

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032125\
 Data File : VX045397.D
 Acq On : 21 Mar 2025 18:44
 Operator : JC/MD
 Sample : Q1608-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT205S1-20250317

Quant Time: Mar 21 23:20:01 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)

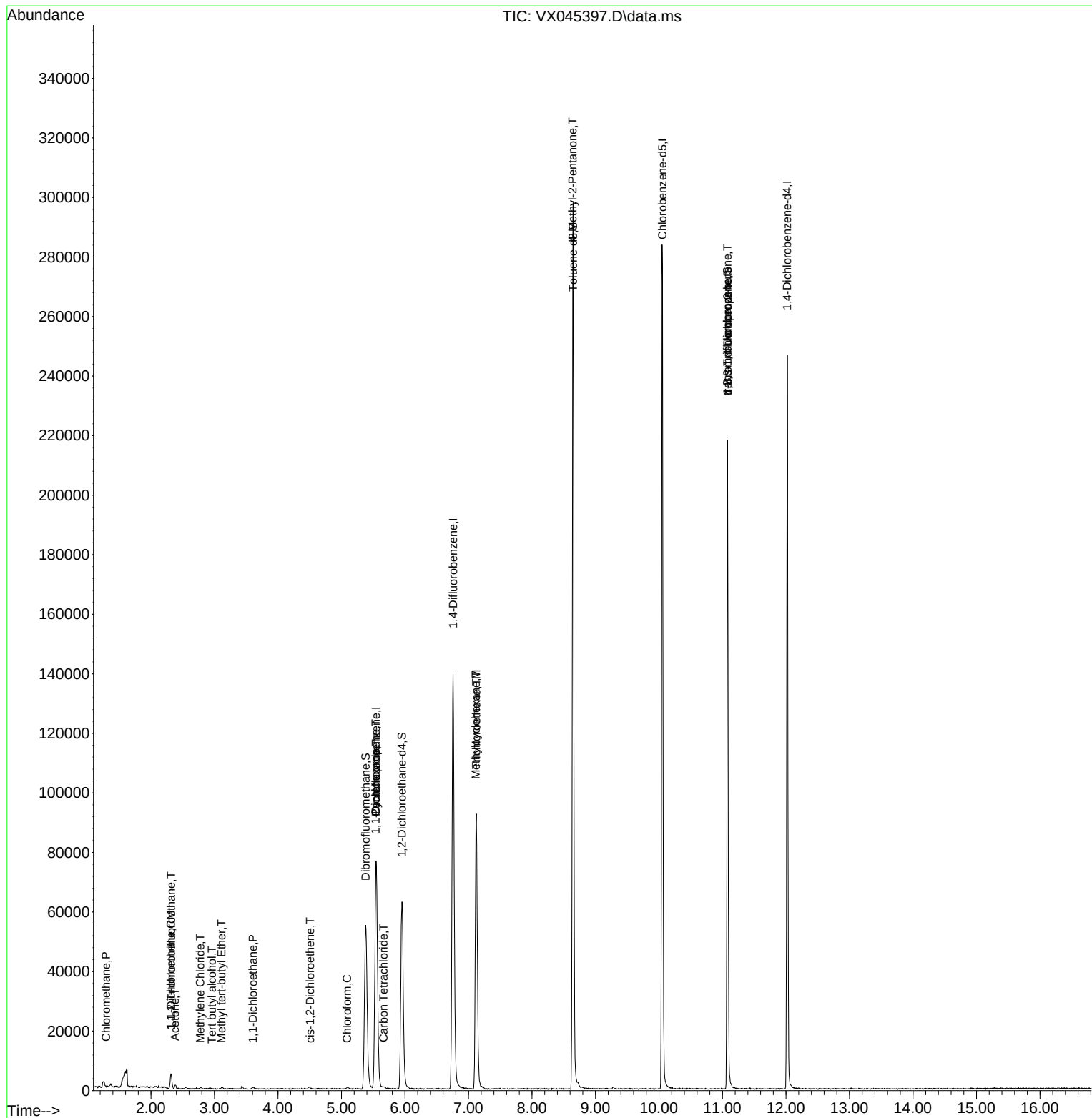
Internal Standards						
1) Pentafluorobenzene	5.544	168	68231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134675	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	44710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62065	57.186	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.380%	
35) Dibromofluoromethane	5.379	113	47612	52.871	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.740%	
50) Toluene-d8	8.647	98	169083	51.790	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.580%	
62) 4-Bromofluorobenzene	11.079	95	54468	50.347	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.700%	
Target Compounds						Qvalue
3) Chloromethane	1.295	50	216	0.206	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.319	101	1057	1.333	ug/l	90
11) Tert butyl alcohol	2.959	59	74	0.360	ug/l #	73
12) 1,1-Dichloroethene	2.313	96	1139	1.359	ug/l	88
16) Acetone	2.380	43	1372	2.725	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	709	0.252	ug/l #	52
20) Methylene Chloride	2.776	84	277	0.278	ug/l #	68
24) 1,1-Dichloroethane	3.605	63	1029	0.605	ug/l #	83
27) cis-1,2-Dichloroethene	4.507	96	493	0.482	ug/l #	60
30) Chloroform	5.087	83	777	0.460	ug/l	94
31) Cyclohexane	5.544	56	1984	1.344	ug/l #	15
36) 1,1-Dichloropropene	5.538	75	6529	5.287	ug/l #	48
38) Carbon Tetrachloride	5.660	117	449	0.358	ug/l #	64
39) Methylcyclohexane	7.117	83	588	0.397	ug/l #	1
44) Trichloroethene	7.123	130	34971	38.190	ug/l	97
51) 4-Methyl-2-Pentanone	8.641	43	890	0.563	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	31261	30.040	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	31261	102.804	ug/l #	6

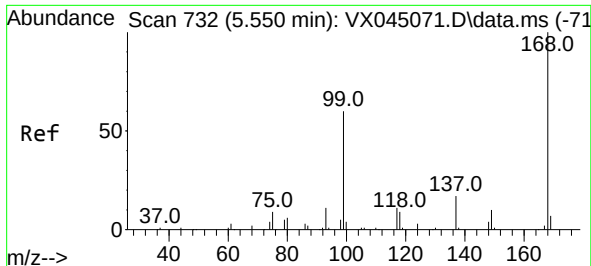
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

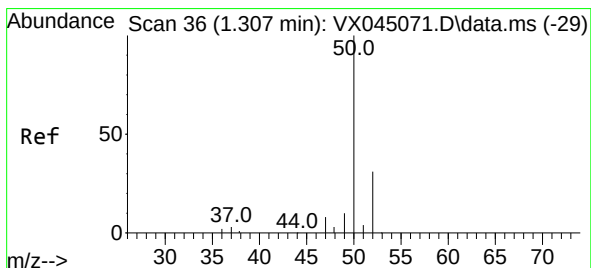
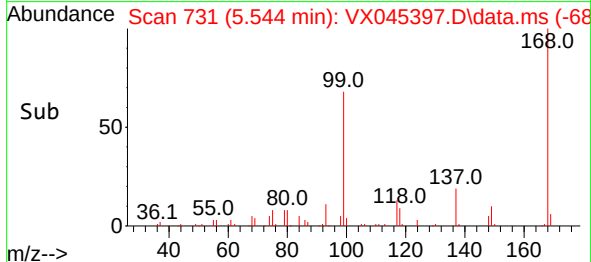
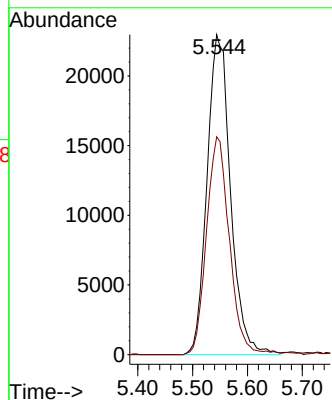
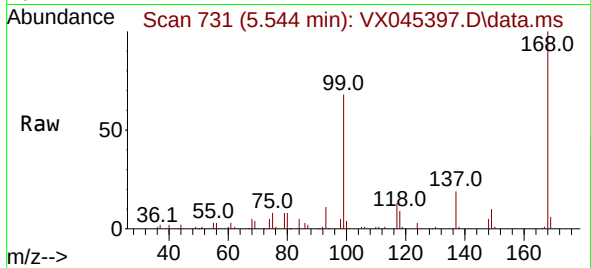




