

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052825\
 Data File : VX046383.D
 Acq On : 28 May 2025 14:16
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: May 29 03:36:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

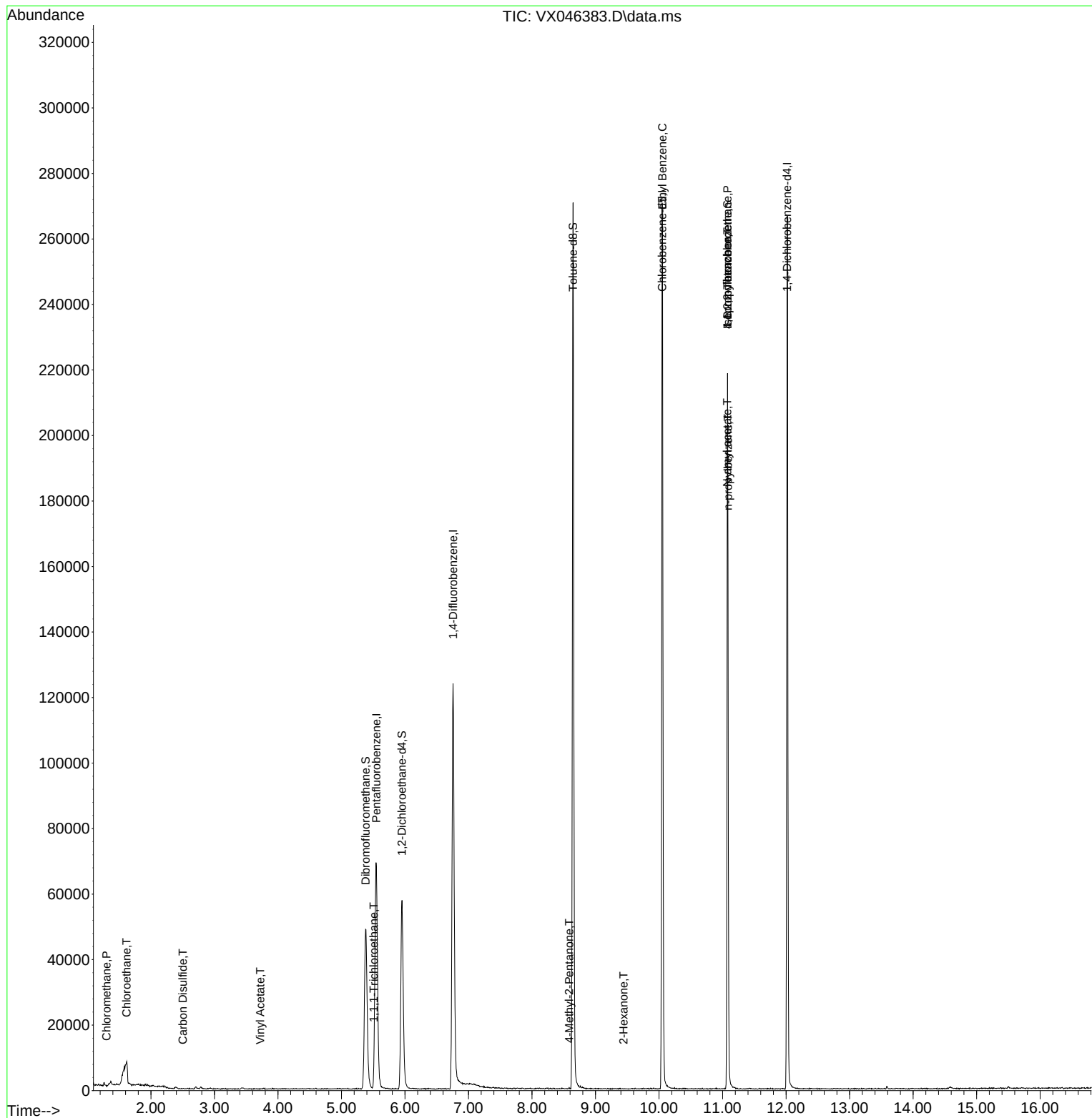
Internal Standards						
1) Pentafluorobenzene	5.550	168	58479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	116719	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	111708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60067	55.095	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.200%			
35) Dibromofluoromethane	5.379	113	43226	51.429	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.860%			
50) Toluene-d8	8.647	98	149950	51.545	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.100%			
62) 4-Bromofluorobenzene	11.079	95	56387	50.531	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.060%			
Target Compounds			Qvalue			
3) Chloromethane	1.301	50	19	0.022	ug/l #	43
6) Chloroethane	1.618	64	27	0.063	ug/l #	44
17) Carbon Disulfide	2.502	76	46	0.028	ug/l #	76
23) Vinyl Acetate	3.721	43	21	0.009	ug/l #	74
32) 1,1,1-Trichloroethane	5.507	97	21	0.016	ug/l #	22
51) 4-Methyl-2-Pentanone	8.586	43	186	0.132	ug/l #	39
59) 2-Hexanone	9.439	43	21	0.020	ug/l #	28
67) Ethyl Benzene	10.055	91	257	0.060	ug/l #	45
73) Isopropylbenzene	11.079	105	85	0.023	ug/l #	49
74) N-amyl acetate	11.073	43	83	0.046	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.079	83	23	0.018	ug/l #	1
78) n-propylbenzene	11.085	91	294	0.069	ug/l #	54

