

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100322\
 Data File : VX031842.D
 Acq On : 03 Oct 2022 18:39
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 04 07:08:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 06:59:30 2022
 Response via : Initial Calibration

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

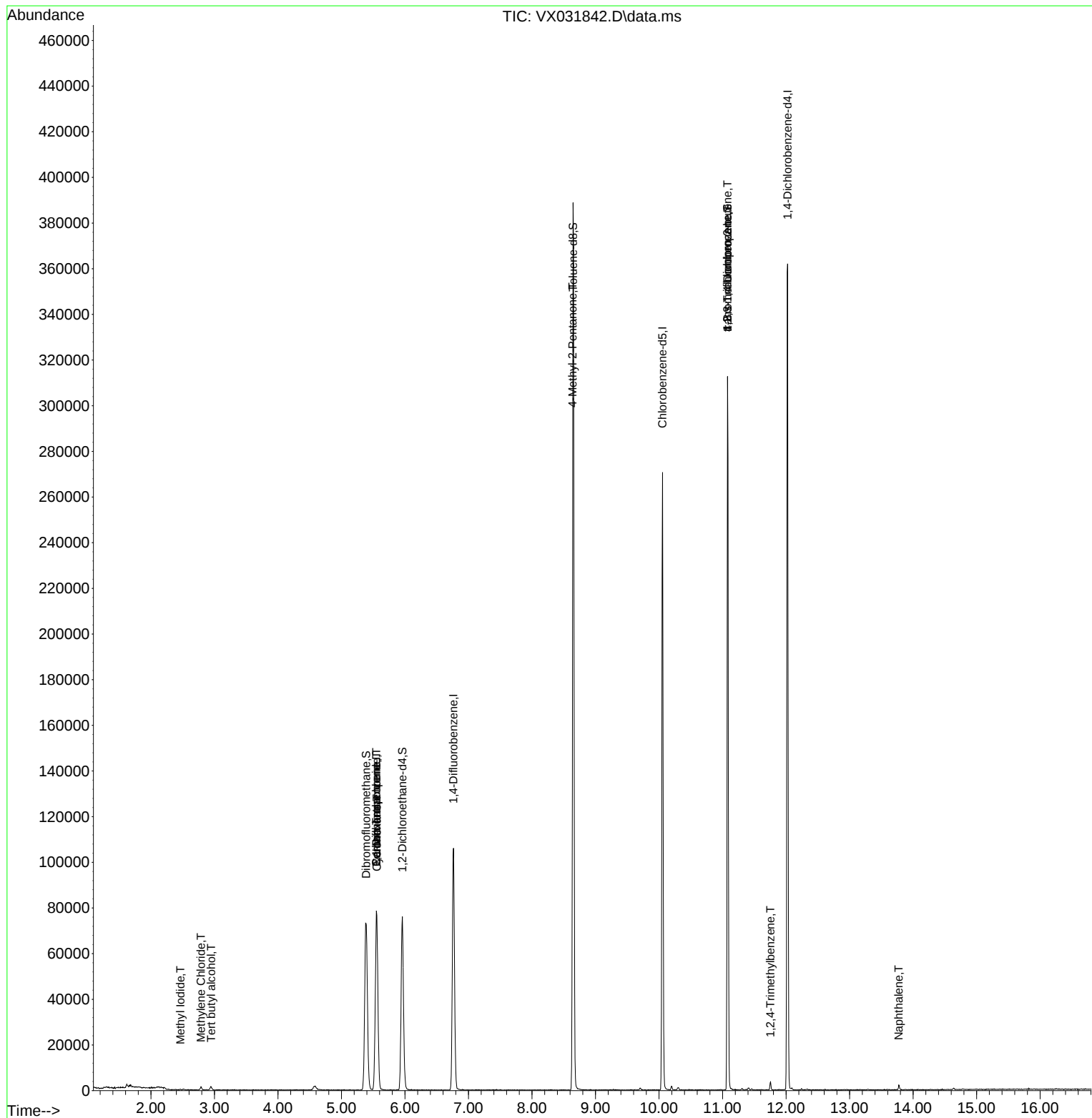
Internal Standards						
1) Pentafluorobenzene	5.550	168	78399	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	118118	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70412	50.131	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.260%			
35) Dibromofluoromethane	5.385	113	65811	46.895	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.780%			
50) Toluene-d8	8.647	98	238743	47.555	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.120%			
62) 4-Bromofluorobenzene	11.079	95	80691	44.633	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.260%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	506	Below Cal	#	50
6) Chloroethane	1.679	64	20	Below Cal	#	43
10) Methyl Iodide	2.465	142	272	0.243	ug/l #	60
11) Tert butyl alcohol	2.947	59	786	4.019	ug/l #	73
16) Acetone	2.398	43	216	Below Cal	#	45
17) Carbon Disulfide	2.514	76	535	Below Cal	#	75
20) Methylene Chloride	2.788	84	692	0.563	ug/l #	71
31) Cyclohexane	5.556	56	1348	0.806	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	5145	2.957	ug/l #	51
38) Carbon Tetrachloride	5.550	117	7732	3.579	ug/l #	19
51) 4-Methyl-2-Pentanone	8.641	43	743	0.556	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	39434	26.604	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	39434	91.327	ug/l #	11
84) 1,2,4-Trimethylbenzene	11.756	105	1877	0.392	ug/l	95
95) Naphthalene	13.774	128	2178	0.398	ug/l #	94

