

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX031009.D
 Acq On : 01 Sep 2022 04:26
 Operator : JC/MD
 Sample : N4454-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-3B-49-54-083022-FD

Quant Time: Sep 06 02:32:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

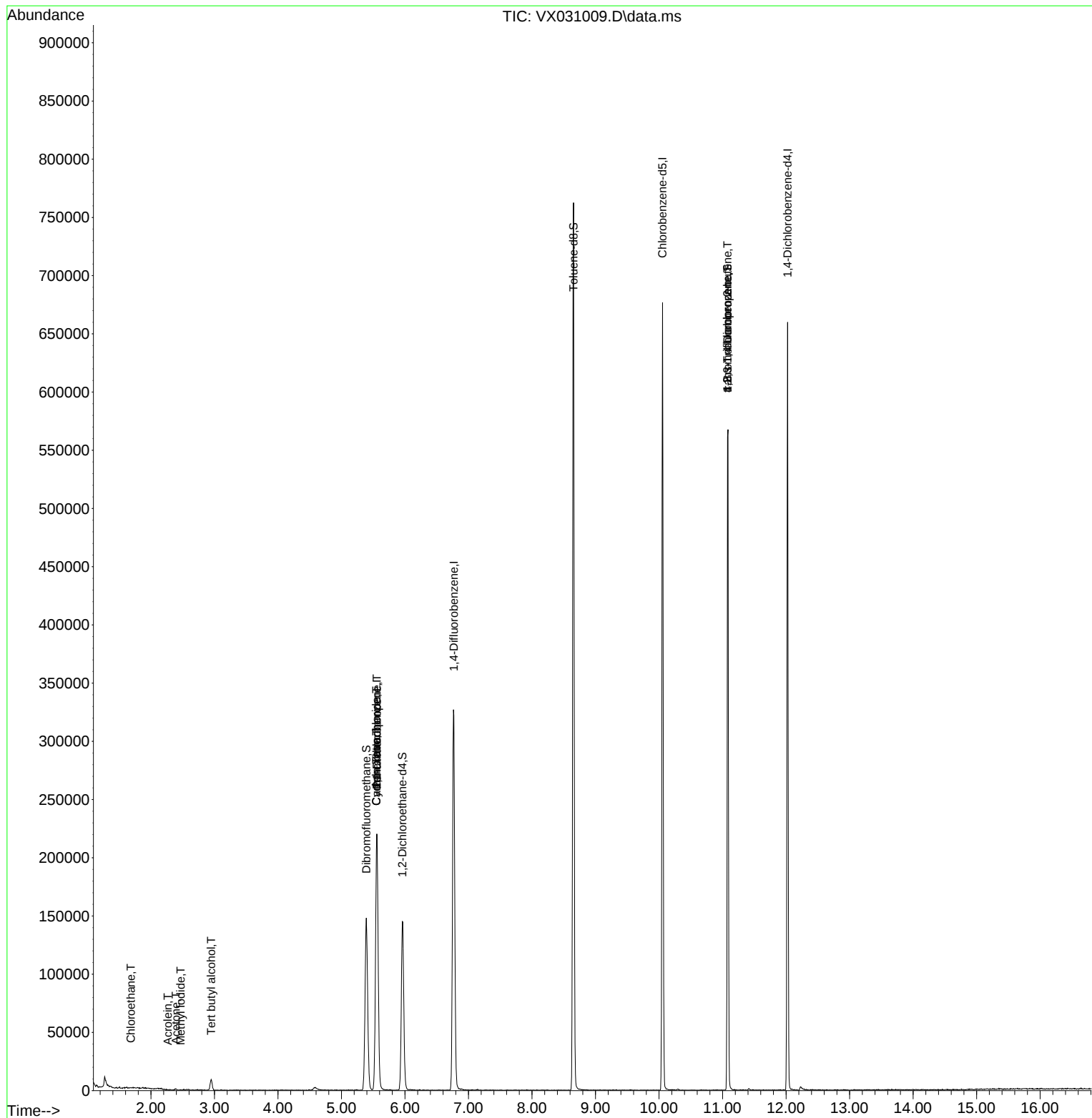
Internal Standards						
1) Pentafluorobenzene	5.556	168	221087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	365731	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	324493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	140363	44.264	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.520%		
35) Dibromofluoromethane	5.391	113	132480	49.140	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.280%		
50) Toluene-d8	8.653	98	481904	48.267	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.540%		
62) 4-Bromofluorobenzene	11.079	95	160640	45.182	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.360%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	249	Below Cal	#	79
6) Chloroethane	1.685	64	613	0.366	ug/l #	41
10) Methyl Iodide	2.465	142	244	4.464	ug/l #	70
11) Tert butyl alcohol	2.947	59	4915	6.542	ug/l #	77
13) Acrolein	2.264	56	57	7.419	ug/l #	14
16) Acetone	2.392	43	838	0.586	ug/l	95
31) Cyclohexane	5.550	56	3637	0.775	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	16083	4.014	ug/l #	49
38) Carbon Tetrachloride	5.550	117	20971	5.497	ug/l #	19
76) 1,2,3-Trichloropropane	11.079	75	73165	21.112	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	73165	62.769	ug/l #	12

