

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101922\
 Data File : VX032232.D
 Acq On : 20 Oct 2022 01:28
 Operator : JC/MD
 Sample : N5166-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 5388-1

Quant Time: Oct 20 05:24:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 16:51:09 2022
 Response via : Initial Calibration

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

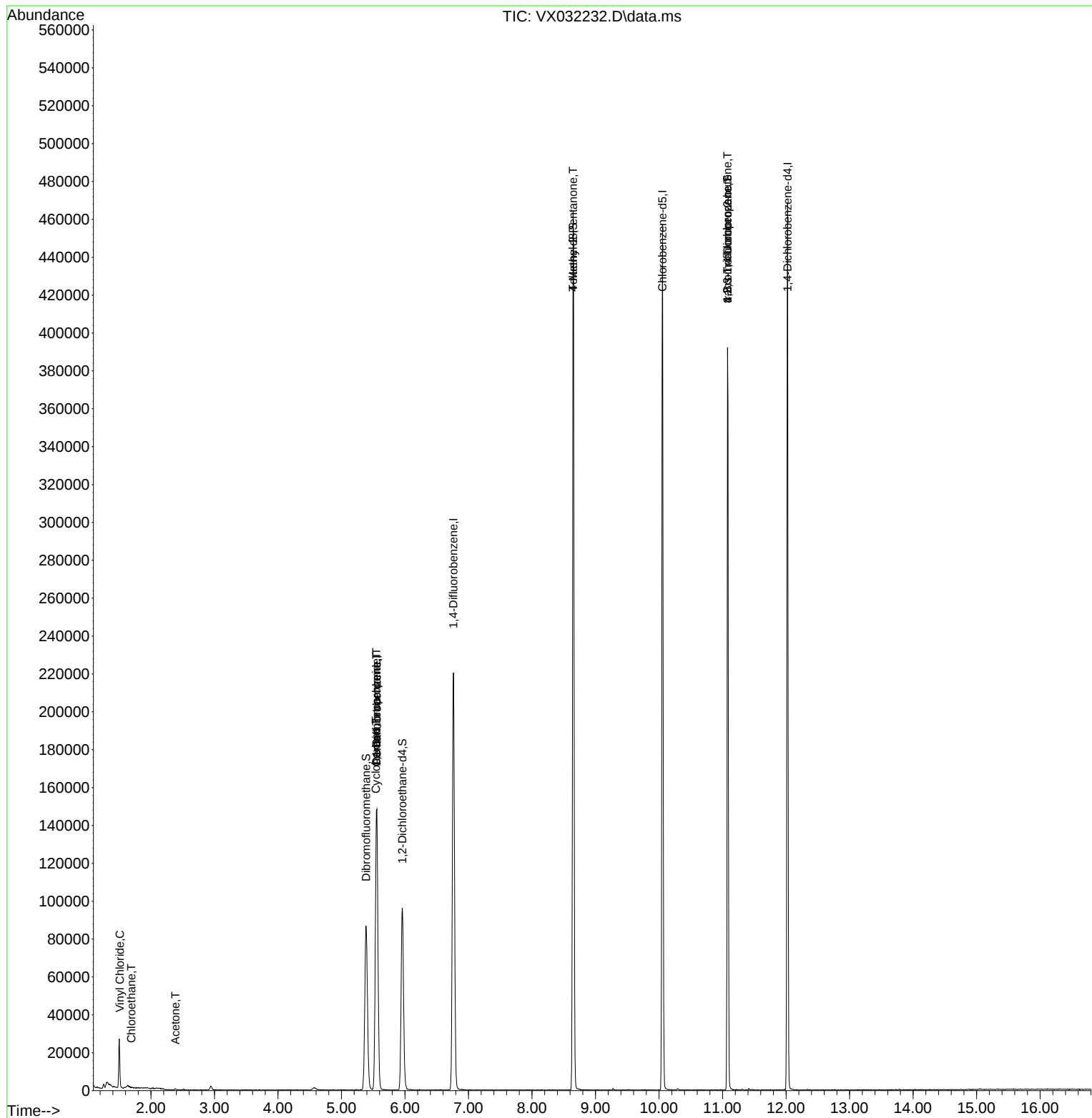
Internal Standards						
1) Pentafluorobenzene	5.556	168	140472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	223025	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	97811	53.525	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.040%	
35) Dibromofluoromethane	5.385	113	74839	48.222	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.440%	
50) Toluene-d8	8.647	98	276515	49.496	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.000%	
62) 4-Bromofluorobenzene	11.079	95	98750	48.272	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.540%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	271	Below Cal	#	44
4) Vinyl Chloride	1.508	62	487	0.352	ug/l #	64
6) Chloroethane	1.691	64	146	2.054	ug/l #	41
11) Tert butyl alcohol	2.947	59	1452	Below Cal	#	74
16) Acetone	2.386	43	746	1.258	ug/l	99
31) Cyclohexane	5.544	56	3015	1.443	ug/l #	11
36) 1,1-Dichloropropene	5.550	75	10836	5.428	ug/l #	50
38) Carbon Tetrachloride	5.550	117	14834	7.039	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	1334	0.694	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	54397	29.529	ug/l #	44
81) trans-1,4-Dichloro-2-b...	11.079	75	54397	90.407	ug/l #	6

