

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045552.D
 Acq On : 02 Apr 2025 17:14
 Operator : JC/MD
 Sample : Q1697-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-040125

Quant Time: Apr 03 01:55:40 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	5.549	168	59888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	115627	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	105702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	38388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57754	52.734	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.460%	
35) Dibromofluoromethane	5.385	113	42932	52.332	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.660%	
50) Toluene-d8	8.646	98	147358	51.462	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.920%	
62) 4-Bromofluorobenzene	11.079	95	49475	47.435	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 94.880%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	281	0.305	ug/l	98
16) Acetone	2.385	43	702	1.561	ug/l #	88
31) Cyclohexane	5.549	56	1905	1.418	ug/l #	29
36) 1,1-Dichloropropene	5.543	75	5970	5.390	ug/l #	49
38) Carbon Tetrachloride	5.549	117	6856	5.727	ug/l #	17
44) Trichloroethene	7.128	130	821	1.021	ug/l	92
51) 4-Methyl-2-Pentanone	8.646	43	912	0.650	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	28664	30.612	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	28664	103.892	ug/l #	1

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

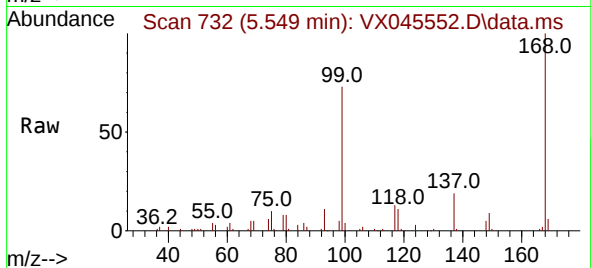
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



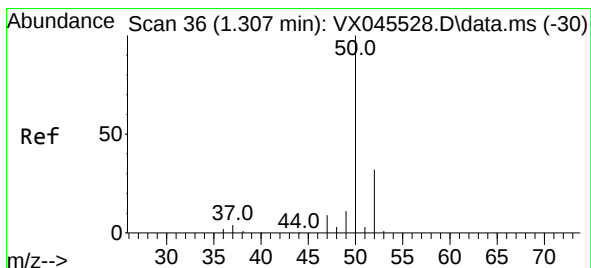
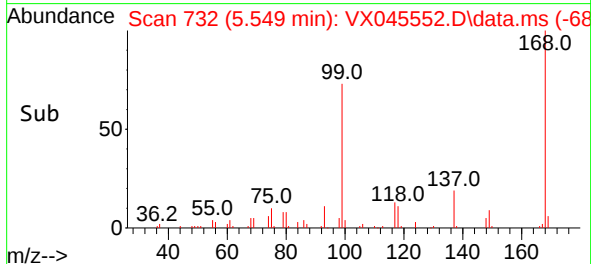
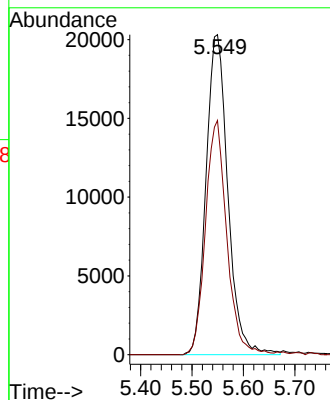


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX045552.D
Acq: 02 Apr 2025 17:14

Instrument :
MSVOA_X
ClientSampleId :
TB-01-040125

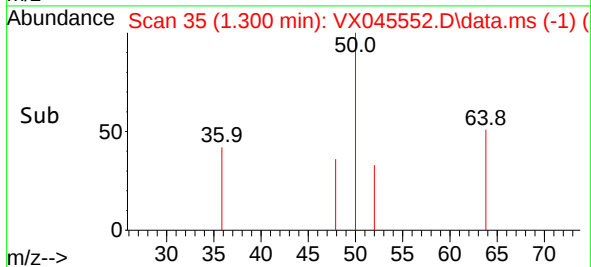
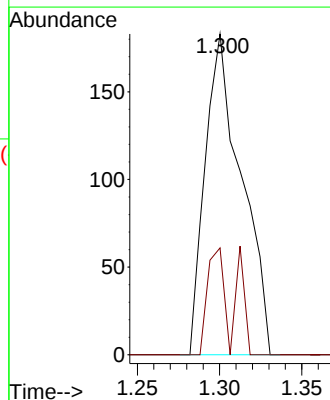
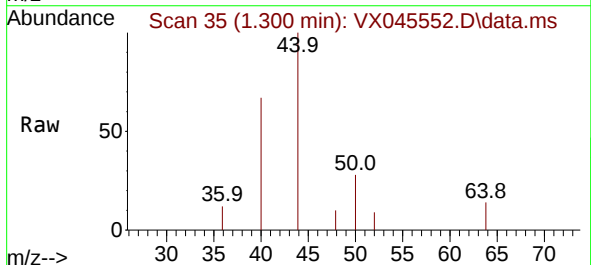


