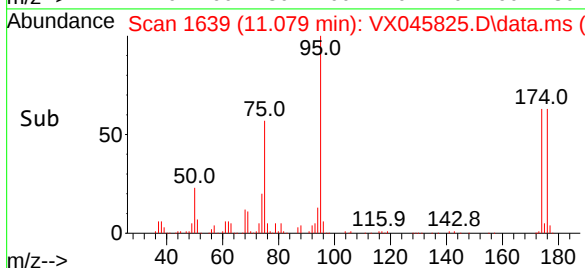
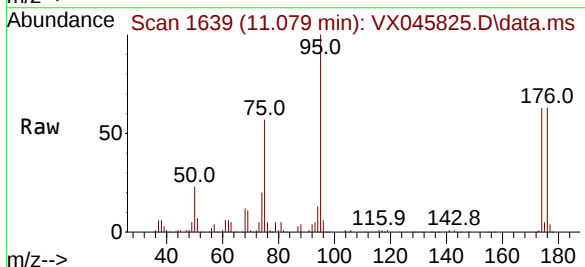


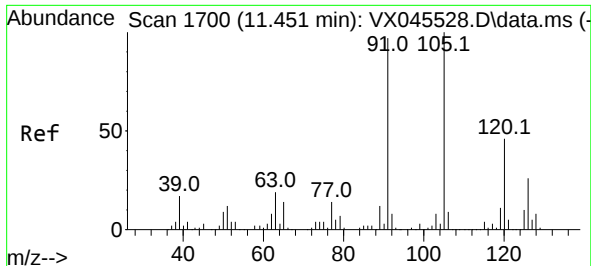
Tgt Ion:152 Resp: 53408
 Ion Ratio Lower Upper
 152 100
 115 66.4 46.9 140.7
 150 157.0 0.0 349.4



#76
 1,2,3-Trichloropropane
 Concen: 27.586 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX045825.D
 Acq: 17 Apr 2025 13:59

Tgt Ion: 75 Resp: 35938
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.0 59.9#

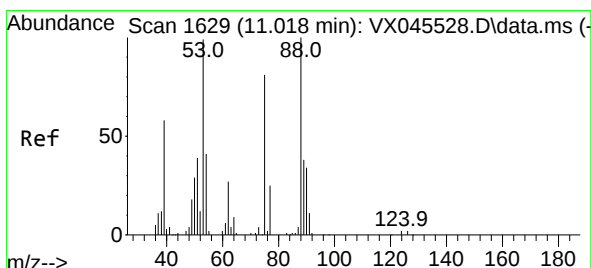
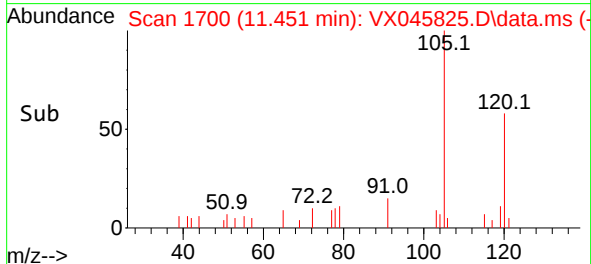
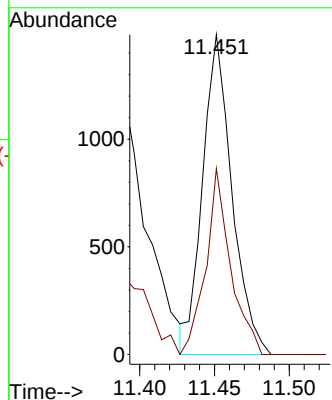
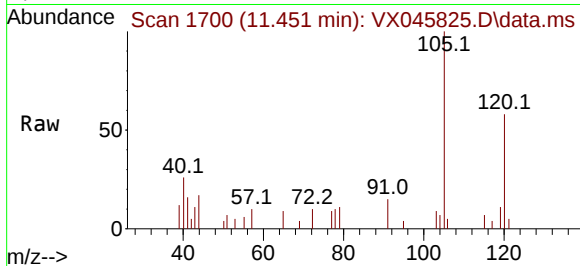




#80
1,3,5-Trimethylbenzene
Concen: 0.571 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045825.D
Acq: 17 Apr 2025 13:59

