

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021125\
 Data File : VX044905.D
 Acq On : 11 Feb 2025 14:52
 Operator : JC/MD
 Sample : Q1332-01DL 2X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW1DL

Quant Time: Feb 12 07:21:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

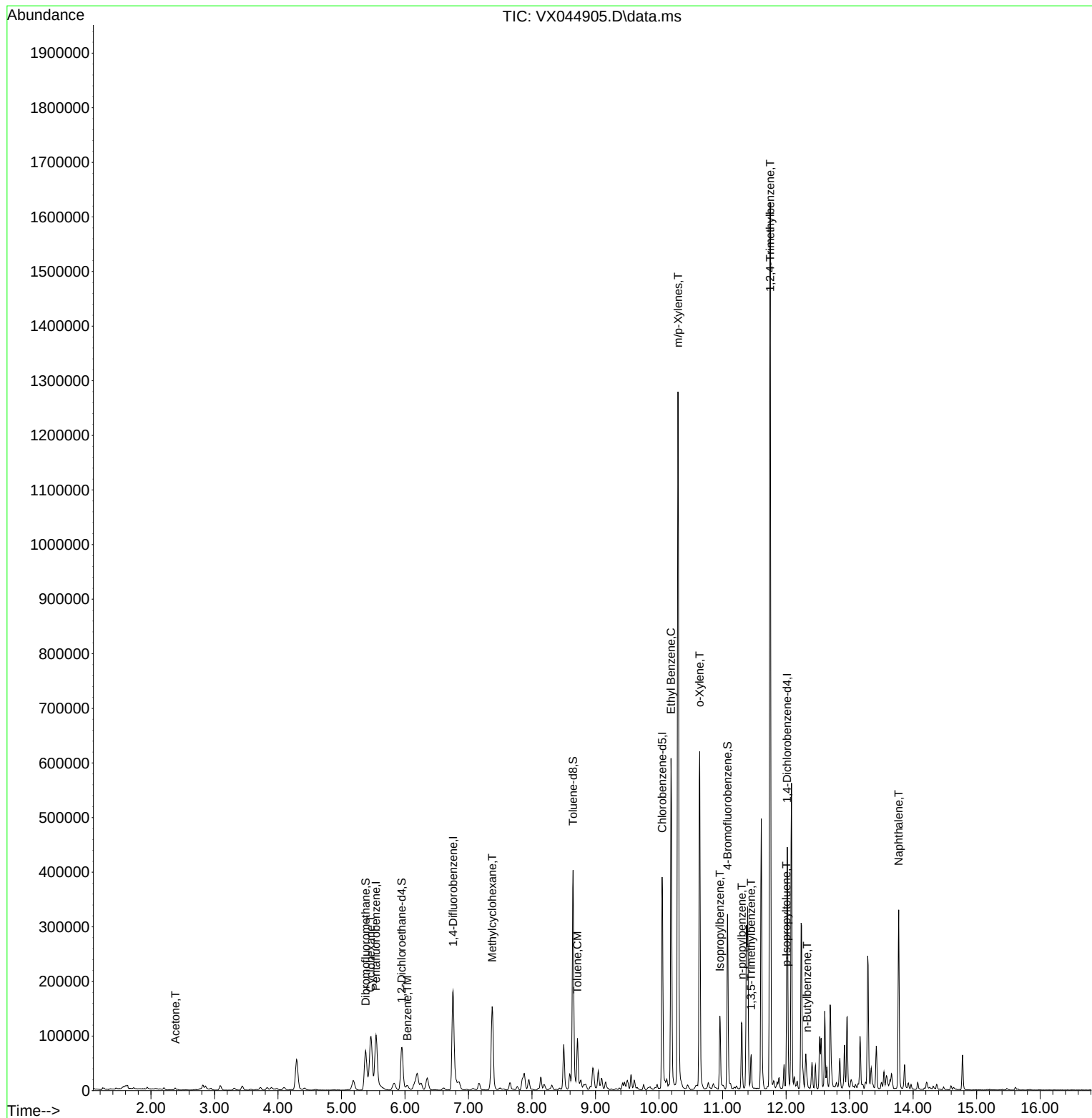
Internal Standards						
1) Pentafluorobenzene	5.544	168	96361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	194399	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	179329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	80982	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	74633	52.911	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.820%	
35) Dibromofluoromethane	5.379	113	63256	50.048	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.100%	
50) Toluene-d8	8.647	98	240764	50.376	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.760%	
62) 4-Bromofluorobenzene	11.079	95	87127	54.075	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 108.140%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	4276	7.541	ug/l #	83
31) Cyclohexane	5.458	56	71242	32.522	ug/l	97
39) Methylcyclohexane	7.373	83	68869	29.213	ug/l	98
40) Benzene	6.037	78	10130	1.779	ug/l	98
52) Toluene	8.714	92	35618	10.503	ug/l	97
67) Ethyl Benzene	10.189	91	360090	52.977	ug/l	99
68) m/p-Xylenes	10.299	106	294019	117.264	ug/l	99
69) o-Xylene	10.640	106	134603	53.501	ug/l	99
73) Isopropylbenzene	10.957	105	71219	10.922	ug/l	99
78) n-propylbenzene	11.305	91	79483	10.561	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	27988	5.289	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	673235	128.908	ug/l	100
86) p-Isopropyltoluene	12.006	119	14967	2.808	ug/l	97
89) n-Butylbenzene	12.329	91	10361	2.197	ug/l #	43
95) Naphthalene	13.774	128	192285	32.901	ug/l	99

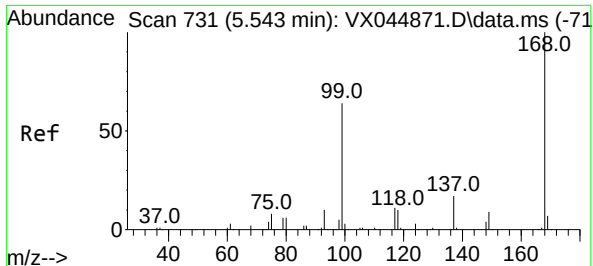
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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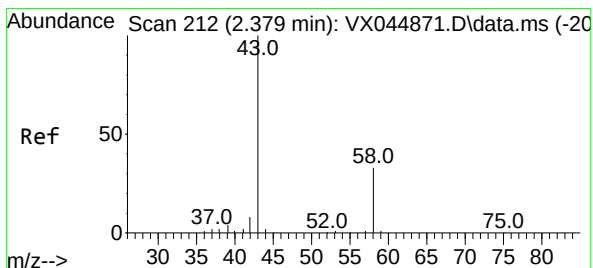
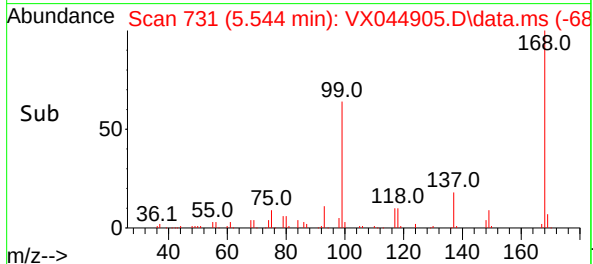
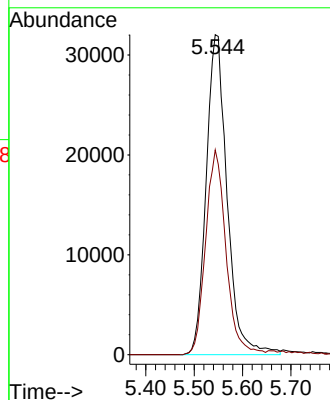
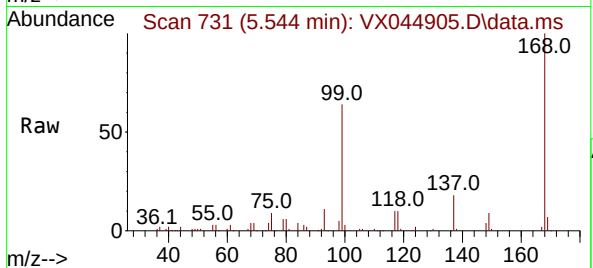