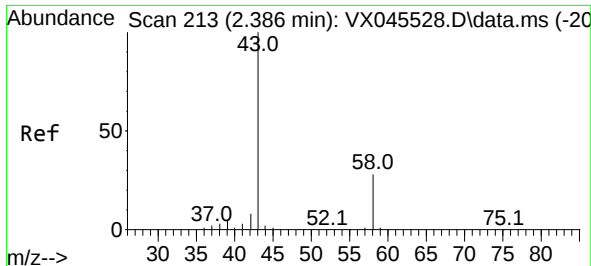
Tgt Ion:168 Resp: 59888
Ion Ratio Lower Upper
168 100
99 73.2 52.3 78.5



#3
Chloromethane
Concen: 0.305 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045552.D
Acq: 02 Apr 2025 17:14

Tgt Ion: 50 Resp: 281
Ion Ratio Lower Upper
50 100
52 33.3 25.9 38.9





#16

Acetone

Concen: 1.561 ug/l

RT: 2.385 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX045552.D

Acq: 02 Apr 2025 17:14

Instrument :

MSVOA_X

ClientSampleId :

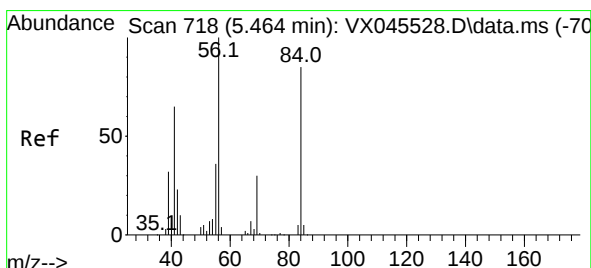
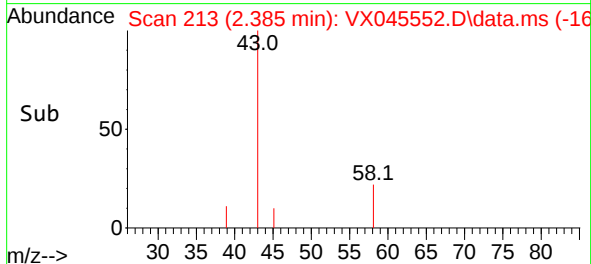
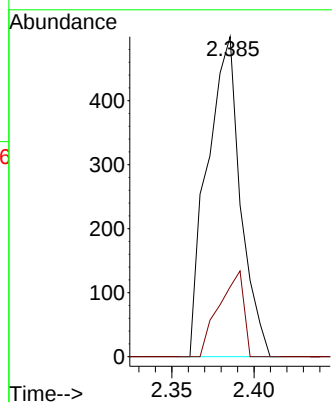
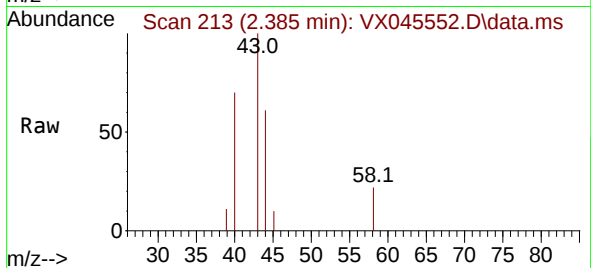
TB-01-040125

Tgt Ion: 43 Resp: 702

Ion Ratio Lower Upper

43 100

58 21.8 22.3 33.5#



#31

Cyclohexane

Concen: 1.418 ug/l

RT: 5.549 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX045552.D

Acq: 02 Apr 2025 17:14

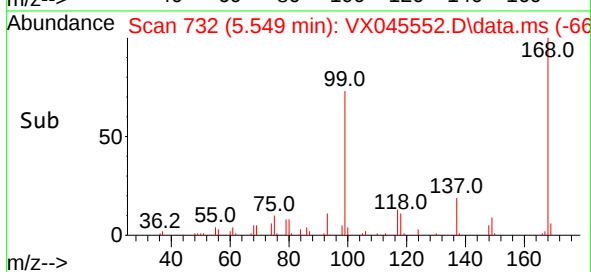
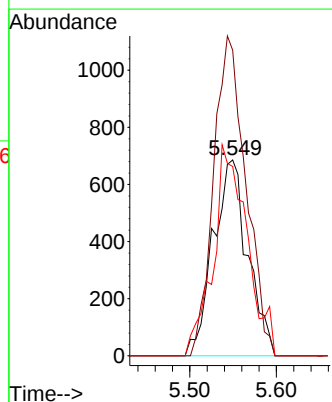
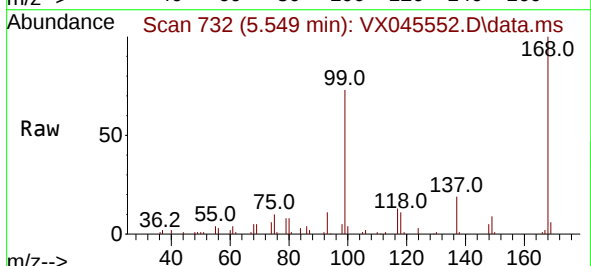
Tgt Ion: 56 Resp: 1905