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

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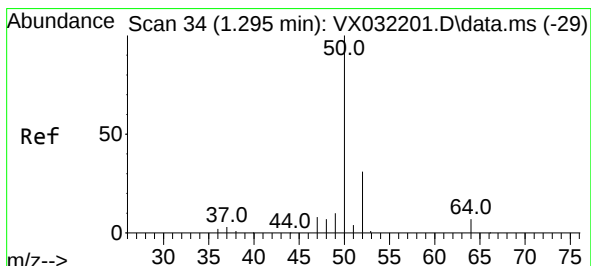
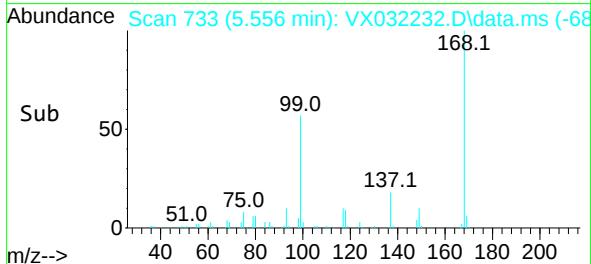
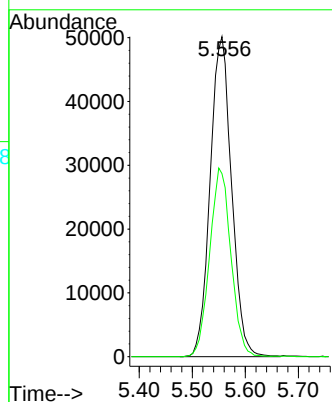
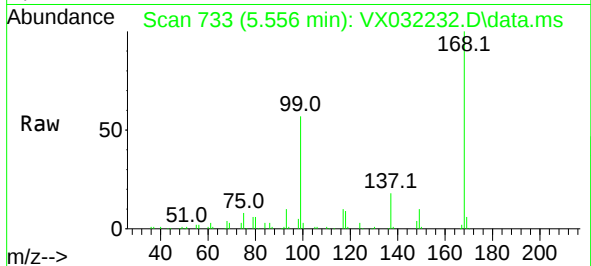




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032232.D
Acq: 20 Oct 2022 01:28

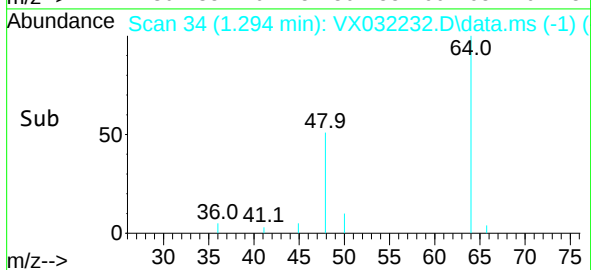
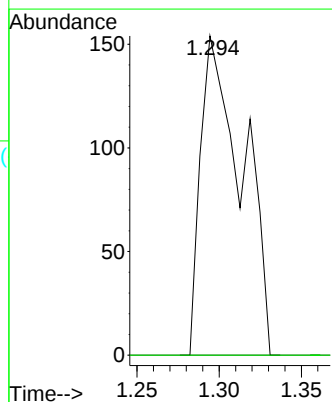
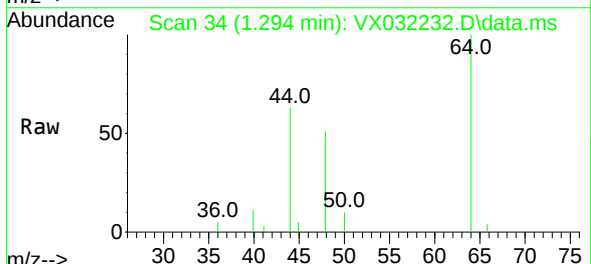
Instrument :
MSVOA_X
ClientSampleId :
5388-1

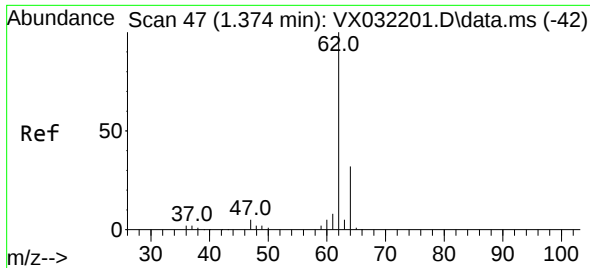
Tgt Ion:168 Resp: 140472
Ion Ratio Lower Upper
168 100
99 57.2 44.8 67.2



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX032232.D
Acq: 20 Oct 2022 01:28

Tgt Ion: 50 Resp: 271
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#

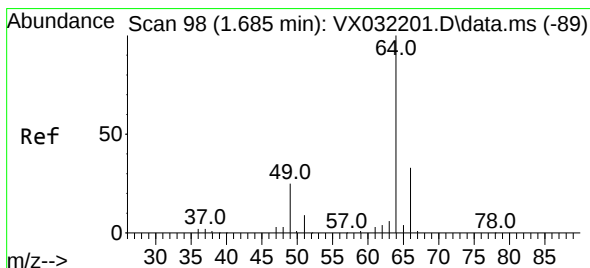
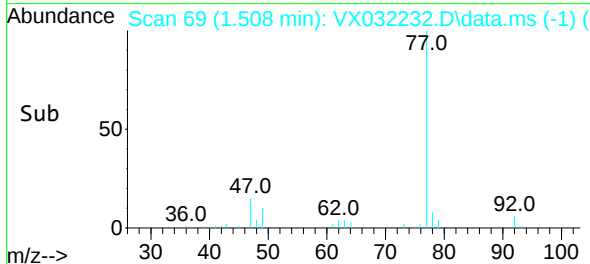
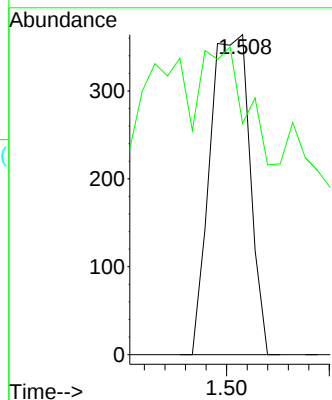
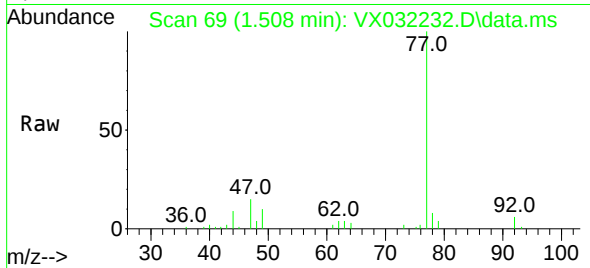