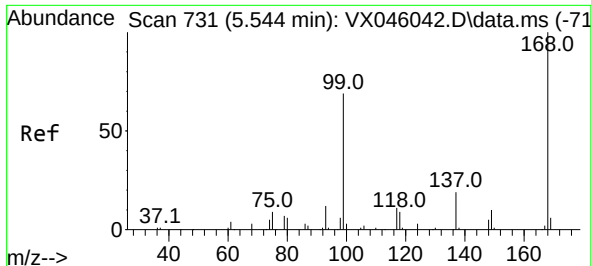
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052825\
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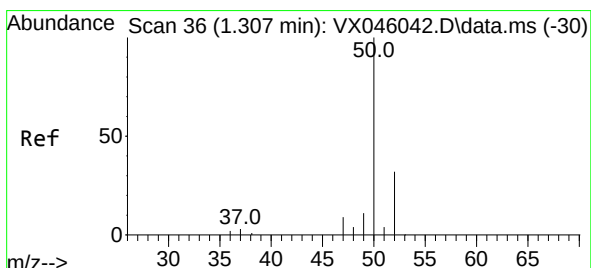
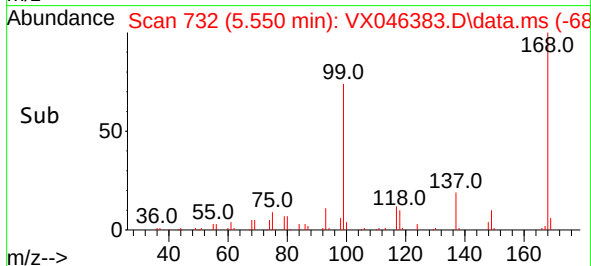
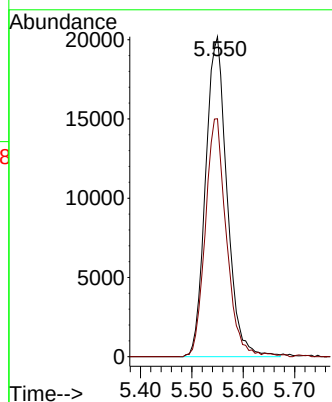
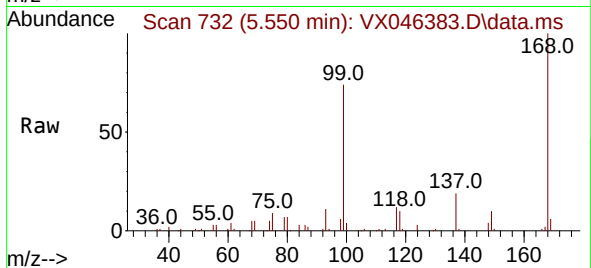




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046383.D
Acq: 28 May 2025 14:16

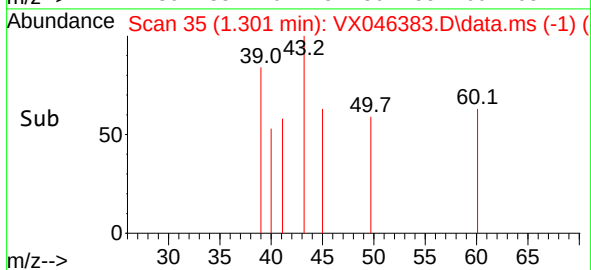
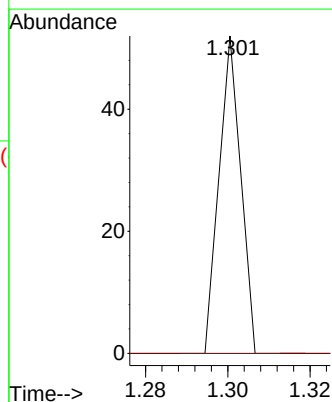
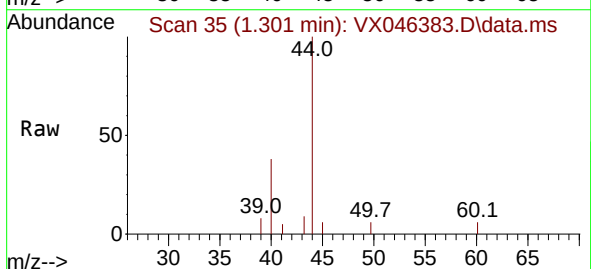
Instrument :
MSVOA_X
ClientSampleId :
IBLK

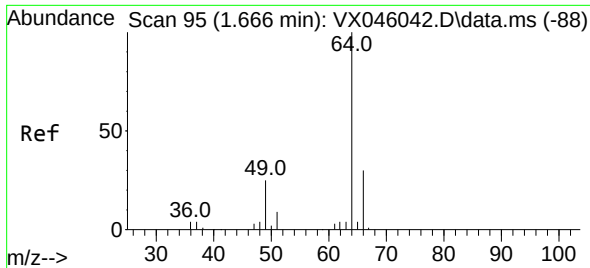
Tgt Ion:168 Resp: 58479
Ion Ratio Lower Upper
168 100
99 74.3 54.9 82.3



#3
Chloromethane
Concen: 0.022 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX046383.D
Acq: 28 May 2025 14:16

Tgt Ion: 50 Resp: 19
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

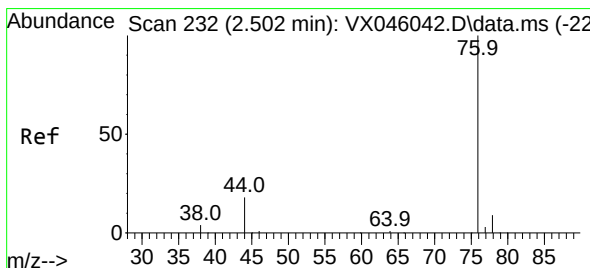
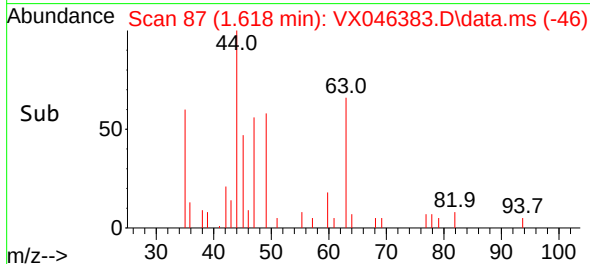
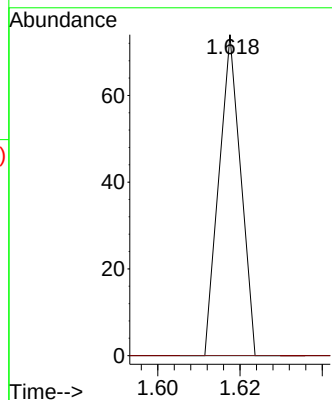
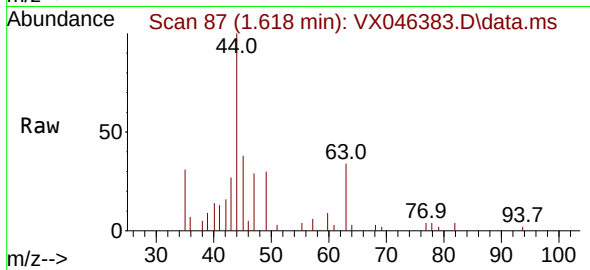




#6
Chloroethane
Concen: 0.063 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.049 min
Lab File: VX046383.D
Acq: 28 May 2025 14:16