Ion Ratio Lower Upper

56 100

69 156.0 23.6 35.4#

84 96.6 67.7 101.5





#33

1,2-Dichloroethane-d4

Concen: 52.734 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045552.D

Acq: 02 Apr 2025 17:14

Instrument :

MSVOA_X

ClientSampleId :

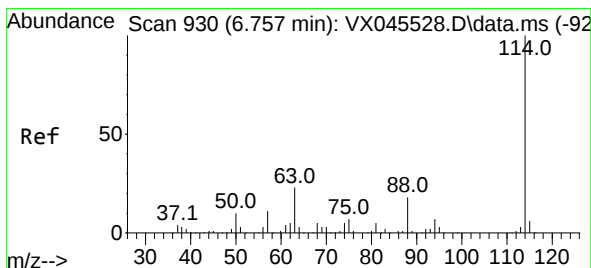
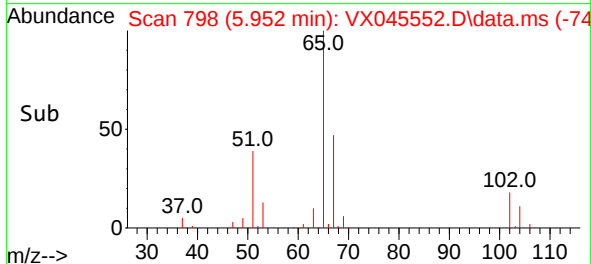
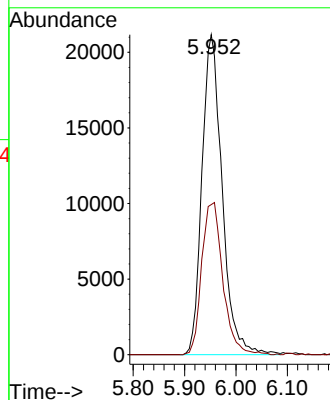
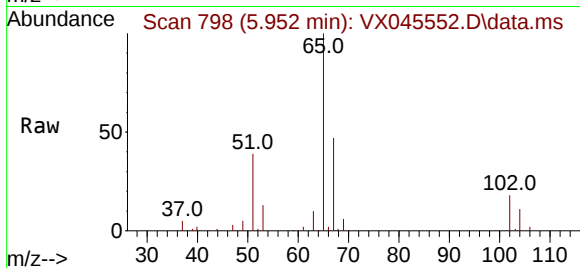
TB-01-040125

Tgt Ion: 65 Resp: 57754

Ion Ratio Lower Upper

65 100

67 49.9 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: VX045552.D

Acq: 02 Apr 2025 17:14

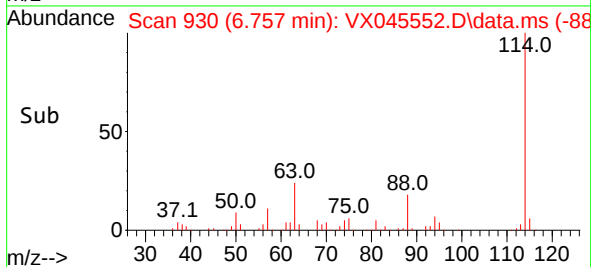
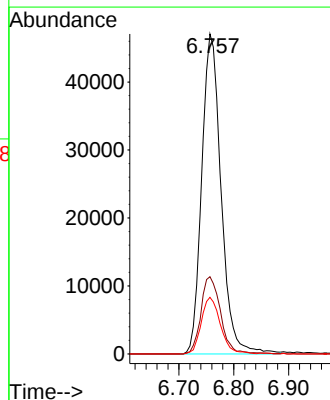
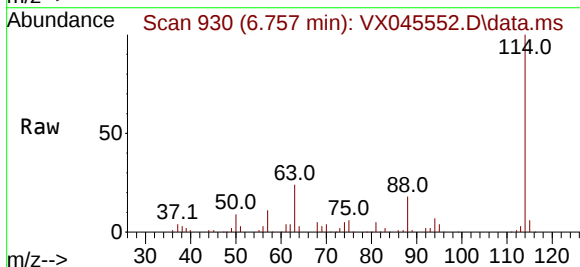
Tgt Ion: 114 Resp: 115627

Ion Ratio Lower Upper

114 100

63 24.1 0.0 46.8

88 17.7 0.0 35.4





#35

Dibromofluoromethane

Concen: 52.332 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX045552.D

Acq: 02 Apr 2025 17:14

Instrument :