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

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Quant Title : SW846 8260
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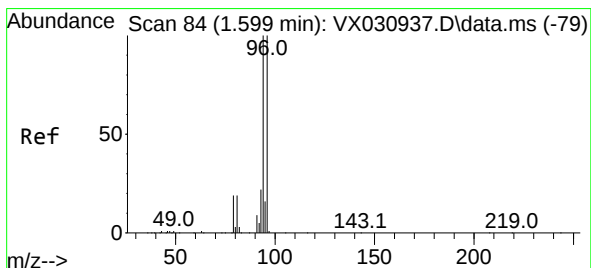
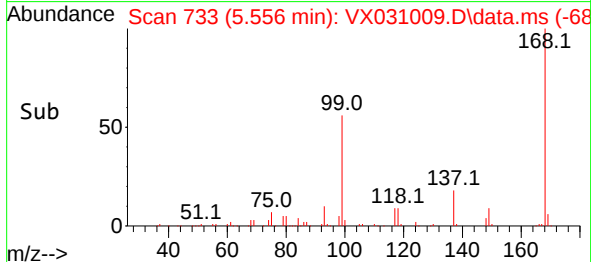
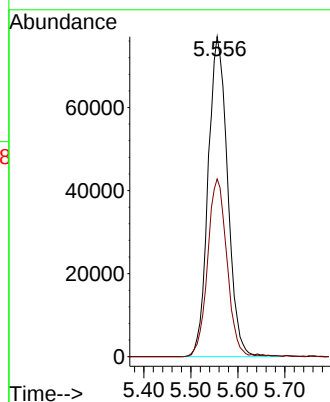
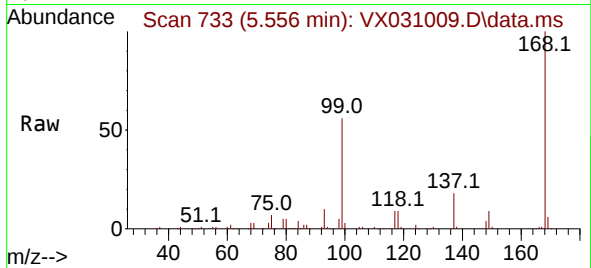




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031009.D
Acq: 01 Sep 2022 04:26

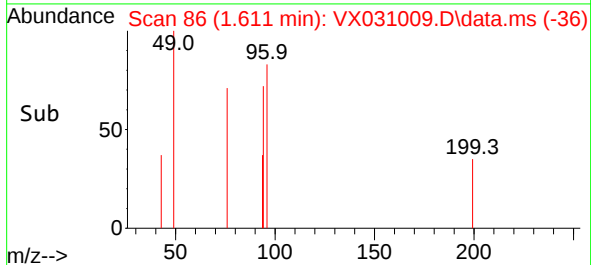
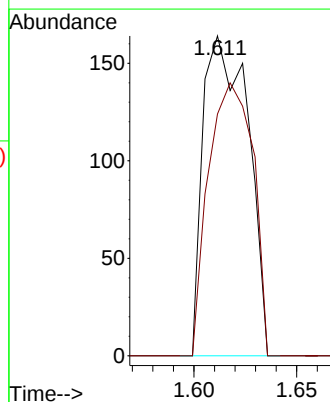
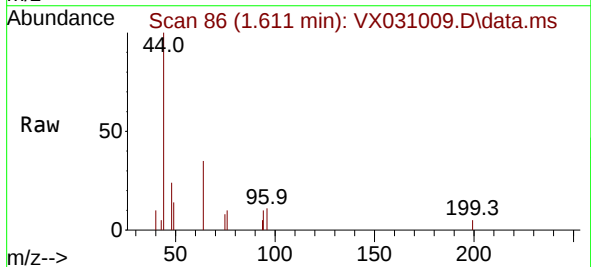
Instrument :
MSVOA_X
ClientSampleId :
OW-3B-49-54-083022-FD

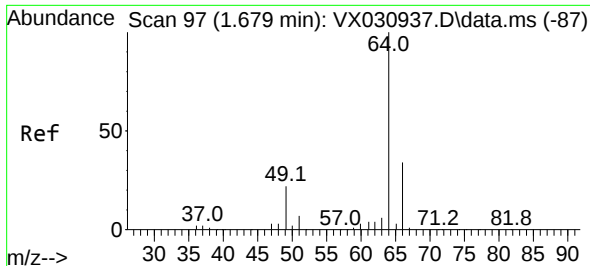
Tgt Ion:168 Resp: 221087
Ion Ratio Lower Upper
168 100
99 55.5 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.006 min
Lab File: VX031009.D
Acq: 01 Sep 2022 04:26

Tgt Ion: 94 Resp: 249
Ion Ratio Lower Upper
94 100
96 75.6 76.9 115.3#

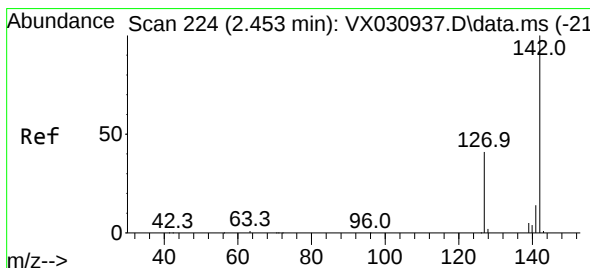
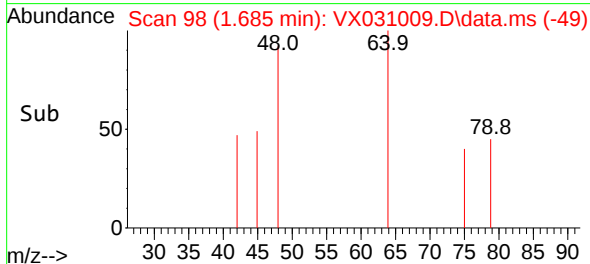
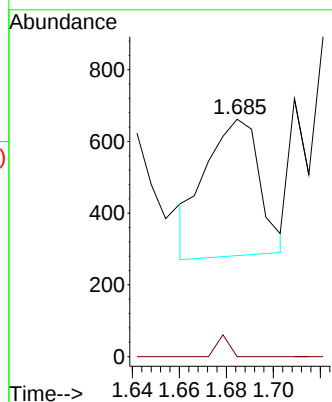
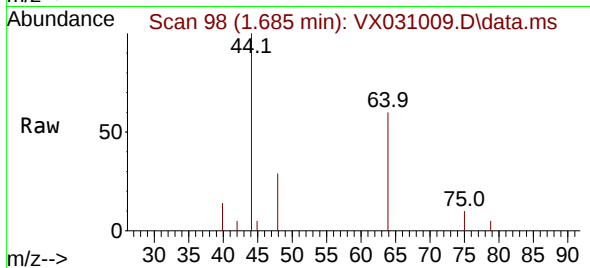




