

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041725\
 Data File : VX045836.D
 Acq On : 17 Apr 2025 18:10
 Operator : JC/MD
 Sample : Q1818-06 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 18 03:42:46 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)

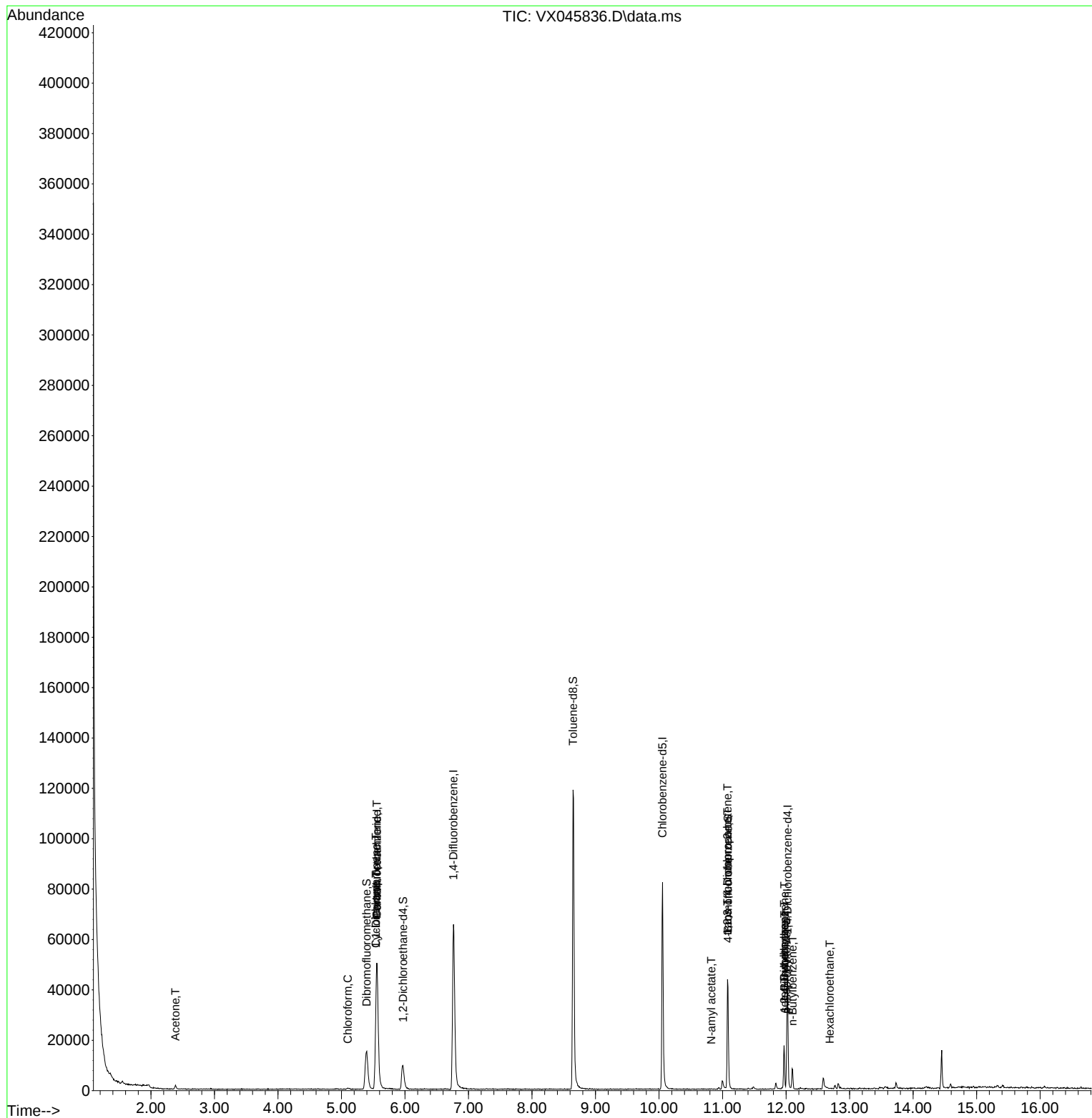
Internal Standards						
1) Pentafluorobenzene	5.556	168	44056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	66478	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	35454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	8726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	10974	13.621	ug/l	0.02
Spiked Amount	50.000	Range	74 - 125	Recovery	=	27.240%#
35) Dibromofluoromethane	5.397	113	14012	29.708	ug/l	0.02
Spiked Amount	50.000	Range	75 - 124	Recovery	=	59.420%#
50) Toluene-d8	8.647	98	73327	44.541	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.080%
62) 4-Bromofluorobenzene	11.085	95	13156	21.939	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	43.880%#
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	1872	5.658	ug/l	97
30) Chloroform	5.099	83	448	0.389	ug/l #	61
31) Cyclohexane	5.544	56	1281	1.296	ug/l #	40
36) 1,1-Dichloropropene	5.544	75	4066	6.385	ug/l #	51
38) Carbon Tetrachloride	5.556	117	5261	7.644	ug/l #	12
74) N-amyl acetate	10.823	43	90	0.269	ug/l #	46
76) 1,2,3-Trichloropropane	11.079	75	7426	34.889	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	7426	118.408	ug/l #	1
83) tert-Butylbenzene	11.969	119	133	0.232	ug/l #	1
84) 1,2,4-Trimethylbenzene	11.975	105	258	0.445	ug/l #	33
85) sec-Butylbenzene	11.975	105	258	0.367	ug/l #	58
86) p-Isopropyltoluene	12.006	119	1657	2.860	ug/l	93
89) n-Butylbenzene	12.103	91	234	0.466	ug/l #	33
90) Hexachloroethane	12.689	117	25	0.251	ug/l #	19

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

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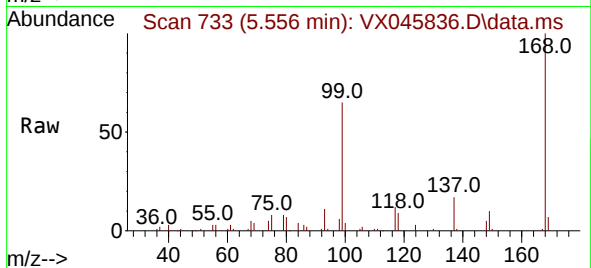
Quant Time: Apr 18 03:42:46 2025
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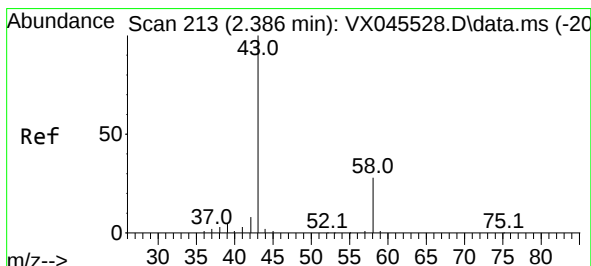
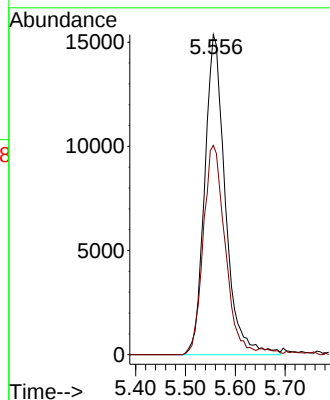
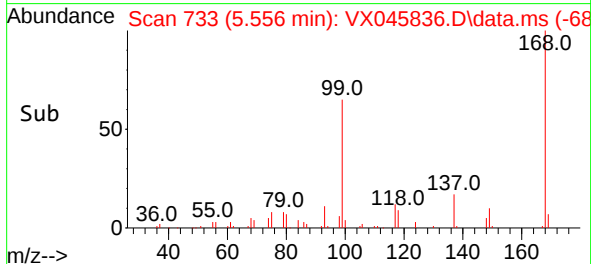