MSVOA_X

ClientSampleId :

TB-01-040125

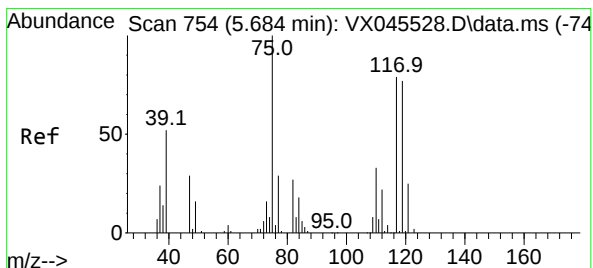
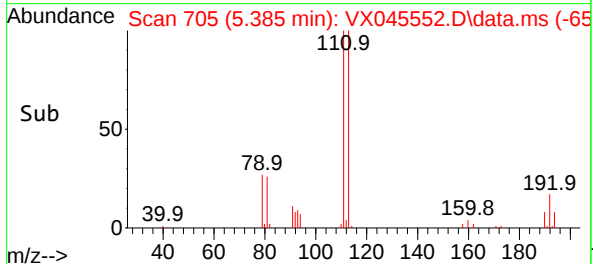
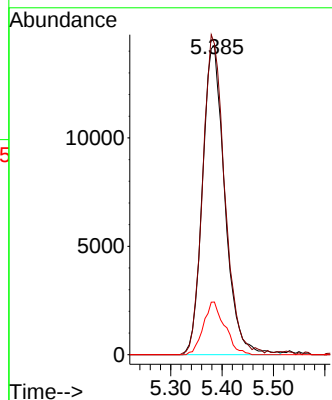
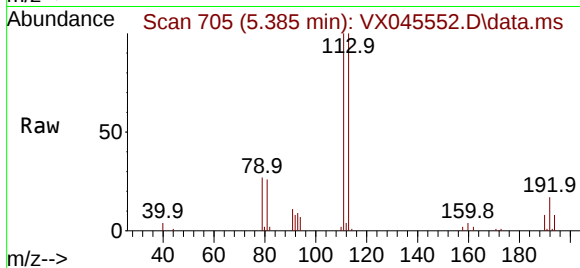
Tgt Ion:113 Resp: 42932

Ion Ratio Lower Upper

113 100

111 102.0 81.8 122.6

192 16.4 13.8 20.6



#36

1,1-Dichloropropene

Concen: 5.390 ug/l

RT: 5.543 min Scan# 731

Delta R.T. -0.140 min

Lab File: VX045552.D

Acq: 02 Apr 2025 17:14

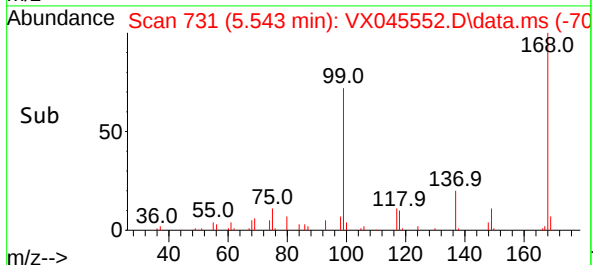
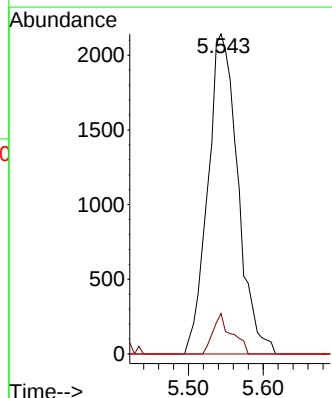
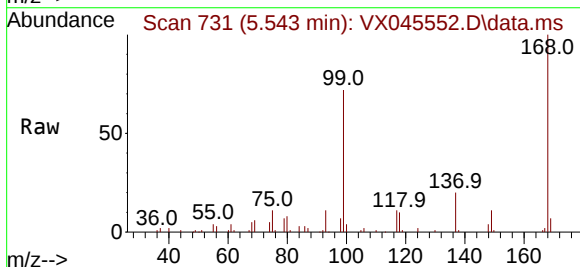
Tgt Ion: 75 Resp: 5970

