

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030525\
 Data File : VX045132.D
 Acq On : 05 Mar 2025 11:16
 Operator : JC/MD
 Sample : Q1480-17
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3

Quant Time: Mar 05 11:42:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

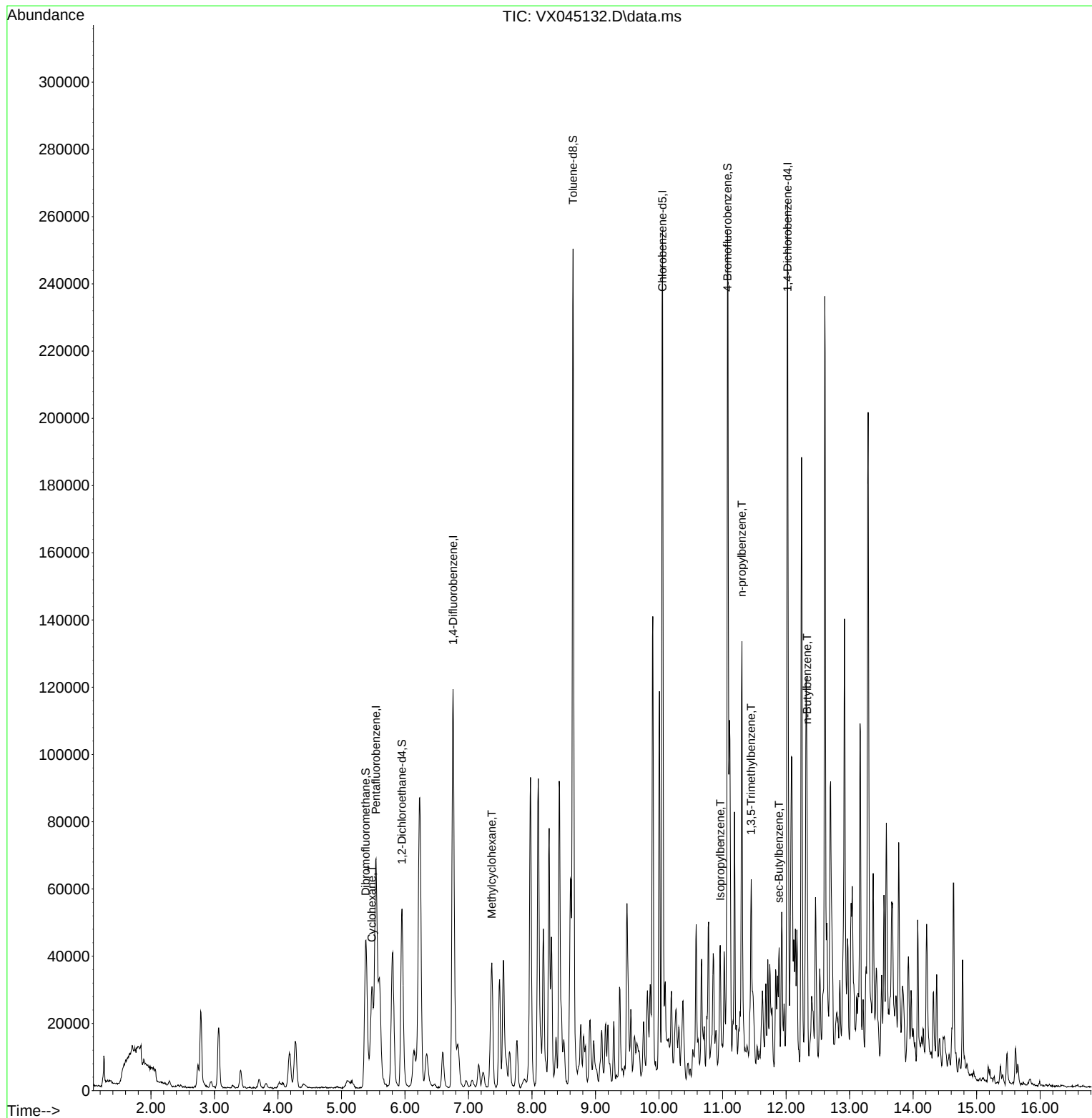
Internal Standards						
1) Pentafluorobenzene	5.544	168	63021	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	123393	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	111884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	50365	50.242	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.480%	
35) Dibromofluoromethane	5.379	113	39928	48.392	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.780%	
50) Toluene-d8	8.647	98	153187	51.211	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.420%	
62) 4-Bromofluorobenzene	11.079	95	54385	54.867	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 109.740%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.477	56	10649m	7.808	ug/l	
39) Methylcyclohexane	7.366	83	14809	10.922	ug/l	89
73) Isopropylbenzene	10.963	105	16625	4.338	ug/l	98
78) n-propylbenzene	11.305	91	74856	17.291	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	22397	7.228	ug/l	99
85) sec-Butylbenzene	11.890	105	11063	2.901	ug/l	98
89) n-Butylbenzene	12.329	91	31566	11.891	ug/l #	64