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045397.D
Acq: 21 Mar 2025 18:44

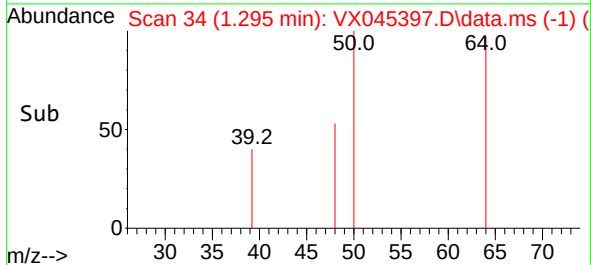
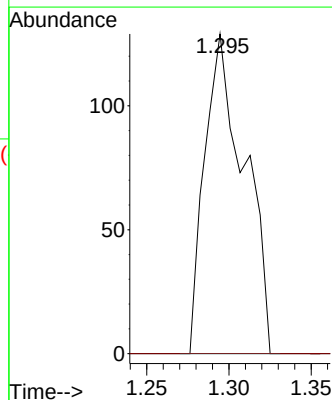
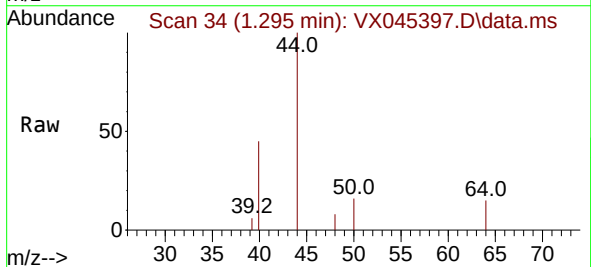
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20250317

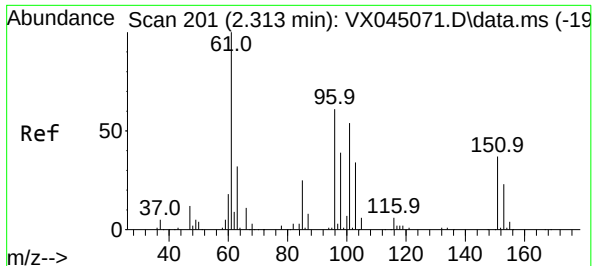
Tgt Ion:168 Resp: 68231
Ion Ratio Lower Upper
168 100
99 68.1 48.2 72.4



#3
Chloromethane
Concen: 0.206 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.012 min
Lab File: VX045397.D
Acq: 21 Mar 2025 18:44

Tgt Ion: 50 Resp: 216
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

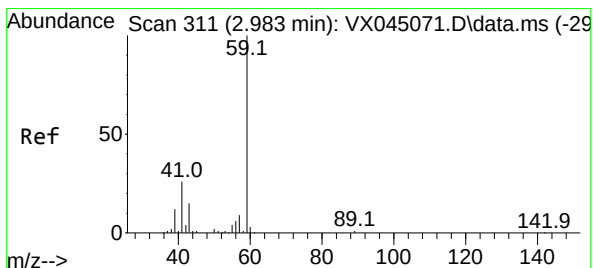
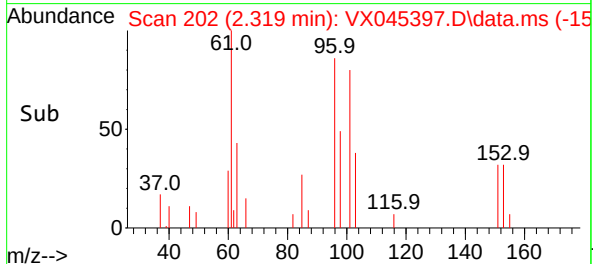
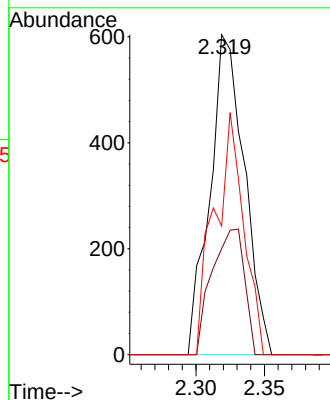
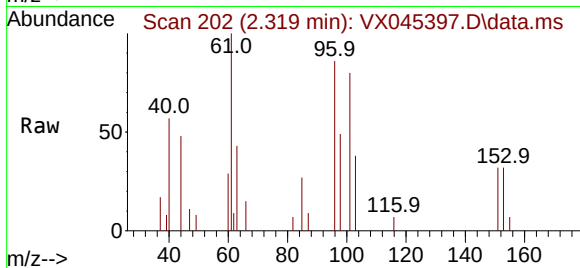




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.333 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX045397.D
Acq: 21 Mar 2025 18:44

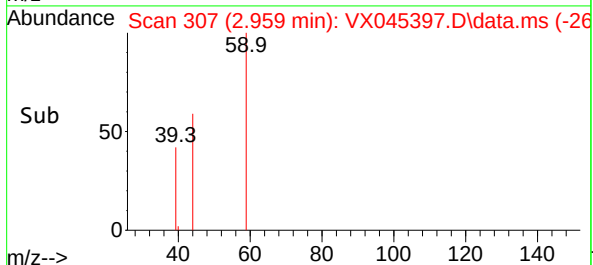
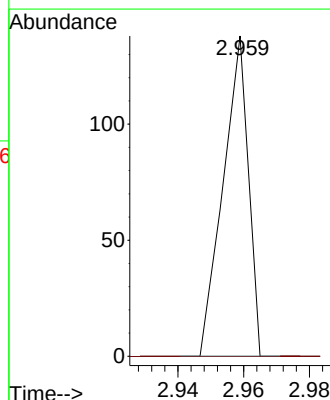
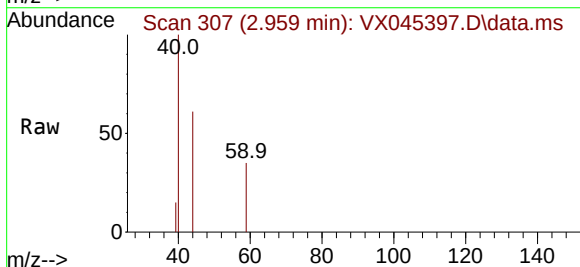
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20250317

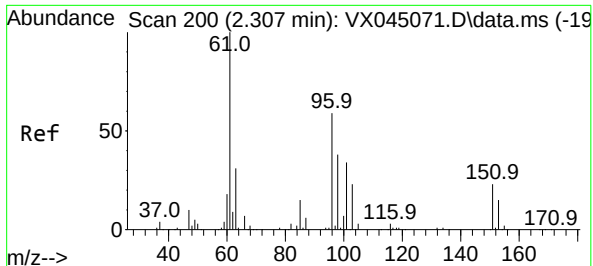
Tgt Ion:	101	Resp:	1057
Ion	Ratio	Lower	Upper
101	100		
85	37.1	36.2	54.4
151	64.0	56.4	84.6



#11
Tert butyl alcohol
Concen: 0.360 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX045397.D
Acq: 21 Mar 2025 18:44

Tgt Ion:	59	Resp:	74
Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8





#12

1,1-Dichloroethene

Concen: 1.359 ug/l

RT: 2.313 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX045397.D

Acq: 21 Mar 2025 18:44

Instrument :

MSVOA_X

ClientSampleId :