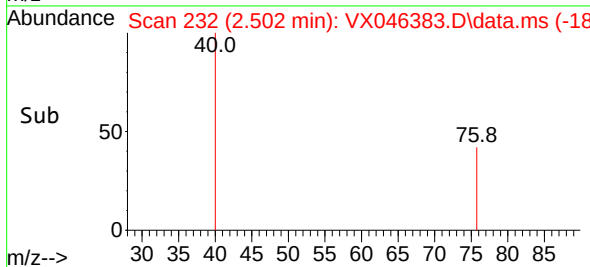
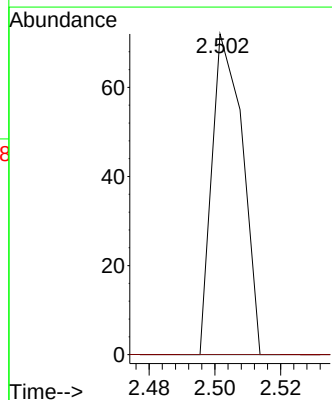
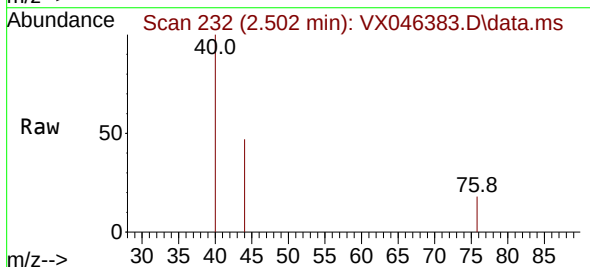
Instrument :
MSVOA_X
ClientSampleId :
IBLK

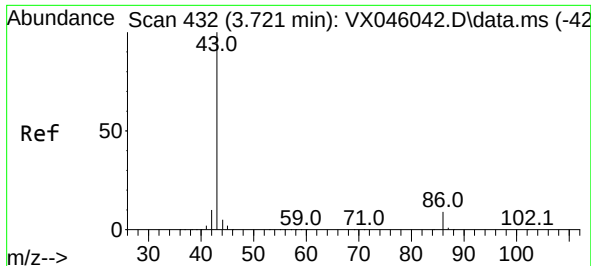
Tgt Ion: 64 Resp: 27
Ion Ratio Lower Upper
64 100
66 0.0 24.3 36.5#



#17
Carbon Disulfide
Concen: 0.028 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX046383.D
Acq: 28 May 2025 14:16

Tgt Ion: 76 Resp: 46
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#

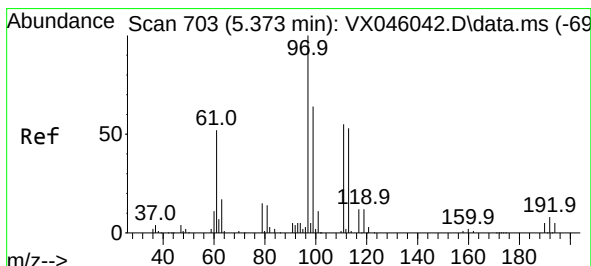
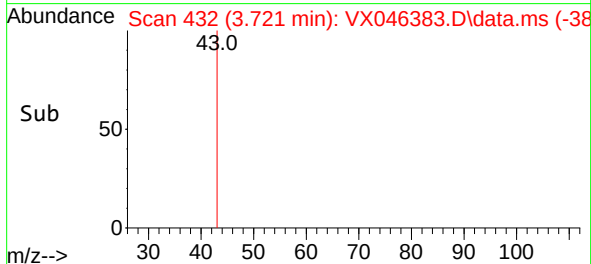
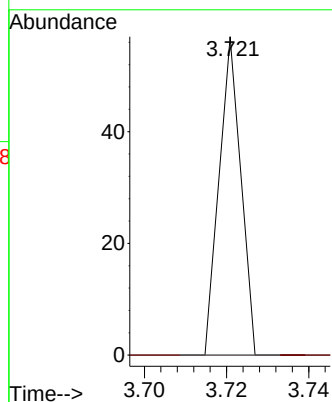
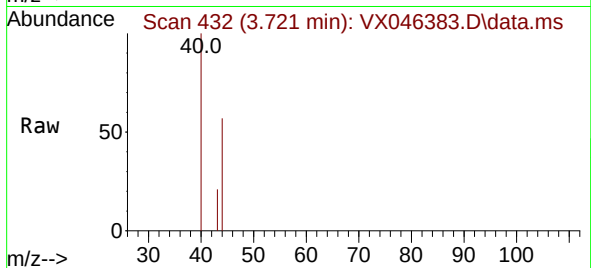




#23
 Vinyl Acetate
 Concen: 0.009 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX046383.D
 Acq: 28 May 2025 14:16

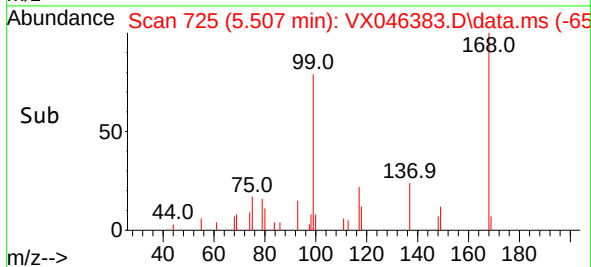
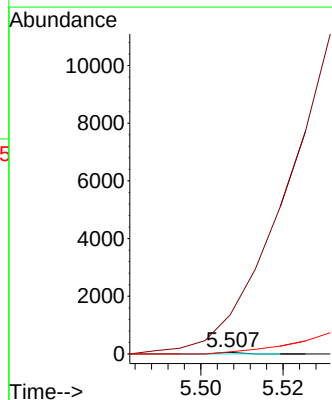
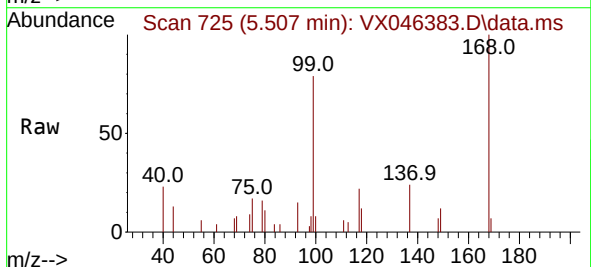
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