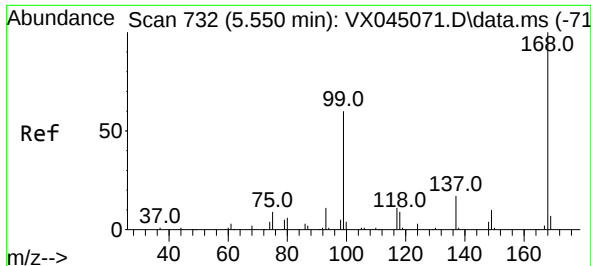
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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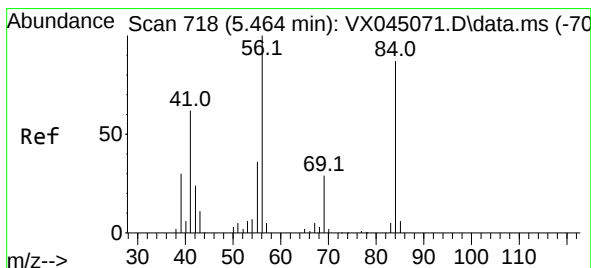
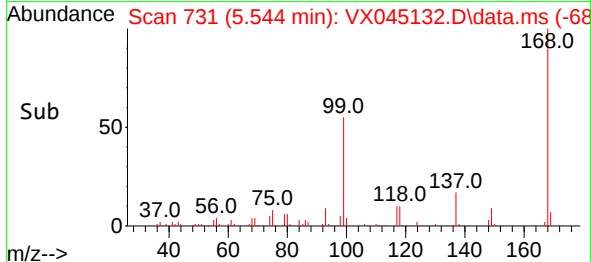
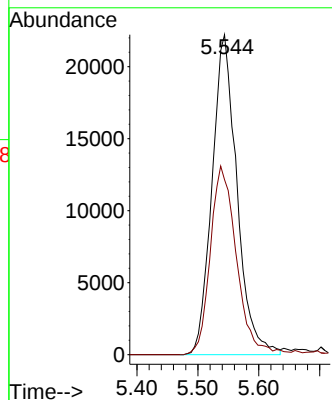
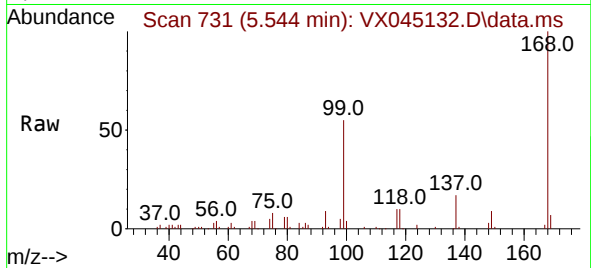




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045132.D
Acq: 05 Mar 2025 11:16

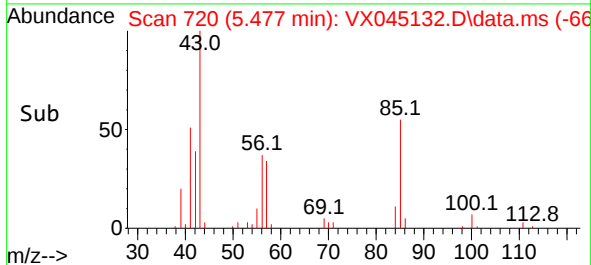
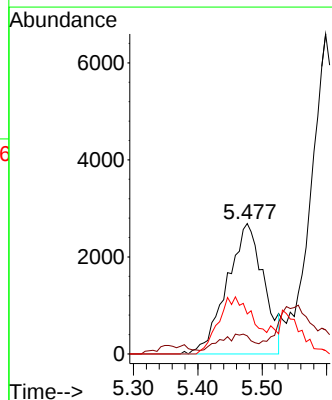
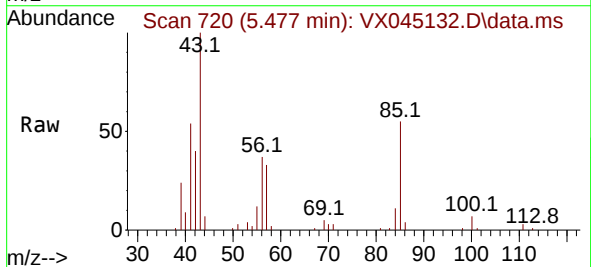
Instrument :
MSVOA_X
ClientSampleId :
TP-3

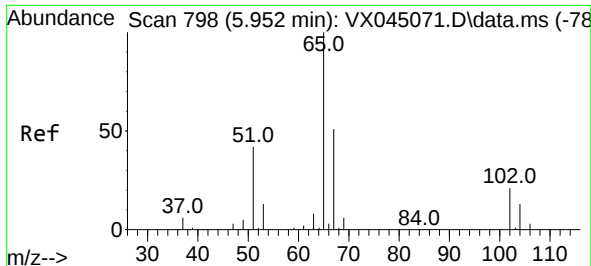
Tgt Ion:168 Resp: 63021
Ion Ratio Lower Upper
168 100
99 54.7 48.2 72.4