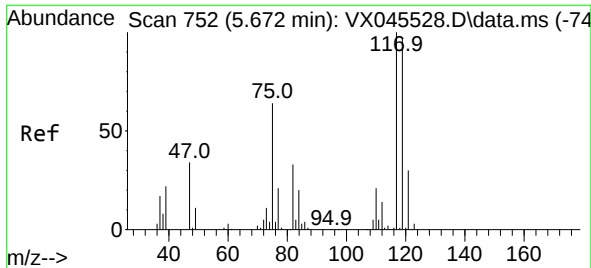
Ion Ratio Lower Upper

75 100

110 7.8 16.9 50.6#

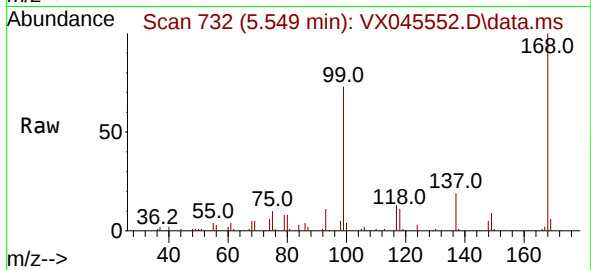
77 0.0 25.0 37.4#



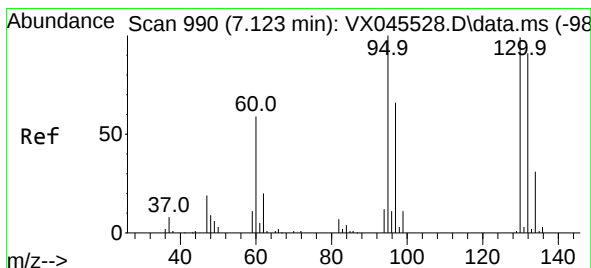
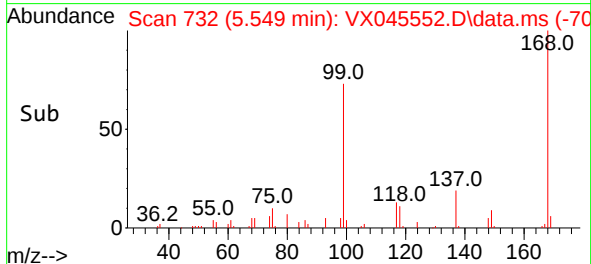
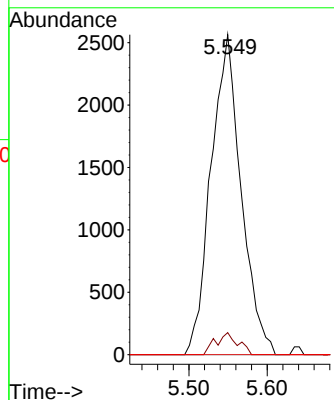


#38
Carbon Tetrachloride
Concen: 5.727 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX045552.D
Acq: 02 Apr 2025 17:14

Instrument :
MSVOA_X
ClientSampleId :
TB-01-040125

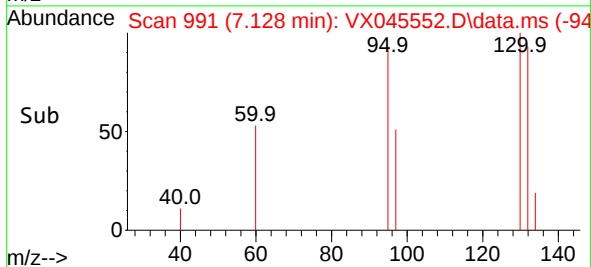
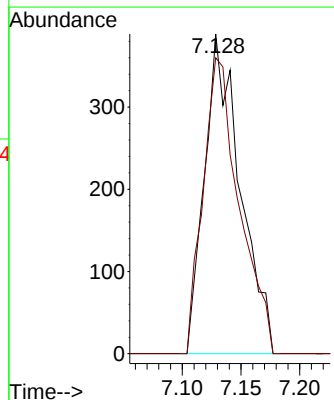
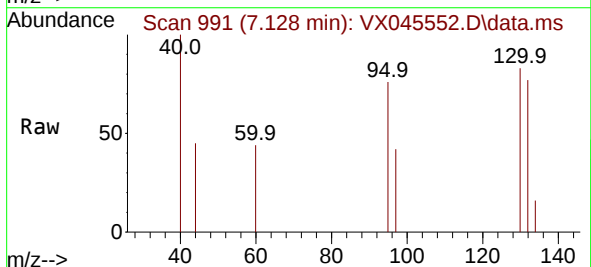


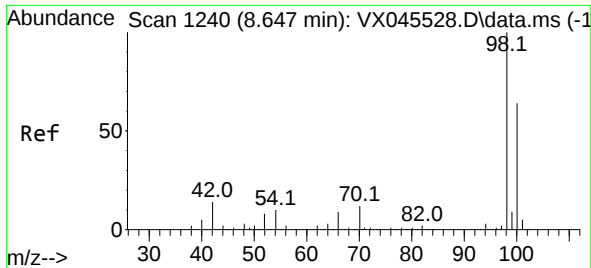
Tgt Ion:117 Resp: 6856
Ion Ratio Lower Upper
117 100
119 6.9 76.9 115.3#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 1.021 ug/l
RT: 7.128 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX045552.D
Acq: 02 Apr 2025 17:14