#4
 Vinyl Chloride
 Concen: 0.352 ug/l
 RT: 1.508 min Scan# 64
 Delta R.T. 0.134 min
 Lab File: VX032232.D
 Acq: 20 Oct 2022 01:28

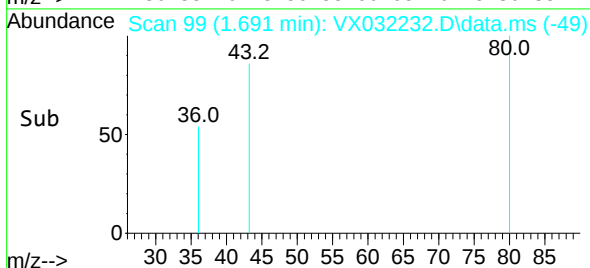
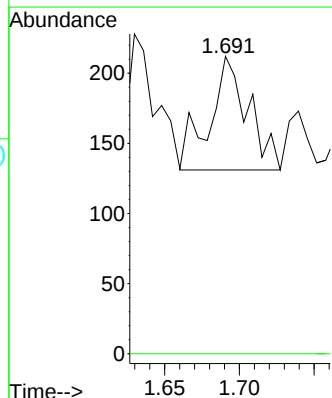
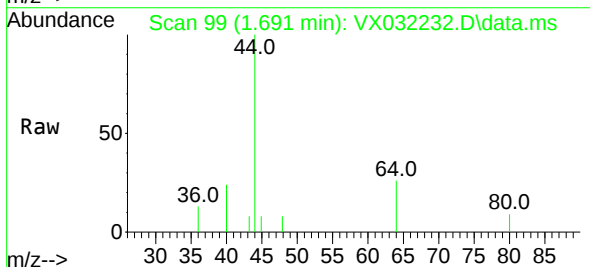
Instrument :
 MSVOA_X
 ClientSampleId :
 5388-1

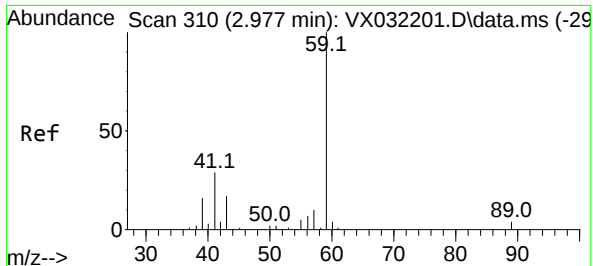
Tgt Ion: 62 Resp: 487
 Ion Ratio Lower Upper
 62 100
 64 12.6 26.6 39.8#



#6
 Chloroethane
 Concen: 2.054 ug/l
 RT: 1.691 min Scan# 99
 Delta R.T. 0.006 min
 Lab File: VX032232.D
 Acq: 20 Oct 2022 01:28

Tgt Ion: 64 Resp: 146
 Ion Ratio Lower Upper
 64 100
 66 0.0 26.6 39.8#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 30

Delta R.T. -0.030 min

Lab File: VX032232.D

Acq: 20 Oct 2022 01:28

Instrument :

MSVOA_X

ClientSampleId :

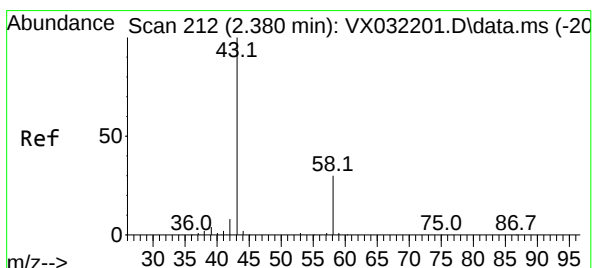
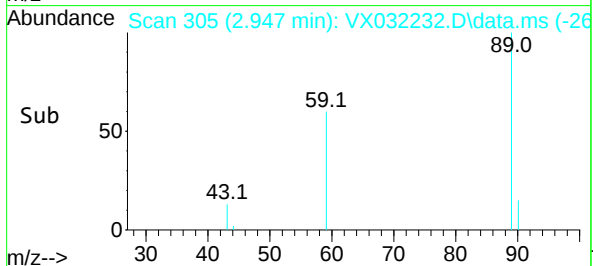
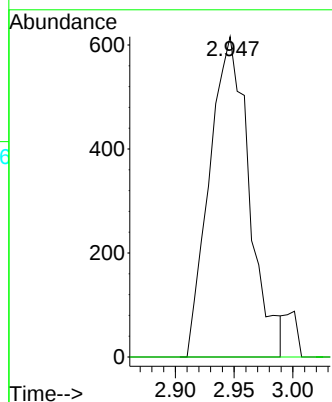
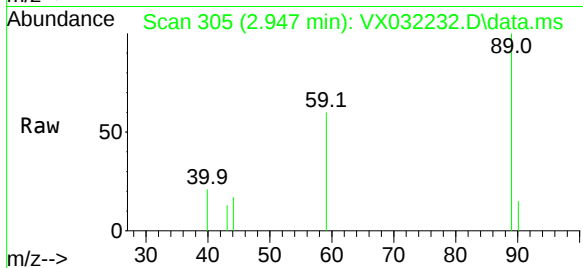
5388-1