#31
Cyclohexane
Concen: 7.808 ug/l m
RT: 5.477 min Scan# 720
Delta R.T. 0.012 min
Lab File: VX045132.D
Acq: 05 Mar 2025 11:16

Tgt Ion: 56 Resp: 10649
Ion Ratio Lower Upper
56 100
69 13.8 23.4 35.2#
84 30.6 69.4 104.2#

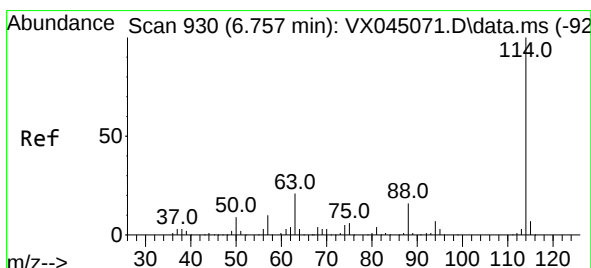
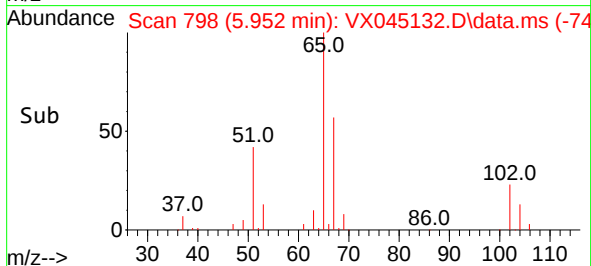
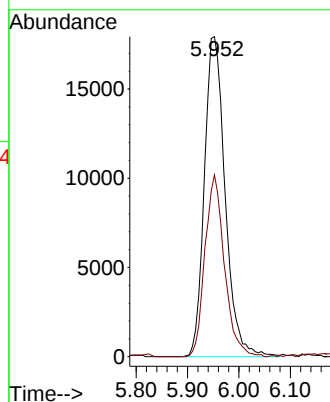
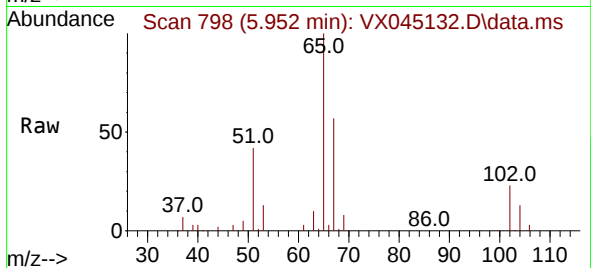




#33
 1,2-Dichloroethane-d4
 Concen: 50.242 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX045132.D
 Acq: 05 Mar 2025 11:16

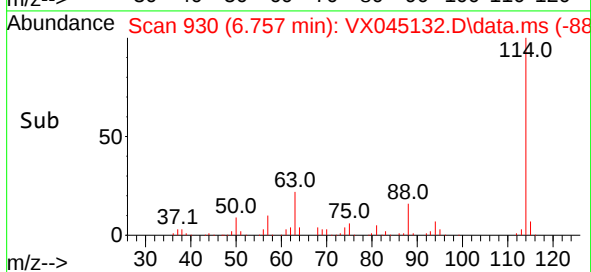
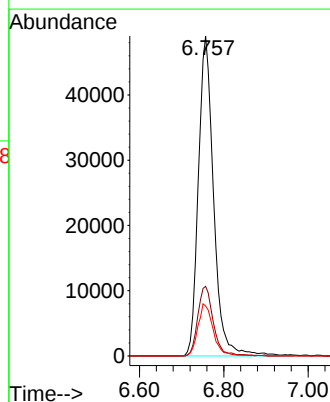
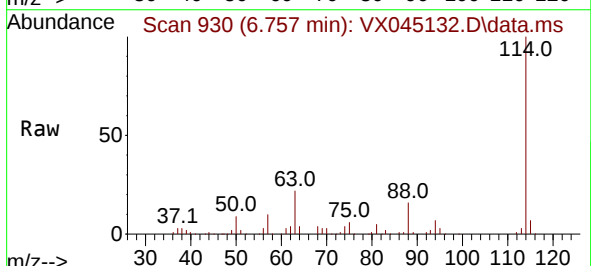
Instrument :
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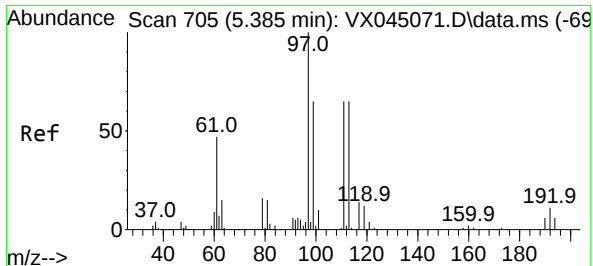
Tgt Ion: 65 Resp: 50365
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX045132.D
 Acq: 05 Mar 2025 11:16