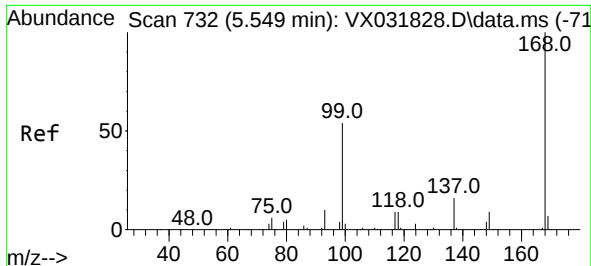
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100322\
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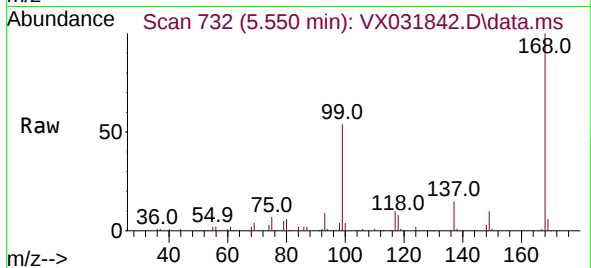
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 06:59:30 2022
Response via : Initial Calibration



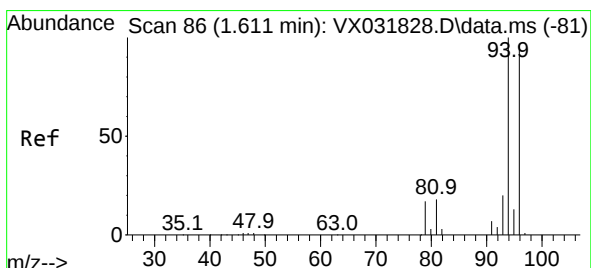
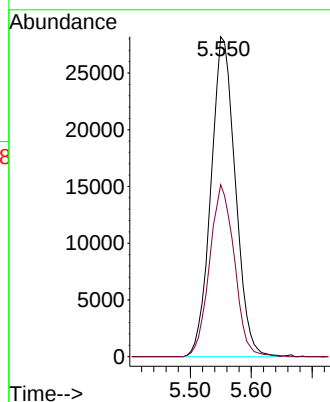
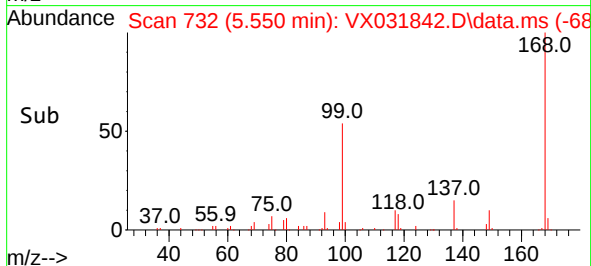


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031842.D
Acq: 03 Oct 2022 18:39

Instrument :
MSVOA_X
ClientSampleId :

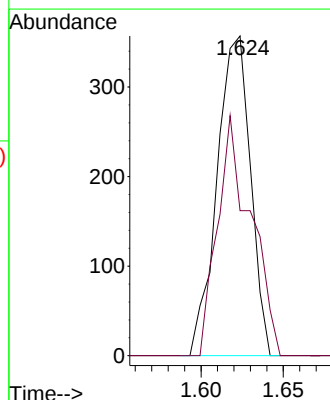
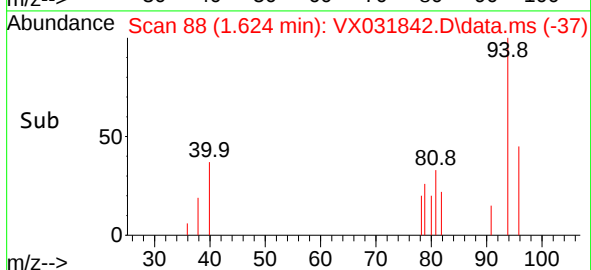
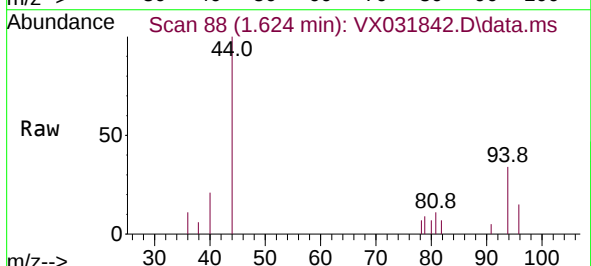


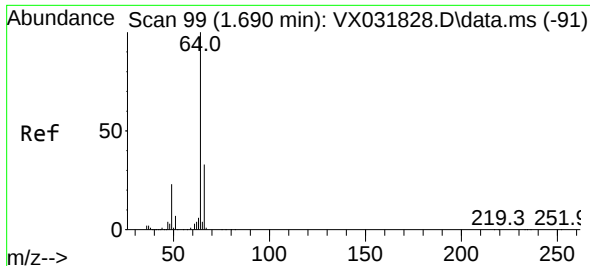
Tgt Ion:168 Resp: 78399
Ion Ratio Lower Upper
168 100
99 53.8 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.013 min
Lab File: VX031842.D
Acq: 03 Oct 2022 18:39