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044905.D
Acq: 11 Feb 2025 14:52

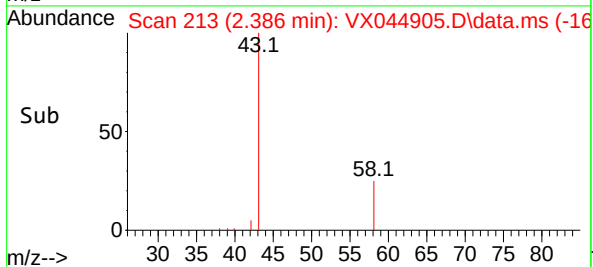
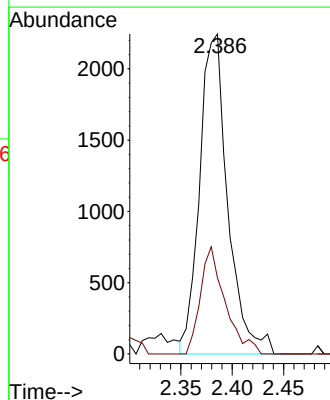
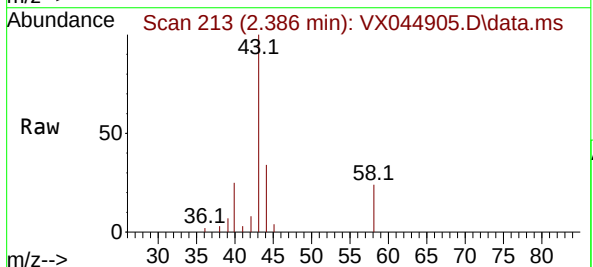
Instrument :
MSVOA_X
ClientSampleId :
MW1DL

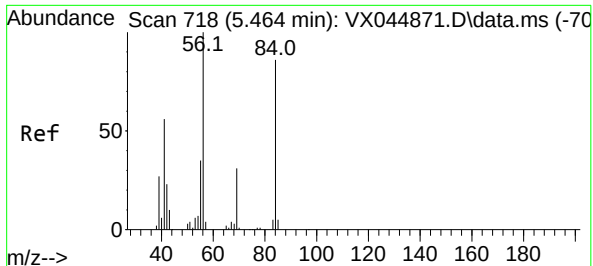
Tgt Ion:168 Resp: 96361
Ion Ratio Lower Upper
168 100
99 64.0 51.2 76.8



#16
Acetone
Concen: 7.541 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044905.D
Acq: 11 Feb 2025 14:52

Tgt Ion: 43 Resp: 4276
Ion Ratio Lower Upper
43 100
58 23.7 26.5 39.7#

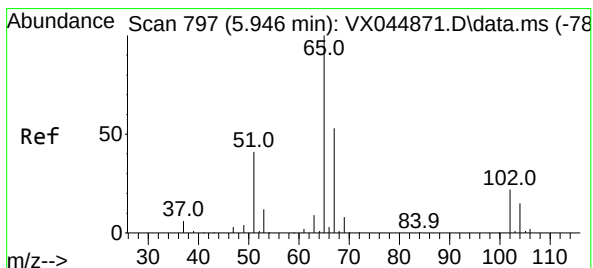
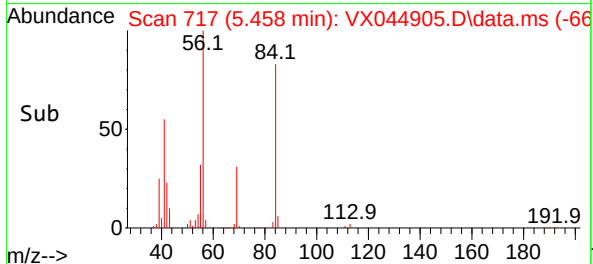
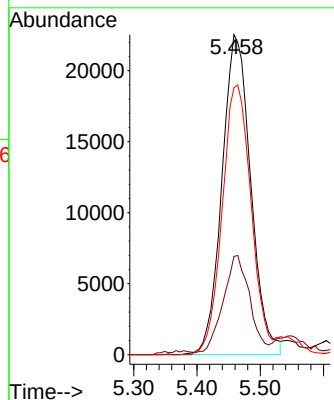
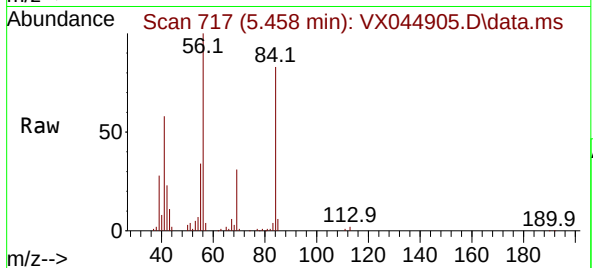




#31
Cyclohexane
Concen: 32.522 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX044905.D
Acq: 11 Feb 2025 14:52

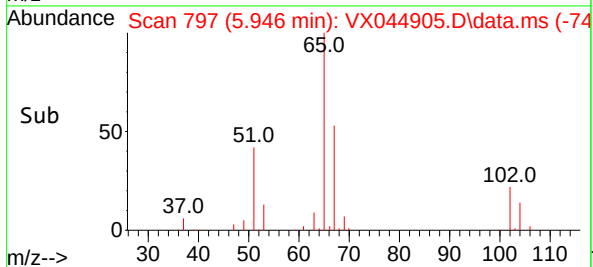
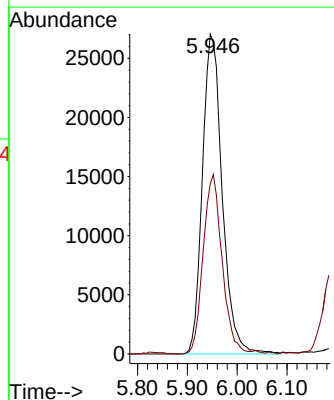
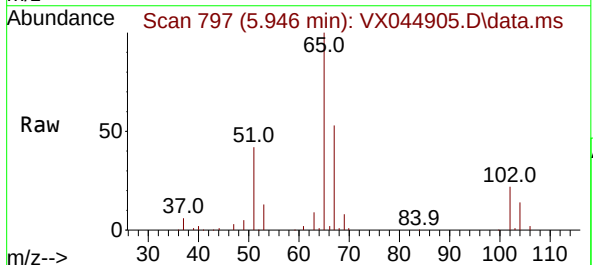
Instrument :
MSVOA_X
ClientSampleId :
MW1DL