Tgt Ion:130 Resp: 821
Ion Ratio Lower Upper
130 100
95 92.5 0.0 202.0

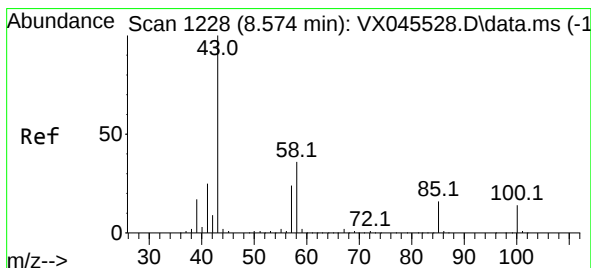
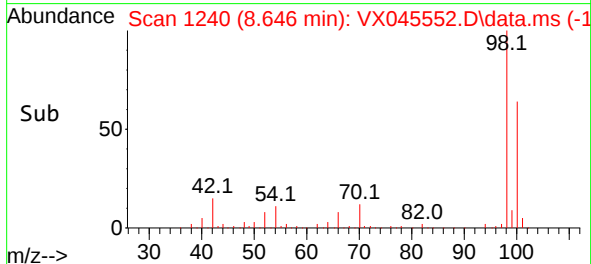
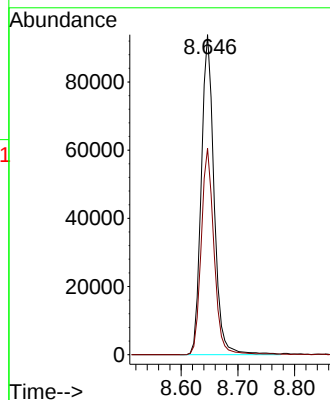
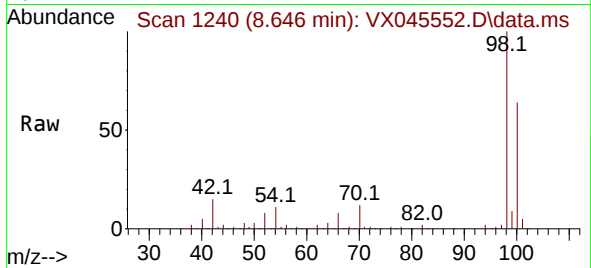




#50
Toluene-d8
Concen: 51.462 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045552.D
Acq: 02 Apr 2025 17:14

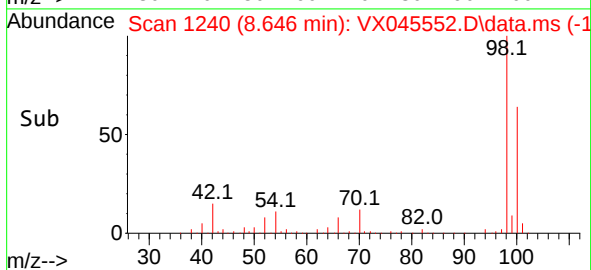
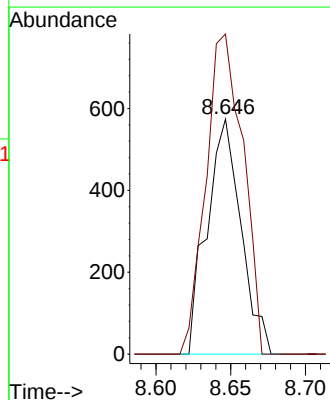
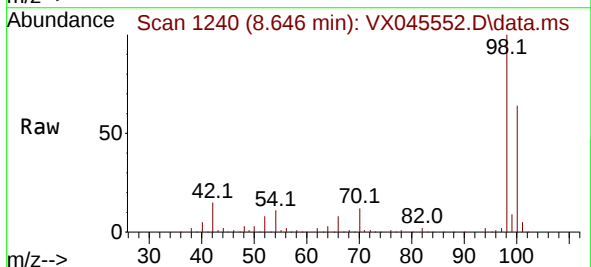
Instrument :
MSVOA_X
ClientSampleId :
TB-01-040125

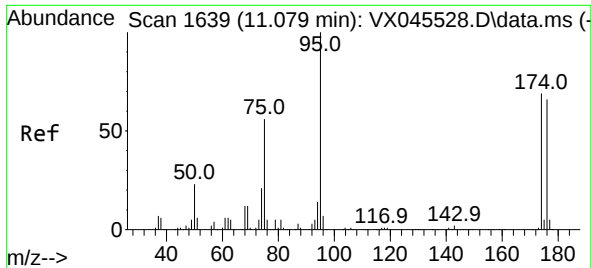
Tgt Ion: 98 Resp: 147358
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.650 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045552.D
Acq: 02 Apr 2025 17:14