Tgt Ion: 94 Resp: 506
Ion Ratio Lower Upper
94 100
96 45.4 74.4 111.6#

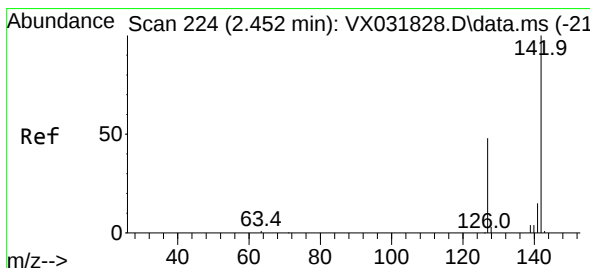
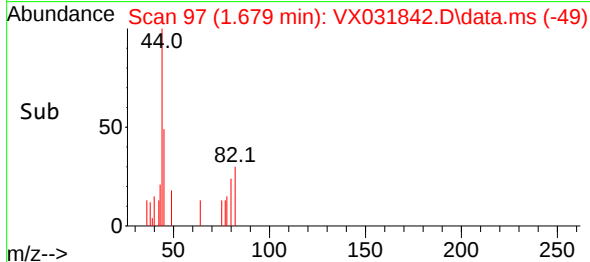
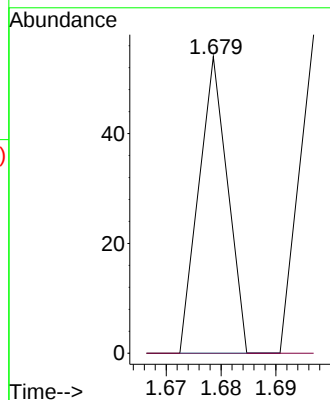
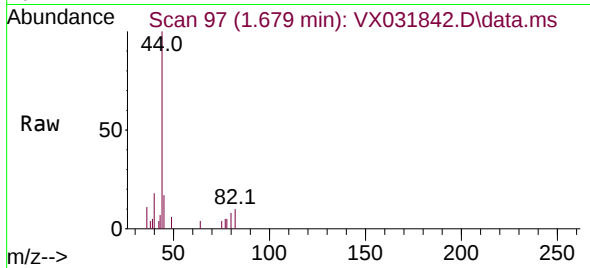




#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX031842.D
Acq: 03 Oct 2022 18:39

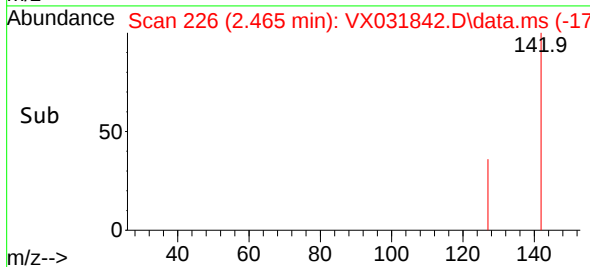
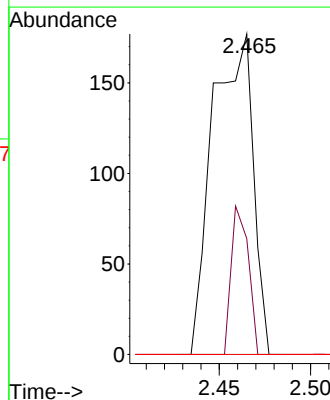
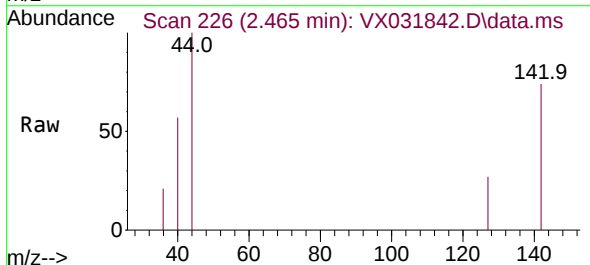
Instrument :
MSVOA_X
ClientSampleId :

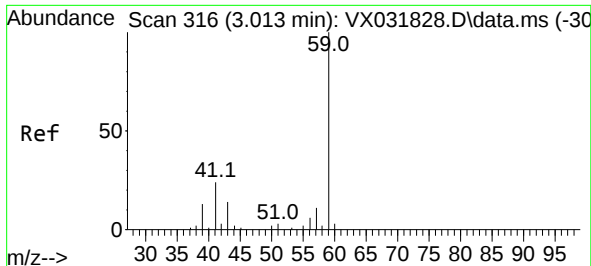
Tgt Ion: 64 Resp: 20
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 0.243 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX031842.D
Acq: 03 Oct 2022 18:39

Tgt Ion: 142 Resp: 272
Ion Ratio Lower Upper
142 100
127 19.5 37.4 56.0#
141 0.0 11.6 17.4#





#11

Tert butyl alcohol

Concen: 4.019 ug/l

RT: 2.947 min Scan# 30

Delta R.T. -0.134 min

Lab File: VX031842.D

Acq: 03 Oct 2022 18:39

Instrument :