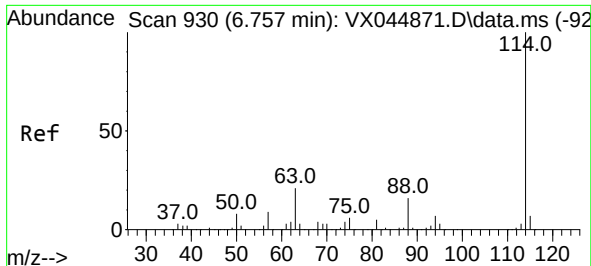
Tgt Ion: 56 Resp: 71242
Ion Ratio Lower Upper
56 100
69 29.8 24.4 36.6
84 83.5 69.0 103.6



#33
1,2-Dichloroethane-d4
Concen: 52.911 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX044905.D
Acq: 11 Feb 2025 14:52

Tgt Ion: 65 Resp: 74633
Ion Ratio Lower Upper
65 100
67 53.6 0.0 108.2

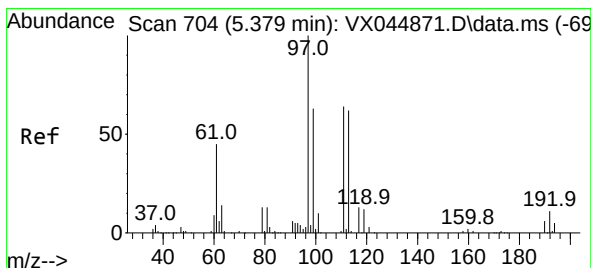
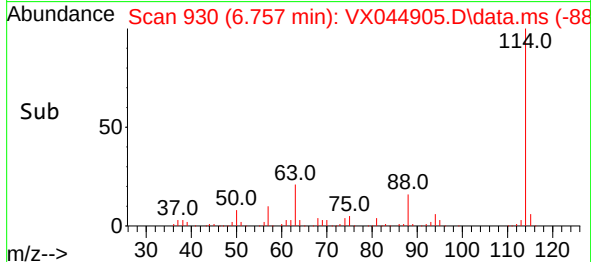
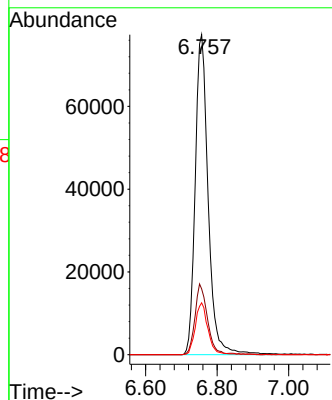
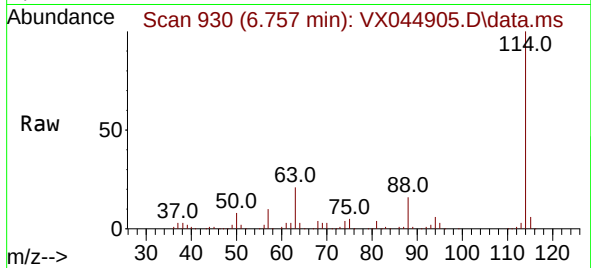




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044905.D
Acq: 11 Feb 2025 14:52

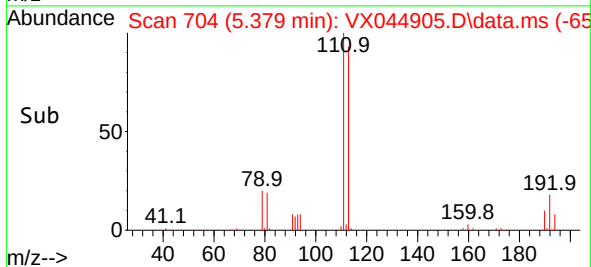
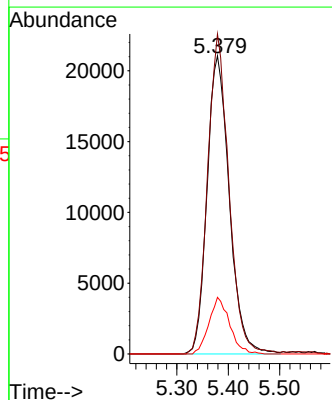
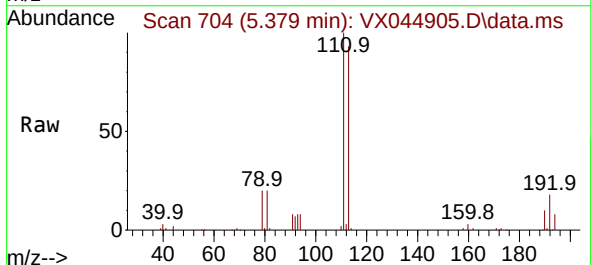
Instrument :
MSVOA_X
ClientSampleId :
MW1DL

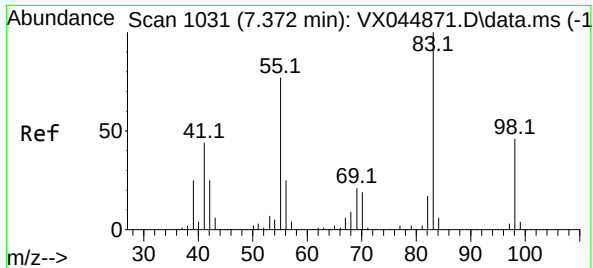
Tgt Ion:114 Resp: 194399
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.4
88 16.2 0.0 31.4



#35
Dibromofluoromethane
Concen: 50.048 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044905.D
Acq: 11 Feb 2025 14:52

Tgt Ion:113 Resp: 63256
Ion Ratio Lower Upper
113 100
111 103.3 83.5 125.3
192 17.7 14.4 21.6





#39

Methylcyclohexane

Concen: 29.213 ug/l

RT: 7.373 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044905.D

Acq: 11 Feb 2025 14:52

Instrument :

MSVOA_X

ClientSampleId :

MW1DL

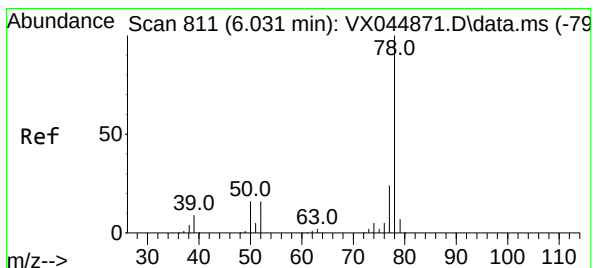
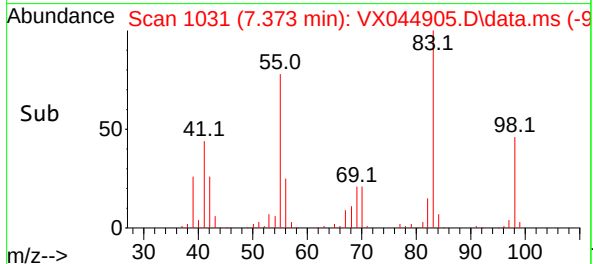
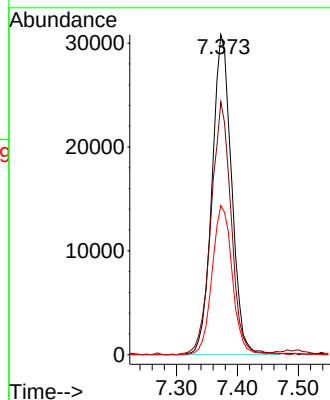
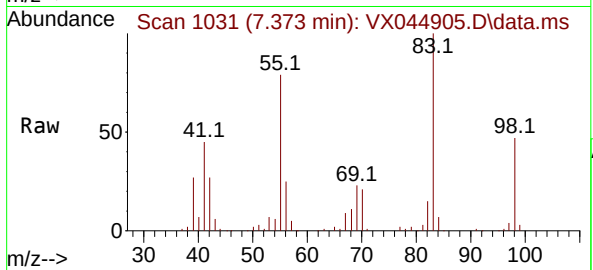
Tgt Ion: 83 Resp: 68869