TT205S1-20250317

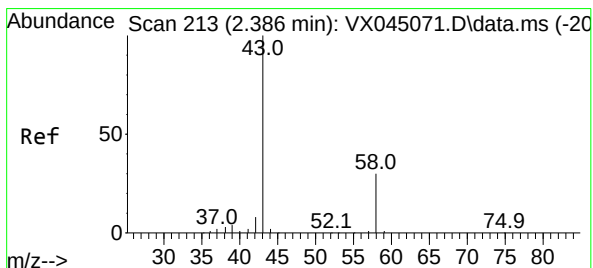
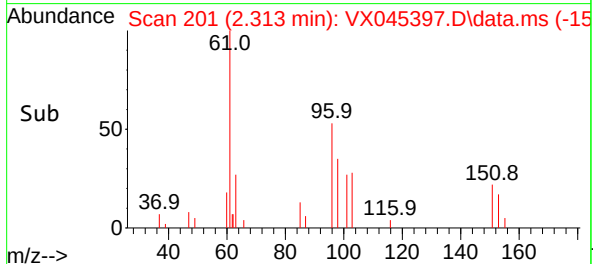
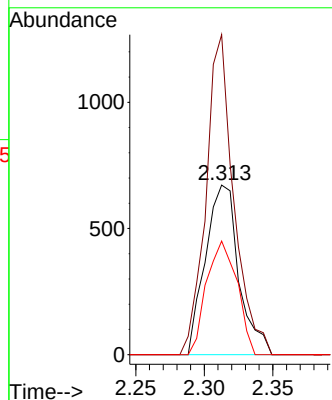
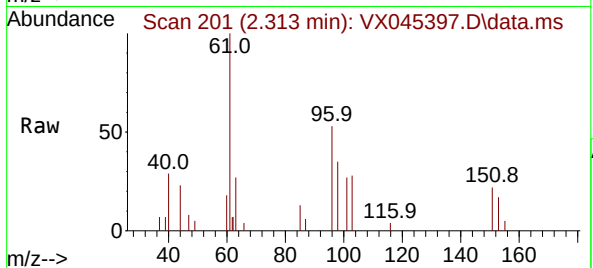
Tgt Ion: 96 Resp: 1139

Ion Ratio Lower Upper

96 100

61 188.7 134.6 202.0

98 67.0 51.0 76.6



#16

Acetone

Concen: 2.725 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX045397.D

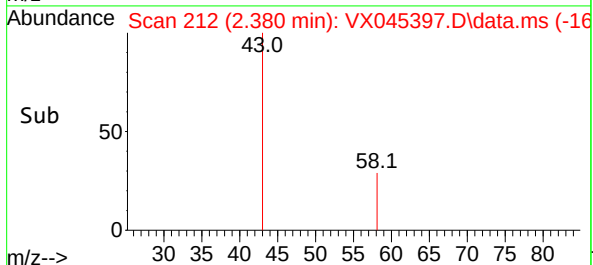
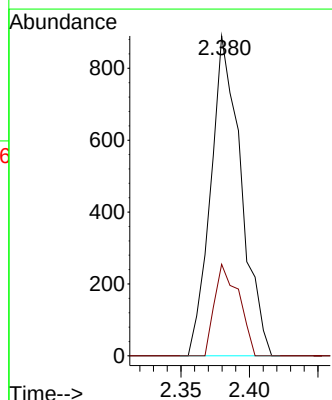
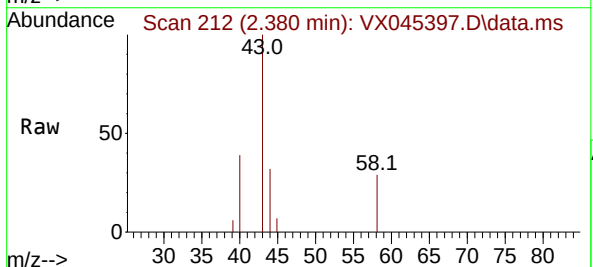
Acq: 21 Mar 2025 18:44

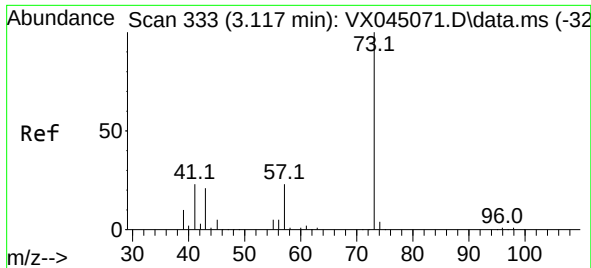
Tgt Ion: 43 Resp: 1372

Ion Ratio Lower Upper

43 100

58 28.7 24.2 36.4

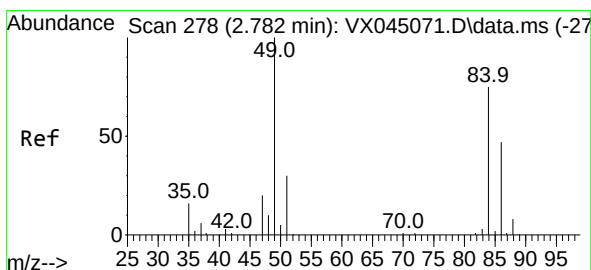
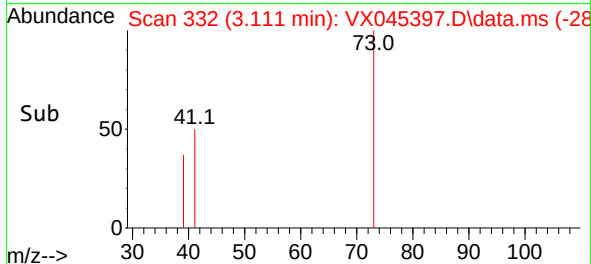
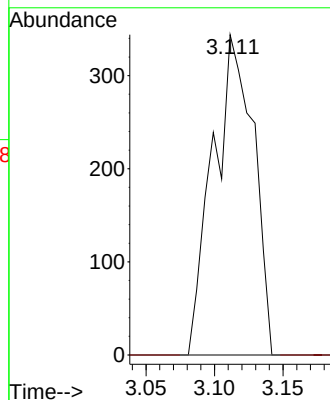
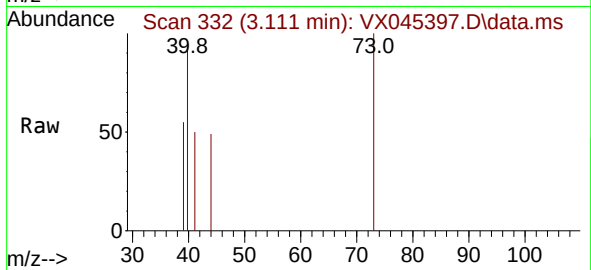




#19
Methyl tert-butyl Ether
Concen: 0.252 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045397.D
Acq: 21 Mar 2025 18:44

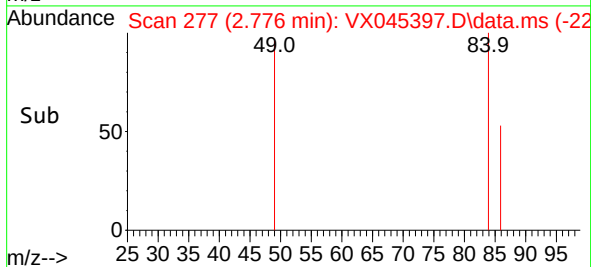
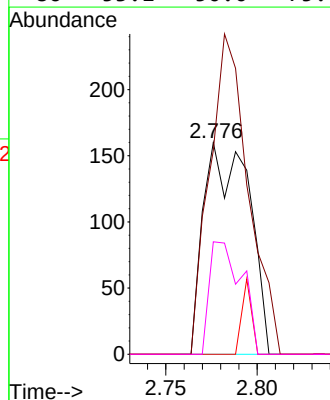
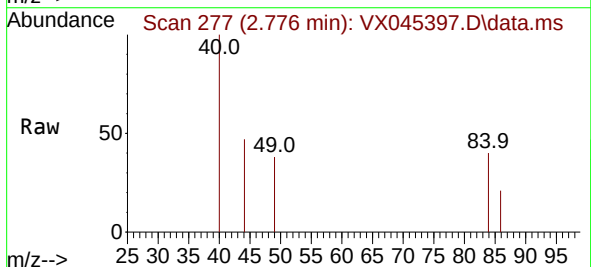
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20250317

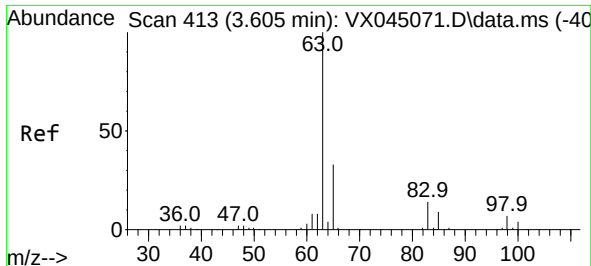
Tgt Ion: 73 Resp: 709
Ion Ratio Lower Upper
73 100
57 0.0 18.5 27.7#