Tgt Ion: 114 Resp: 123393
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 41.8
 88 15.6 0.0 32.8

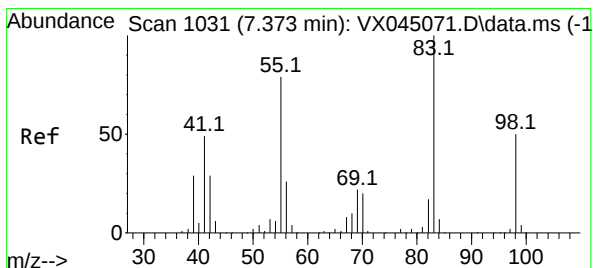
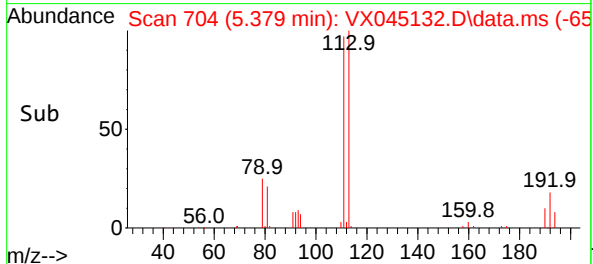
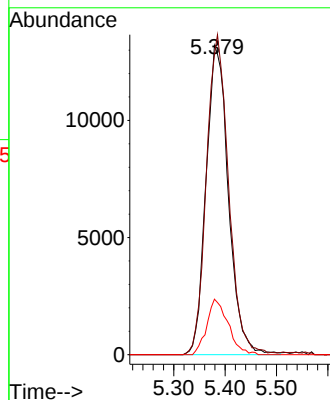
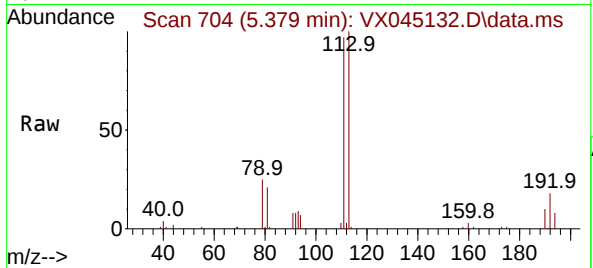




#35
Dibromofluoromethane
Concen: 48.392 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045132.D
Acq: 05 Mar 2025 11:16

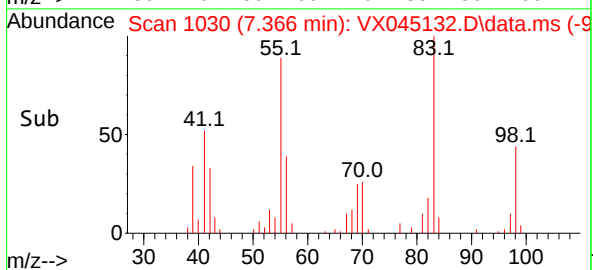
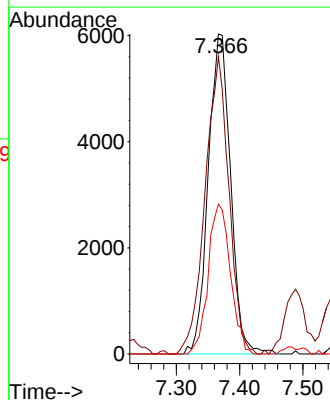
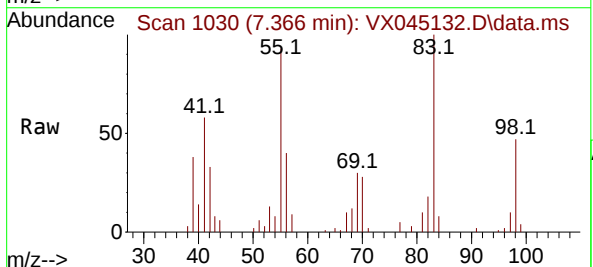
Instrument :
MSVOA_X
ClientSampleId :
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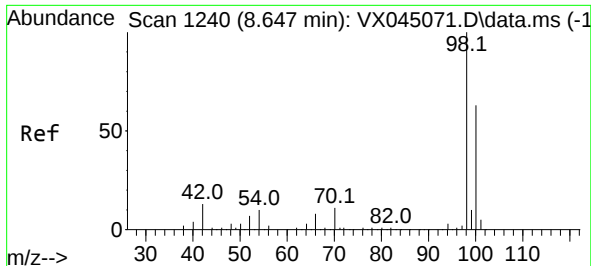
Tgt Ion:113 Resp: 39928
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.6
192 17.1 14.3 21.5



#39
Methylcyclohexane
Concen: 10.922 ug/l
RT: 7.366 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VX045132.D
Acq: 05 Mar 2025 11:16

Tgt Ion: 83 Resp: 14809
Ion Ratio Lower Upper
83 100
55 91.8 63.0 94.4
98 46.9 39.7 59.5