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX045836.D
Acq: 17 Apr 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :

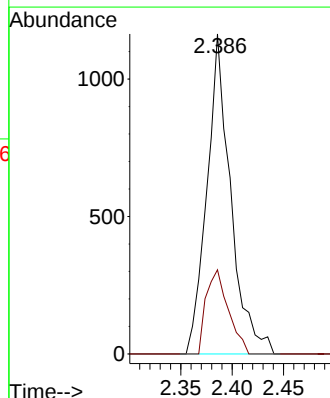
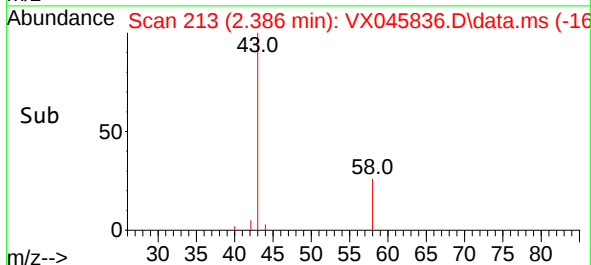
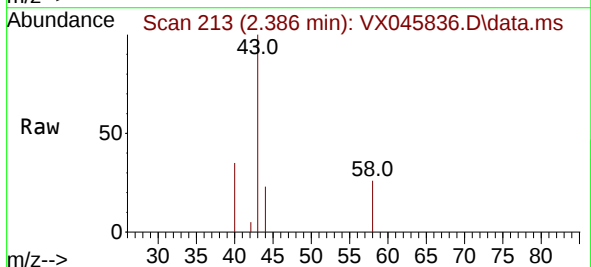


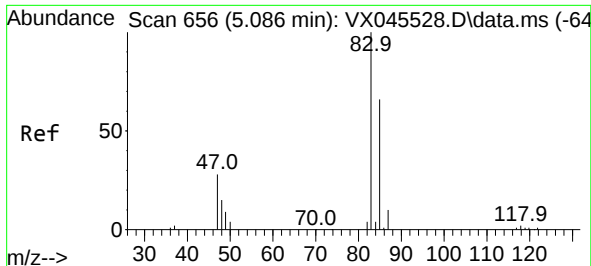
Tgt Ion:168 Resp: 44056
Ion Ratio Lower Upper
168 100
99 65.4 52.3 78.5



#16
Acetone
Concen: 5.658 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045836.D
Acq: 17 Apr 2025 18:10

Tgt Ion: 43 Resp: 1872
Ion Ratio Lower Upper
43 100
58 26.3 22.3 33.5





#30

Chloroform

Concen: 0.389 ug/l

RT: 5.099 min Scan# 6

Delta R.T. 0.012 min

Lab File: VX045836.D

Acq: 17 Apr 2025 18:10

Instrument :

MSVOA_X

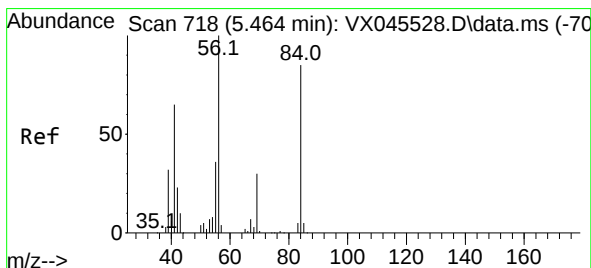
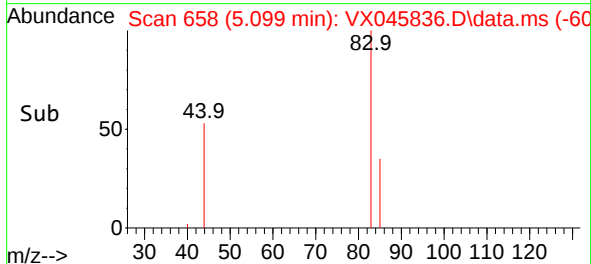
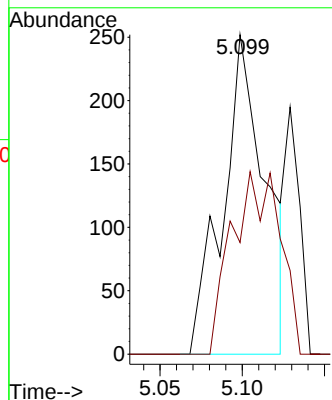
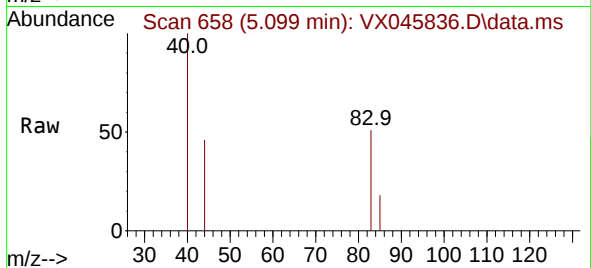
ClientSampleId :

Tgt Ion: 83 Resp: 448

Ion Ratio Lower Upper

83 100

85 34.9 52.8 79.2#



#31

Cyclohexane

Concen: 1.296 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX045836.D

Acq: 17 Apr 2025 18:10

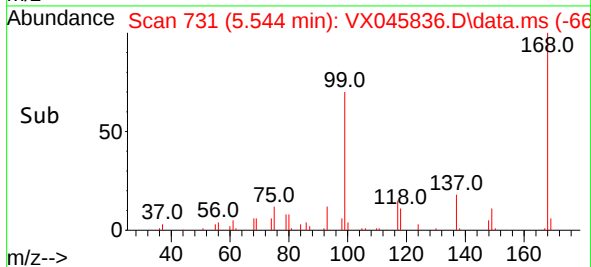
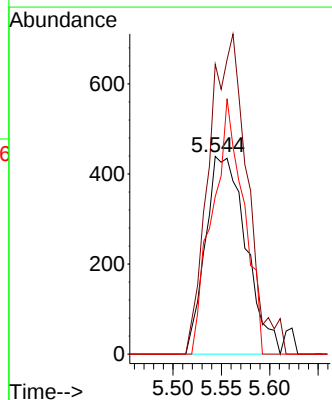
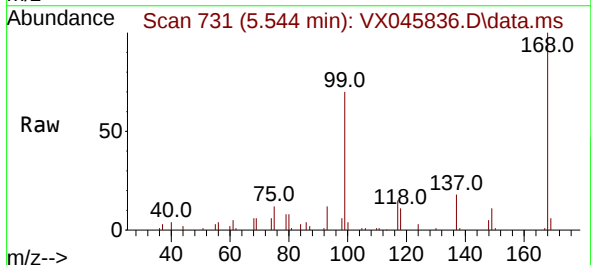
Tgt Ion: 56 Resp: 1281