MSVOA_X

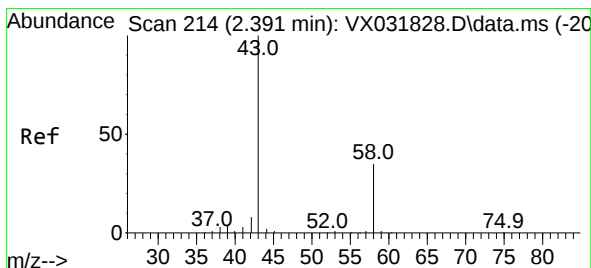
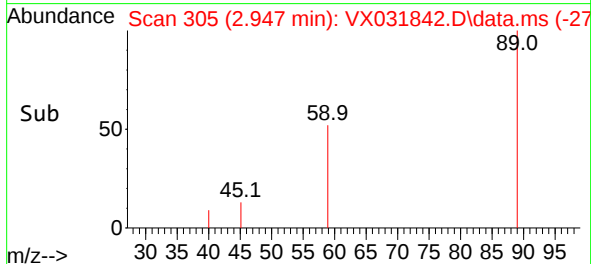
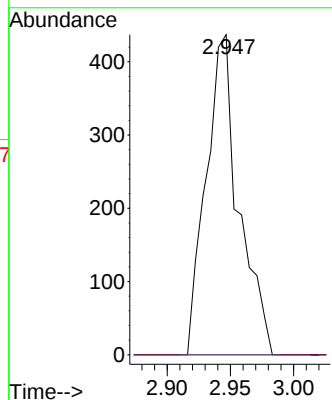
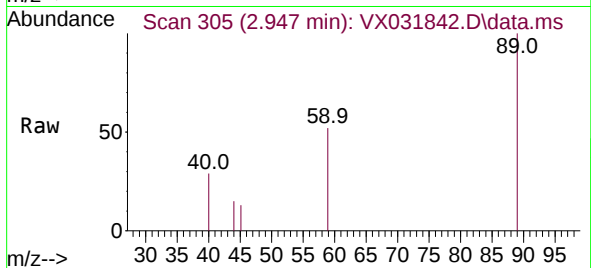
ClientSampleId :

Tgt Ion: 59 Resp: 786

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: Below Cal

RT: 2.398 min Scan# 215

Delta R.T. 0.006 min

Lab File: VX031842.D

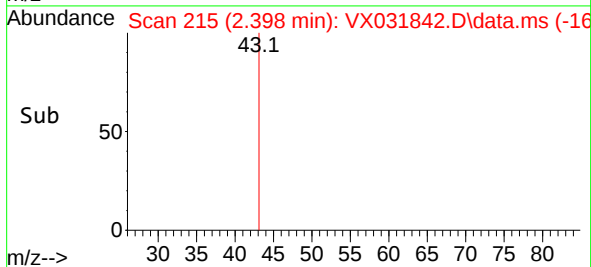
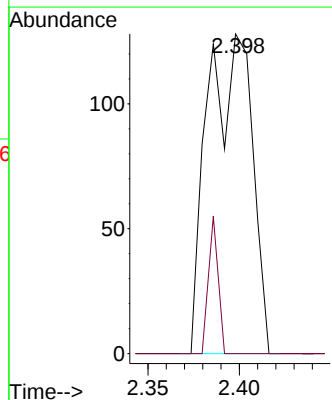
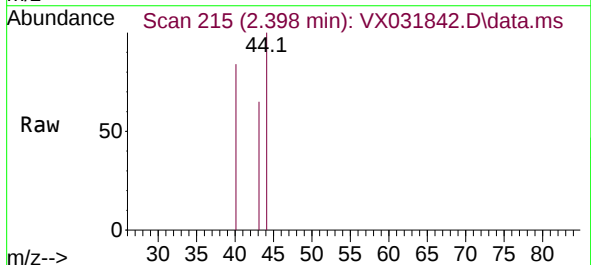
Acq: 03 Oct 2022 18:39

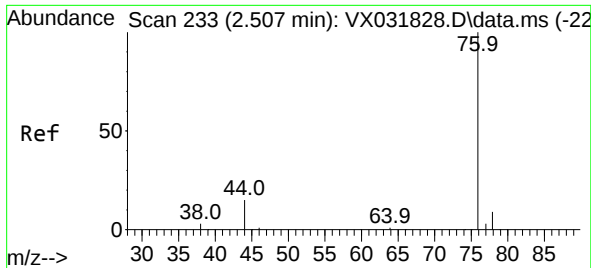
Tgt Ion: 43 Resp: 216

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.8#





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX031842.D

Acq: 03 Oct 2022 18:39

Instrument :