#6
Chloroethane
Concen: 0.366 ug/l
RT: 1.685 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031009.D
Acq: 01 Sep 2022 04:26

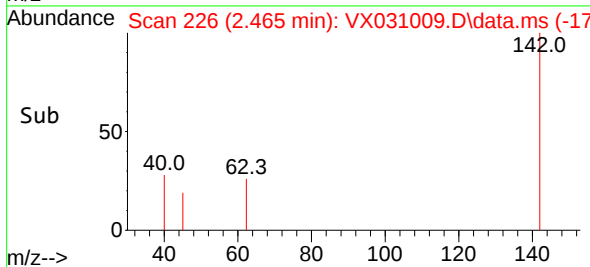
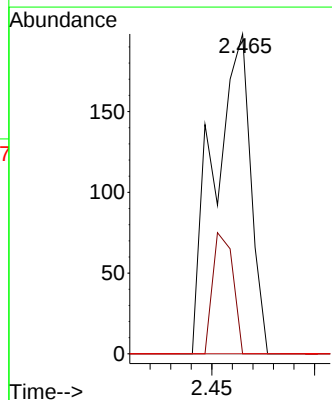
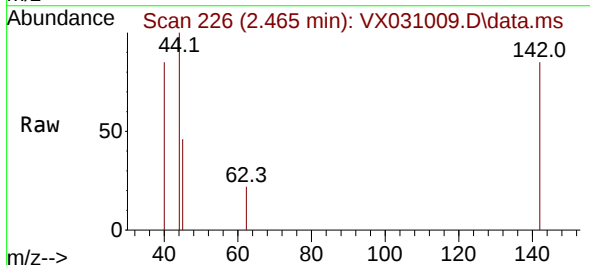
Instrument :
MSVOA_X
ClientSampleId :
OW-3B-49-54-083022-FD

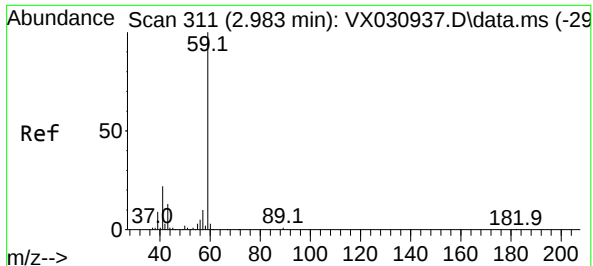
Tgt Ion: 64 Resp: 613
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#10
Methyl Iodide
Concen: 4.464 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX031009.D
Acq: 01 Sep 2022 04:26

Tgt Ion: 142 Resp: 244
Ion Ratio Lower Upper
142 100
127 20.9 30.2 45.2#
141 0.0 11.3 16.9#





#11

Tert butyl alcohol

Concen: 6.542 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.042 min

Lab File: VX031009.D

Acq: 01 Sep 2022 04:26

Instrument :

MSVOA_X

ClientSampleId :

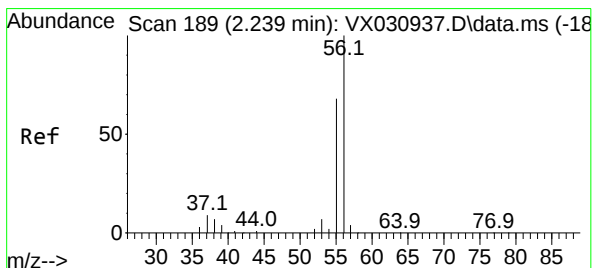
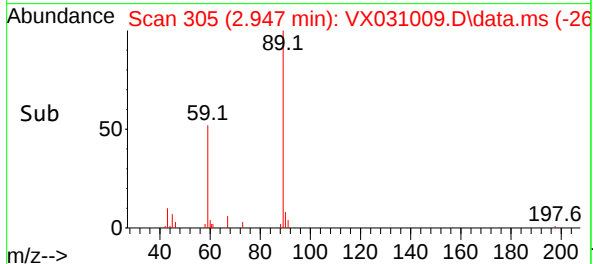
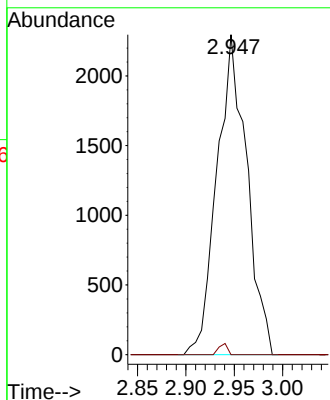
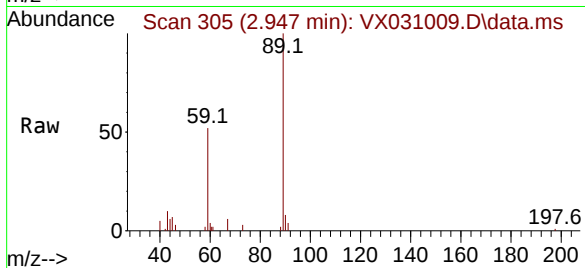
OW-3B-49-54-083022-FD