Ion Ratio Lower Upper

56 100

69 146.7 23.6 35.4#

84 79.7 67.7 101.5





#33

1,2-Dichloroethane-d4

Concen: 13.621 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.018 min

Lab File: VX045836.D

Acq: 17 Apr 2025 18:10

Instrument :

MSVOA_X

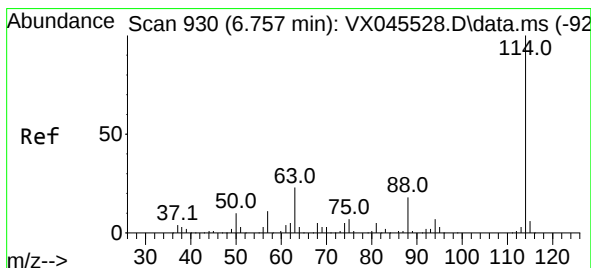
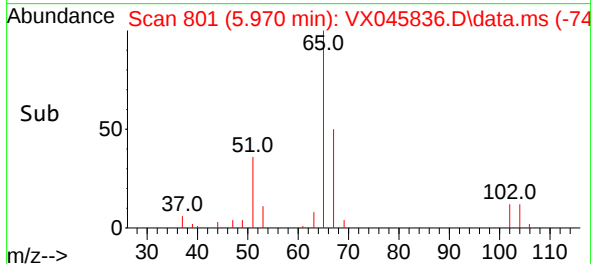
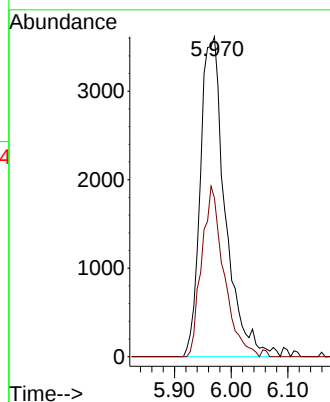
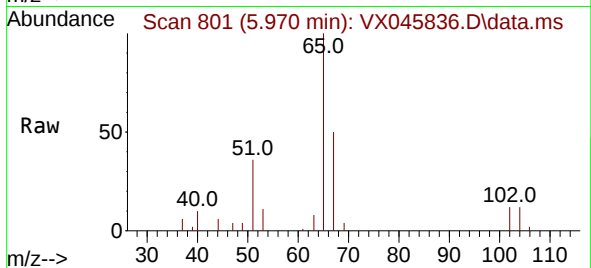
ClientSampleId :

Tgt Ion: 65 Resp: 10974

Ion Ratio Lower Upper

65 100

67 47.7 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX045836.D

Acq: 17 Apr 2025 18:10

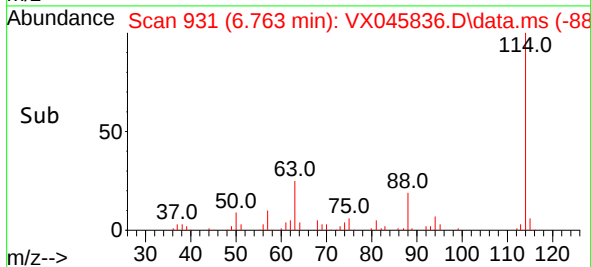
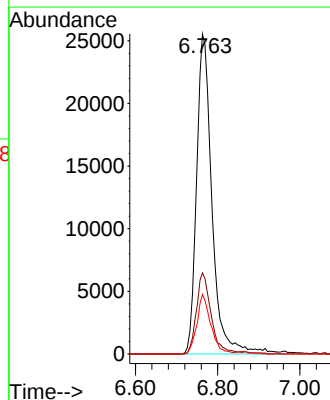
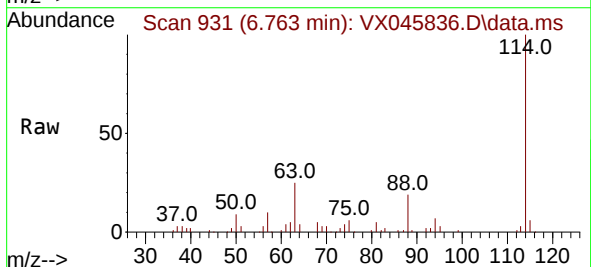
Tgt Ion: 114 Resp: 66478

Ion Ratio Lower Upper

114 100

63 25.4 0.0 46.8

88 18.6 0.0 35.4





#35

Dibromofluoromethane

Concen: 29.708 ug/l

RT: 5.397 min Scan# 704

Delta R.T. 0.018 min

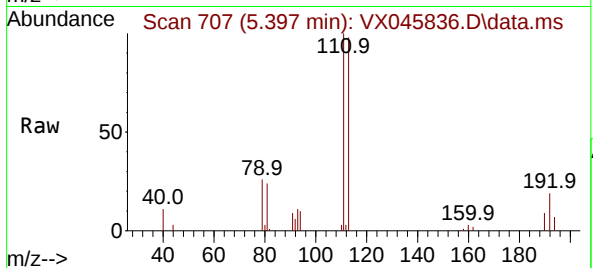
Lab File: VX045836.D

Acq: 17 Apr 2025 18:10

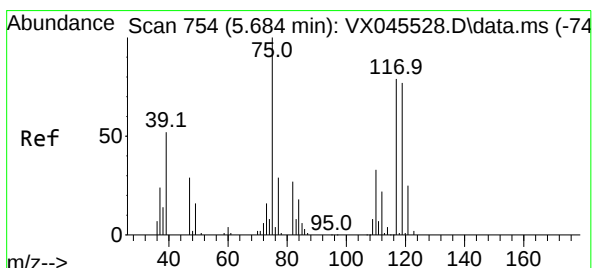
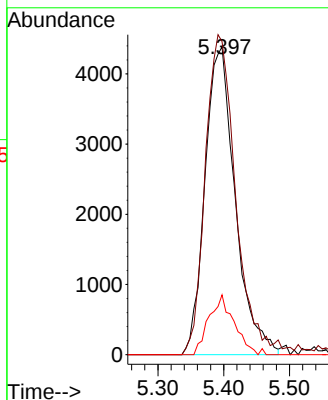
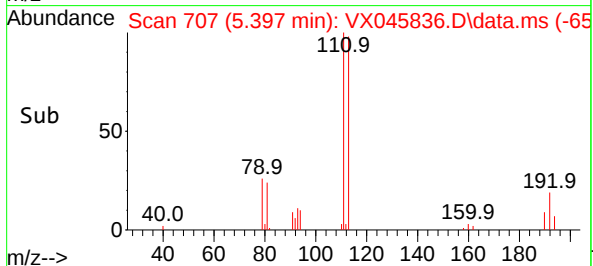
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	113	Resp:	14012
Ion	Ratio	Lower	Upper
113	100		
111	104.6	81.8	122.6
192	16.1	13.8	20.6