MSVOA_X

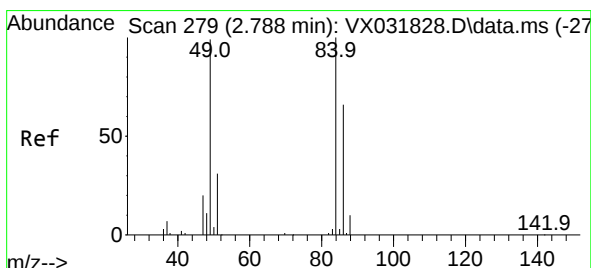
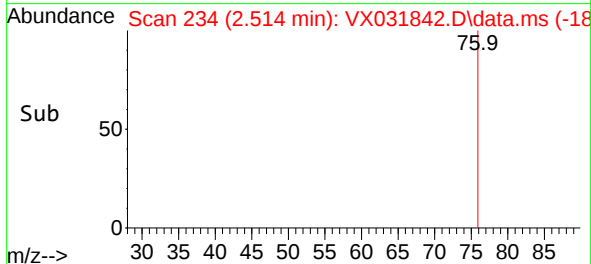
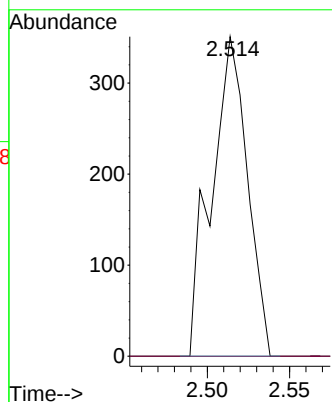
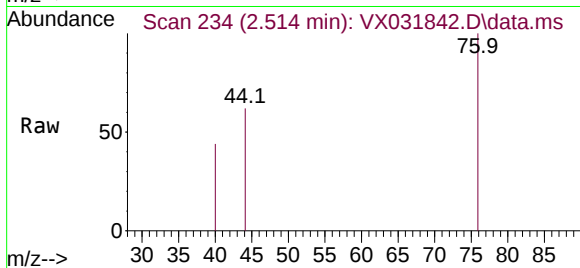
ClientSampleId :

Tgt Ion: 76 Resp: 535

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#20

Methylene Chloride

Concen: 0.563 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX031842.D

Acq: 03 Oct 2022 18:39

Tgt Ion: 84 Resp: 692

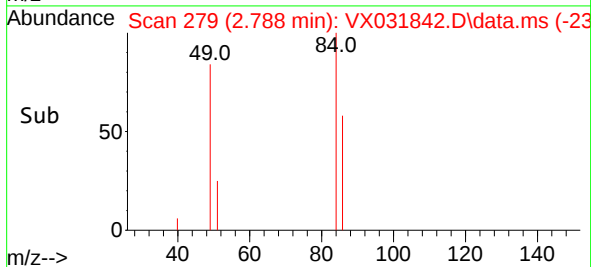
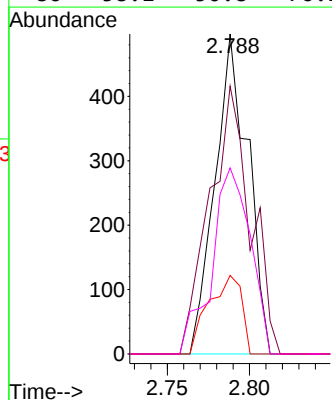
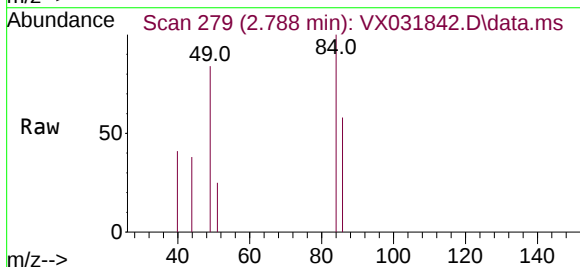
Ion Ratio Lower Upper