Ion Ratio Lower Upper

83 100

55 78.8 61.3 91.9

98 46.6 37.0 55.6



#40

Benzene

Concen: 1.779 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX044905.D

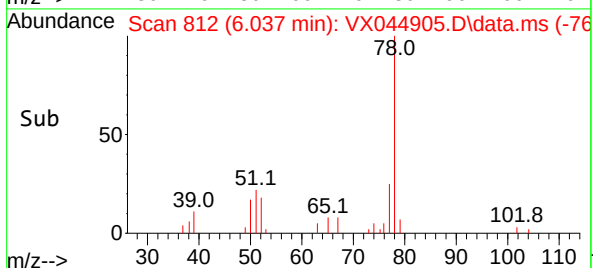
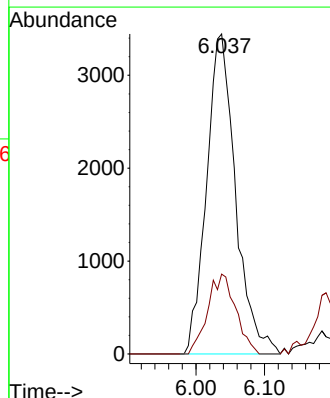
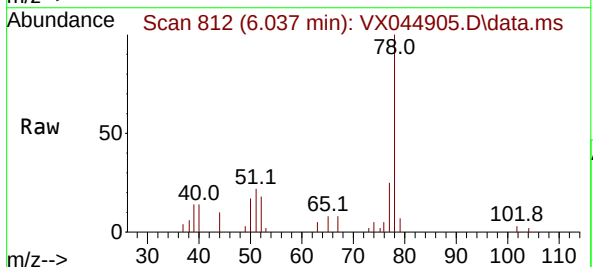
Acq: 11 Feb 2025 14:52

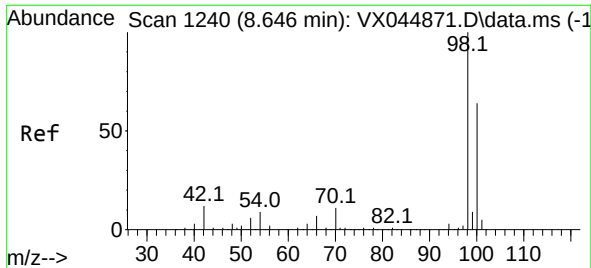
Tgt Ion: 78 Resp: 10130

Ion Ratio Lower Upper

78 100

77 24.9 19.0 28.6

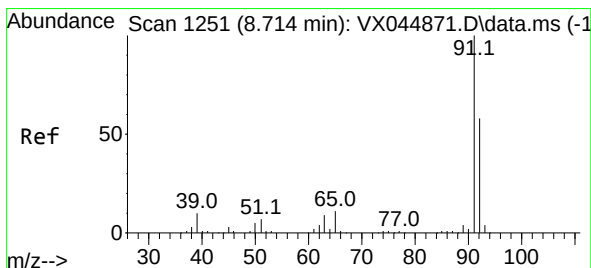
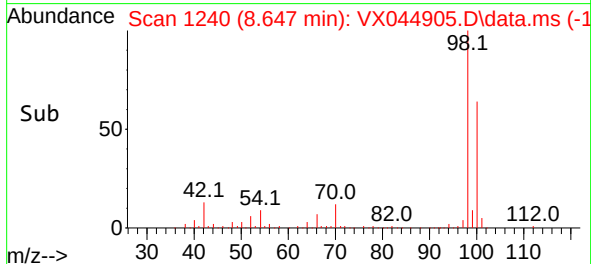
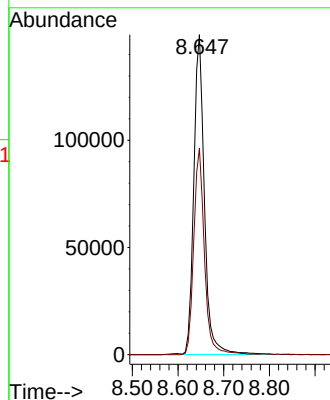
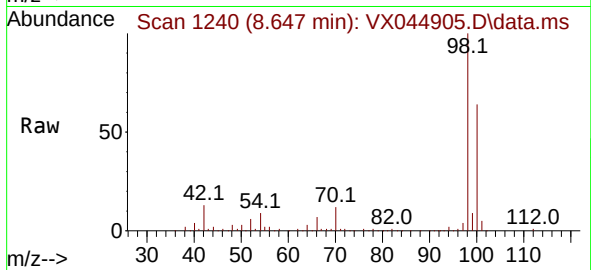




#50
Toluene-d8
Concen: 50.376 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044905.D
Acq: 11 Feb 2025 14:52

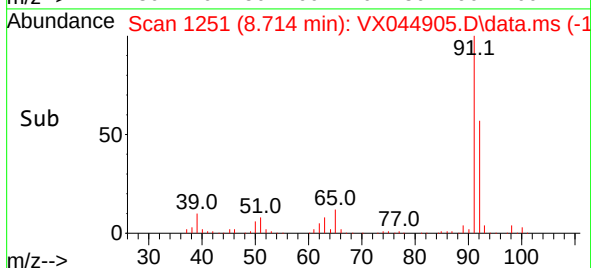
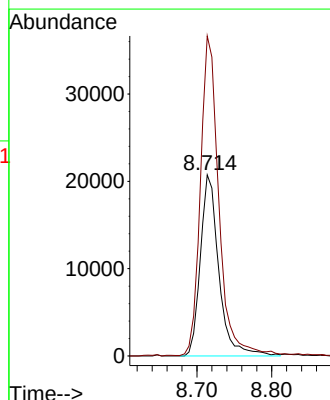
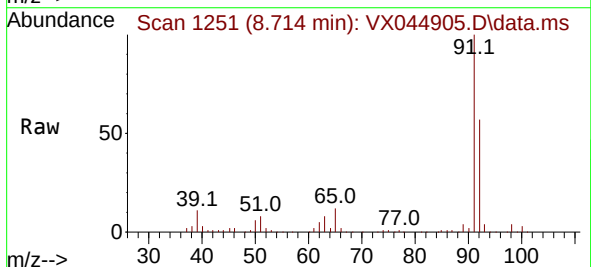
Instrument :
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MW1DL

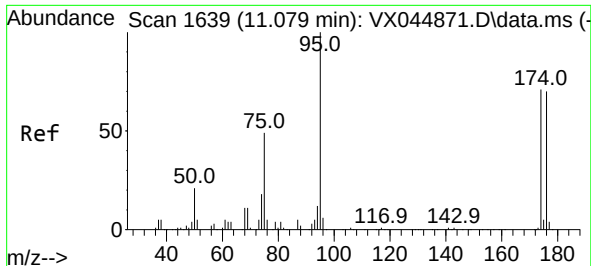
Tgt Ion: 98 Resp: 240764
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1