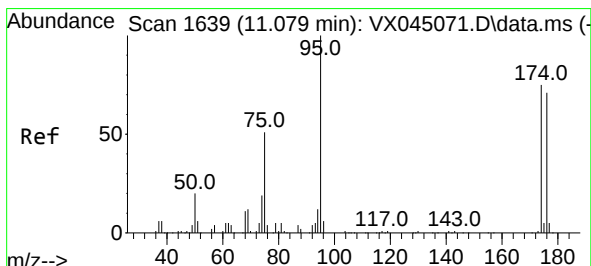
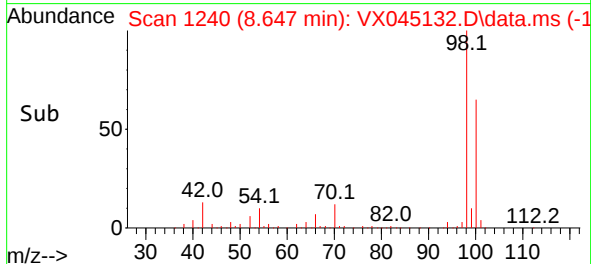
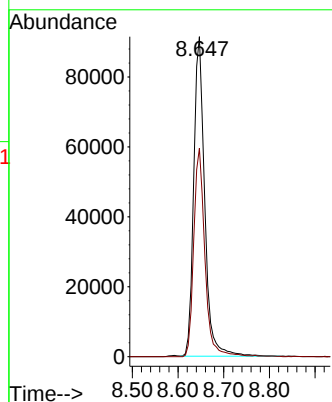
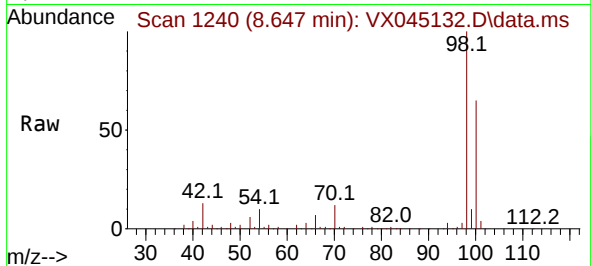




#50
Toluene-d8
Concen: 51.211 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045132.D
Acq: 05 Mar 2025 11:16

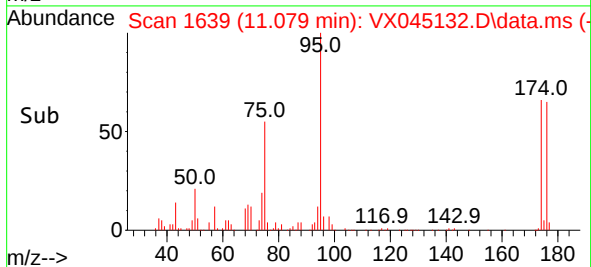
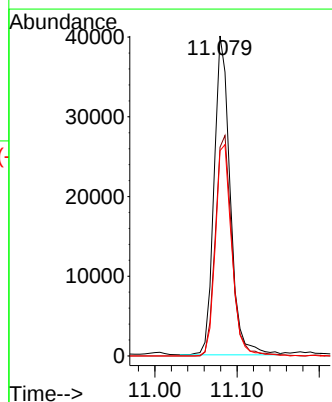
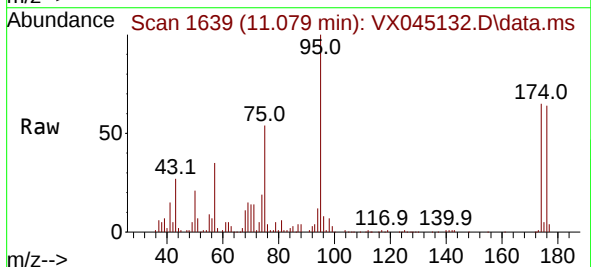
Instrument :
MSVOA_X
ClientSampleId :
TP-3

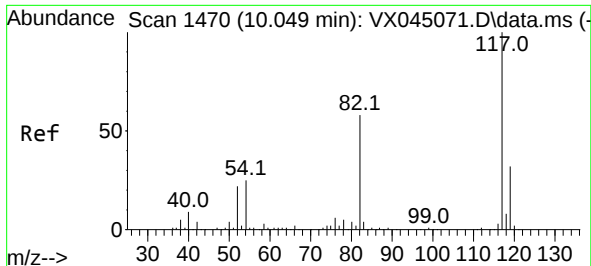
Tgt Ion: 98 Resp: 153187
Ion Ratio Lower Upper
98 100
100 66.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 54.867 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045132.D
Acq: 05 Mar 2025 11:16

Tgt Ion: 95 Resp: 54385
Ion Ratio Lower Upper
95 100
174 71.1 0.0 148.2
176 67.6 0.0 141.4