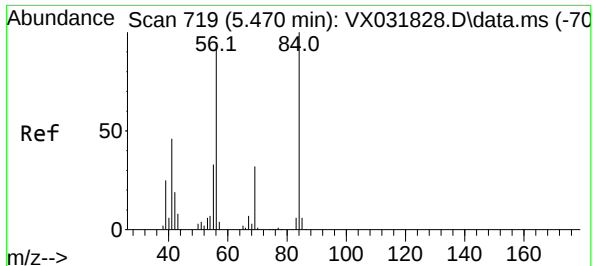
84 100

49 83.7 105.9 158.9#

51 24.5 32.2 48.2#

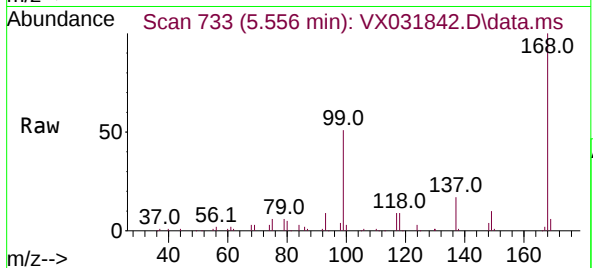
86 58.1 50.8 76.2



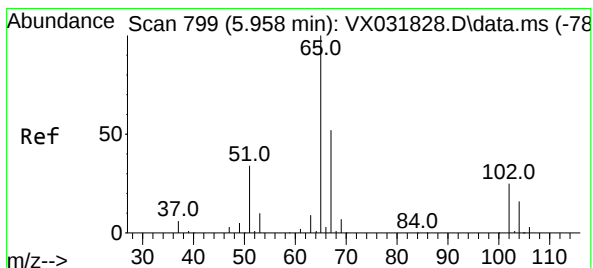
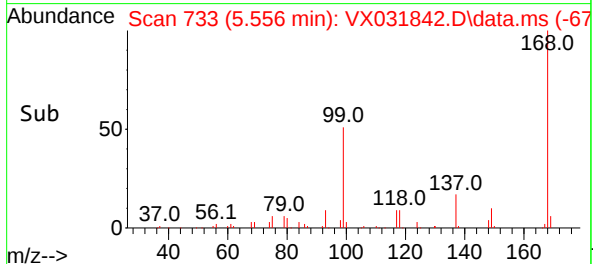
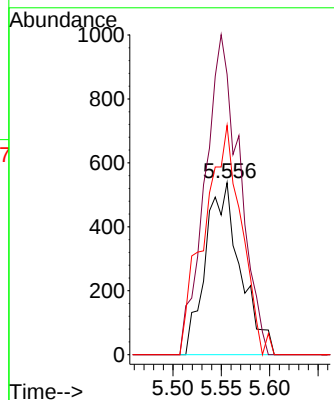


#31
Cyclohexane
Concen: 0.806 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX031842.D
Acq: 03 Oct 2022 18:39

Instrument :
MSVOA_X
ClientSampleId :

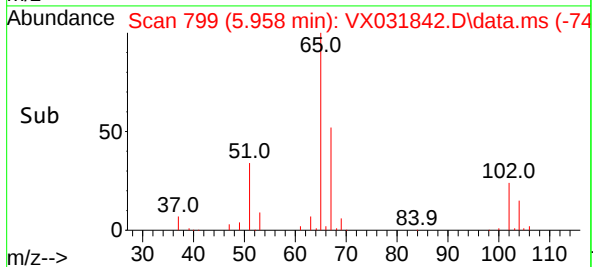
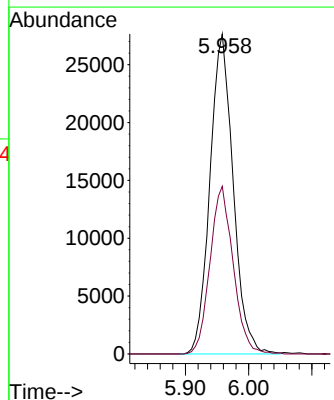
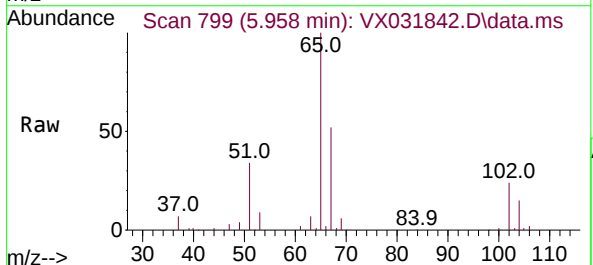


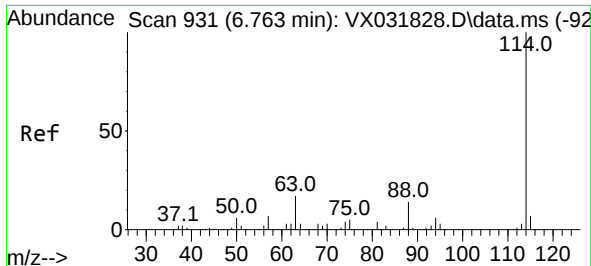
Tgt Ion: 56 Resp: 1348
Ion Ratio Lower Upper
56 100
69 163.0 25.1 37.7#
84 133.3 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 50.131 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX031842.D
Acq: 03 Oct 2022 18:39

Tgt Ion: 65 Resp: 70412
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.4

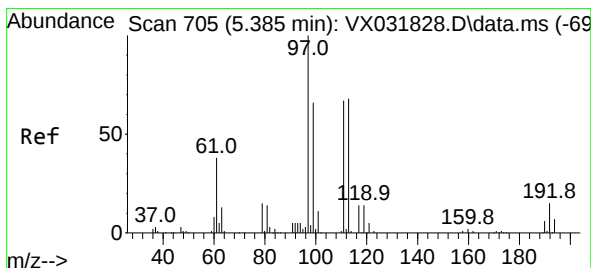
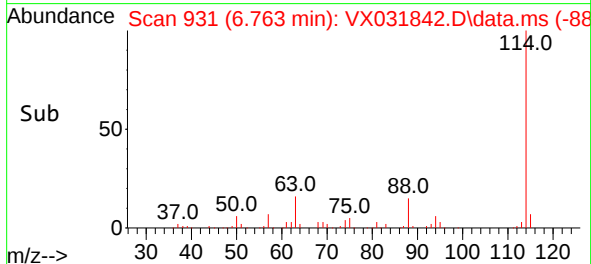
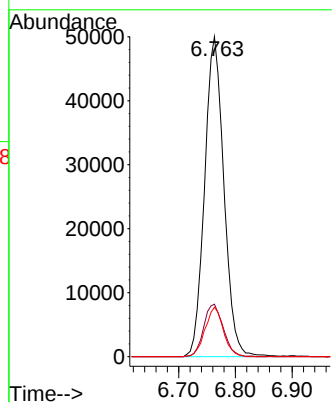
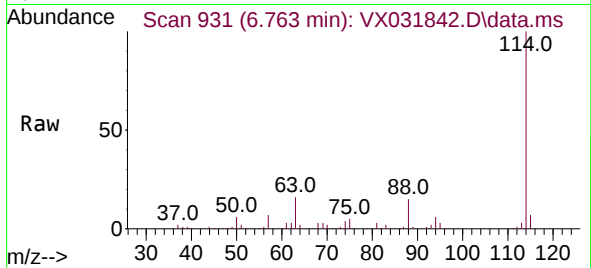