#20
Methylene Chloride
Concen: 0.278 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.006 min
Lab File: VX045397.D
Acq: 21 Mar 2025 18:44

Tgt Ion: 84 Resp: 277
Ion Ratio Lower Upper
84 100
49 96.3 106.5 159.7#
51 0.0 32.1 48.1#
86 53.1 50.0 75.0

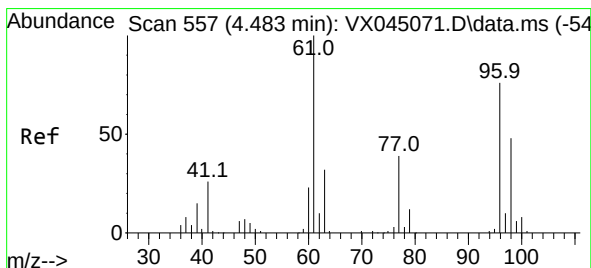
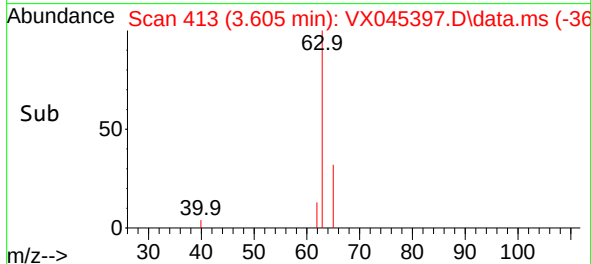
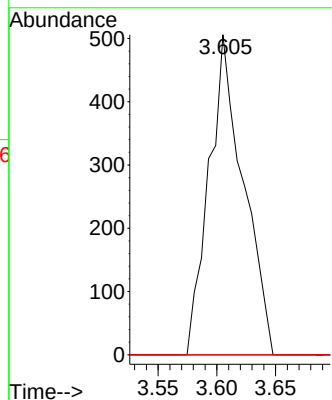
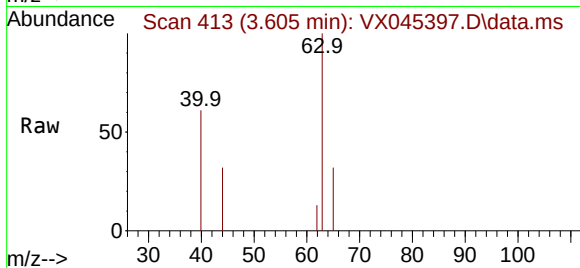




#24
 1,1-Dichloroethane
 Concen: 0.605 ug/l
 RT: 3.605 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX045397.D
 Acq: 21 Mar 2025 18:44

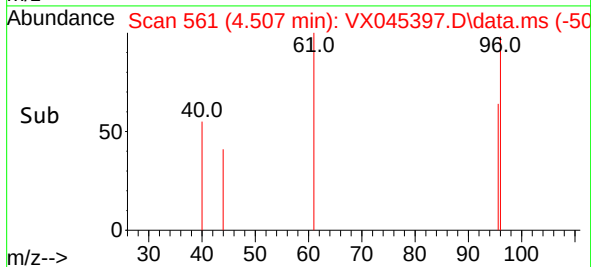
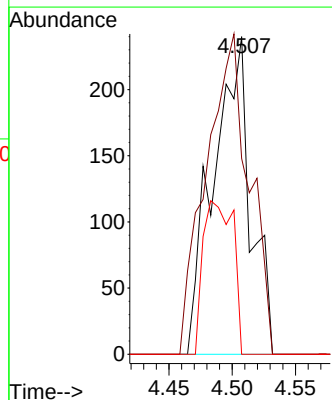
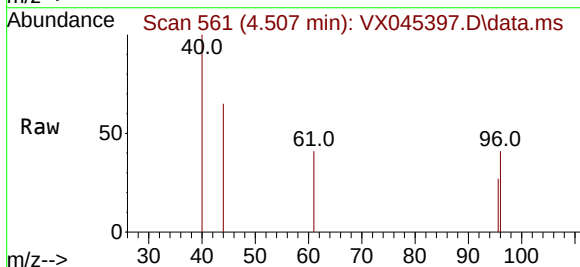
Instrument :
 MSVOA_X
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 TT205S1-20250317

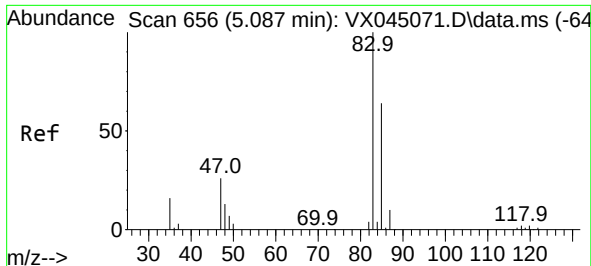
Tgt Ion: 63 Resp: 1029
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.4 10.2#
 100 0.0 2.1 6.5#



#27
 cis-1,2-Dichloroethene
 Concen: 0.482 ug/l
 RT: 4.507 min Scan# 561
 Delta R.T. 0.024 min
 Lab File: VX045397.D
 Acq: 21 Mar 2025 18:44

Tgt Ion: 96 Resp: 493
 Ion Ratio Lower Upper
 96 100
 61 116.2 0.0 283.2
 98 0.0 0.0 128.0





#30

Chloroform

Concen: 0.460 ug/l

RT: 5.087 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX045397.D

Acq: 21 Mar 2025 18:44

Instrument :

MSVOA_X

ClientSampleId :

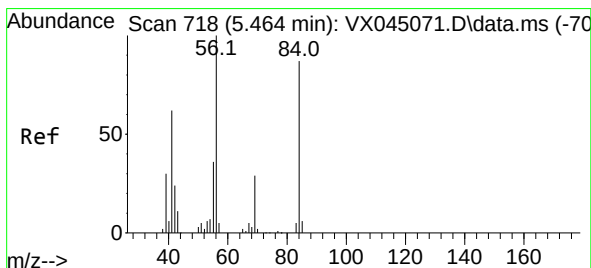
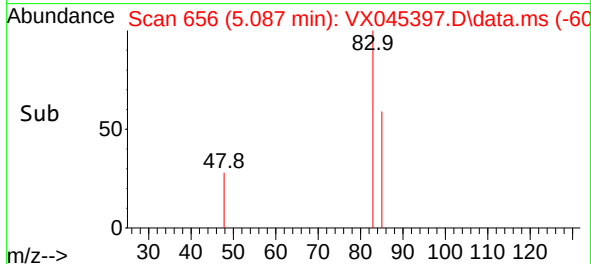
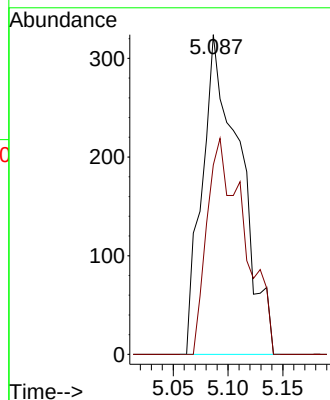
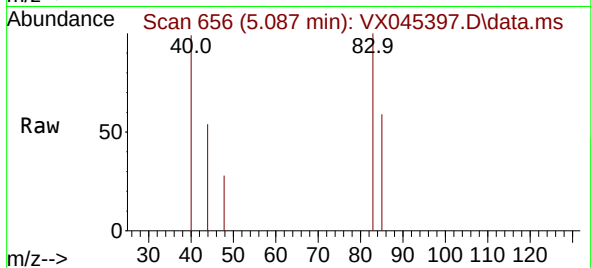
TT205S1-20250317