#52
Toluene
Concen: 10.503 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044905.D
Acq: 11 Feb 2025 14:52

Tgt Ion: 92 Resp: 35618
Ion Ratio Lower Upper
92 100
91 175.3 137.4 206.2

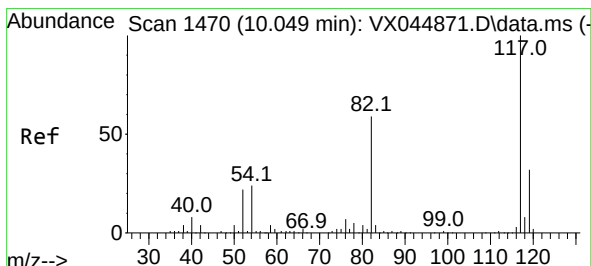
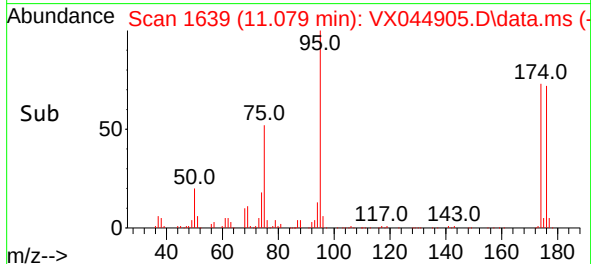
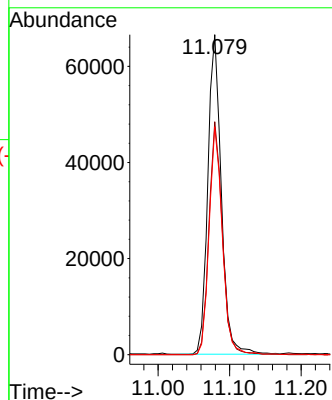
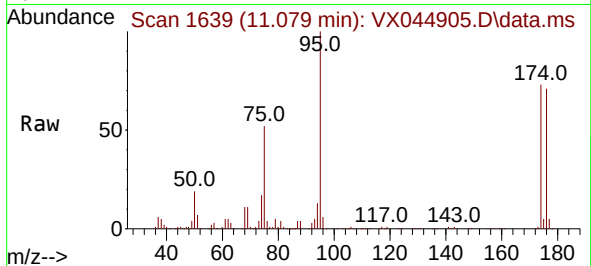




#62
4-Bromofluorobenzene
Concen: 54.075 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044905.D
Acq: 11 Feb 2025 14:52

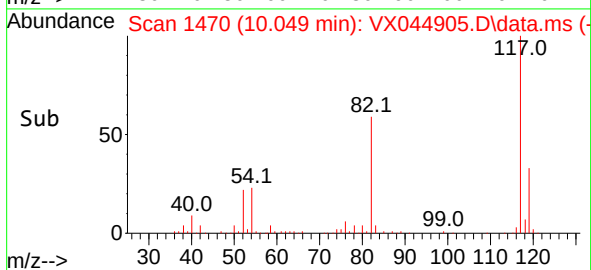
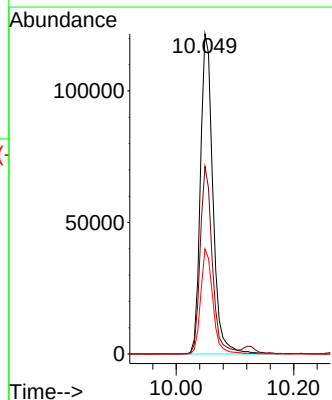
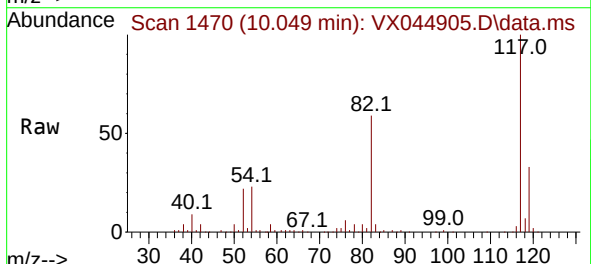
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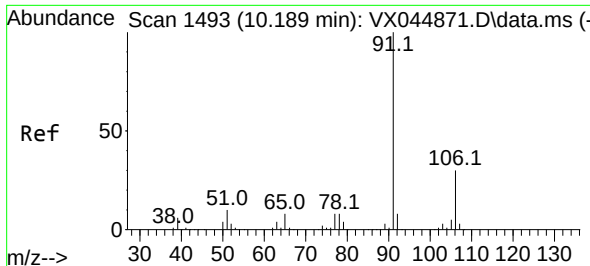
Tgt Ion: 95 Resp: 87127
Ion Ratio Lower Upper
95 100
174 72.3 0.0 142.6
176 69.9 0.0 141.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044905.D
Acq: 11 Feb 2025 14:52

Tgt Ion: 117 Resp: 179329
Ion Ratio Lower Upper
117 100
82 58.6 47.5 71.3
119 32.8 25.4 38.0





#67

Ethyl Benzene

Concen: 52.977 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX044905.D

Acq: 11 Feb 2025 14:52

Instrument :

MSVOA_X

ClientSampleId :

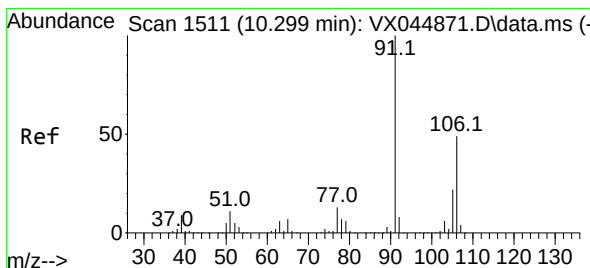
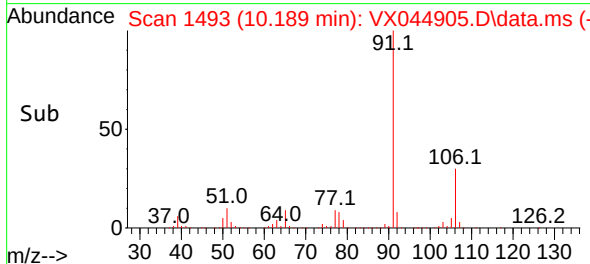
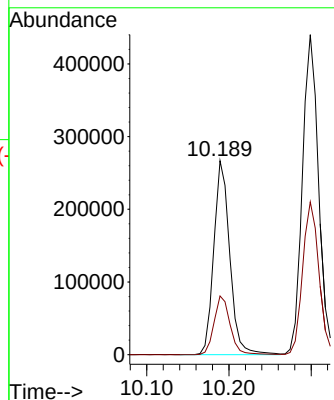
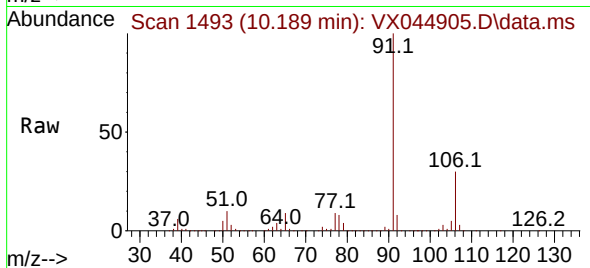
MW1DL