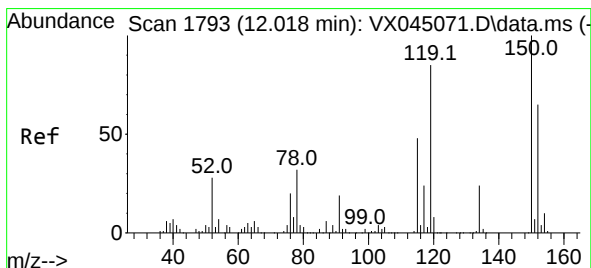
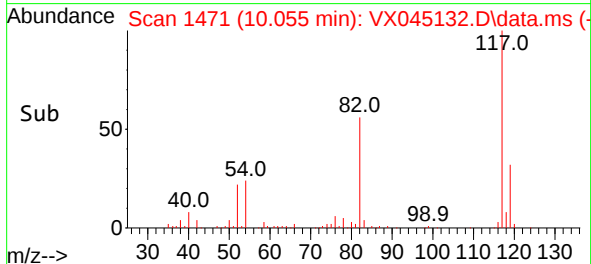
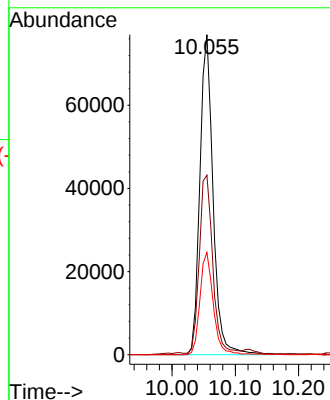
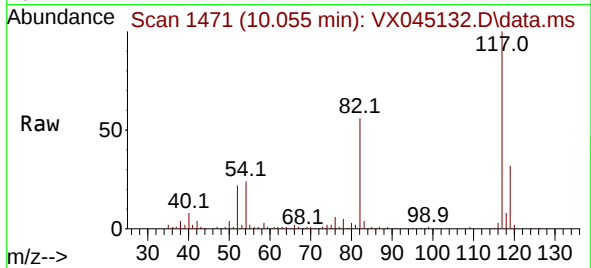




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045132.D
Acq: 05 Mar 2025 11:16

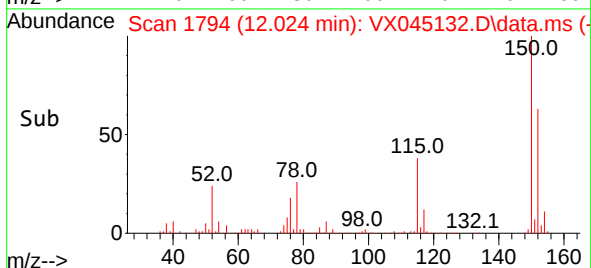
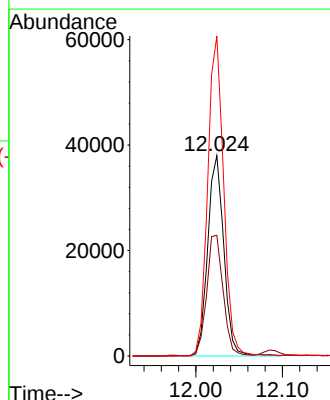
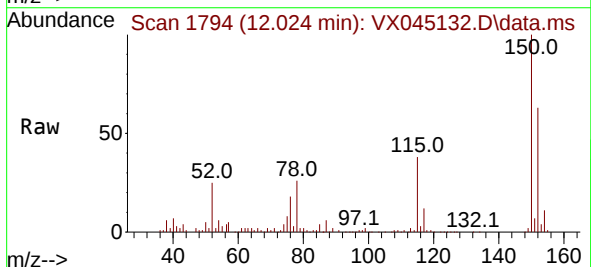
Instrument :
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ClientSampleId :
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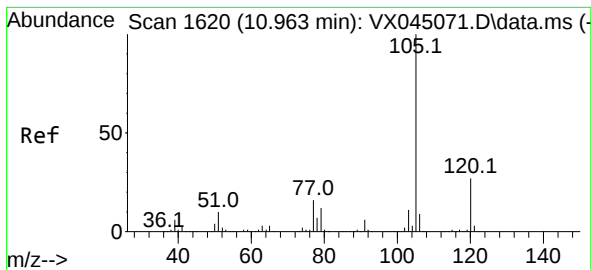
Tgt Ion:117 Resp: 111884
Ion Ratio Lower Upper
117 100
82 55.8 46.3 69.5
119 32.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX045132.D
Acq: 05 Mar 2025 11:16

Tgt Ion:152 Resp: 49101
Ion Ratio Lower Upper
152 100
115 61.2 44.2 132.6
150 157.7 0.0 349.0





#73

Isopropylbenzene

Concen: 4.338 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX045132.D

Acq: 05 Mar 2025 11:16

Instrument :

MSVOA_X

ClientSampleId :