Tgt Ion: 59 Resp: 1452

Ion Ratio Lower Upper

59 100

57 0.0 7.5 11.3#



#16

Acetone

Concen: 1.258 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX032232.D

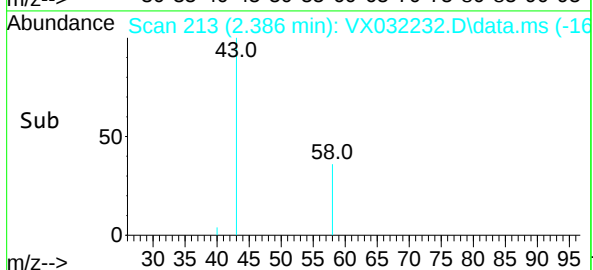
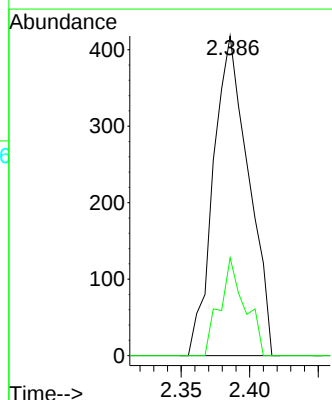
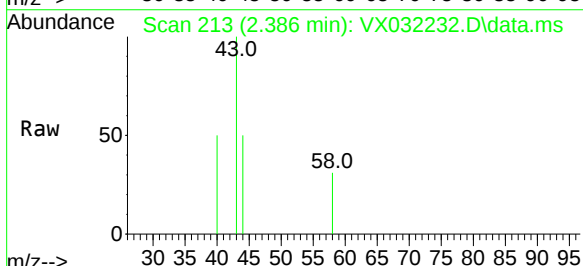
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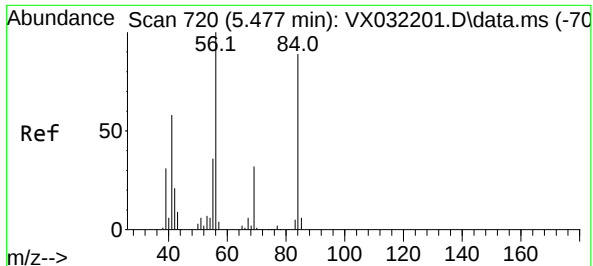
Tgt Ion: 43 Resp: 746

Ion Ratio Lower Upper

43 100

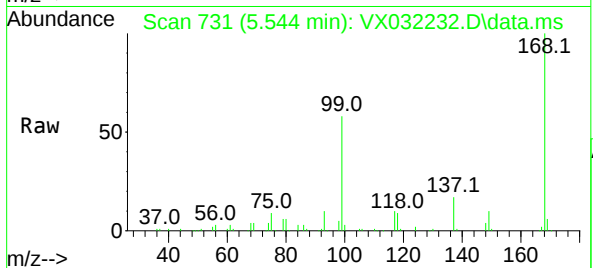
58 30.6 24.2 36.2



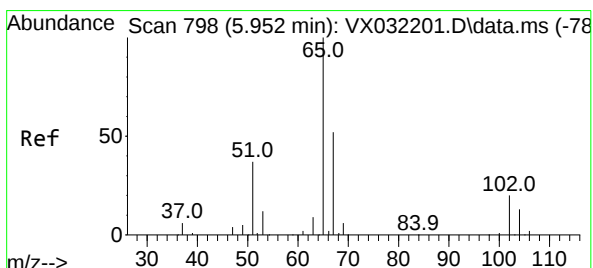
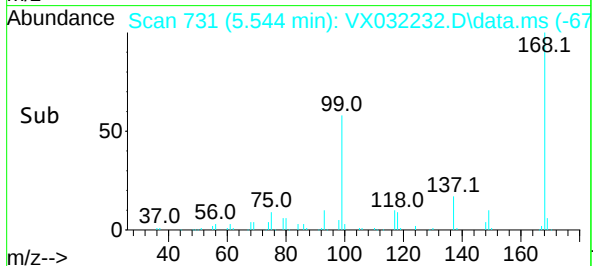
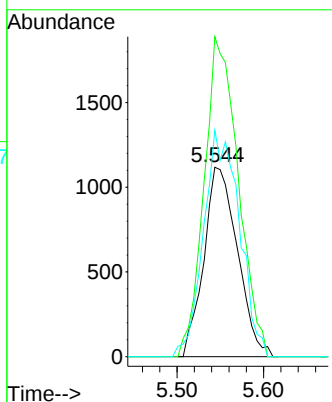


#31
Cyclohexane
Concen: 1.443 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.067 min
Lab File: VX032232.D
Acq: 20 Oct 2022 01:28

Instrument :
MSVOA_X
ClientSampleId :
5388-1

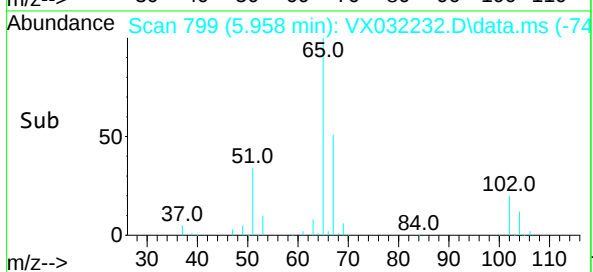
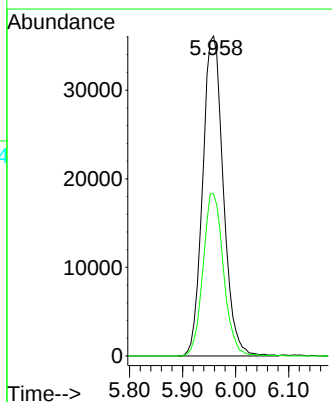
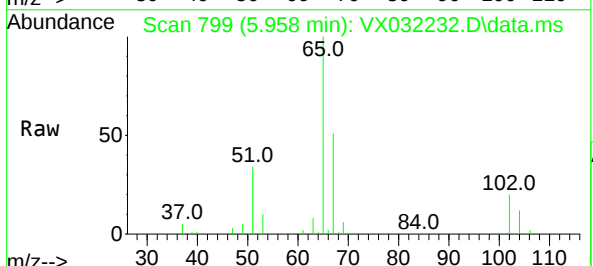


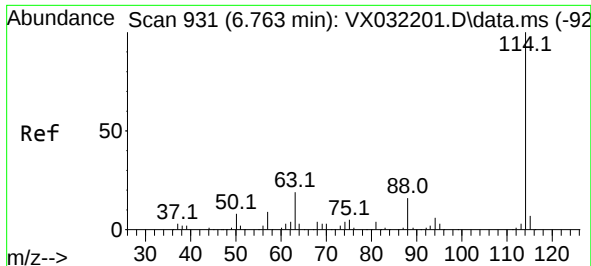
Tgt Ion: 56 Resp: 3015
Ion Ratio Lower Upper
56 100
69 169.0 25.4 38.0#
84 119.4 71.2 106.8#