Tgt Ion: 59 Resp: 4915

Ion Ratio Lower Upper

59 100

57 1.0 7.4 11.2#



#13

Acrolein

Concen: 7.419 ug/l

RT: 2.264 min Scan# 193

Delta R.T. 0.025 min

Lab File: VX031009.D

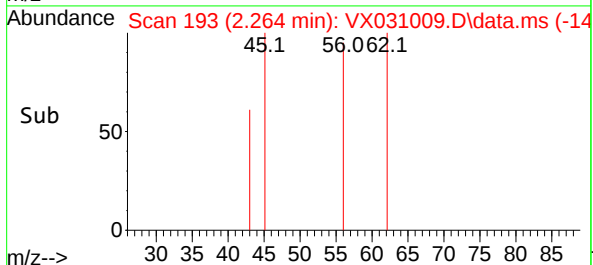
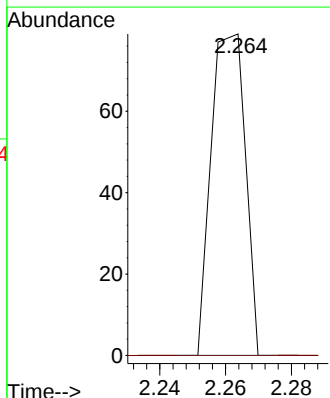
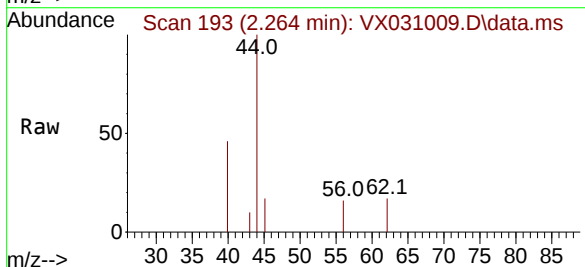
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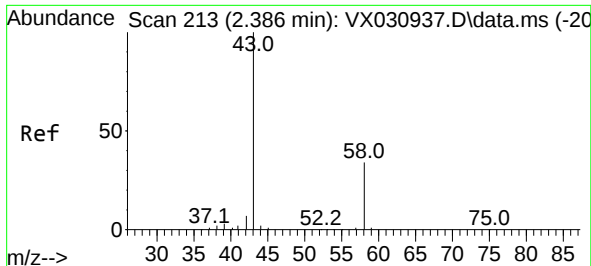
Tgt Ion: 56 Resp: 57

Ion Ratio Lower Upper

56 100

55 0.0 56.6 84.8#

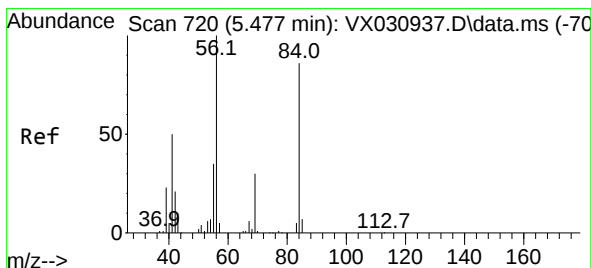
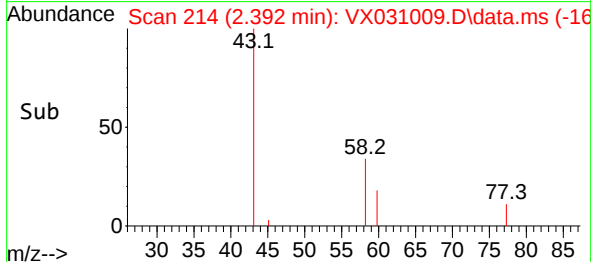
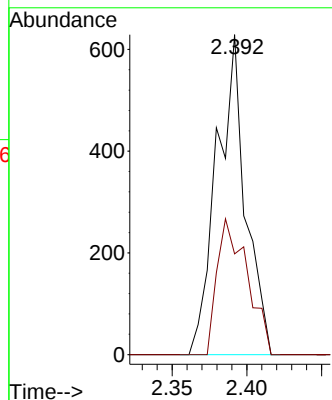
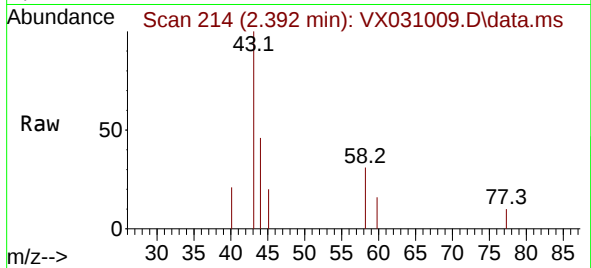




#16
Acetone
Concen: 0.586 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX031009.D
Acq: 01 Sep 2022 04:26

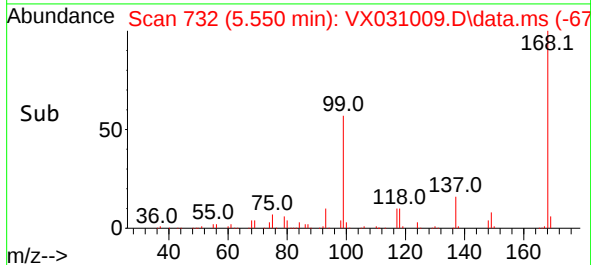
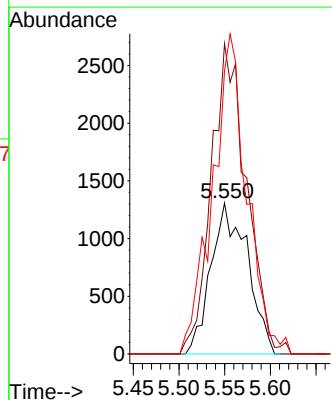
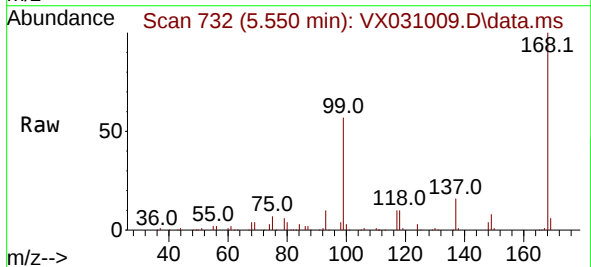
Instrument :
MSVOA_X
ClientSampleId :
OW-3B-49-54-083022-FD

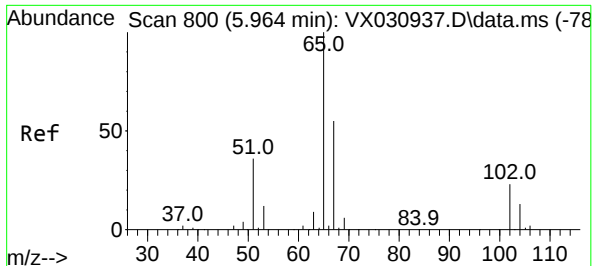
Tgt Ion: 43 Resp: 838
Ion Ratio Lower Upper
43 100
58 31.5 27.7 41.5