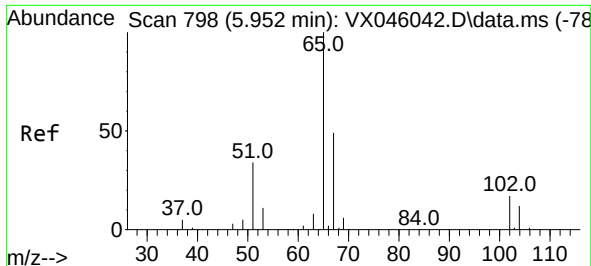
Tgt Ion: 43 Resp: 21
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.5 11.3#



#32
 1,1,1-Trichloroethane
 Concen: 0.016 ug/l
 RT: 5.507 min Scan# 725
 Delta R.T. 0.134 min
 Lab File: VX046383.D
 Acq: 28 May 2025 14:16

Tgt Ion: 97 Resp: 21
 Ion Ratio Lower Upper
 97 100
 99 0.0 51.8 77.6#
 61 0.0 40.1 60.1#





#33

1,2-Dichloroethane-d4

Concen: 55.095 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046383.D

Acq: 28 May 2025 14:16

Instrument :

MSVOA_X

ClientSampleId :

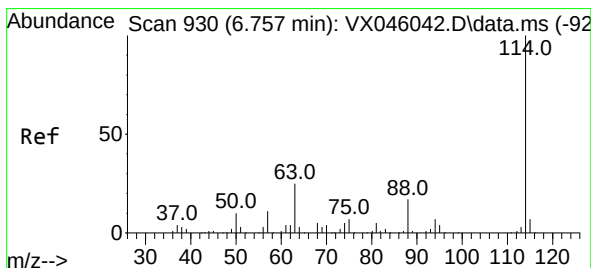
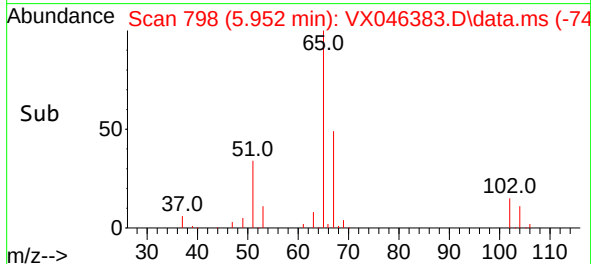
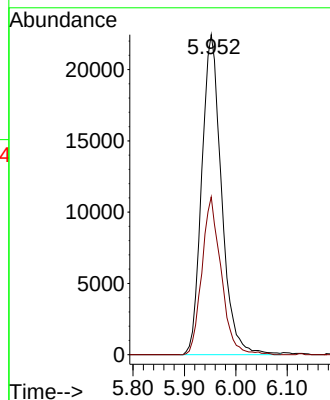
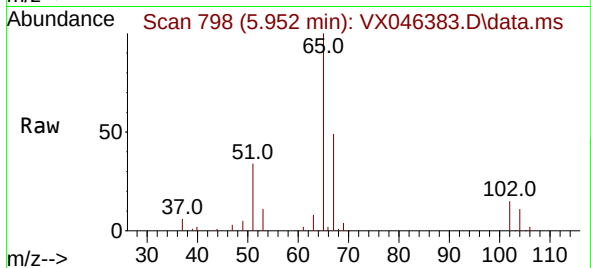
IBLK

Tgt Ion: 65 Resp: 60067

Ion Ratio Lower Upper

65 100

67 47.9 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046383.D

Acq: 28 May 2025 14:16

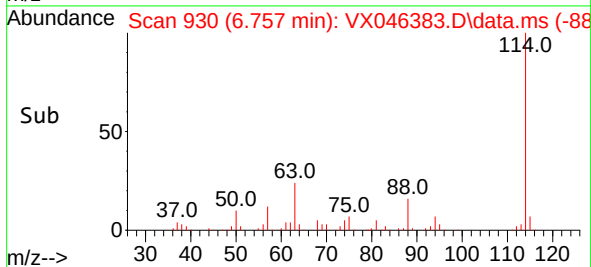
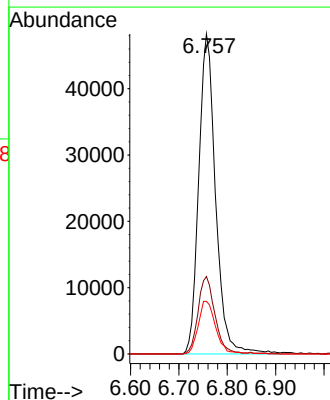
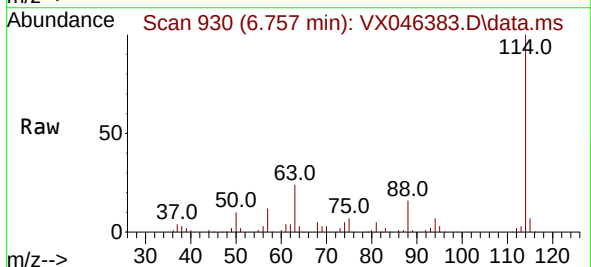
Tgt Ion: 114 Resp: 116719

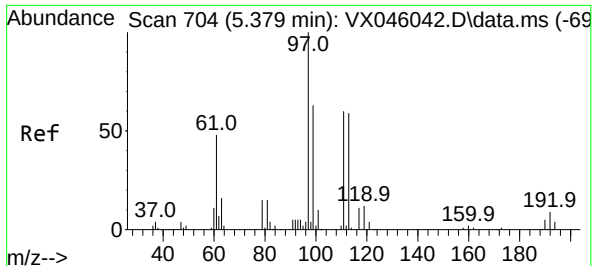
Ion Ratio Lower Upper

114 100

63 24.2 0.0 49.2

88 16.5 0.0 33.6





#35

Dibromofluoromethane

Concen: 51.429 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX046383.D

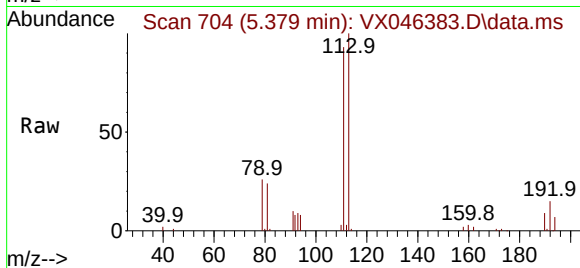
Acq: 28 May 2025 14:16

Instrument :

MSVOA_X

ClientSampleId :