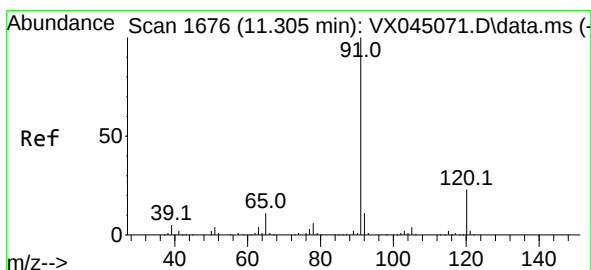
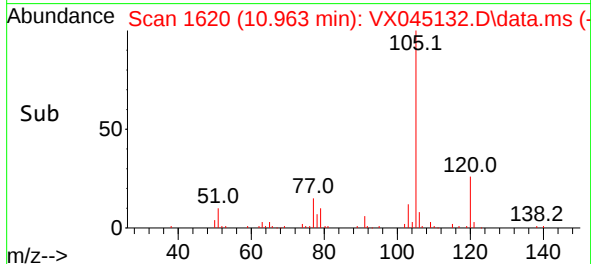
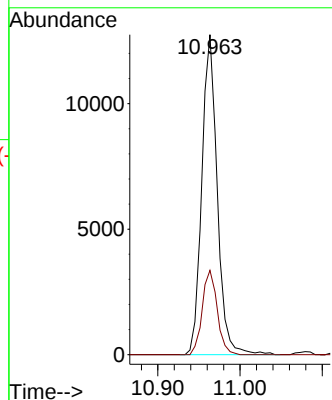
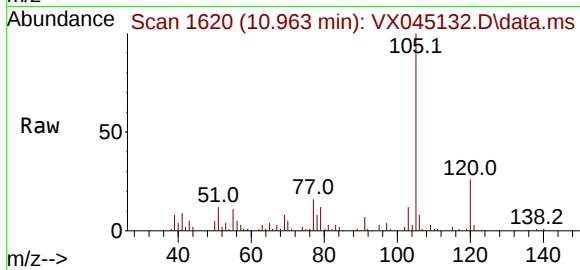
TP-3

Tgt Ion:105 Resp: 16625

Ion Ratio Lower Upper

105 100

120 25.5 13.2 39.5



#78

n-propylbenzene

Concen: 17.291 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX045132.D

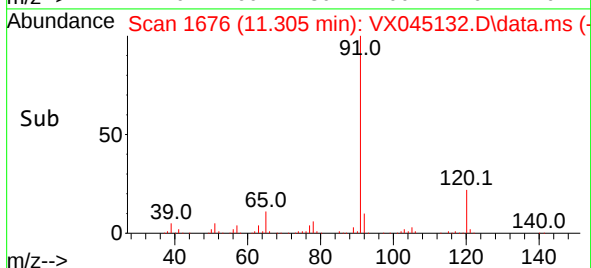
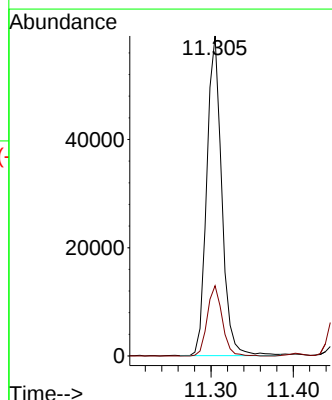
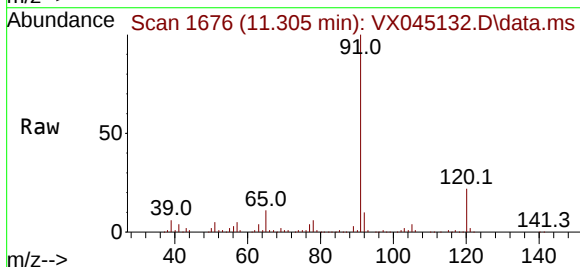
Acq: 05 Mar 2025 11:16

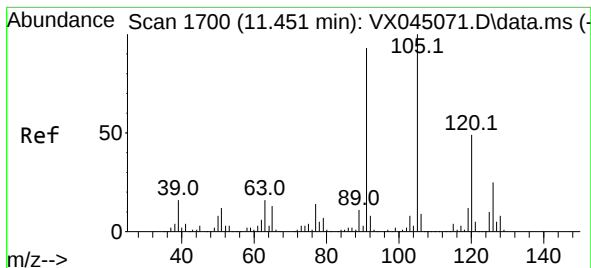
Tgt Ion: 91 Resp: 74856

Ion Ratio Lower Upper

91 100

120 21.9 11.2 33.6





#80

1,3,5-Trimethylbenzene

Concen: 7.228 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX045132.D

Acq: 05 Mar 2025 11:16

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ClientSampleId :