#33
1,2-Dichloroethane-d4
Concen: 53.525 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032232.D
Acq: 20 Oct 2022 01:28

Tgt Ion: 65 Resp: 97811
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.6

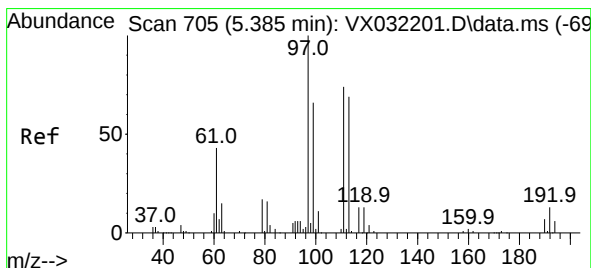
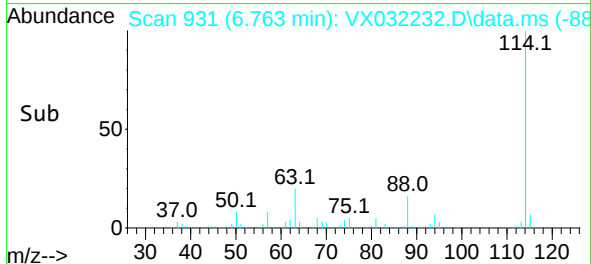
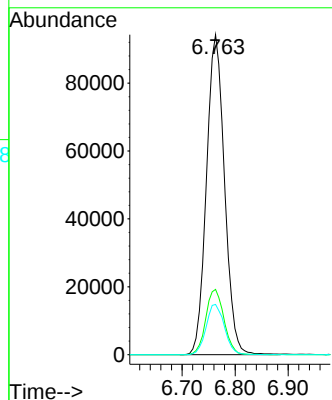
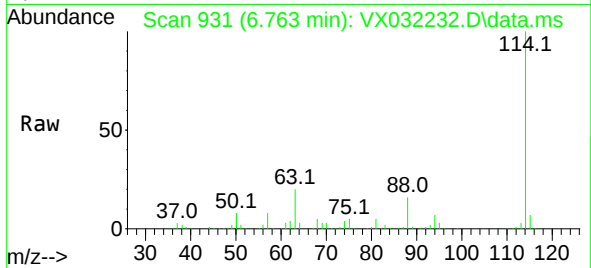




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032232.D
Acq: 20 Oct 2022 01:28

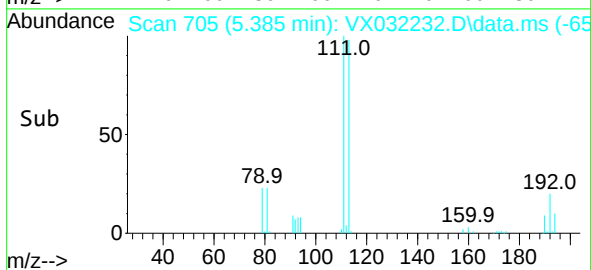
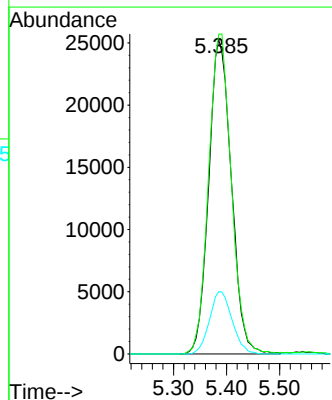
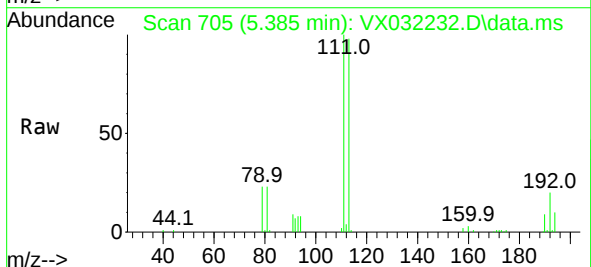
Instrument :
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ClientSampleId :
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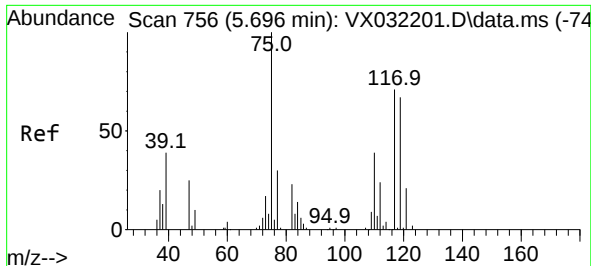
Tgt Ion:114 Resp: 223025
Ion Ratio Lower Upper
114 100
63 20.4 0.0 38.6
88 15.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.222 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032232.D
Acq: 20 Oct 2022 01:28

Tgt Ion:113 Resp: 74839
Ion Ratio Lower Upper
113 100
111 102.3 82.8 124.2
192 19.8 15.5 23.3