IBLK



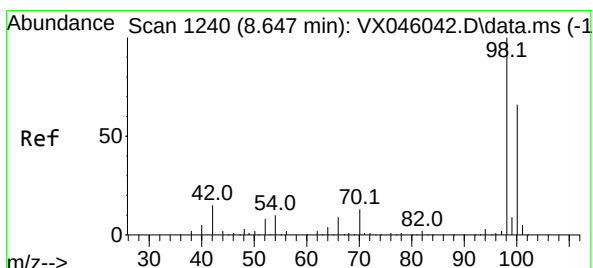
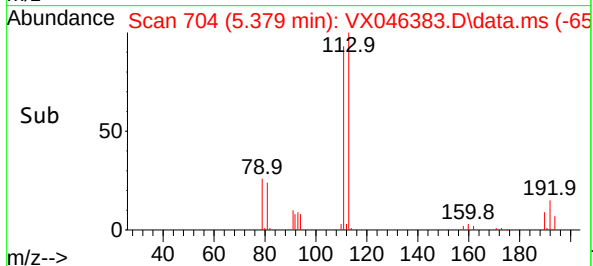
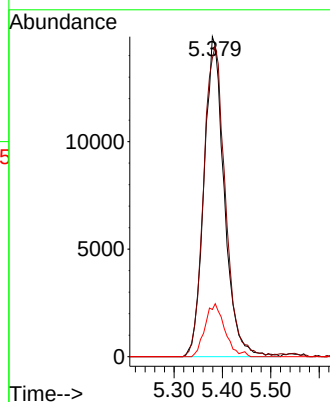
Tgt Ion:113 Resp: 43226

Ion Ratio Lower Upper

113 100

111 103.5 83.1 124.7

192 16.2 13.3 19.9



#50

Toluene-d8

Concen: 51.545 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX046383.D

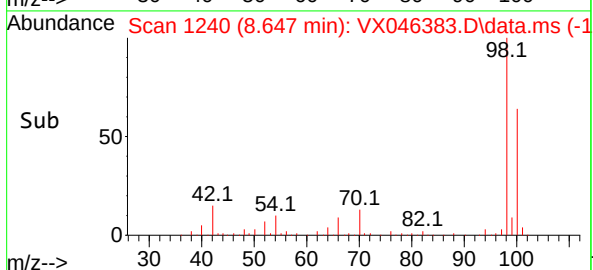
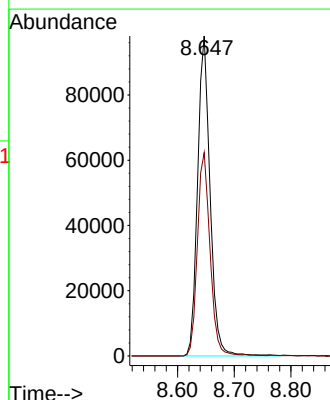
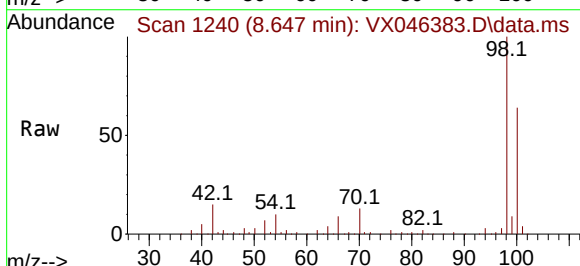
Acq: 28 May 2025 14:16

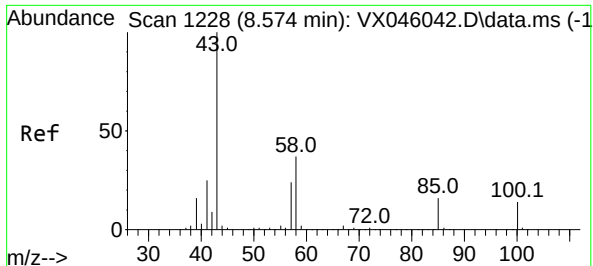
Tgt Ion: 98 Resp: 149950

Ion Ratio Lower Upper

98 100

100 64.4 53.5 80.3

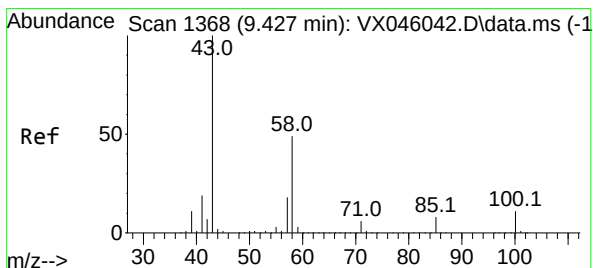
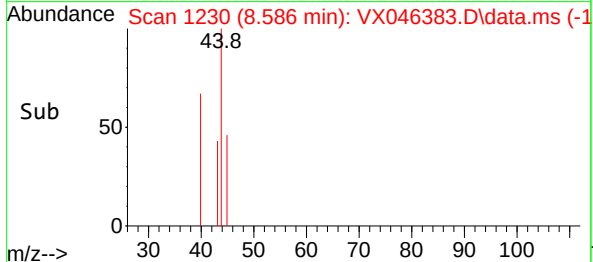
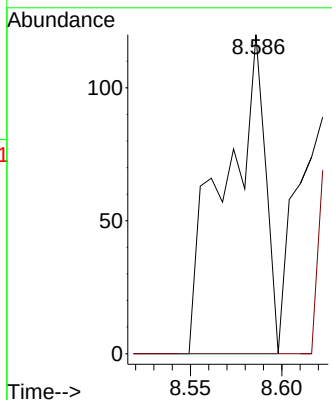
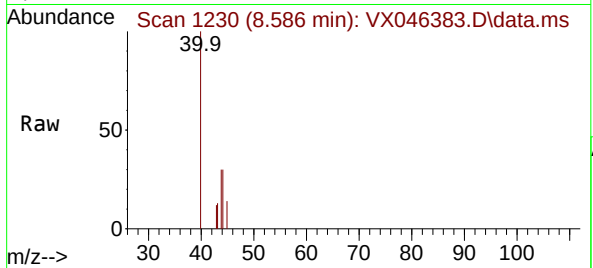




#51
4-Methyl-2-Pentanone
Concen: 0.132 ug/l
RT: 8.586 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX046383.D
Acq: 28 May 2025 14:16