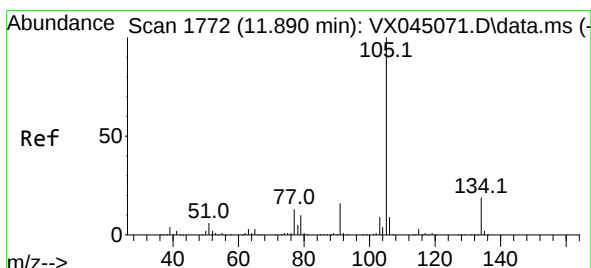
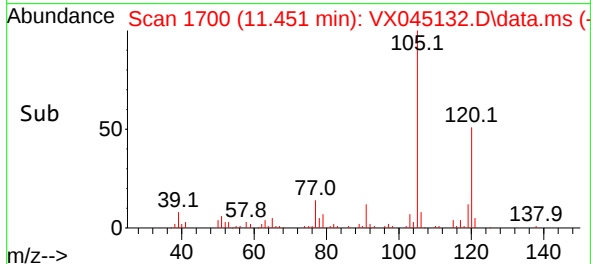
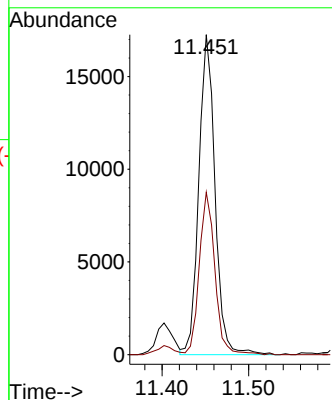
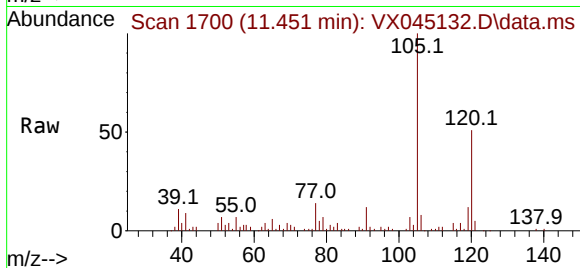
TP-3

Tgt Ion:105 Resp: 22397

Ion Ratio Lower Upper

105 100

120 49.0 24.1 72.2



#85

sec-Butylbenzene

Concen: 2.901 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX045132.D

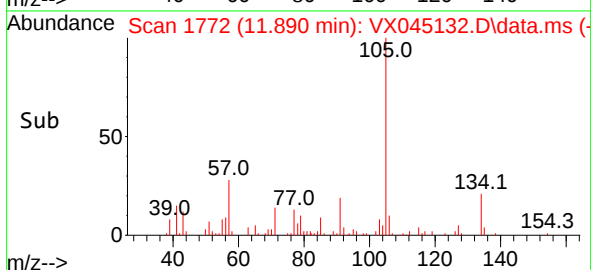
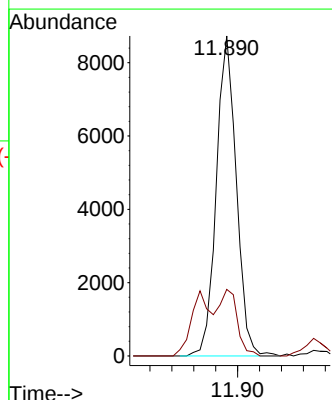
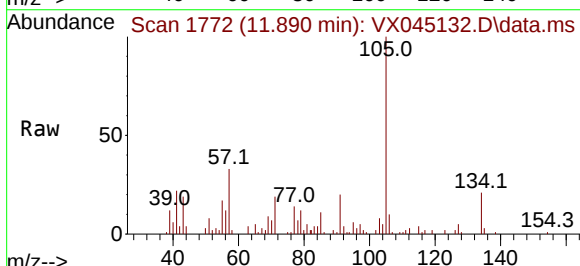
Acq: 05 Mar 2025 11:16

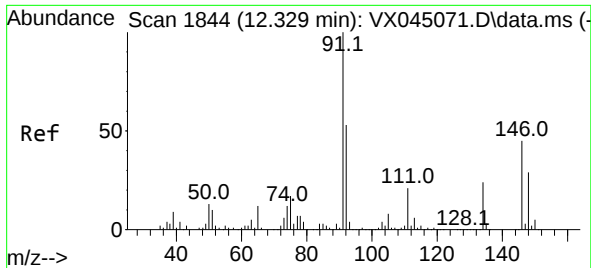
Tgt Ion:105 Resp: 11063

Ion Ratio Lower Upper

105 100

134 18.7 9.8 29.4





#89

n-Butylbenzene

Concen: 11.891 ug/l

RT: 12.329 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045132.D

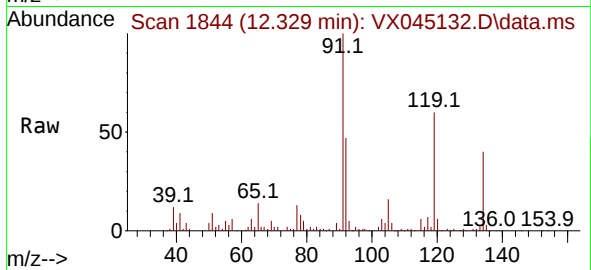
Acq: 05 Mar 2025 11:16

Instrument :

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Tgt Ion: 91 Resp: 31566

Ion Ratio Lower Upper

91 100

92 41.1 26.7 80.0

134 62.1 12.2 36.6#