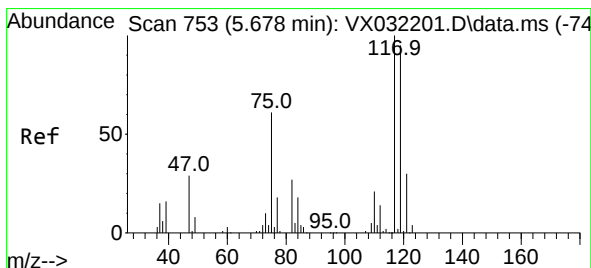
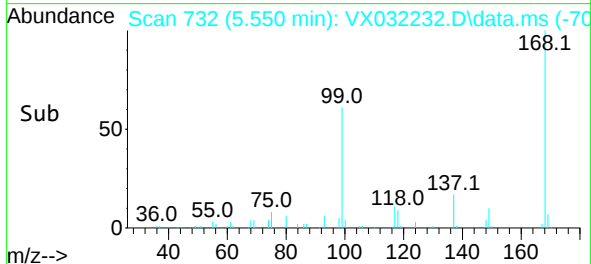
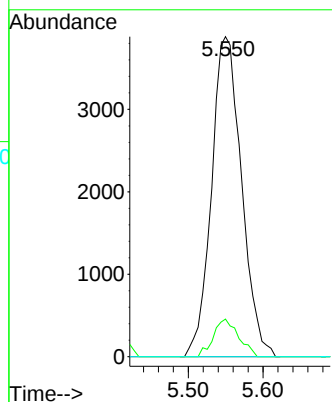
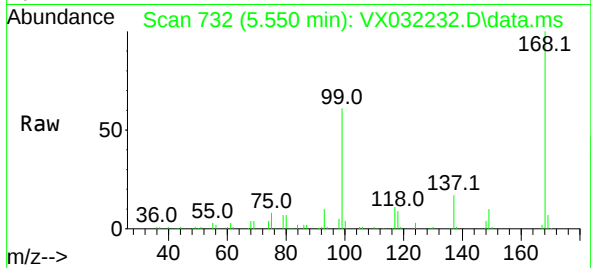




#36
1,1-Dichloropropene
Concen: 5.428 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX032232.D
Acq: 20 Oct 2022 01:28

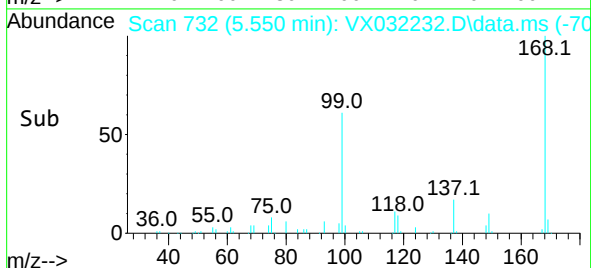
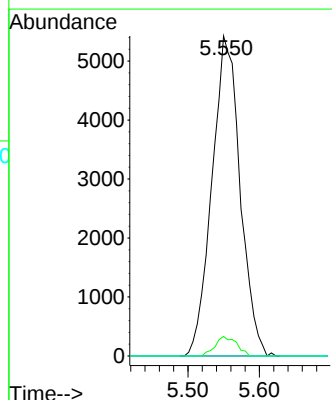
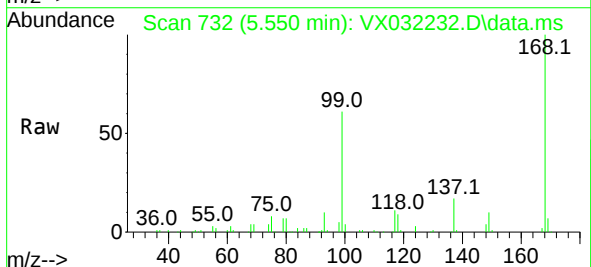
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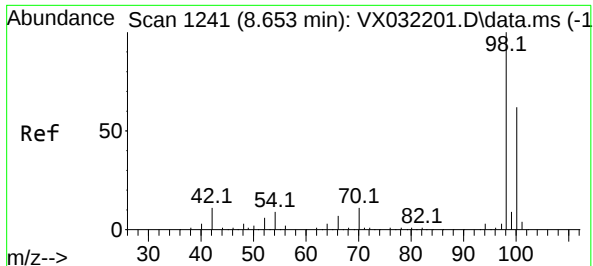
Tgt Ion: 75 Resp: 10836
Ion Ratio Lower Upper
75 100
110 9.8 18.4 55.0#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 7.039 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX032232.D
Acq: 20 Oct 2022 01:28

Tgt Ion: 117 Resp: 14834
Ion Ratio Lower Upper
117 100
119 6.1 75.4 113.0#
121 0.0 23.9 35.9#

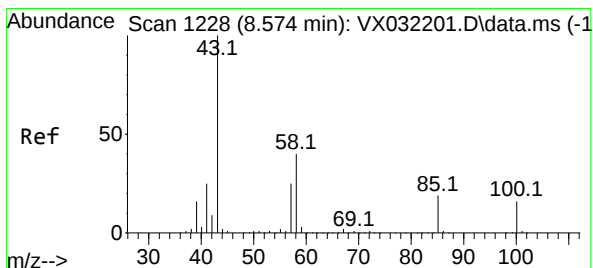
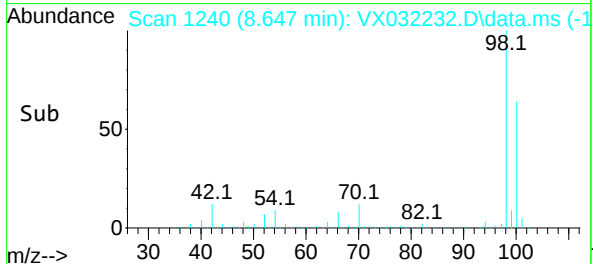
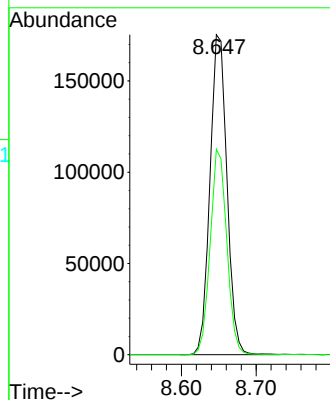
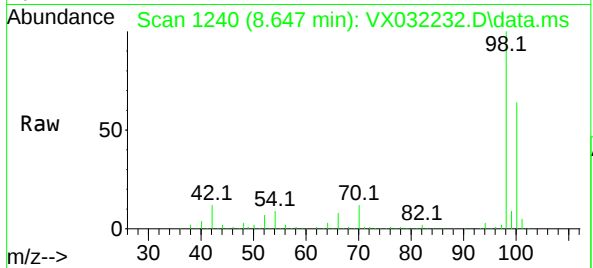




#50
Toluene-d8
Concen: 49.496 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032232.D
Acq: 20 Oct 2022 01:28