Tgt Ion: 83 Resp: 777

Ion Ratio Lower Upper

83 100

85 59.3 51.4 77.2



#31

Cyclohexane

Concen: 1.344 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX045397.D

Acq: 21 Mar 2025 18:44

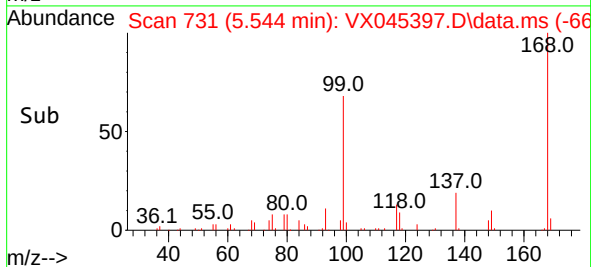
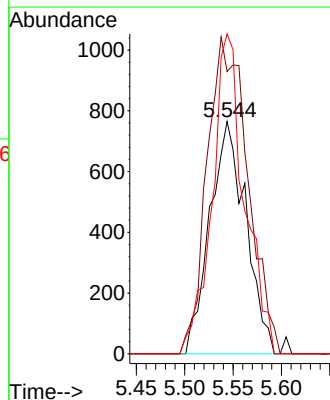
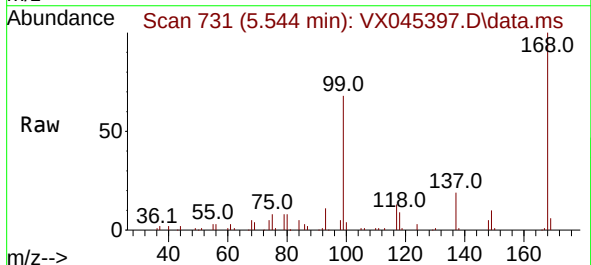
Tgt Ion: 56 Resp: 1984

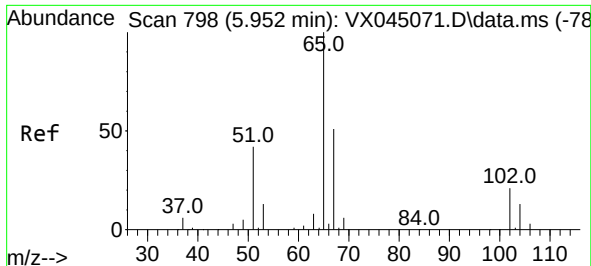
Ion Ratio Lower Upper

56 100

69 121.4 23.4 35.2#

84 137.6 69.4 104.2#





#33

1,2-Dichloroethane-d4

Concen: 57.186 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045397.D

Acq: 21 Mar 2025 18:44

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MSVOA_X

ClientSampleId :

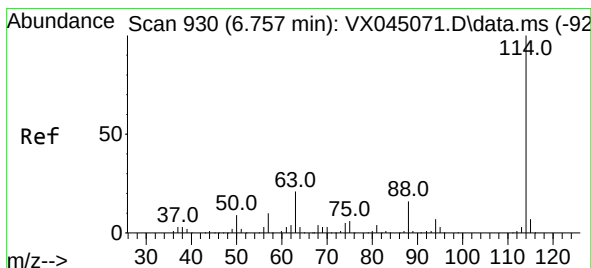
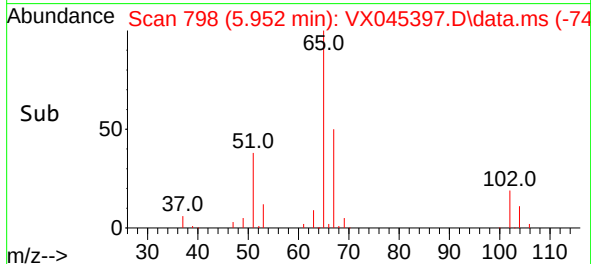
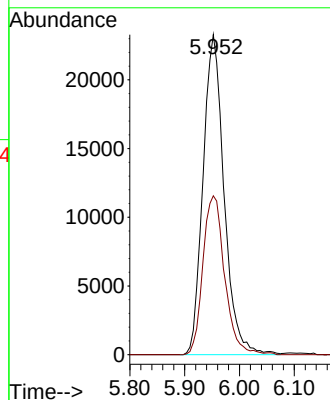
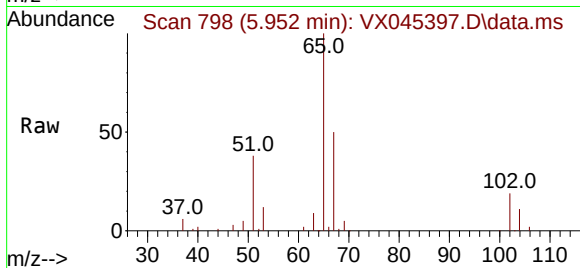
TT205S1-20250317

Tgt Ion: 65 Resp: 62065

Ion Ratio Lower Upper

65 100

67 51.1 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: VX045397.D

Acq: 21 Mar 2025 18:44

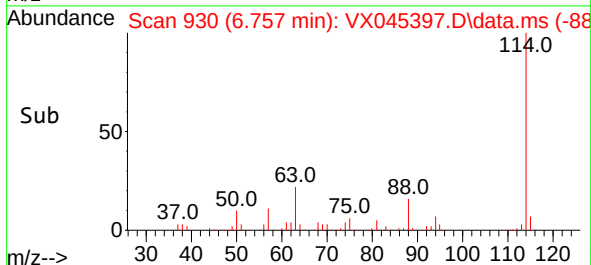
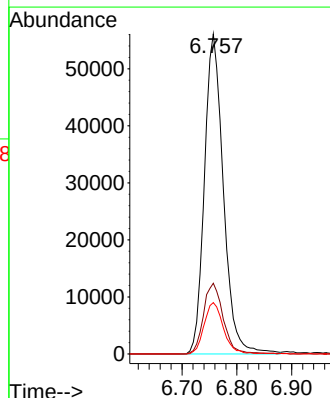
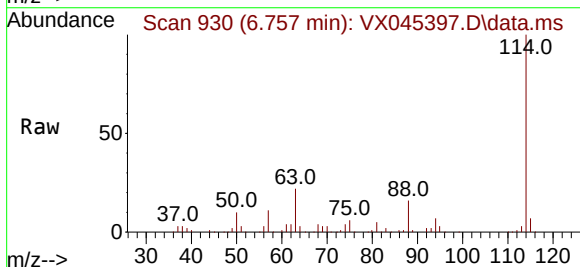
Tgt Ion: 114 Resp: 134675

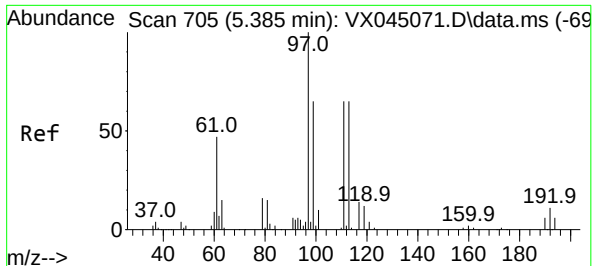
Ion Ratio Lower Upper

114 100

63 22.1 0.0 41.8

88 16.0 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.871 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX045397.D

Acq: 21 Mar 2025 18:44

Instrument :

MSVOA_X

ClientSampleId :

TT205S1-20250317

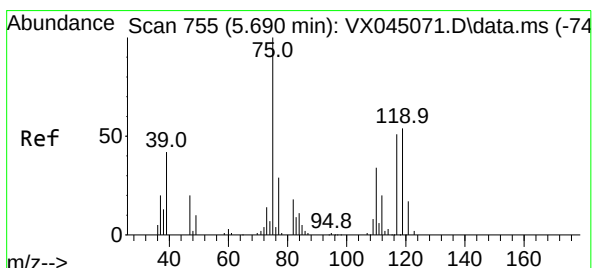
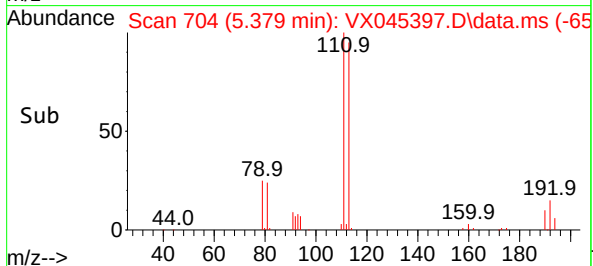
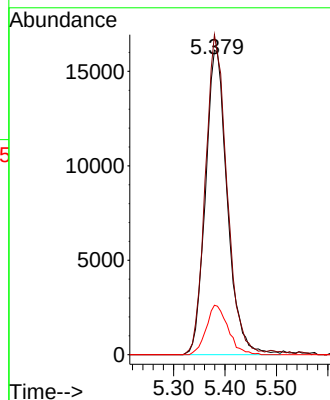
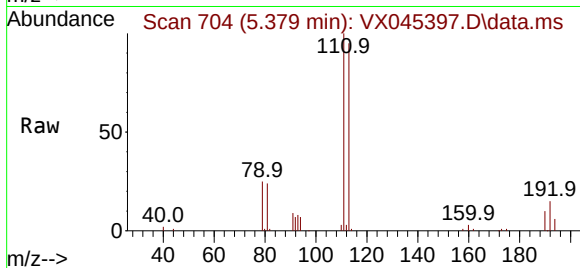
Tgt Ion:113 Resp: 47612