#31
Cyclohexane
Concen: 0.775 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX031009.D
Acq: 01 Sep 2022 04:26

Tgt Ion: 56 Resp: 3637
Ion Ratio Lower Upper
56 100
69 205.5 25.4 38.0#
84 187.4 68.9 103.3#

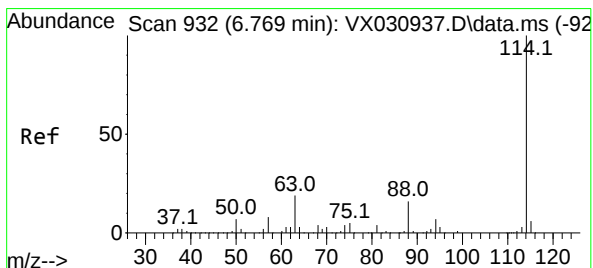
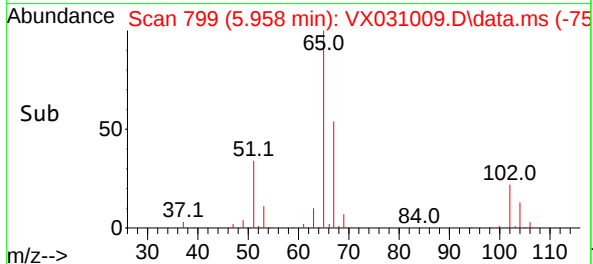
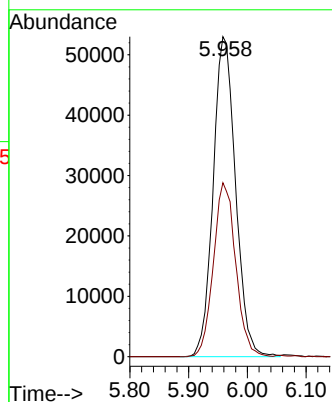
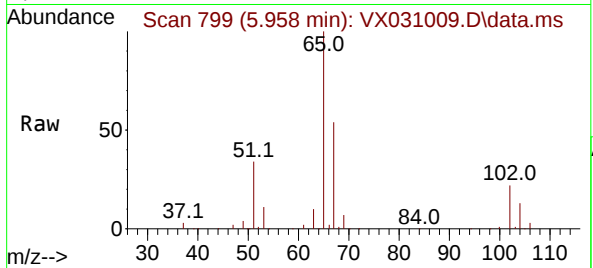




#33
 1,2-Dichloroethane-d4
 Concen: 44.264 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX031009.D
 Acq: 01 Sep 2022 04:26

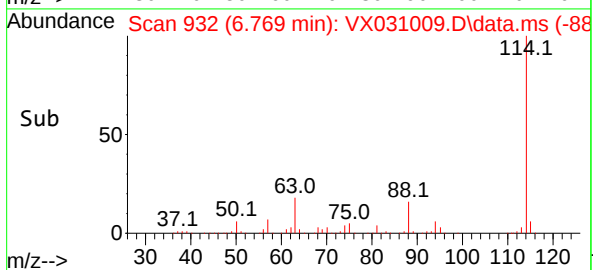
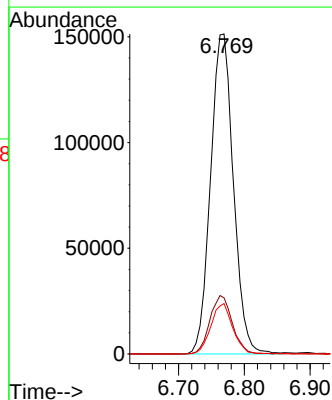
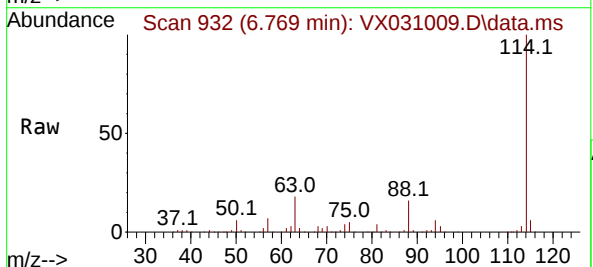
Instrument :
 MSVOA_X
 ClientSampleId :
 OW-3B-49-54-083022-FD

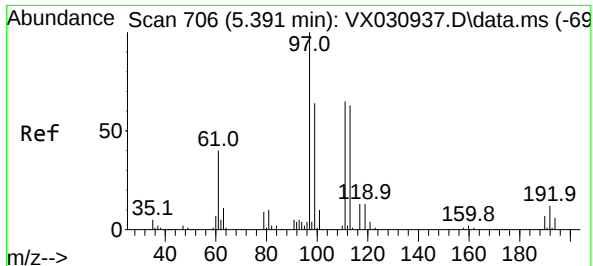
Tgt Ion: 65 Resp: 140363
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX031009.D
 Acq: 01 Sep 2022 04:26

Tgt Ion: 114 Resp: 365731
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 38.4
 88 15.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.140 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031009.D

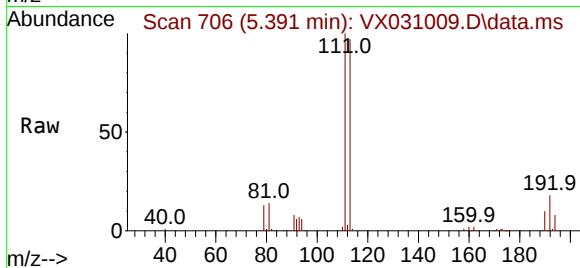
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Instrument :

MSVOA_X

ClientSampleId :