Tgt Ion: 43 Resp: 912
Ion Ratio Lower Upper
43 100
58 148.6 28.5 42.7#

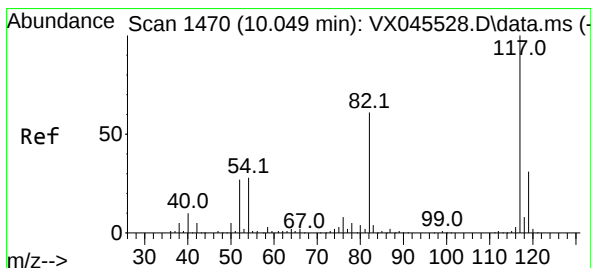
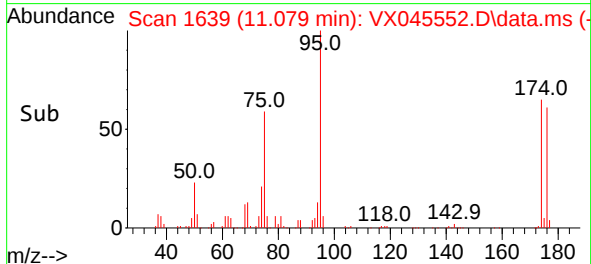
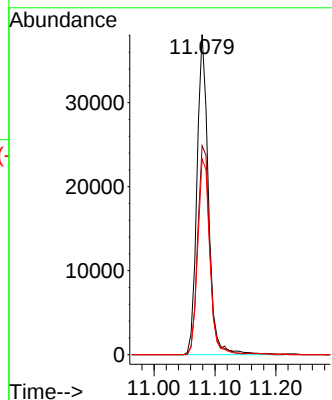
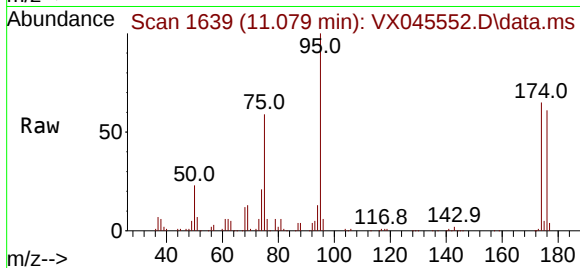




#62
4-Bromofluorobenzene
Concen: 47.435 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045552.D
Acq: 02 Apr 2025 17:14

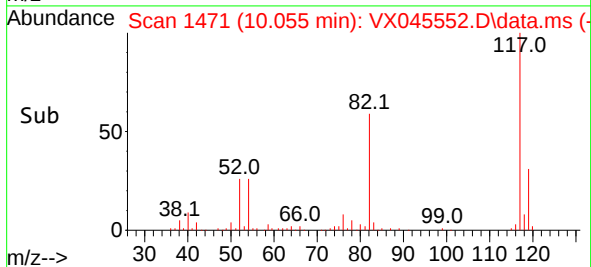
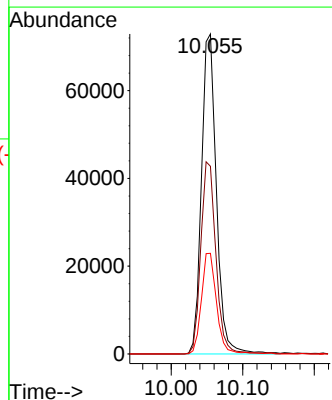
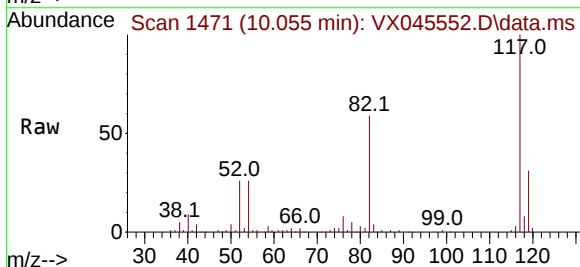
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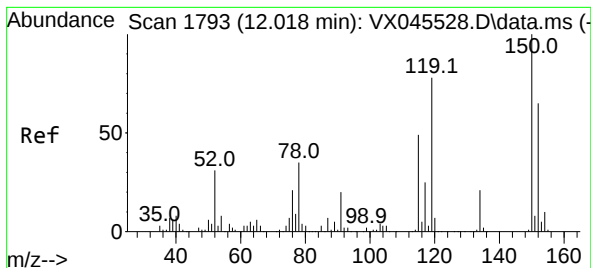
Tgt Ion: 95 Resp: 49475
Ion Ratio Lower Upper
95 100
174 69.5 0.0 135.8
176 64.5 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045552.D
Acq: 02 Apr 2025 17:14

Tgt Ion: 117 Resp: 105702
Ion Ratio Lower Upper
117 100
82 58.6 49.2 73.8
119 31.5 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045552.D

Acq: 02 Apr 2025 17:14

Instrument :

MSVOA_X

ClientSampleId :