#36

1,1-Dichloropropene

Concen: 6.385 ug/l

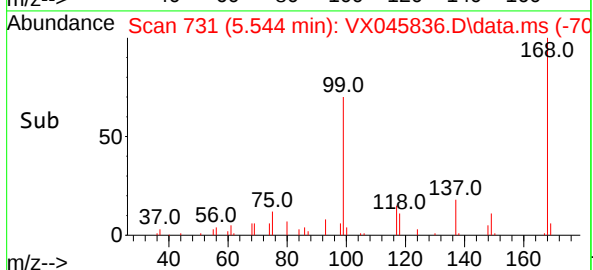
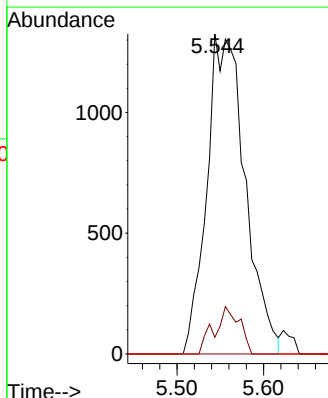
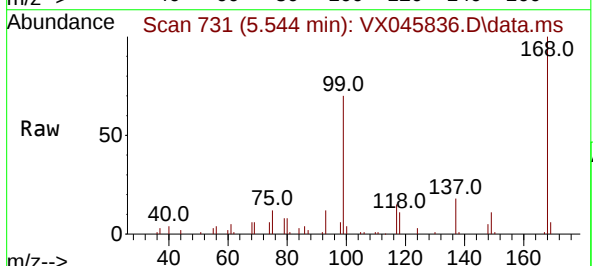
RT: 5.544 min Scan# 731

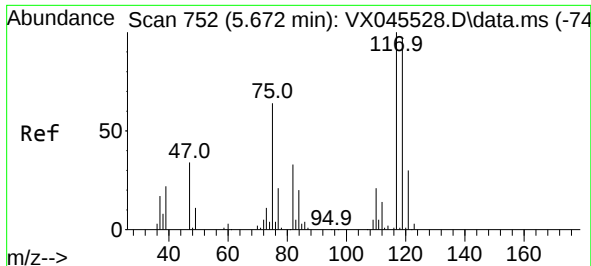
Delta R.T. -0.140 min

Lab File: VX045836.D

Acq: 17 Apr 2025 18:10

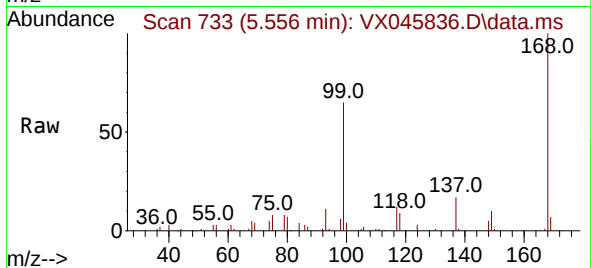
Tgt Ion:	75	Resp:	4066
Ion	Ratio	Lower	Upper
75	100		
110	9.7	16.9	50.6#
77	0.0	25.0	37.4#



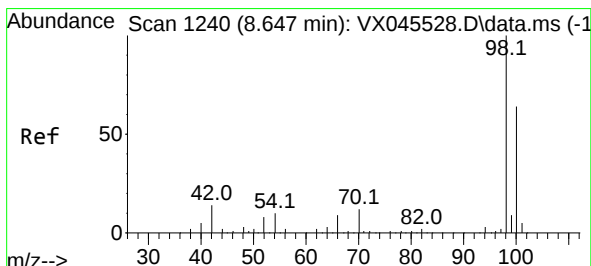
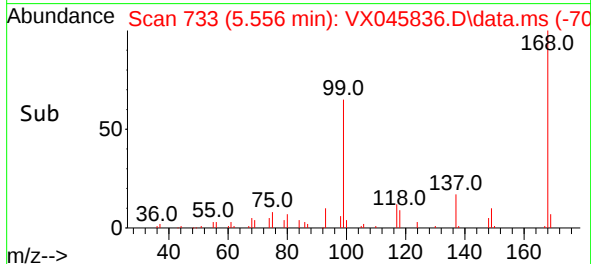
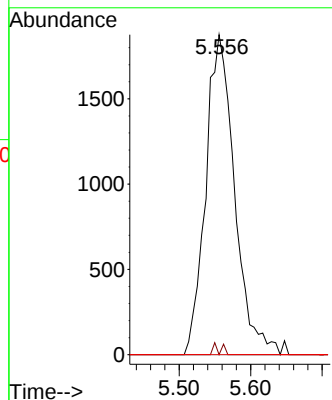


#38
Carbon Tetrachloride
Concen: 7.644 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX045836.D
Acq: 17 Apr 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :

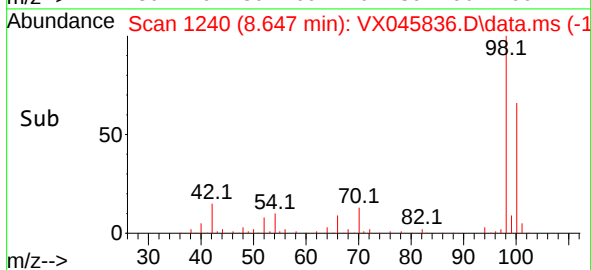
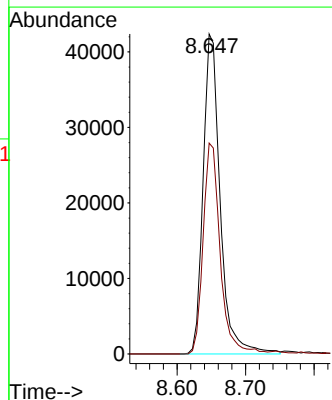
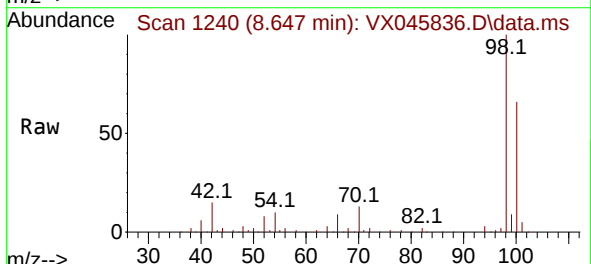