OW-3B-49-54-083022-FD



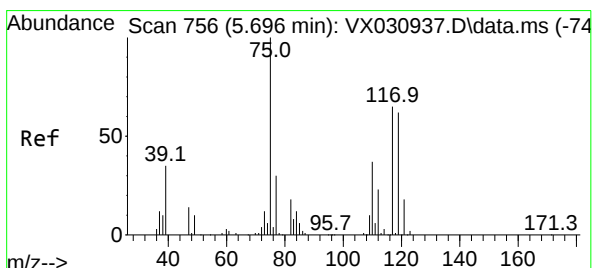
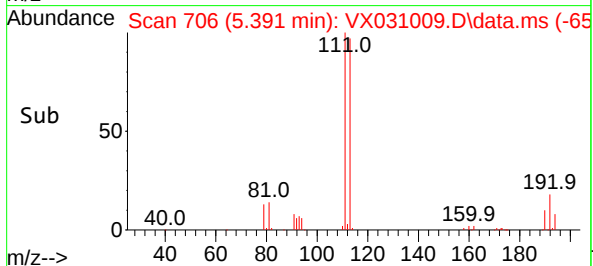
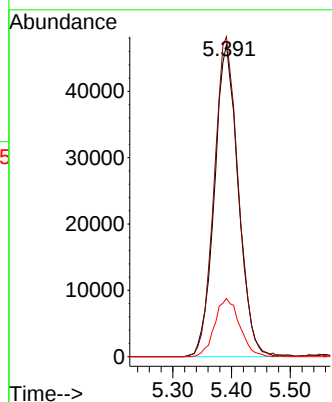
Tgt Ion:113 Resp: 132480

Ion Ratio Lower Upper

113 100

111 103.8 83.2 124.8

192 19.5 14.8 22.2



#36

1,1-Dichloropropene

Concen: 4.014 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX031009.D

Acq: 01 Sep 2022 04:26

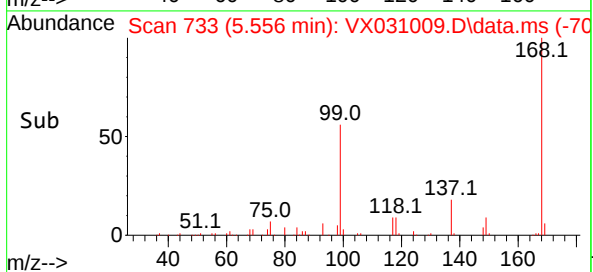
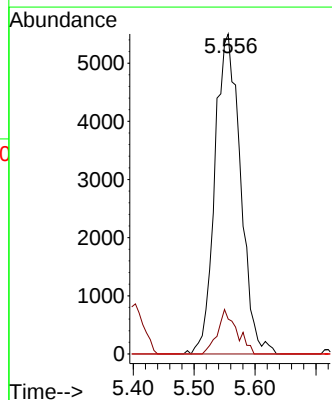
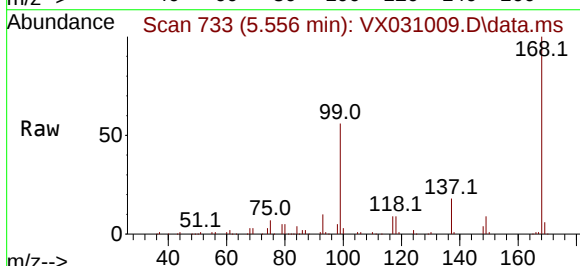
Tgt Ion: 75 Resp: 16083

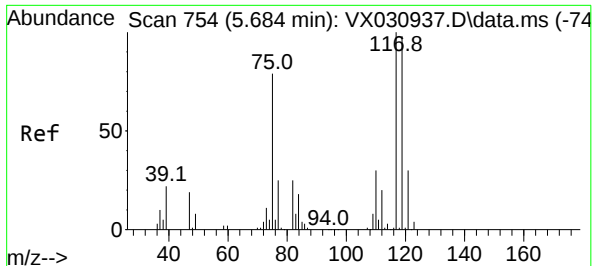
Ion Ratio Lower Upper

75 100

110 10.5 19.3 57.9#

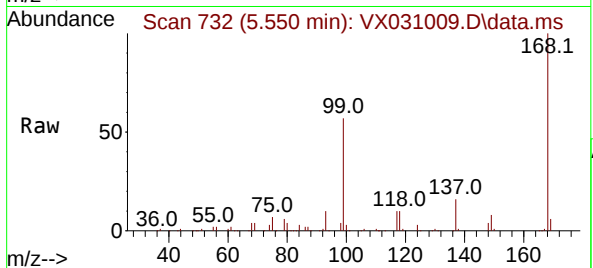
77 0.0 24.4 36.6#



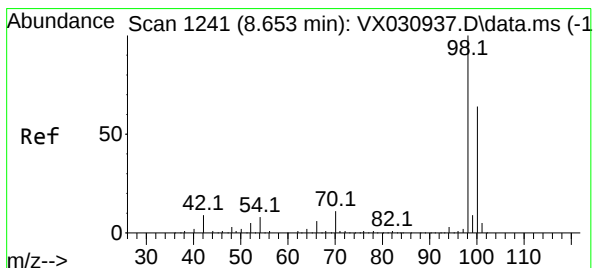
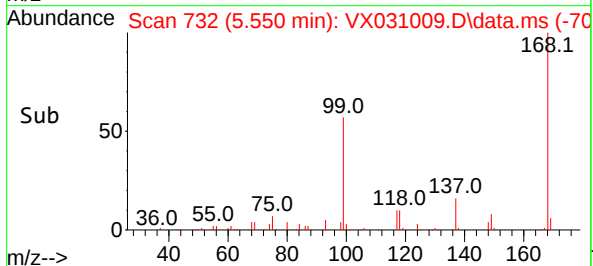
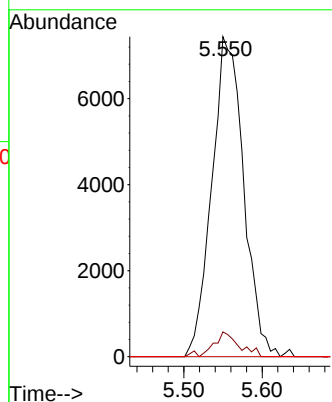


#38
Carbon Tetrachloride
Concen: 5.497 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX031009.D
Acq: 01 Sep 2022 04:26