TB-01-040125

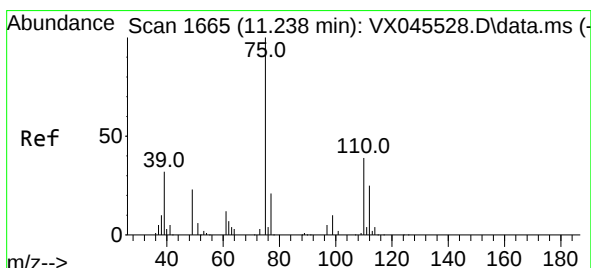
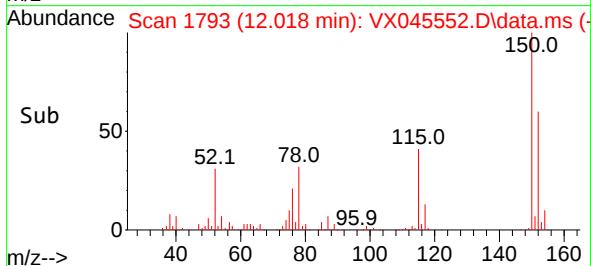
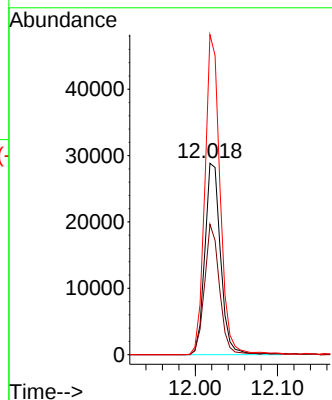
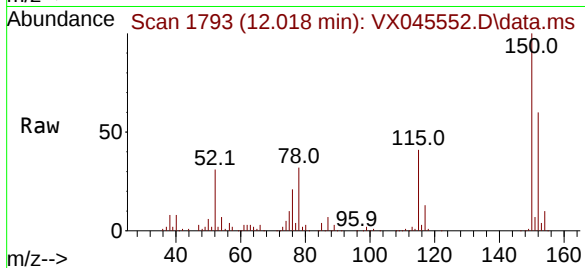
Tgt Ion:152 Resp: 38388

Ion Ratio Lower Upper

152 100

115 64.6 46.9 140.7

150 161.9 0.0 349.4



#76

1,2,3-Trichloropropane

Concen: 30.612 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX045552.D

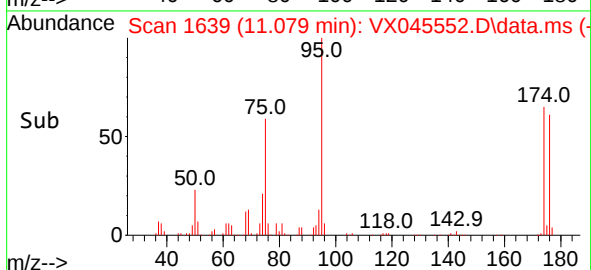
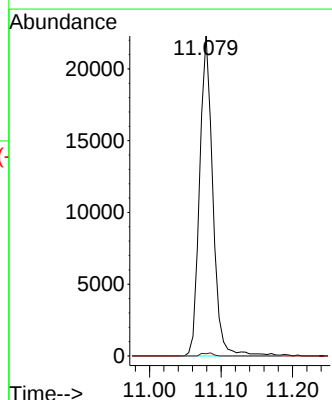
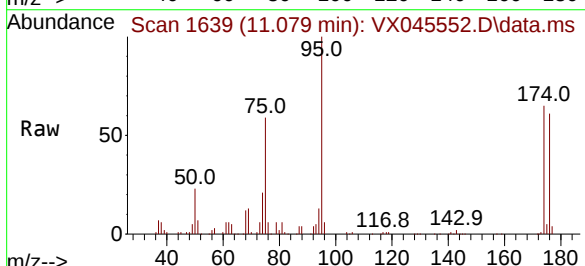
Acq: 02 Apr 2025 17:14

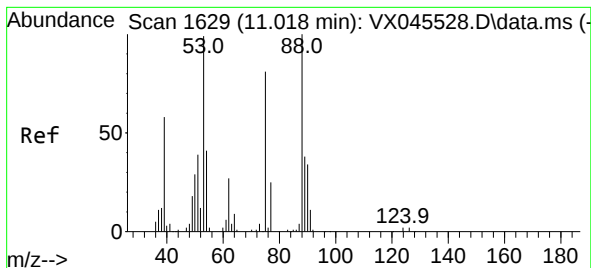
Tgt Ion: 75 Resp: 28664

Ion Ratio Lower Upper

75 100

77 0.8 20.0 59.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.892 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045552.D
 Acq: 02 Apr 2025 17:14

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-040125

Tgt Ion: 75 Resp: 28664
 Ion Ratio Lower Upper
 75 100
 53 0.0 101.8 152.6#
 89 0.0 37.2 55.8#