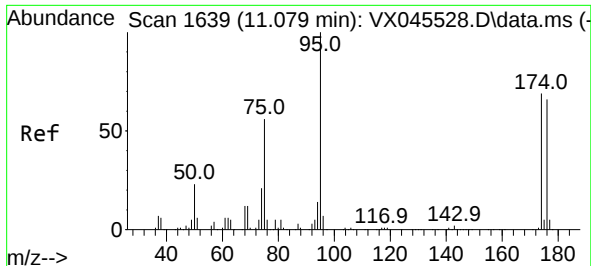
Tgt Ion:117 Resp: 5261
Ion Ratio Lower Upper
117 100
119 0.0 76.9 115.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 44.541 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045836.D
Acq: 17 Apr 2025 18:10

Tgt Ion: 98 Resp: 73327
Ion Ratio Lower Upper
98 100
100 65.9 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 21.939 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX045836.D

Acq: 17 Apr 2025 18:10

Instrument :

MSVOA_X

ClientSampleId :

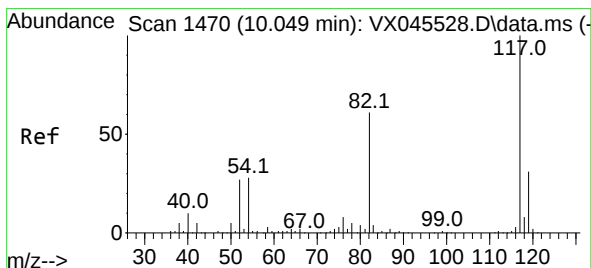
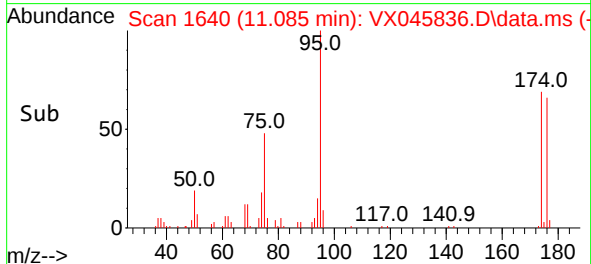
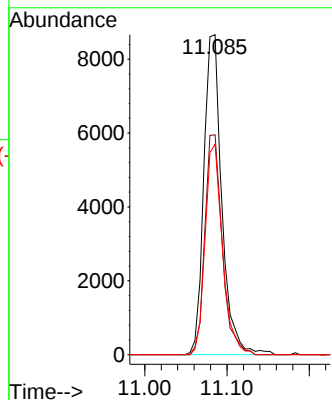
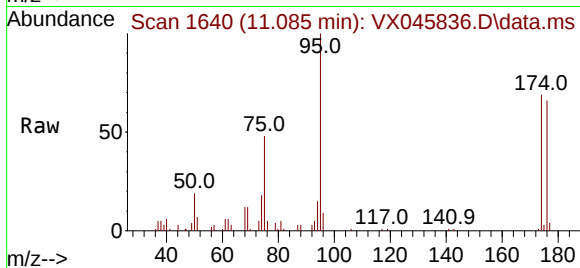
Tgt Ion: 95 Resp: 13156

Ion Ratio Lower Upper

95 100

174 66.6 0.0 135.8

176 63.5 0.0 131.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX045836.D

Acq: 17 Apr 2025 18:10

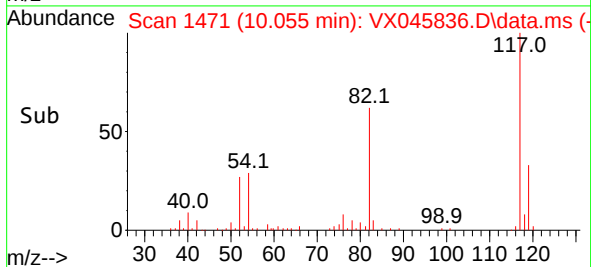
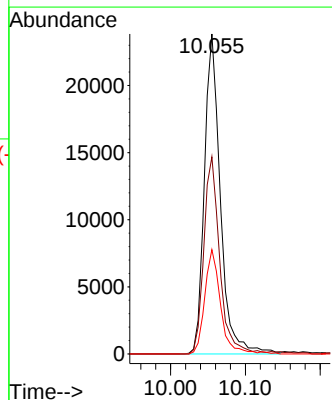
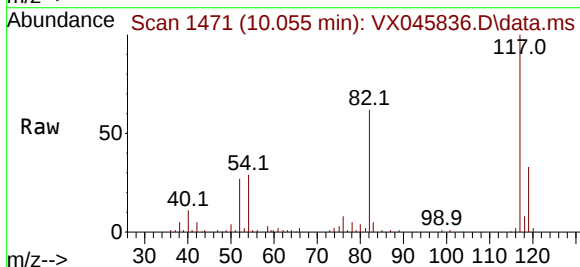
Tgt Ion: 117 Resp: 35454

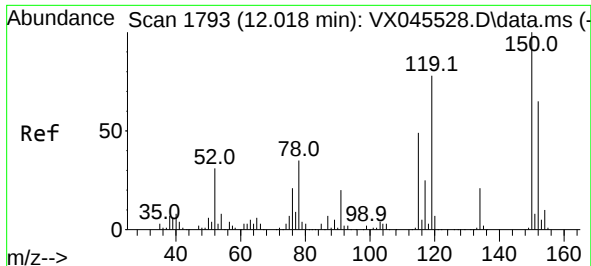
Ion Ratio Lower Upper

117 100

82 61.6 49.2 73.8

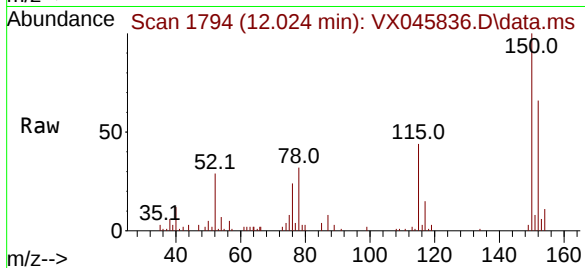
119 32.6 25.1 37.7



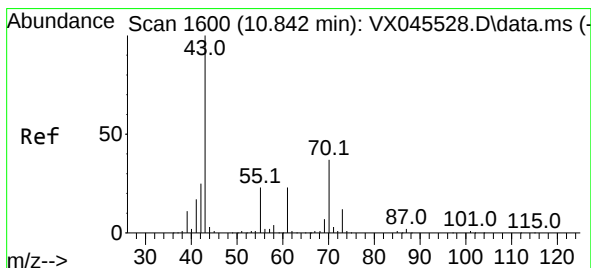
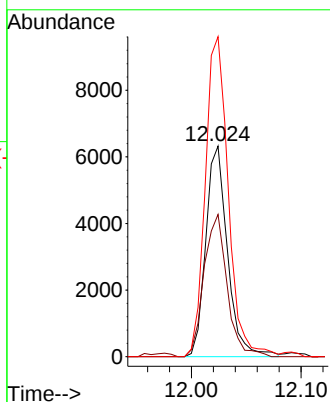
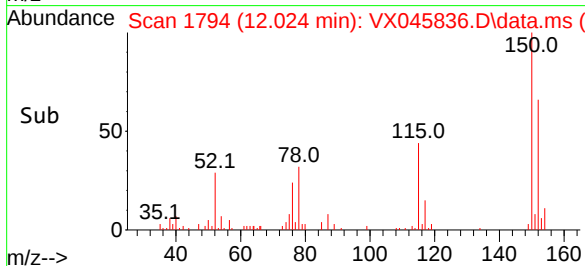