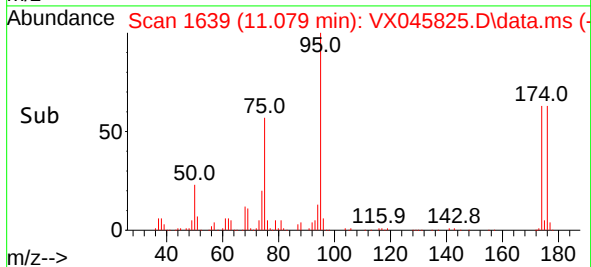
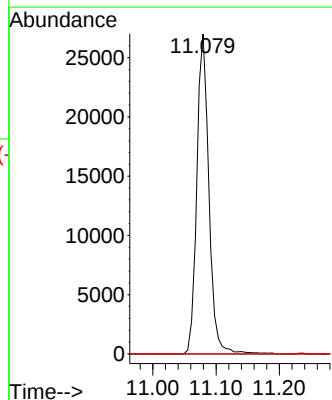
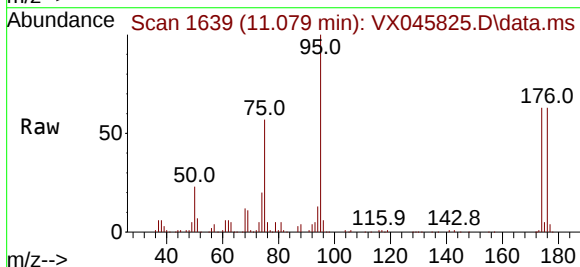
Instrument :
MSVOA_X
ClientSampleId :

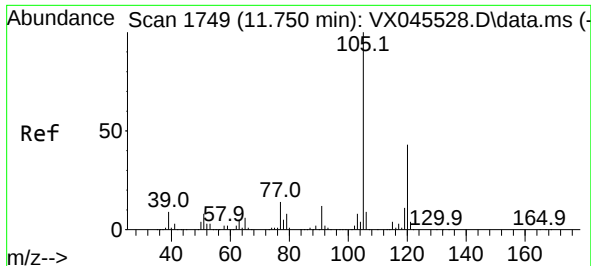
Tgt Ion:105 Resp: 2020
Ion Ratio Lower Upper
105 100
120 49.4 23.0 69.0



#81
trans-1,4-Dichloro-2-butene
Concen: 93.625 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045825.D
Acq: 17 Apr 2025 13:59

Tgt Ion: 75 Resp: 35938
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#

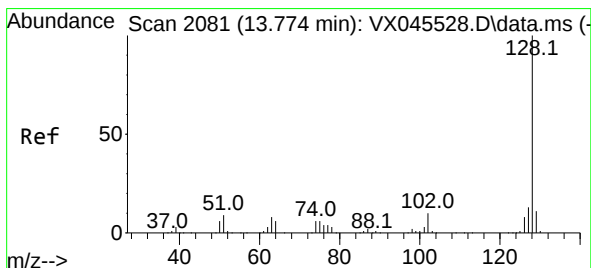
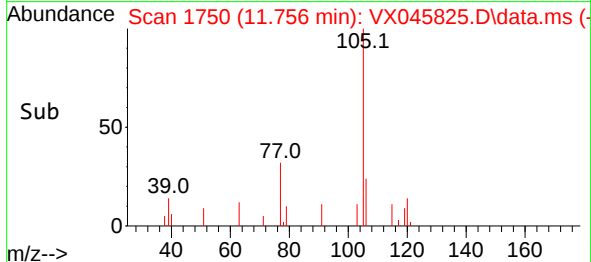
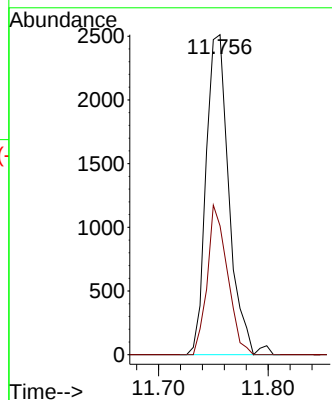
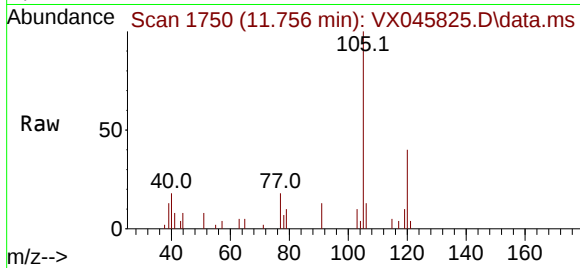




#84
 1,2,4-Trimethylbenzene
 Concen: 1.026 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX045825.D
 Acq: 17 Apr 2025 13:59

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion:105 Resp: 3644
 Ion Ratio Lower Upper
 105 100
 120 41.2 21.4 64.3



#95
 Naphthalene
 Concen: 0.719 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.006 min
 Lab File: VX045825.D
 Acq: 17 Apr 2025 13:59

Tgt Ion:128 Resp: 2663
 Ion Ratio Lower Upper
 128 100
 127 15.1 10.3 15.5
 129 10.4 8.6 12.8