Ion Ratio Lower Upper

113 100

111 103.9 81.8 122.6

192 16.3 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.287 ug/l

RT: 5.538 min Scan# 730

Delta R.T. -0.152 min

Lab File: VX045397.D

Acq: 21 Mar 2025 18:44

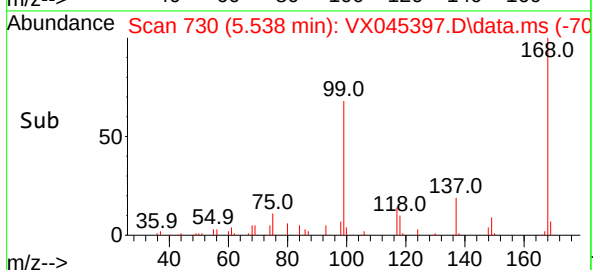
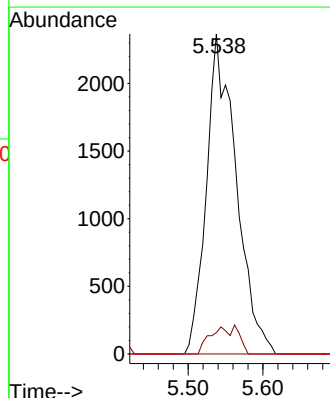
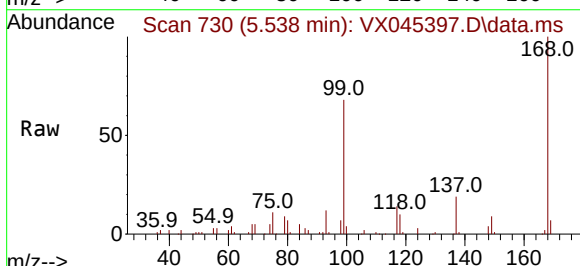
Tgt Ion: 75 Resp: 6529

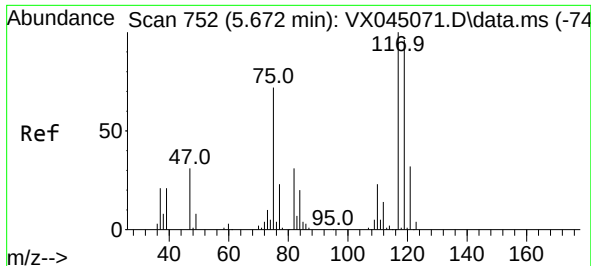
Ion Ratio Lower Upper

75 100

110 5.7 16.9 50.6#

77 0.0 24.5 36.7#

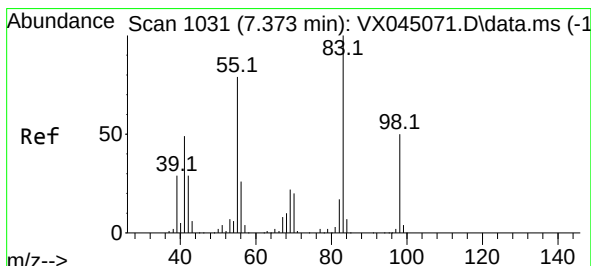
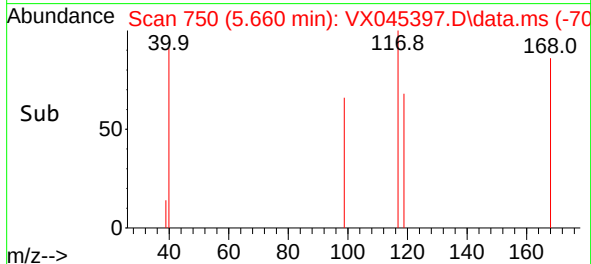
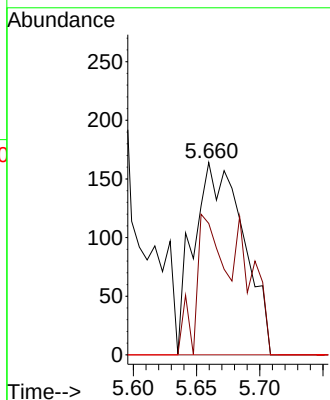
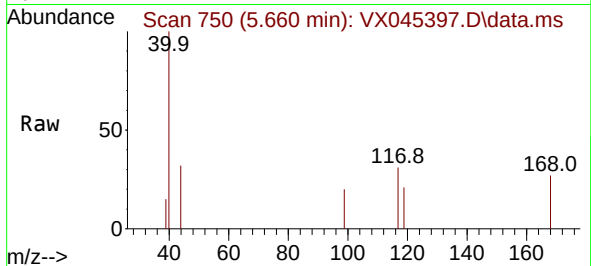




#38
Carbon Tetrachloride
Concen: 0.358 ug/l
RT: 5.660 min Scan# 711
Delta R.T. -0.012 min
Lab File: VX045397.D
Acq: 21 Mar 2025 18:44

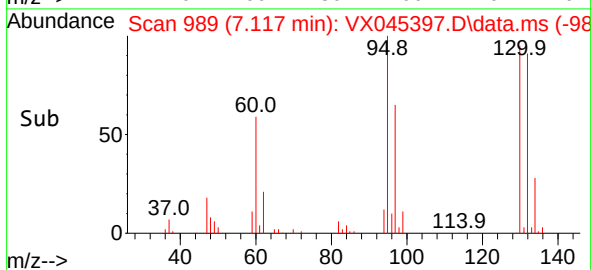
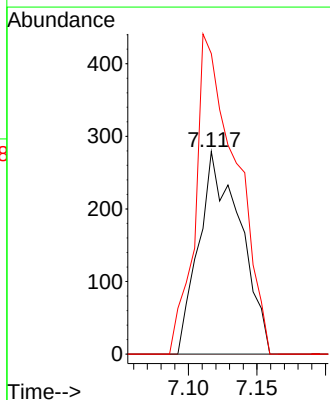
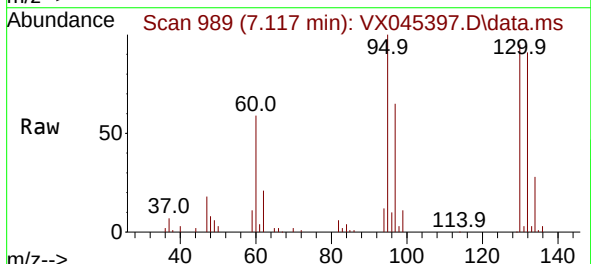
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20250317

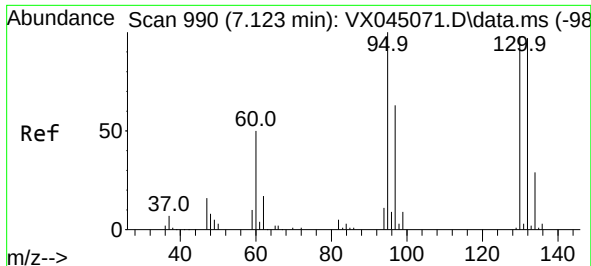
Tgt Ion:117 Resp: 449
Ion Ratio Lower Upper
117 100
119 68.3 76.7 115.1#
121 0.0 25.5 38.3#



#39
Methylcyclohexane
Concen: 0.397 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.256 min
Lab File: VX045397.D
Acq: 21 Mar 2025 18:44

Tgt Ion: 83 Resp: 588
Ion Ratio Lower Upper
83 100
55 0.0 63.0 94.4#
98 148.4 39.7 59.5#