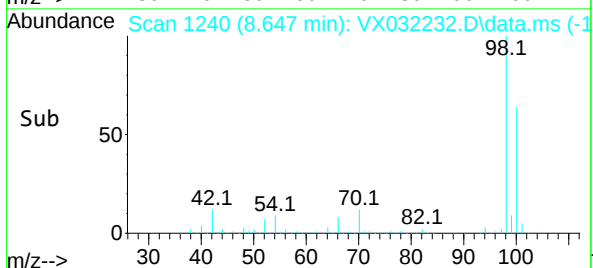
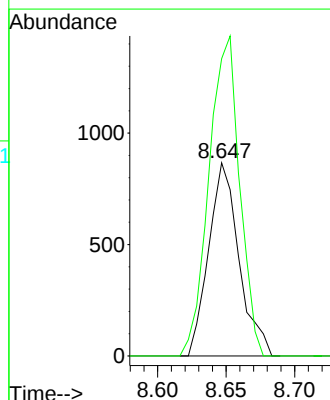
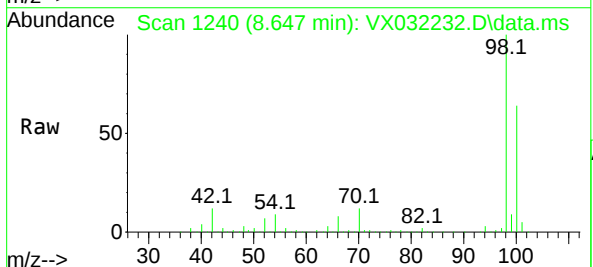
Instrument :
MSVOA_X
ClientSampleId :
5388-1

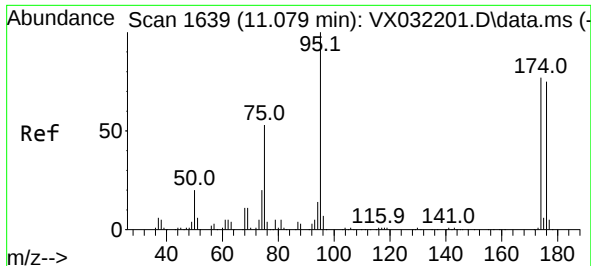
Tgt Ion: 98 Resp: 276515
Ion Ratio Lower Upper
98 100
100 62.8 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 0.694 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032232.D
Acq: 20 Oct 2022 01:28

Tgt Ion: 43 Resp: 1334
Ion Ratio Lower Upper
43 100
58 167.2 31.0 46.4#





#62

4-Bromofluorobenzene

Concen: 48.272 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032232.D

Acq: 20 Oct 2022 01:28

Instrument :

MSVOA_X

ClientSampleId :

5388-1

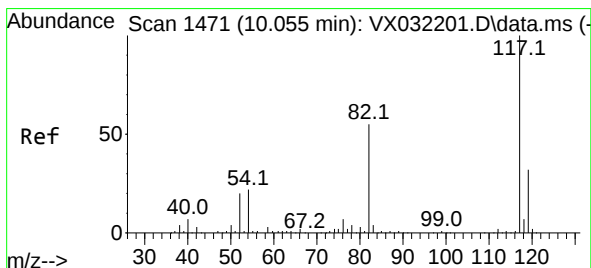
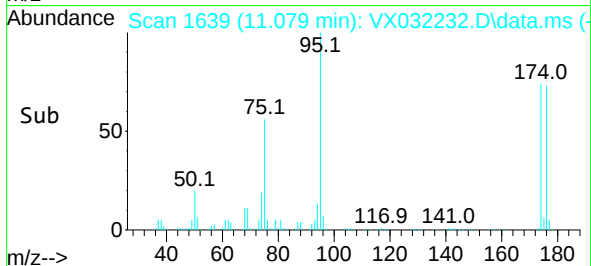
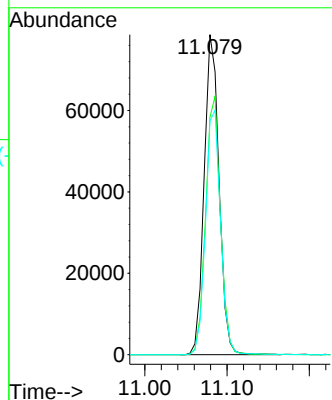
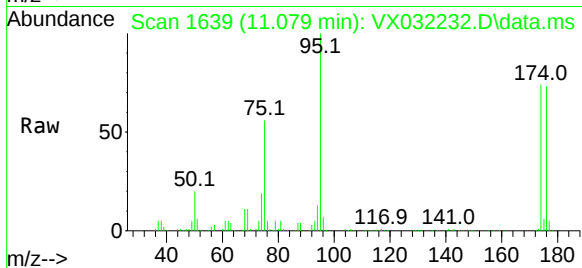
Tgt Ion: 95 Resp: 98750

Ion Ratio Lower Upper

95 100

174 80.7 0.0 166.8

176 77.5 0.0 161.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX032232.D

Acq: 20 Oct 2022 01:28

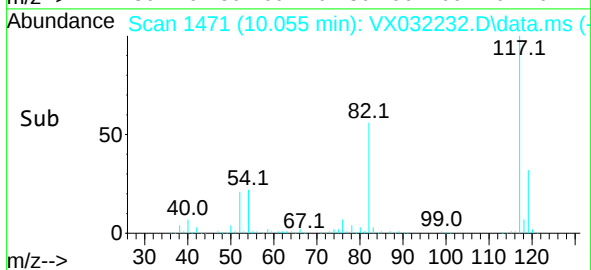
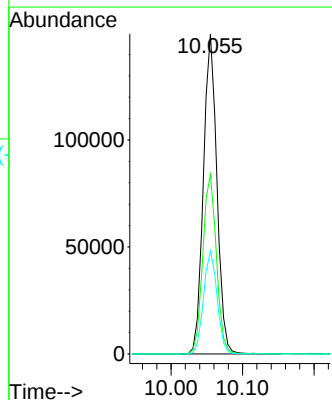
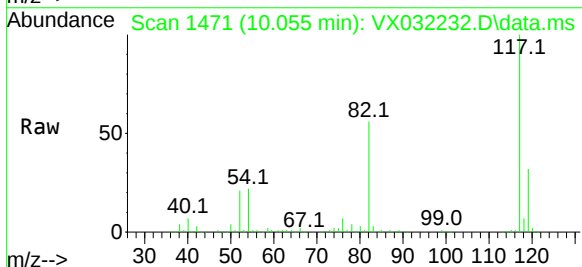
Tgt Ion: 117 Resp: 196265