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX031842.D
Acq: 03 Oct 2022 18:39

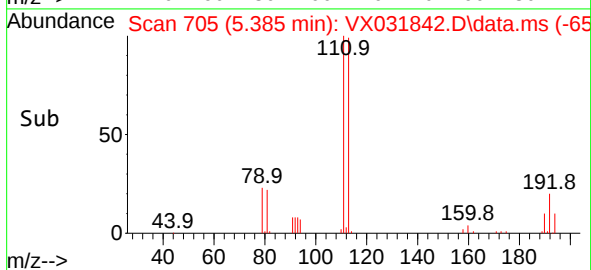
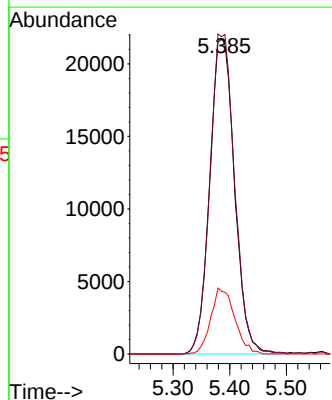
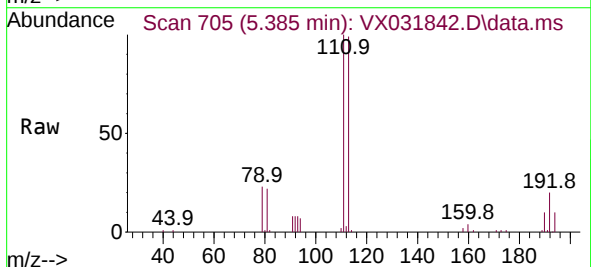
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MSVOA_X
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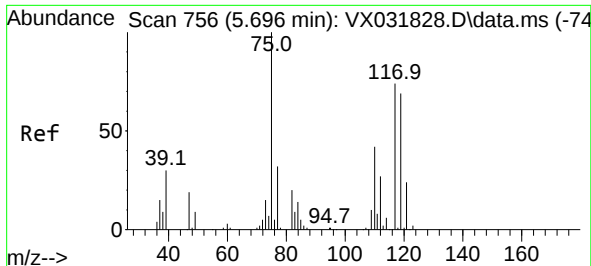
Tgt Ion:114 Resp: 118118
Ion Ratio Lower Upper
114 100
63 16.4 0.0 42.6
88 15.5 0.0 33.0



#35
Dibromofluoromethane
Concen: 46.895 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031842.D
Acq: 03 Oct 2022 18:39

Tgt Ion:113 Resp: 65811
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 20.2 14.1 21.1

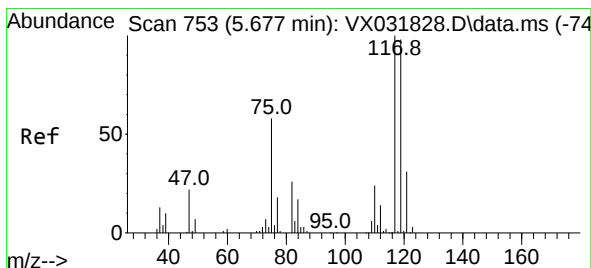
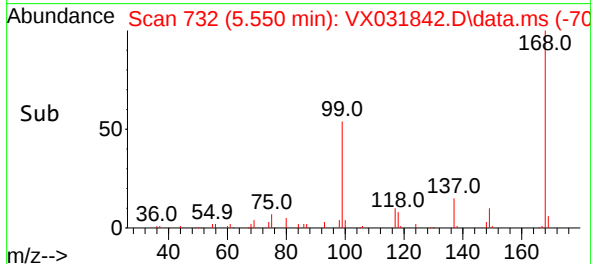
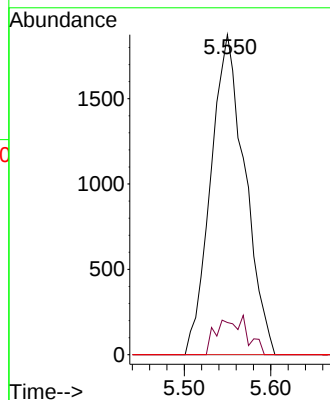
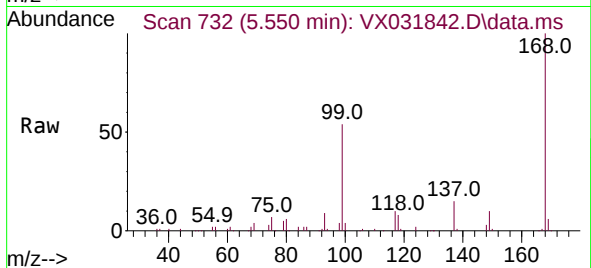