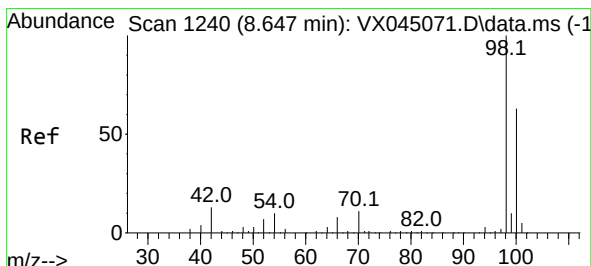
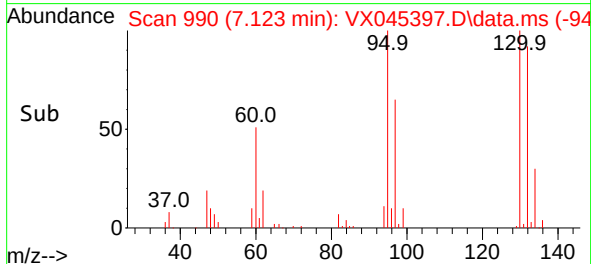
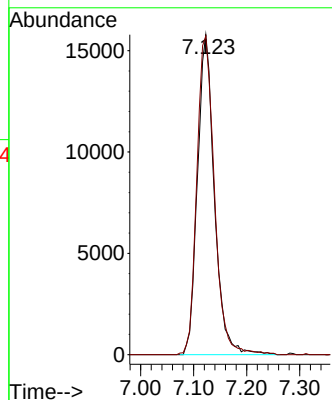
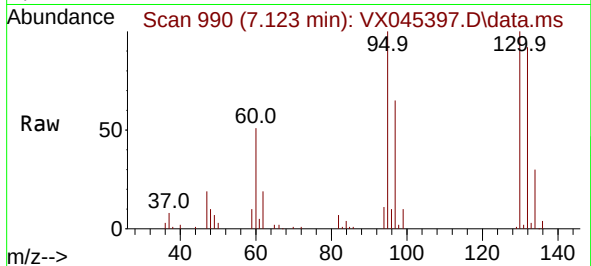




#44
Trichloroethene
Concen: 38.190 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045397.D
Acq: 21 Mar 2025 18:44

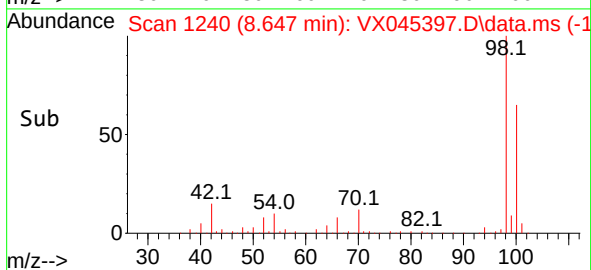
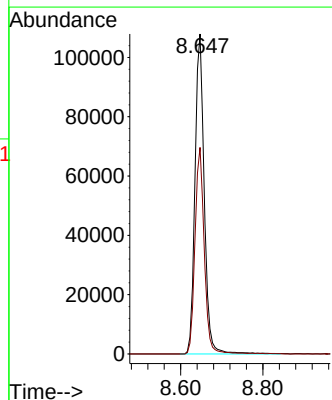
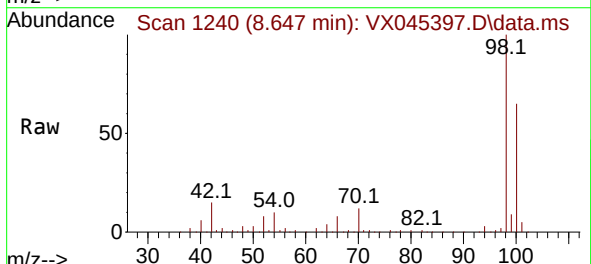
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20250317

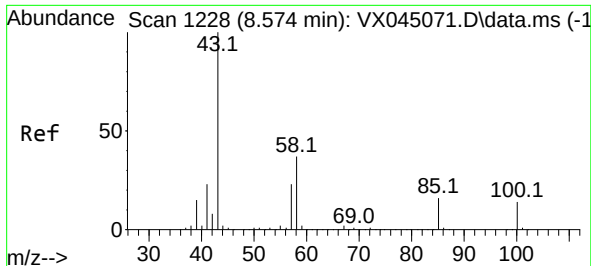
Tgt Ion:130 Resp: 34971
Ion Ratio Lower Upper
130 100
95 99.6 0.0 205.0



#50
Toluene-d8
Concen: 51.790 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045397.D
Acq: 21 Mar 2025 18:44

Tgt Ion: 98 Resp: 169083
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0

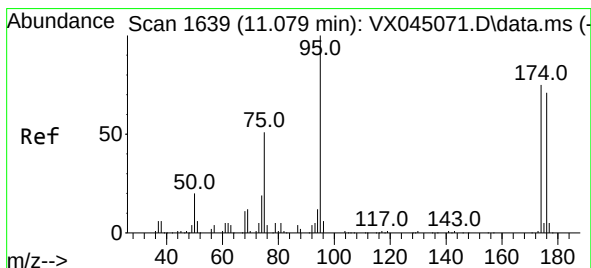
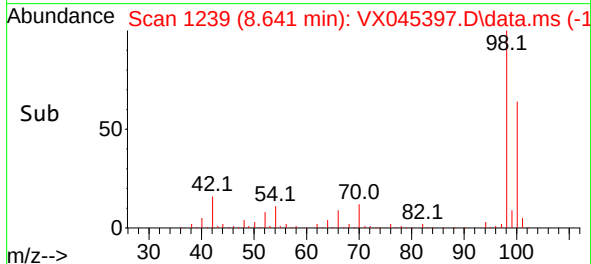
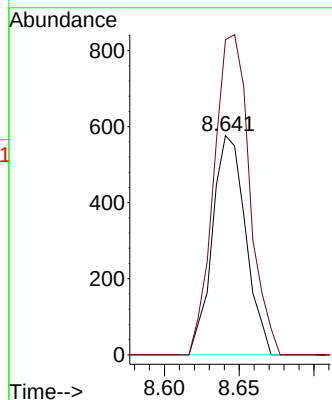
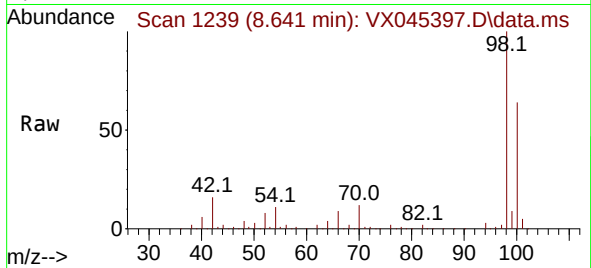




#51
4-Methyl-2-Pentanone
Concen: 0.563 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX045397.D
Acq: 21 Mar 2025 18:44

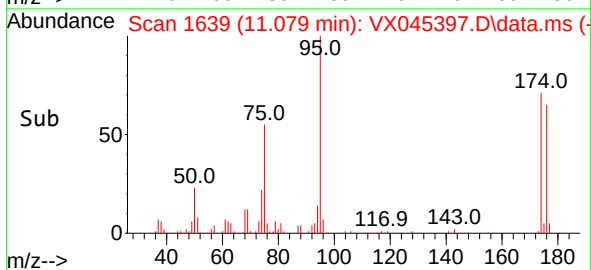
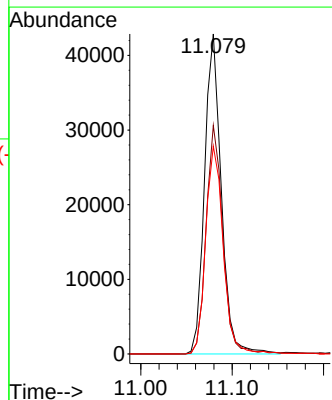
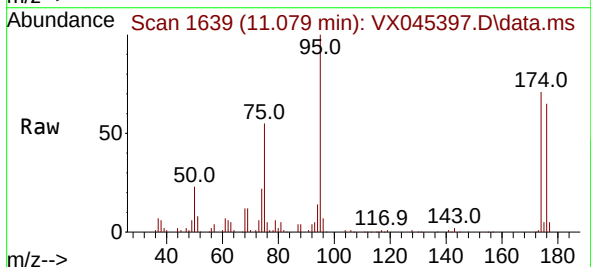
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20250317