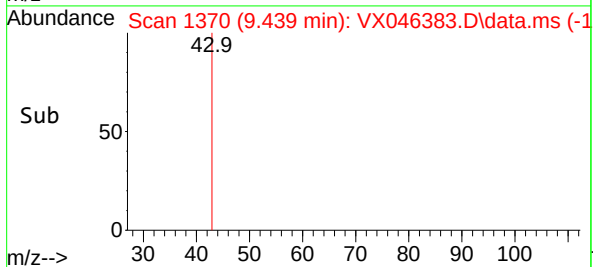
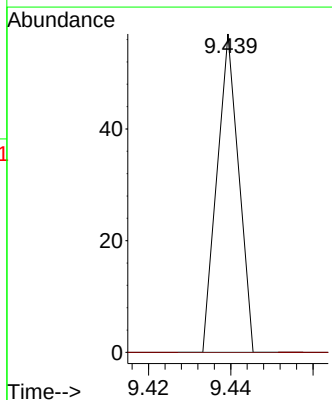
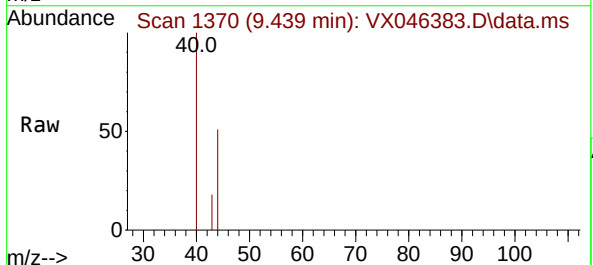
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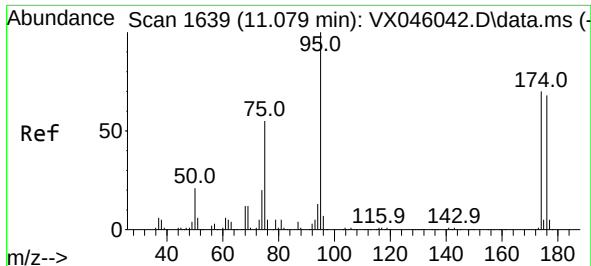
Tgt Ion: 43 Resp: 186
Ion Ratio Lower Upper
43 100
58 0.0 28.9 43.3#



#59
2-Hexanone
Concen: 0.020 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.012 min
Lab File: VX046383.D
Acq: 28 May 2025 14:16

Tgt Ion: 43 Resp: 21
Ion Ratio Lower Upper
43 100
58 0.0 24.9 74.6#

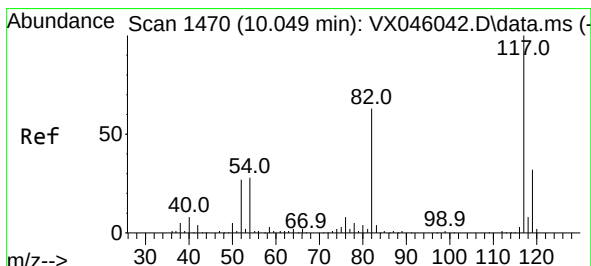
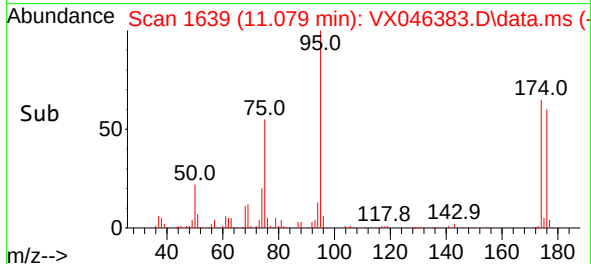
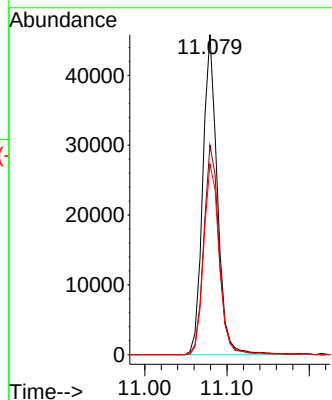
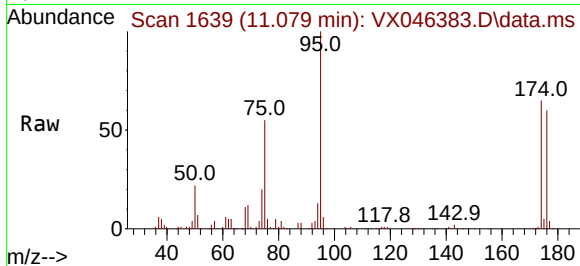




#62
4-Bromofluorobenzene
Concen: 50.531 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046383.D
Acq: 28 May 2025 14:16

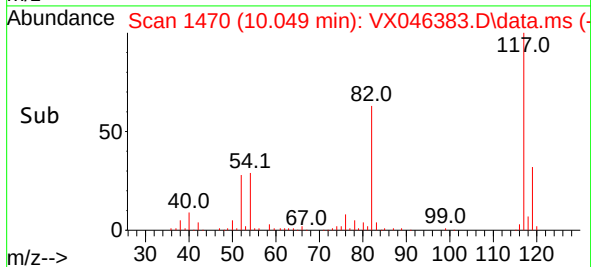
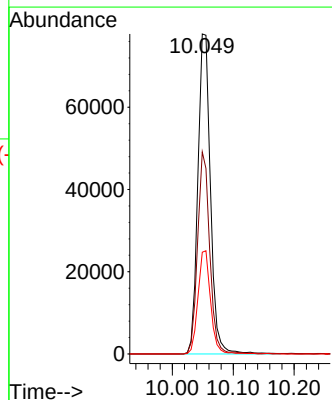
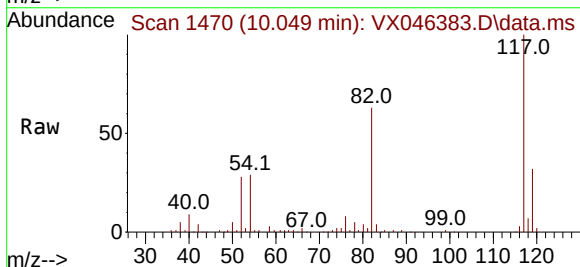
Instrument :
MSVOA_X
ClientSampleId :
IBLK

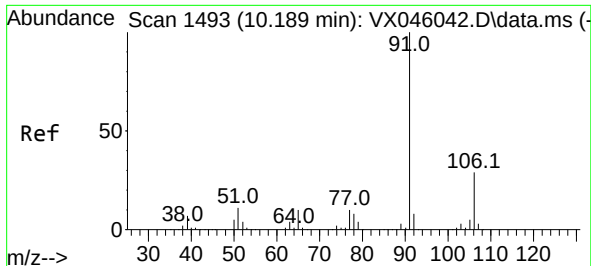
Tgt Ion: 95 Resp: 56387
Ion Ratio Lower Upper
95 100
174 68.8 0.0 135.8
176 63.9 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046383.D
Acq: 28 May 2025 14:16