Instrument :
MSVOA_X
ClientSampleId :
OW-3B-49-54-083022-FD

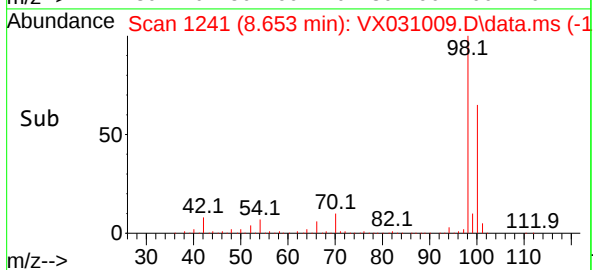
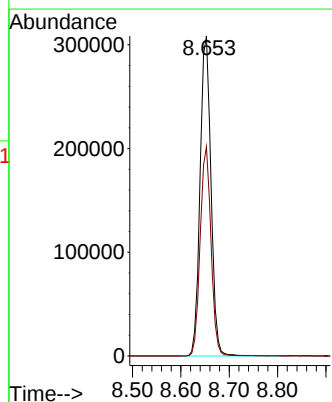
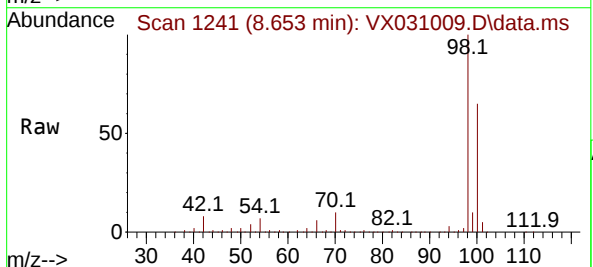


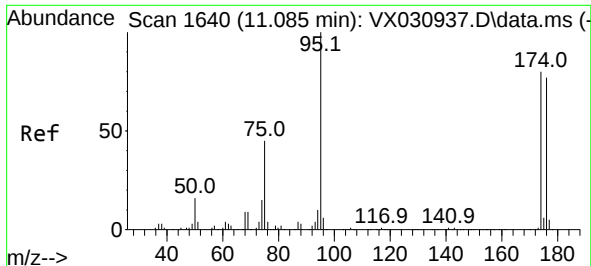
Tgt Ion:117 Resp: 20971
Ion Ratio Lower Upper
117 100
119 7.7 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 48.267 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031009.D
Acq: 01 Sep 2022 04:26

Tgt Ion: 98 Resp: 481904
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5

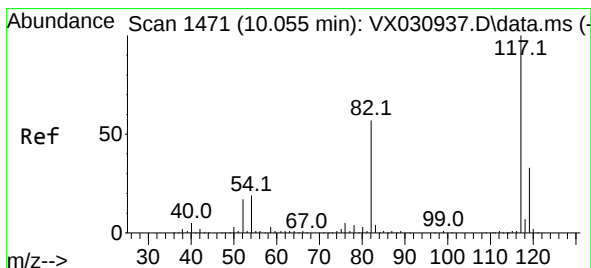
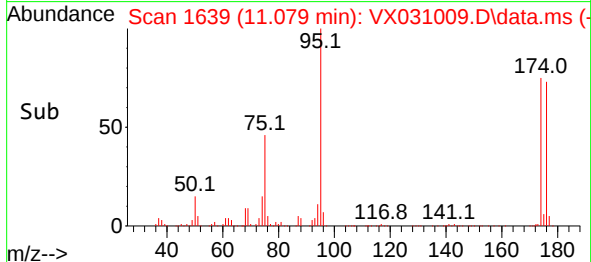
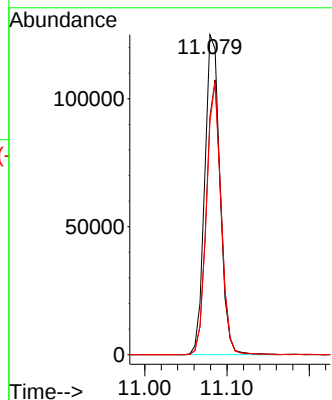
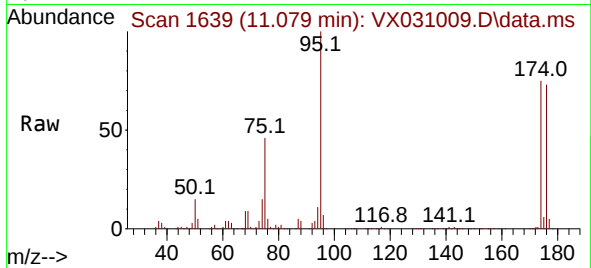




#62
4-Bromofluorobenzene
Concen: 45.182 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX031009.D
Acq: 01 Sep 2022 04:26

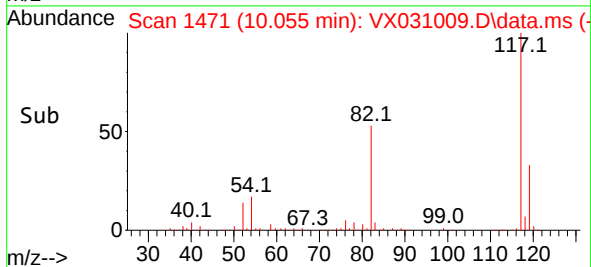
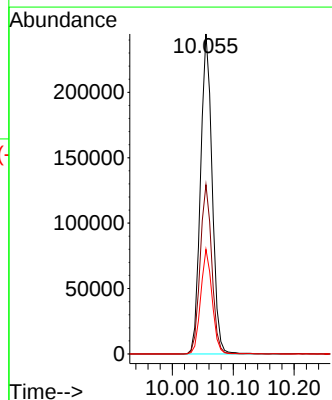
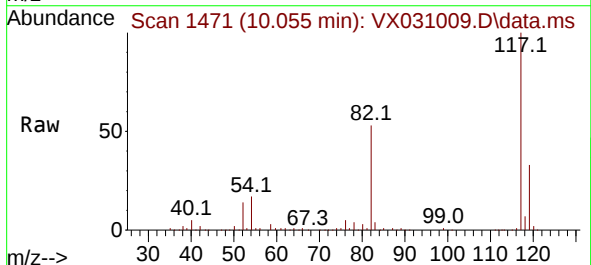
Instrument :
MSVOA_X
ClientSampleId :
OW-3B-49-54-083022-FD