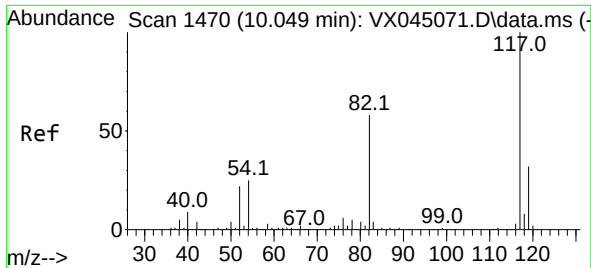
Tgt Ion: 43 Resp: 890
Ion Ratio Lower Upper
43 100
58 156.7 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 50.347 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045397.D
Acq: 21 Mar 2025 18:44

Tgt Ion: 95 Resp: 54468
Ion Ratio Lower Upper
95 100
174 71.4 0.0 148.2
176 68.1 0.0 141.4

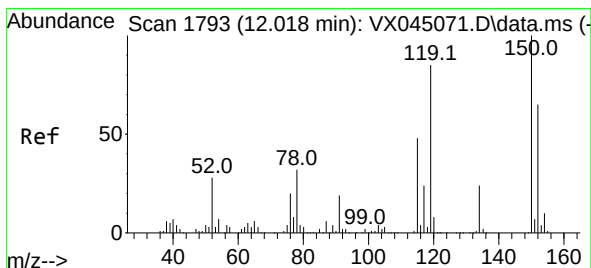
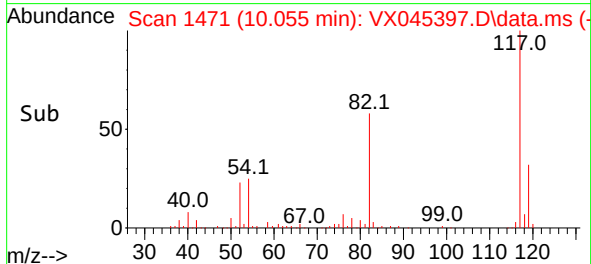
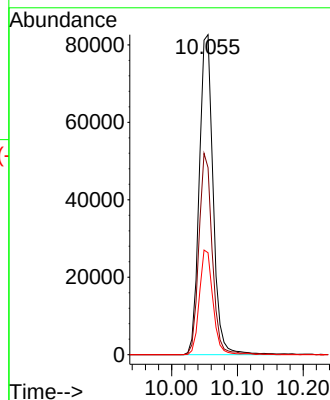
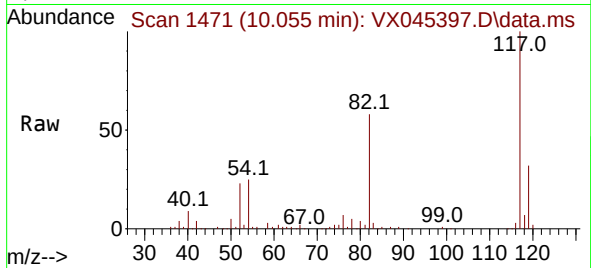




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045397.D
Acq: 21 Mar 2025 18:44

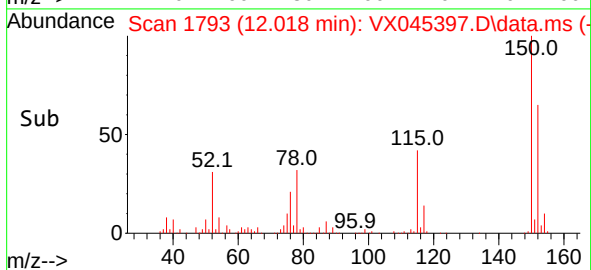
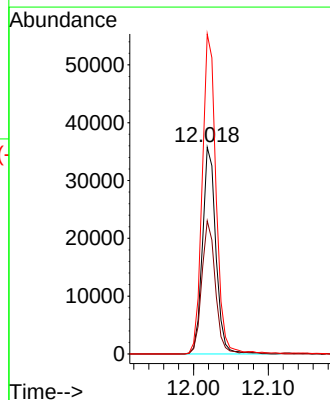
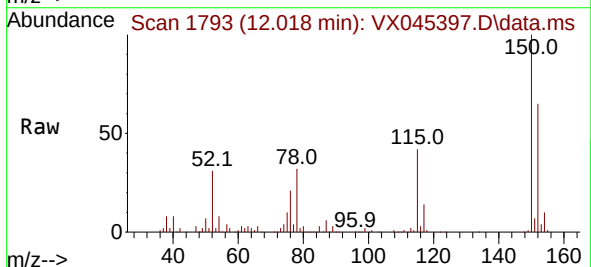
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20250317

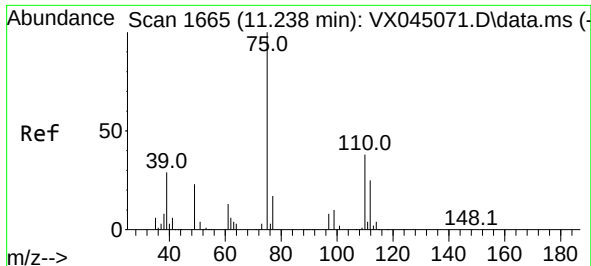
Tgt Ion:117 Resp: 120991
Ion Ratio Lower Upper
117 100
82 58.5 46.3 69.5
119 31.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045397.D
Acq: 21 Mar 2025 18:44

Tgt Ion:152 Resp: 44710
Ion Ratio Lower Upper
152 100
115 65.4 44.2 132.6
150 159.1 0.0 349.0

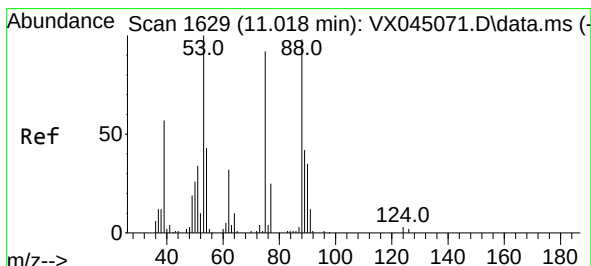
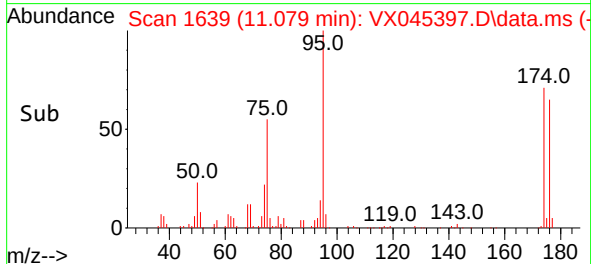
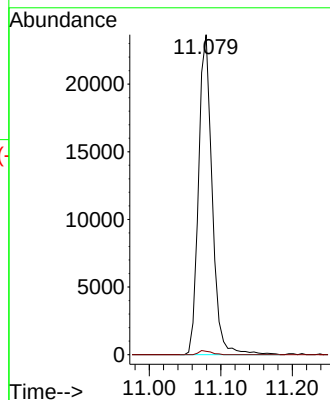
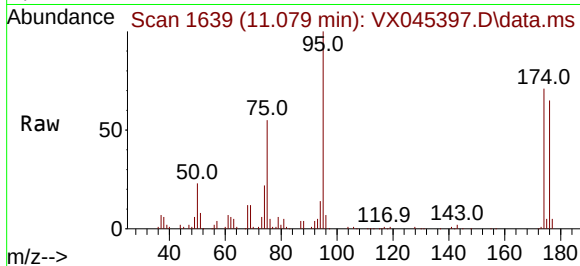




#76
1,2,3-Trichloropropane
Concen: 30.040 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045397.D
Acq: 21 Mar 2025 18:44

Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20250317

Tgt Ion: 75 Resp: 31261
Ion Ratio Lower Upper
75 100
77 1.2 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.804 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045397.D
Acq: 21 Mar 2025 18:44

Tgt Ion: 75 Resp: 31261
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