Tgt Ion: 117 Resp: 111708
Ion Ratio Lower Upper
117 100
82 63.2 50.6 76.0
119 31.8 25.8 38.6

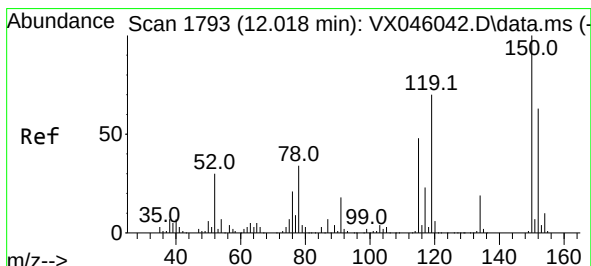
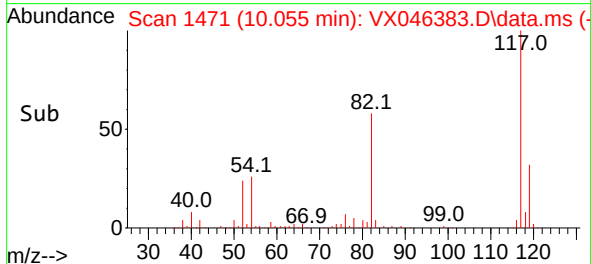
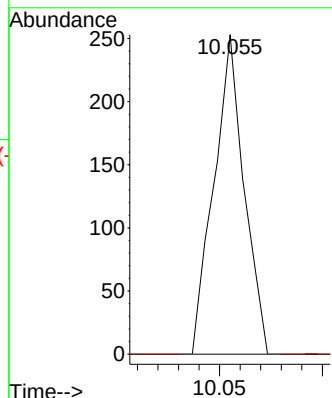
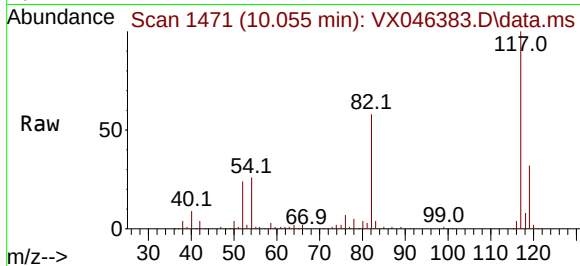




#67
Ethyl Benzene
Concen: 0.060 ug/l
RT: 10.055 min Scan# 1493
Delta R.T. -0.134 min
Lab File: VX046383.D
Acq: 28 May 2025 14:16

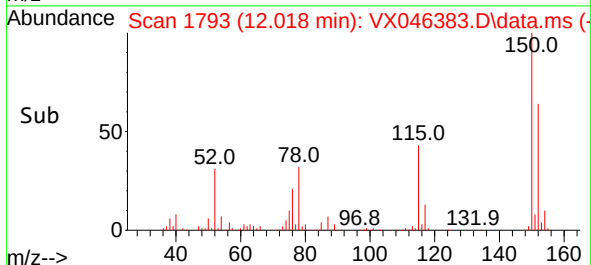
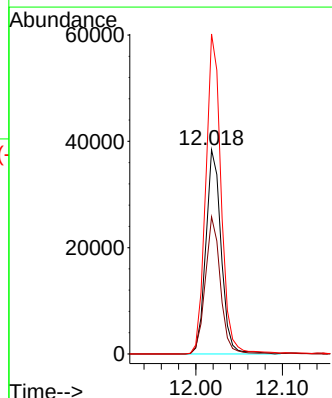
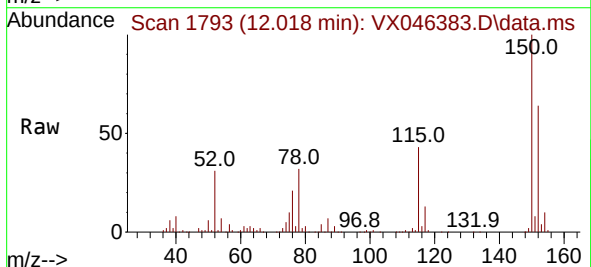
Instrument :
MSVOA_X
ClientSampleId :
IBLK

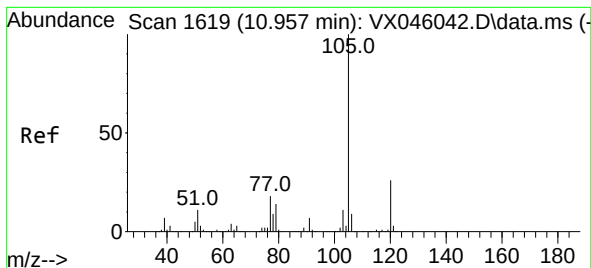
Tgt Ion: 91 Resp: 257
Ion Ratio Lower Upper
91 100
106 0.0 23.4 35.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046383.D
Acq: 28 May 2025 14:16

Tgt Ion: 152 Resp: 47222
Ion Ratio Lower Upper
152 100
115 66.1 46.9 140.7
150 157.5 0.0 351.0





#73

Isopropylbenzene

Concen: 0.023 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.122 min

Lab File: VX046383.D

Acq: 28 May 2025 14:16

Instrument :

MSVOA_X

ClientSampleId :