Tgt Ion: 91 Resp: 360090

Ion Ratio Lower Upper

91 100

106 30.2 23.9 35.9



#68

m/p-Xylenes

Concen: 117.264 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX044905.D

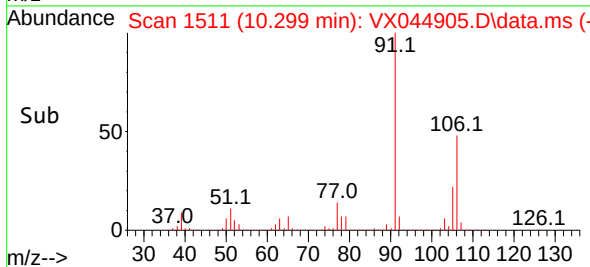
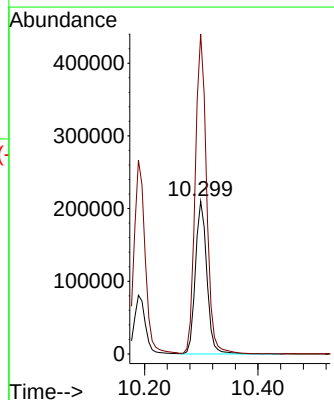
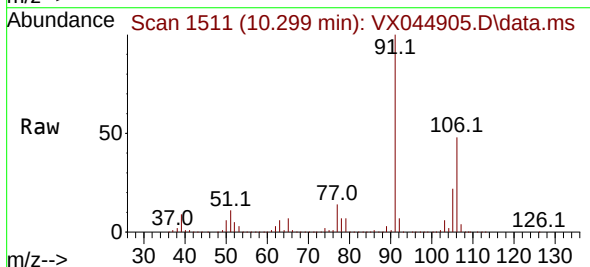
Acq: 11 Feb 2025 14:52

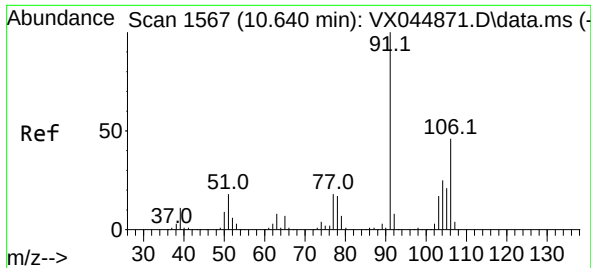
Tgt Ion: 106 Resp: 294019

Ion Ratio Lower Upper

106 100

91 207.1 164.3 246.5

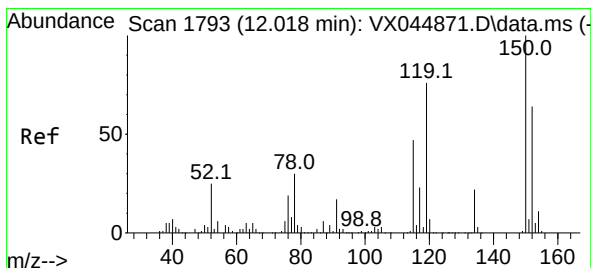
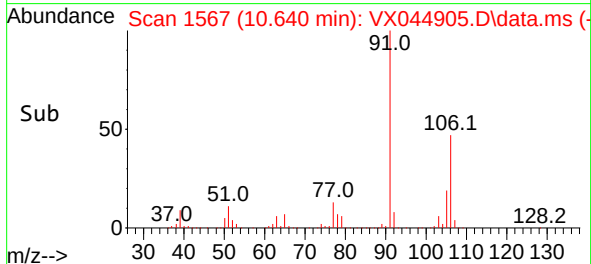
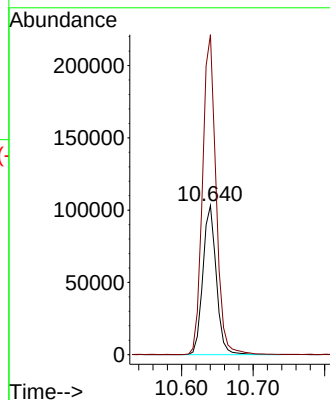
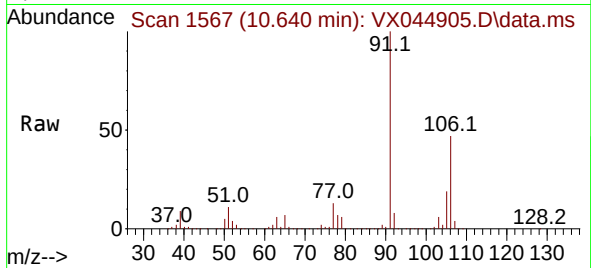




#69
o-Xylene
Concen: 53.501 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044905.D
Acq: 11 Feb 2025 14:52

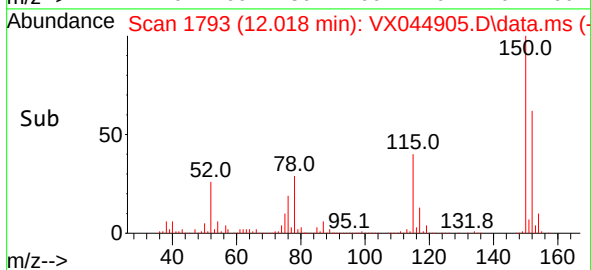
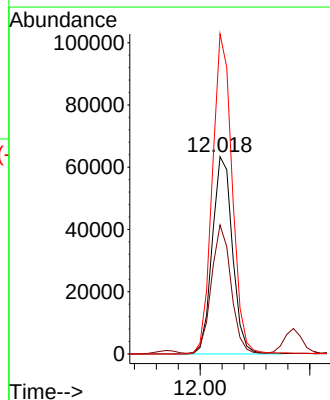
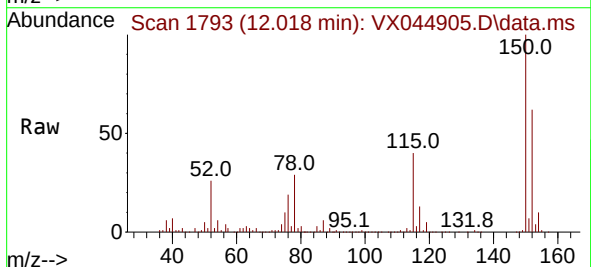
Instrument :
MSVOA_X
ClientSampleId :
MW1DL

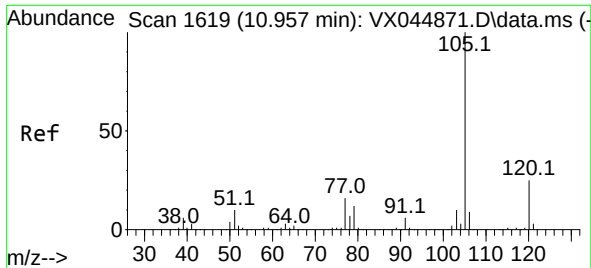
Tgt Ion:106 Resp: 134603
Ion Ratio Lower Upper
106 100
91 216.0 108.5 325.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044905.D
Acq: 11 Feb 2025 14:52

Tgt Ion:152 Resp: 80982
Ion Ratio Lower Upper
152 100
115 63.7 43.4 130.1
150 159.6 0.0 350.4