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045836.D
Acq: 17 Apr 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :

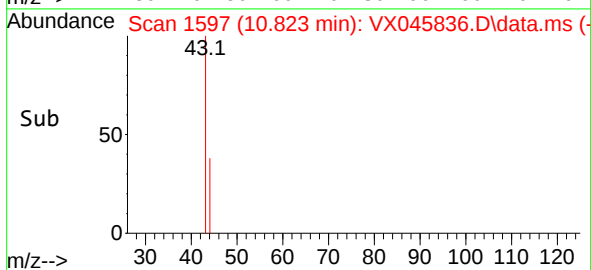
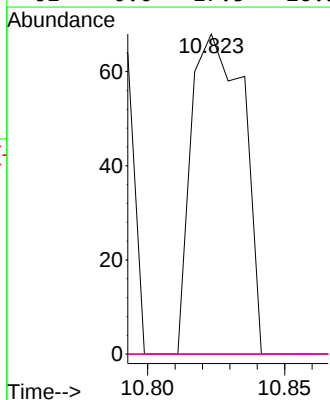
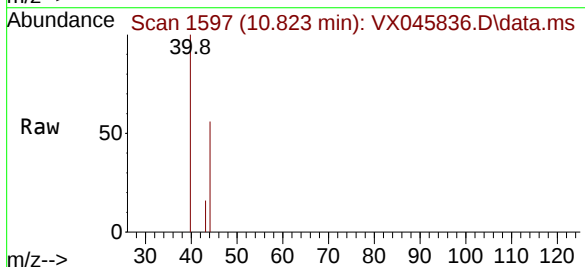


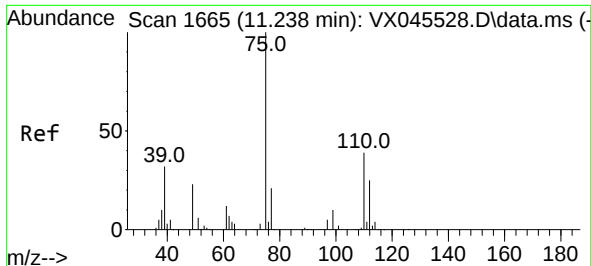
Tgt Ion:152 Resp: 8726
Ion Ratio Lower Upper
152 100
115 71.5 46.9 140.7
150 160.2 0.0 349.4



#74
N-ethyl acetate
Concen: 0.269 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.018 min
Lab File: VX045836.D
Acq: 17 Apr 2025 18:10

Tgt Ion: 43 Resp: 90
Ion Ratio Lower Upper
43 100
70 0.0 30.1 45.1#
55 0.0 18.3 27.5#
61 0.0 17.5 26.3#

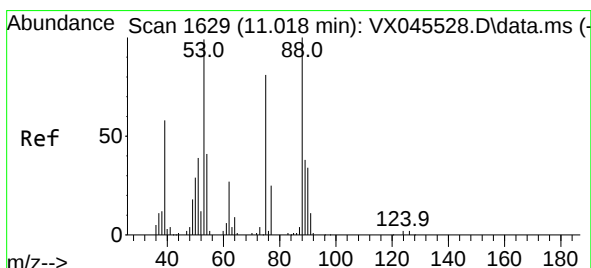
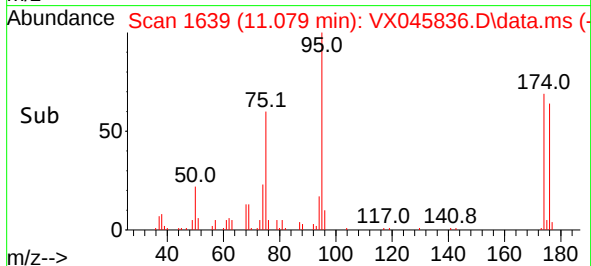
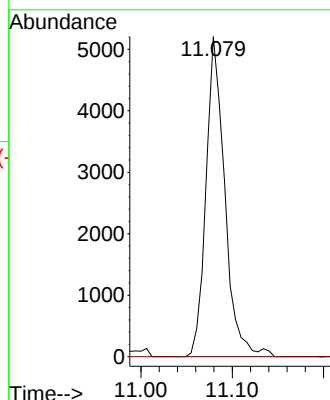
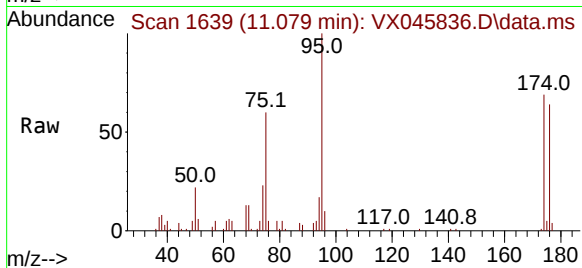




#76
1,2,3-Trichloropropane
Concen: 34.889 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045836.D
Acq: 17 Apr 2025 18:10

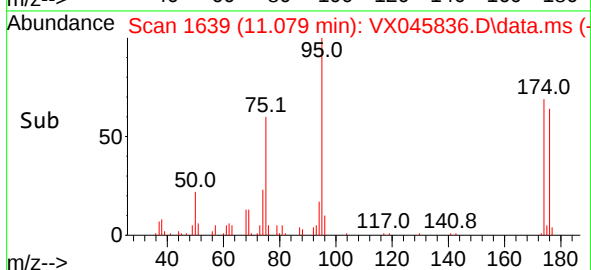
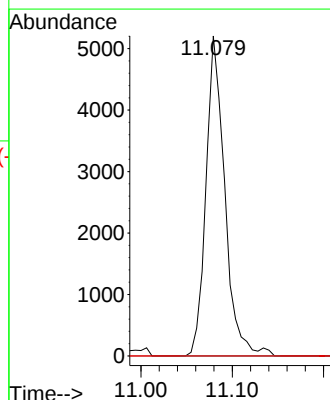
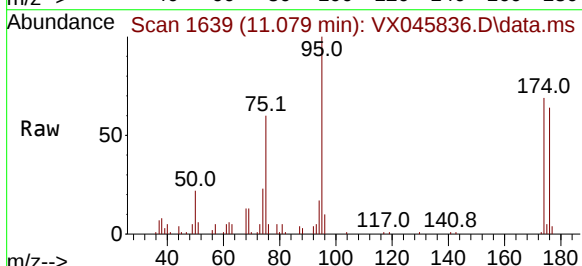
Instrument :
MSVOA_X
ClientSampleId :