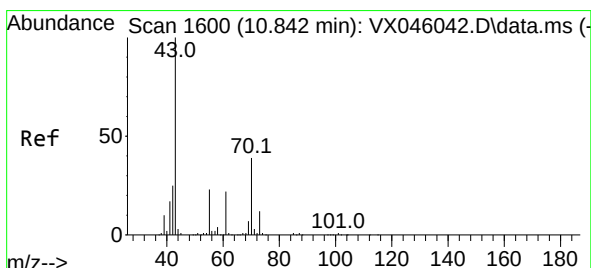
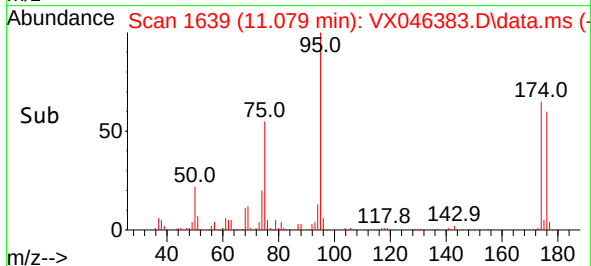
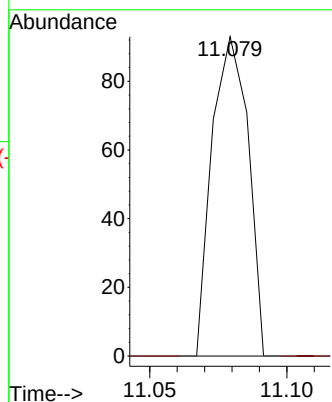
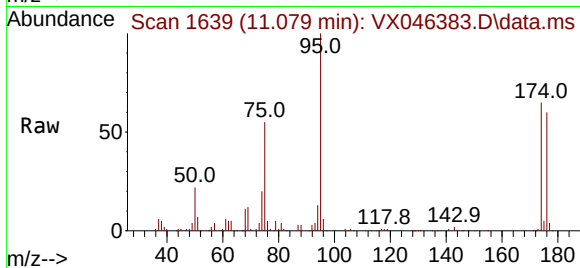
IBLK

Tgt Ion:105 Resp: 85

Ion Ratio Lower Upper

105 100

120 0.0 12.8 38.4#



#74

N-ethyl acetate

Concen: 0.046 ug/l

RT: 11.073 min Scan# 1638

Delta R.T. 0.232 min

Lab File: VX046383.D

Acq: 28 May 2025 14:16

Tgt Ion: 43 Resp: 83

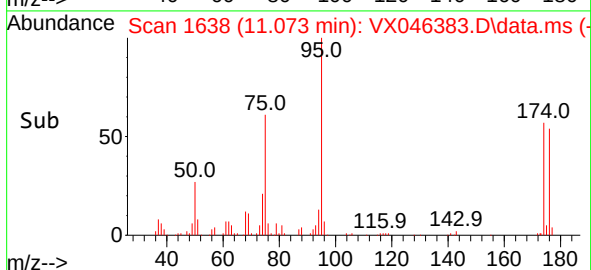
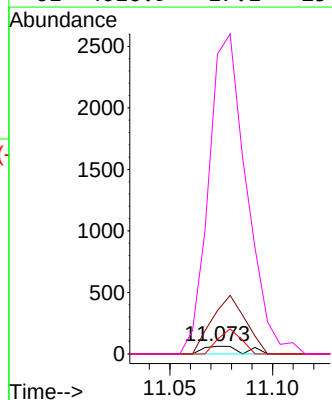
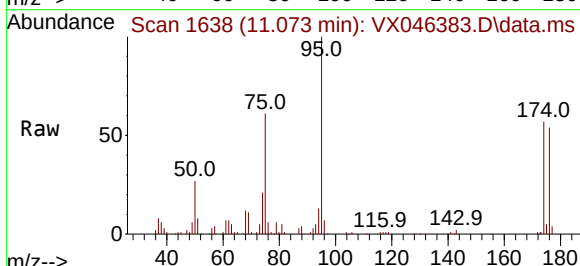
Ion Ratio Lower Upper

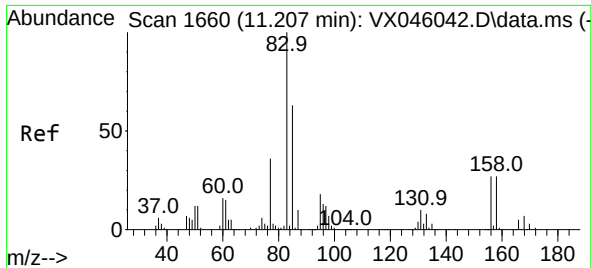
43 100

70 650.6 30.9 46.3#

55 191.6 18.7 28.1#

61 4016.9 17.1 25.7#

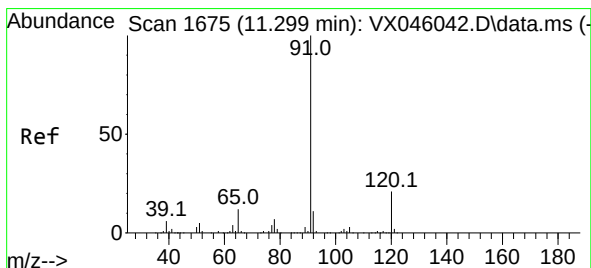
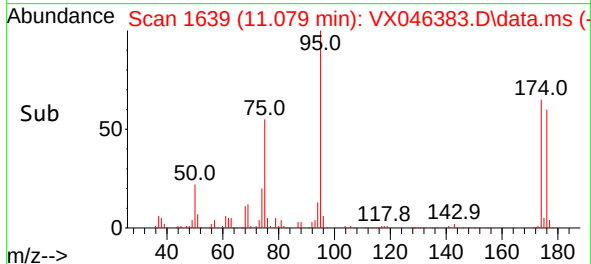
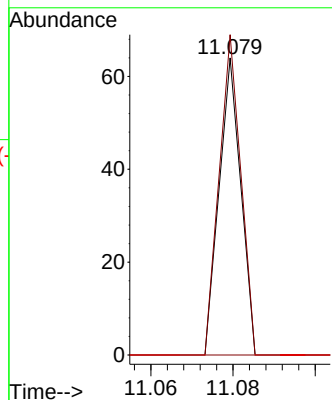
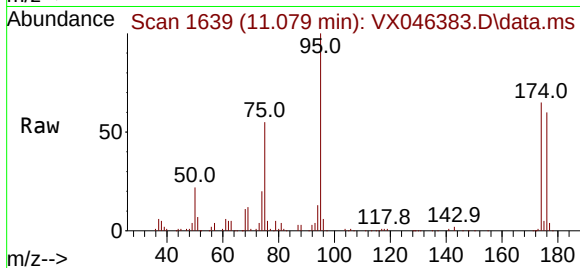




#75
1,1,2-Tetrachloroethane
Concen: 0.018 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.128 min
Lab File: VX046383.D
Acq: 28 May 2025 14:16

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 83 Resp: 23
Ion Ratio Lower Upper
83 100
131 108.7 5.0 14.9#
85 0.0 31.9 95.7#



#78
n-propylbenzene
Concen: 0.069 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.213 min
Lab File: VX046383.D
Acq: 28 May 2025 14:16

Tgt Ion: 91 Resp: 294
Ion Ratio Lower Upper
91 100
120 0.0 10.8 32.4#