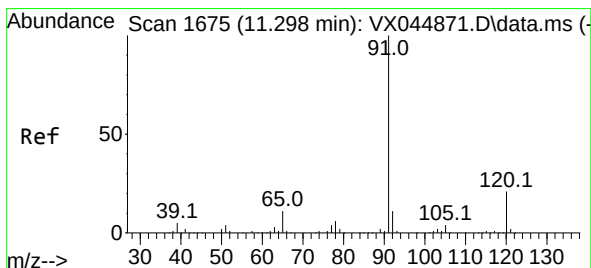
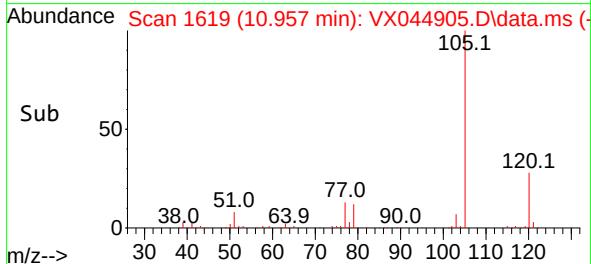
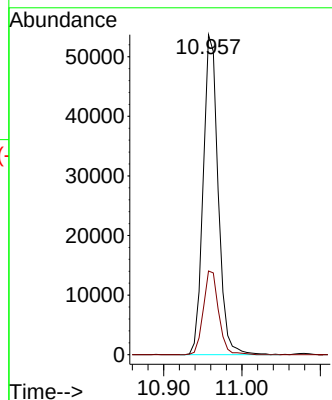
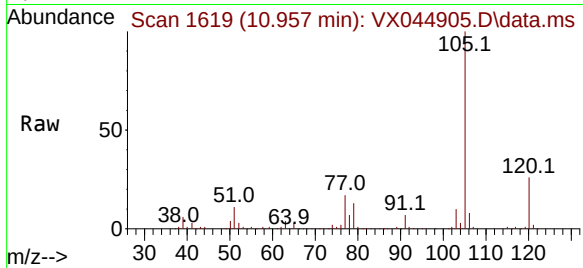




#73
Isopropylbenzene
Concen: 10.922 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX044905.D
Acq: 11 Feb 2025 14:52

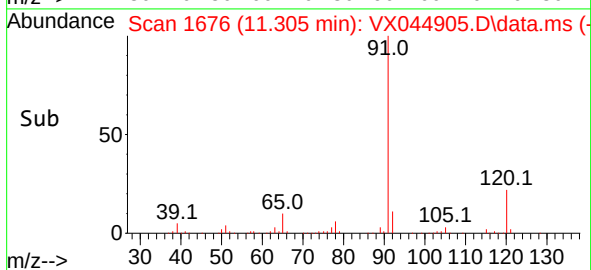
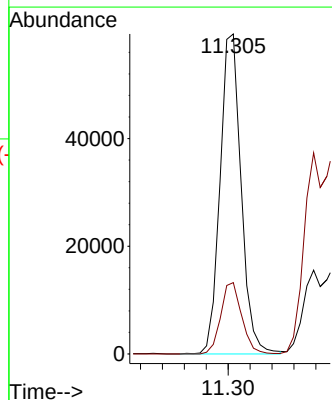
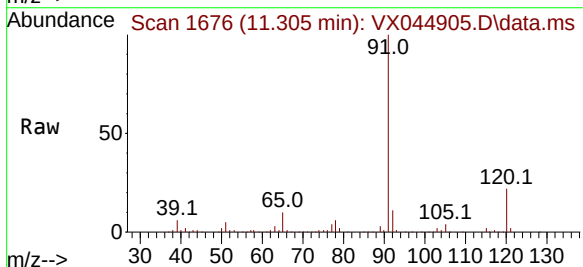
Instrument :
MSVOA_X
ClientSampleId :
MW1DL

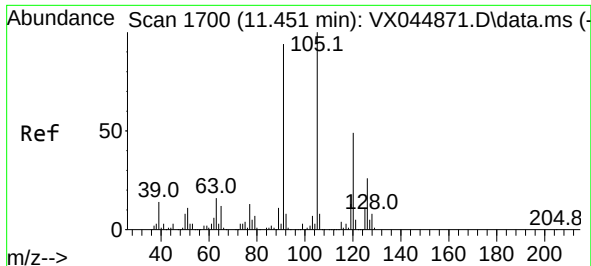
Tgt Ion:105 Resp: 71219
Ion Ratio Lower Upper
105 100
120 26.7 13.2 39.5



#78
n-propylbenzene
Concen: 10.561 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX044905.D
Acq: 11 Feb 2025 14:52

Tgt Ion: 91 Resp: 79483
Ion Ratio Lower Upper
91 100
120 22.2 11.1 33.3

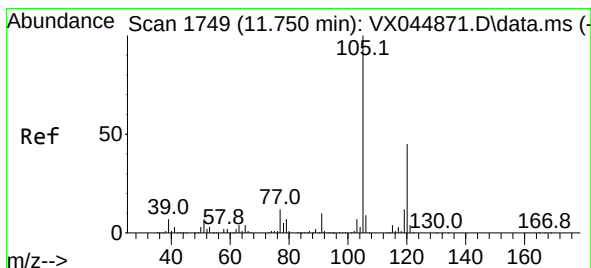
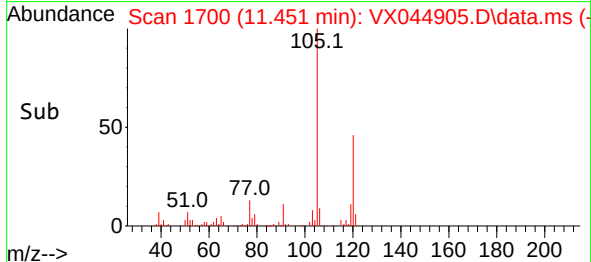
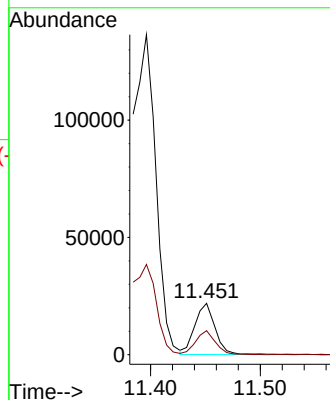
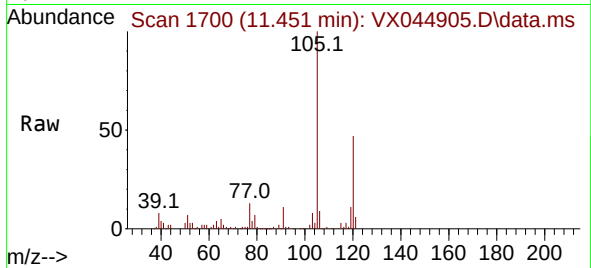




#80
1,3,5-Trimethylbenzene
Concen: 5.289 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044905.D
Acq: 11 Feb 2025 14:52