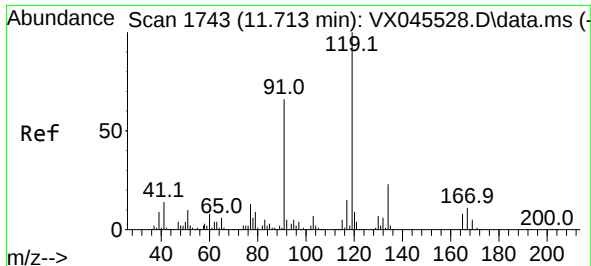
Tgt Ion: 75 Resp: 7426
Ion Ratio Lower Upper
75 100
77 0.0 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.408 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045836.D
Acq: 17 Apr 2025 18:10

Tgt Ion: 75 Resp: 7426
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#

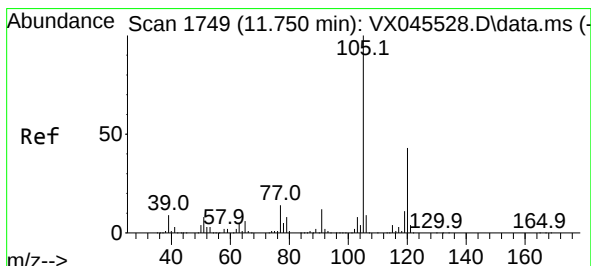
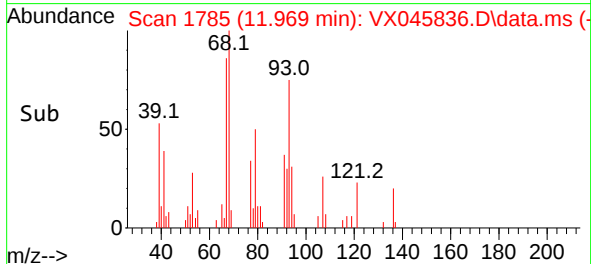
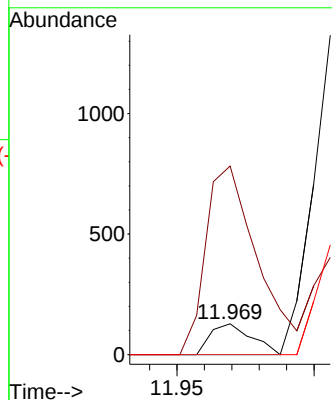
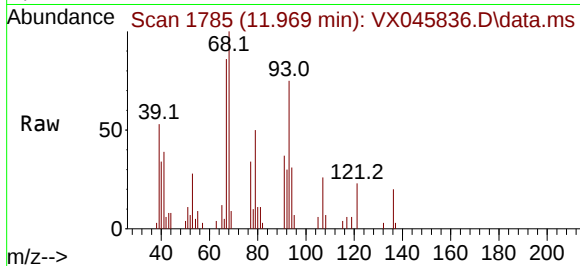




#83
tert-Butylbenzene
Concen: 0.232 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.256 min
Lab File: VX045836.D
Acq: 17 Apr 2025 18:10

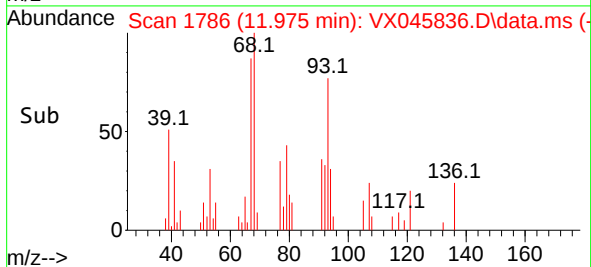
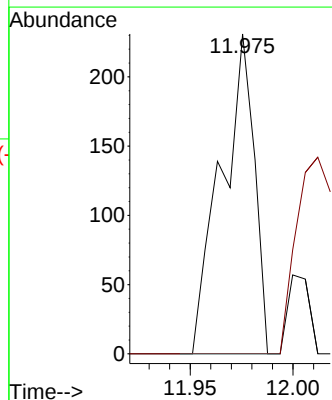
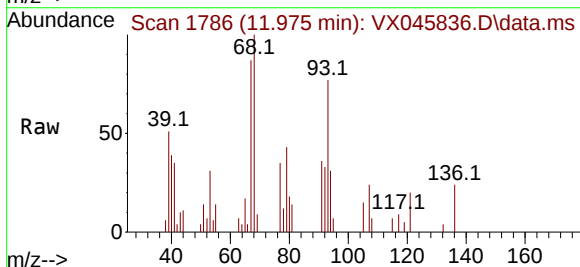
Instrument :
MSVOA_X
ClientSampleId :

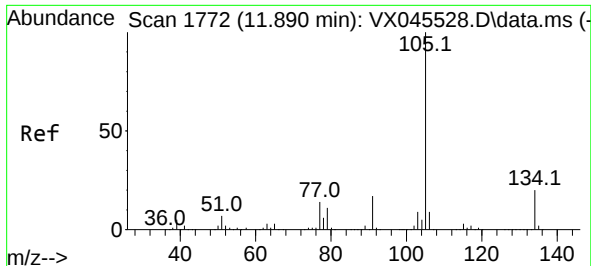
Tgt Ion:119 Resp: 133
Ion Ratio Lower Upper
119 100
91 742.9 32.4 97.2#
134 0.0 11.5 34.5#



#84
1,2,4-Trimethylbenzene
Concen: 0.445 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. 0.226 min
Lab File: VX045836.D
Acq: 17 Apr 2025 18:10

Tgt Ion:105 Resp: 258
Ion Ratio Lower Upper
105 100
120 0.0 21.4 64.3#





#85

sec-Butylbenzene

Concen: 0.367 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.085 min

Lab File: VX045836.D

Acq: 17 Apr 2025 18:10

Instrument :