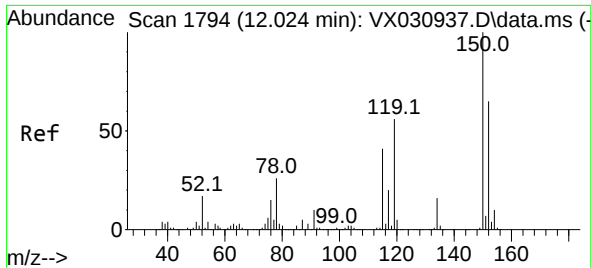
Tgt Ion: 95 Resp: 160640
Ion Ratio Lower Upper
95 100
174 82.9 0.0 149.0
176 80.9 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031009.D
Acq: 01 Sep 2022 04:26

Tgt Ion: 117 Resp: 324493
Ion Ratio Lower Upper
117 100
82 52.9 42.7 64.1
119 32.7 25.4 38.2

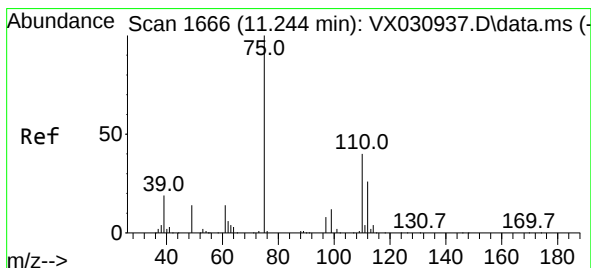
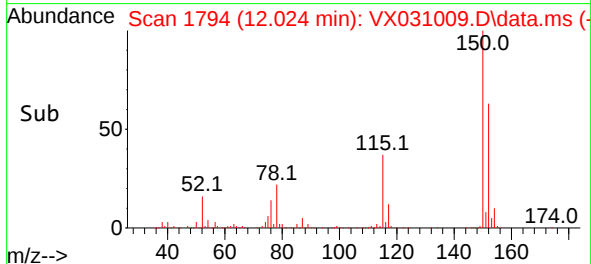
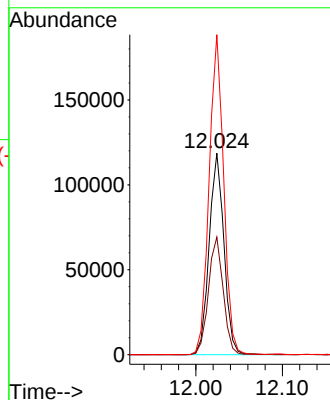
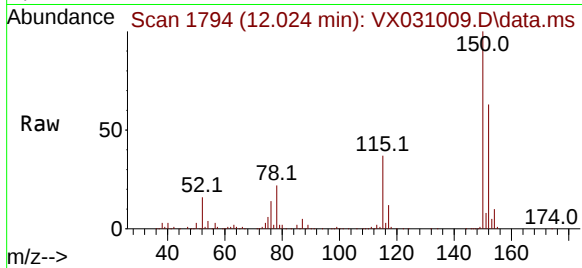




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031009.D
 Acq: 01 Sep 2022 04:26

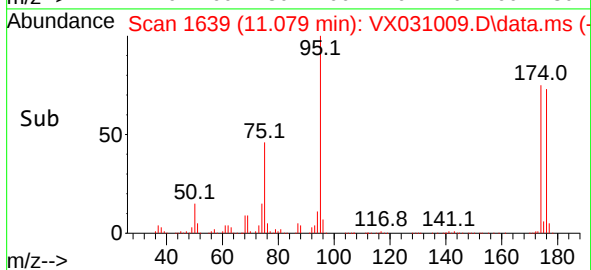
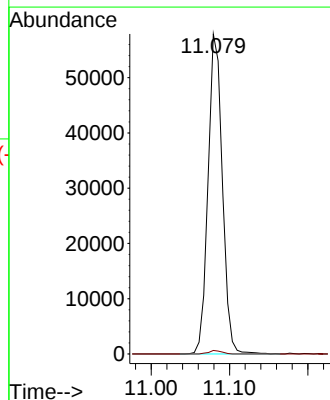
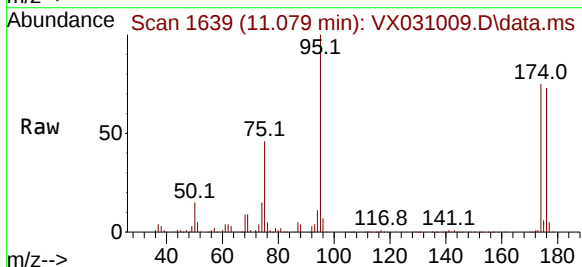
Instrument :
 MSVOA_X
 ClientSampleId :
 OW-3B-49-54-083022-FD

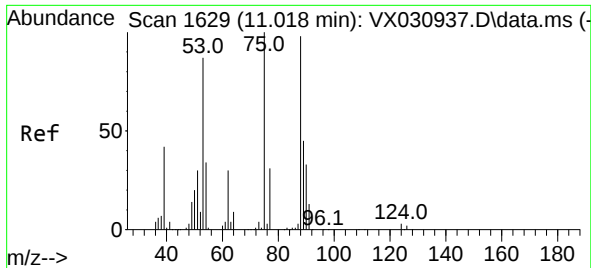
Tgt Ion:152 Resp: 140770
 Ion Ratio Lower Upper
 152 100
 115 58.4 40.5 121.5
 150 156.1 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 21.112 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX031009.D
 Acq: 01 Sep 2022 04:26

Tgt Ion: 75 Resp: 73165
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.769 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.055 min
 Lab File: VX031009.D
 Acq: 01 Sep 2022 04:26

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-3B-49-54-083022-FD

Tgt Ion: 75 Resp: 73165
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