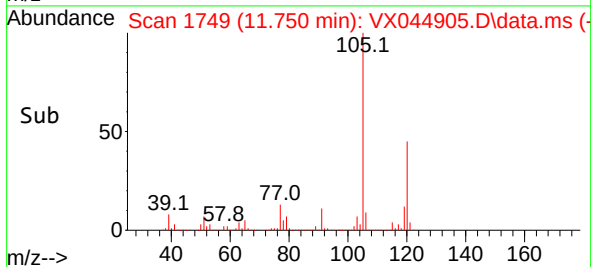
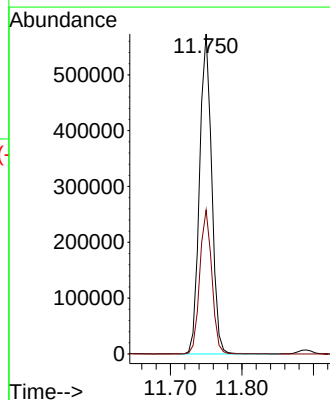
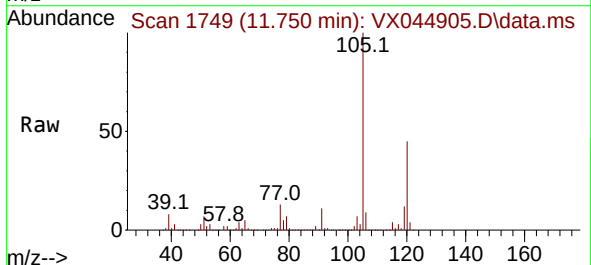
Instrument :
MSVOA_X
ClientSampleId :
MW1DL

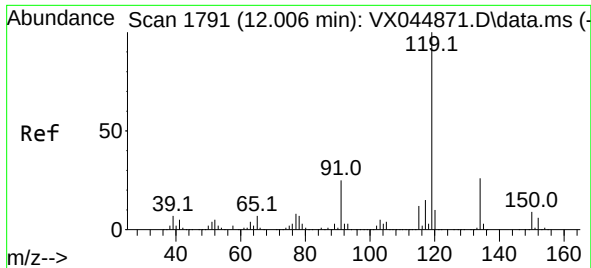
Tgt Ion:105 Resp: 27988
Ion Ratio Lower Upper
105 100
120 46.1 24.0 72.0



#84
1,2,4-Trimethylbenzene
Concen: 128.908 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044905.D
Acq: 11 Feb 2025 14:52

Tgt Ion:105 Resp: 673235
Ion Ratio Lower Upper
105 100
120 44.6 22.4 67.0

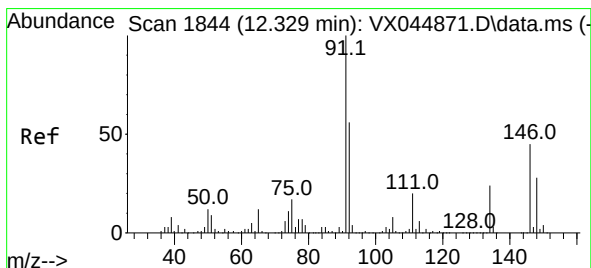
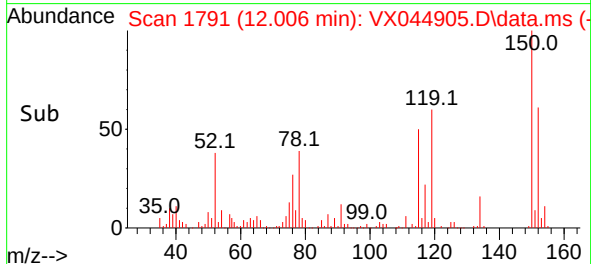
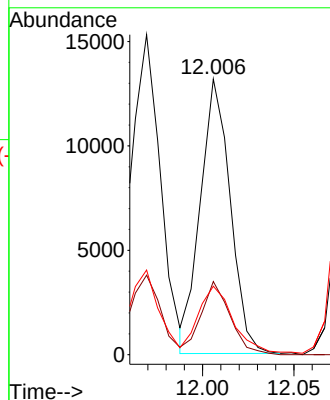
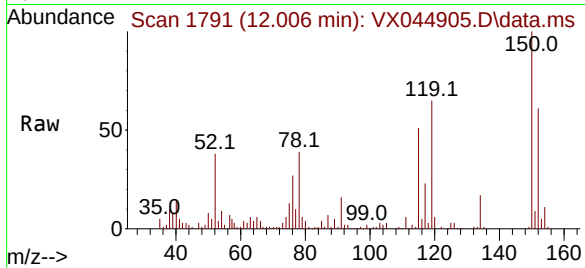




#86
 p-Isopropyltoluene
 Concen: 2.808 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX044905.D
 Acq: 11 Feb 2025 14:52

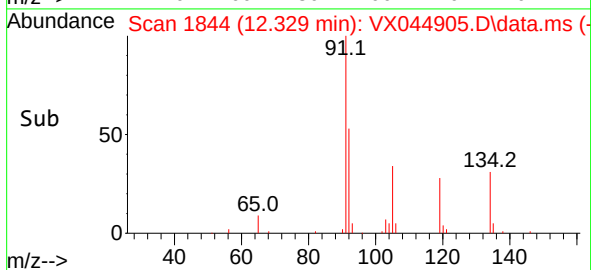
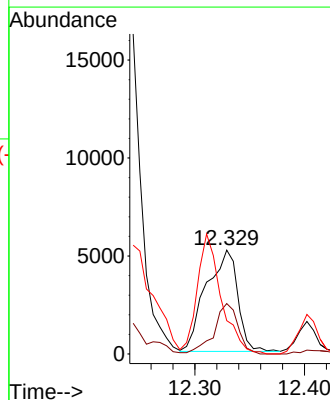
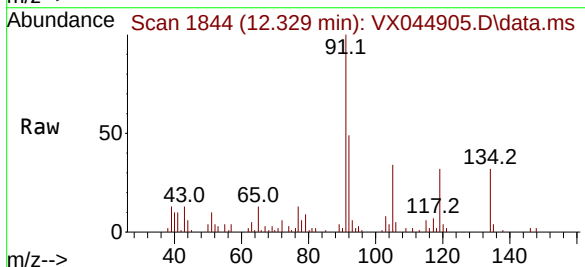
Instrument :
 MSVOA_X
 ClientSampleId :
 MW1DL

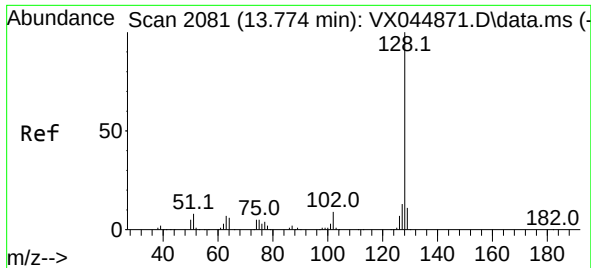
Tgt Ion:	119	Resp:	14967
Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.0	38.9
91	27.0	12.1	36.3



#89
 n-Butylbenzene
 Concen: 2.197 ug/l
 RT: 12.329 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: VX044905.D
 Acq: 11 Feb 2025 14:52

Tgt Ion:	91	Resp:	10361
Ion	Ratio	Lower	Upper
91	100		
92	37.5	27.2	81.6
134	89.6	12.1	36.3#





#95
Naphthalene
Concen: 32.901 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044905.D
Acq: 11 Feb 2025 14:52

Instrument :
MSVOA_X
ClientSampleId :
MW1DL

Tgt Ion:128 Resp: 192285
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 11.1 8.9 13.3