MSVOA_X

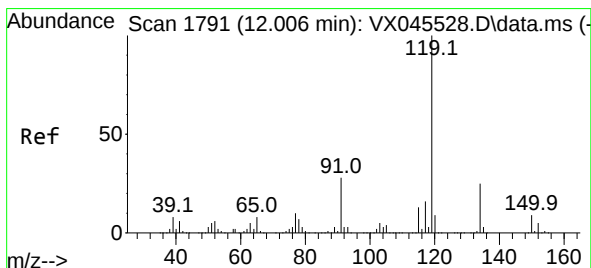
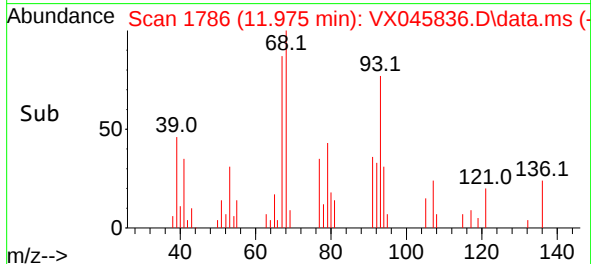
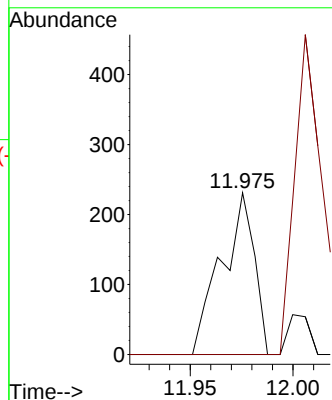
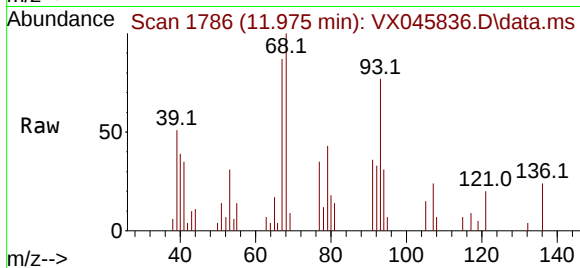
ClientSampleId :

Tgt Ion:105 Resp: 258

Ion Ratio Lower Upper

105 100

134 0.0 9.6 28.6#



#86

p-Isopropyltoluene

Concen: 2.860 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX045836.D

Acq: 17 Apr 2025 18:10

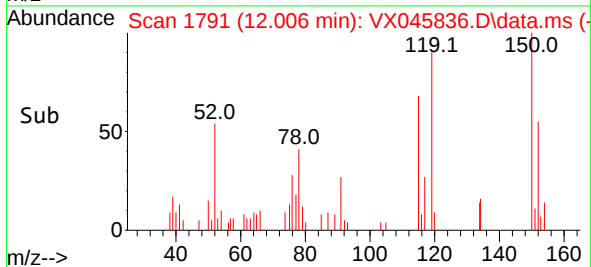
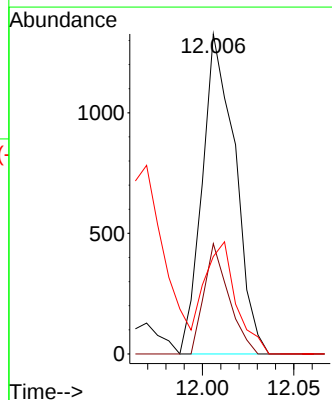
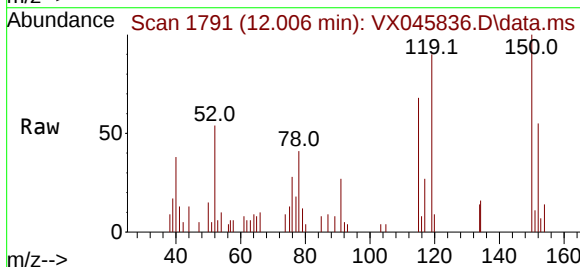
Tgt Ion:119 Resp: 1657

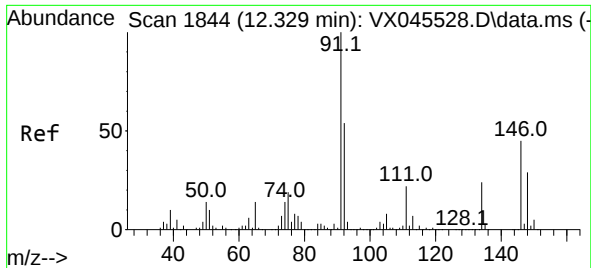
Ion Ratio Lower Upper

119 100

134 26.0 12.6 37.8

91 33.8 13.7 41.1

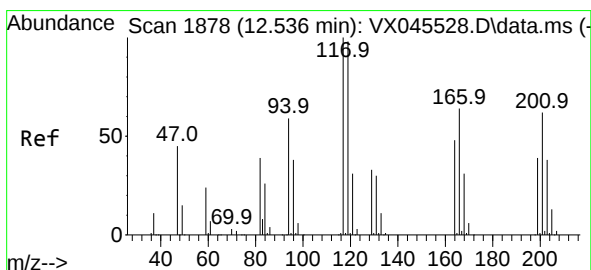
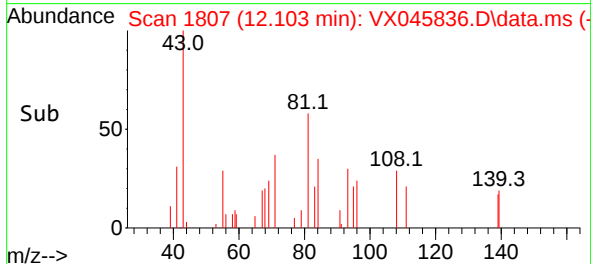
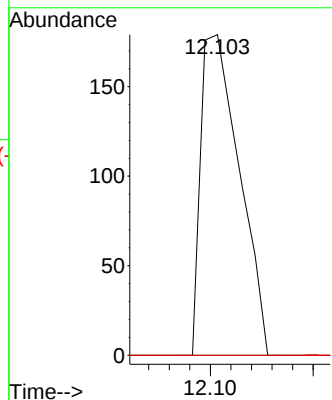
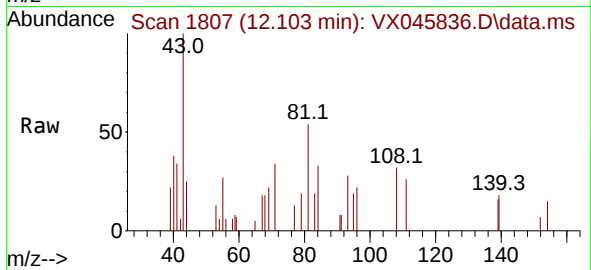




#89
n-Butylbenzene
Concen: 0.466 ug/l
RT: 12.103 min Scan# 11
Delta R.T. -0.226 min
Lab File: VX045836.D
Acq: 17 Apr 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 234
Ion Ratio Lower Upper
91 100
92 0.0 26.9 80.6#
134 0.0 11.9 35.7#



#90
Hexachloroethane
Concen: 0.251 ug/l
RT: 12.689 min Scan# 1903
Delta R.T. 0.152 min
Lab File: VX045836.D
Acq: 17 Apr 2025 18:10

Tgt Ion: 117 Resp: 25
Ion Ratio Lower Upper
117 100
201 0.0 31.2 93.6#