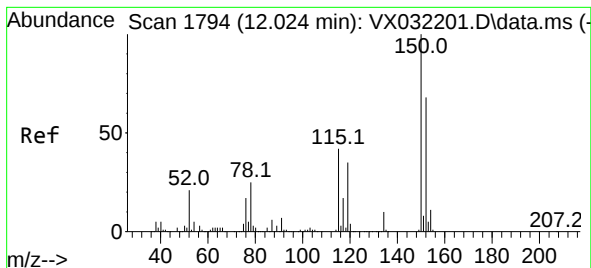
Ion Ratio Lower Upper

117 100

82 56.2 44.2 66.4

119 32.2 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032232.D

Acq: 20 Oct 2022 01:28

Instrument :

MSVOA_X

ClientSampleId :

5388-1

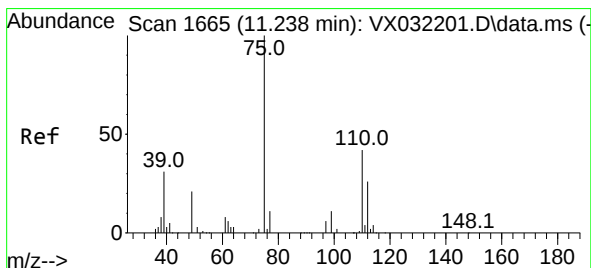
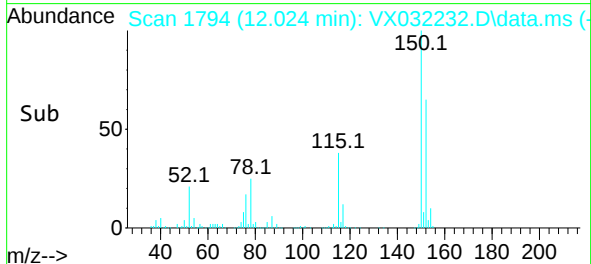
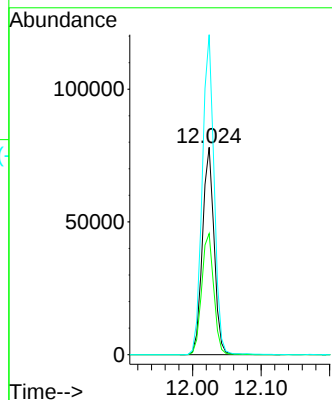
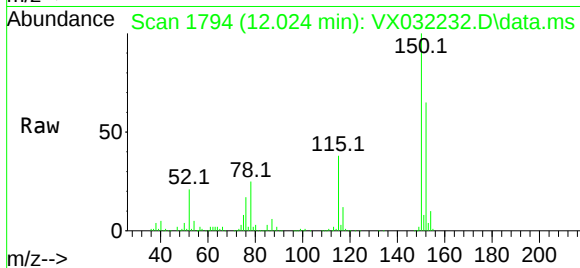
Tgt Ion:152 Resp: 92972

Ion Ratio Lower Upper

152 100

115 60.6 43.1 129.4

150 156.4 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 29.529 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX032232.D

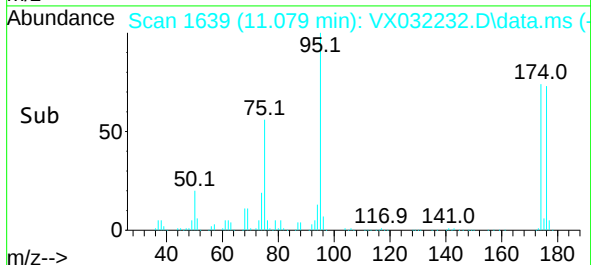
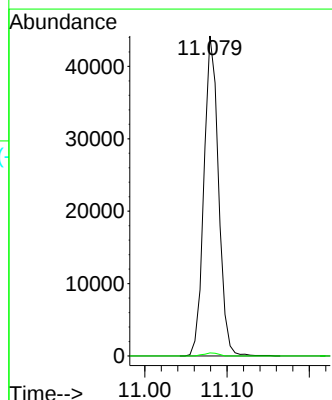
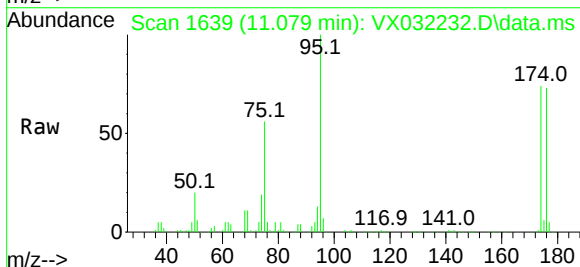
Acq: 20 Oct 2022 01:28

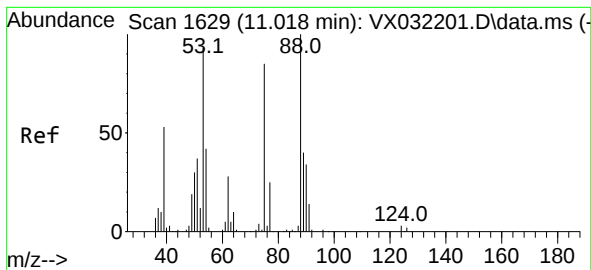
Tgt Ion: 75 Resp: 54397

Ion Ratio Lower Upper

75 100

77 1.0 16.0 47.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.407 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032232.D
 Acq: 20 Oct 2022 01:28

Instrument :
 MSVOA_X
 ClientSampleId :
 5388-1

Tgt Ion: 75 Resp: 54397
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.8 131.8#
 89 0.0 37.8 56.8#