#36
1,1-Dichloropropene
Concen: 2.957 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX031842.D
Acq: 03 Oct 2022 18:39

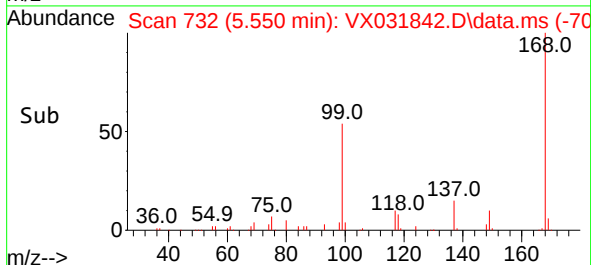
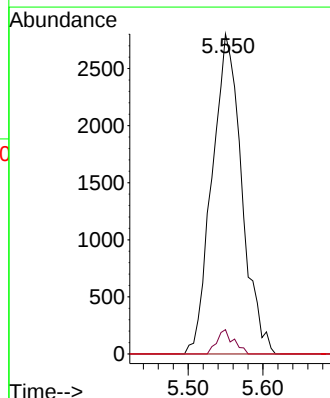
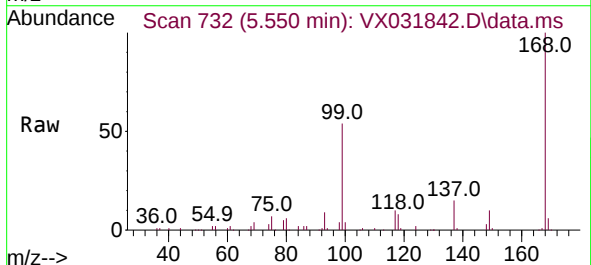
Instrument :
MSVOA_X
ClientSampleId :

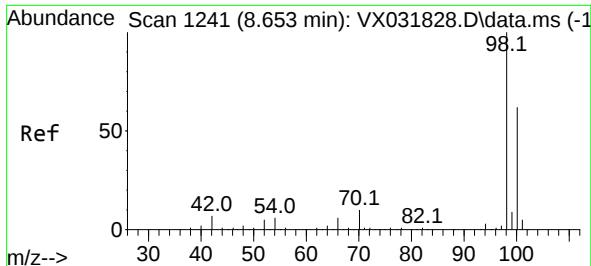
Tgt Ion: 75 Resp: 5145
Ion Ratio Lower Upper
75 100
110 10.4 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 3.579 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX031842.D
Acq: 03 Oct 2022 18:39

Tgt Ion: 117 Resp: 7732
Ion Ratio Lower Upper
117 100
119 7.6 74.6 112.0#
121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 47.555 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX031842.D

Acq: 03 Oct 2022 18:39

Instrument :

MSVOA_X

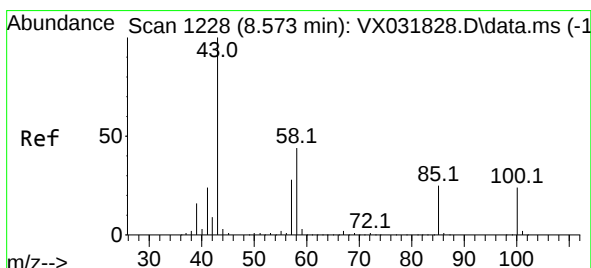
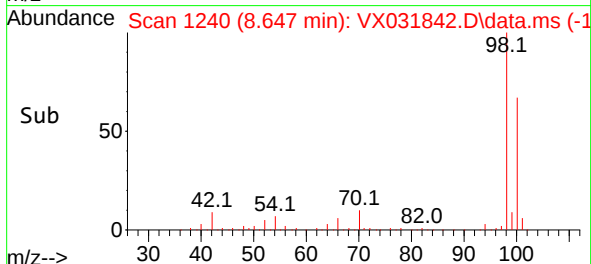
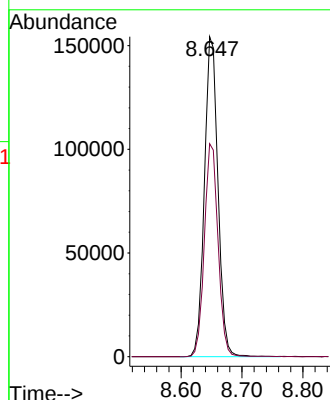
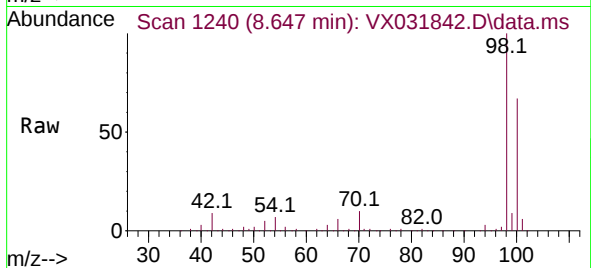
ClientSampleId :

Tgt Ion: 98 Resp: 238743

Ion Ratio Lower Upper

98 100

100 67.1 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.556 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. 0.061 min

Lab File: VX031842.D

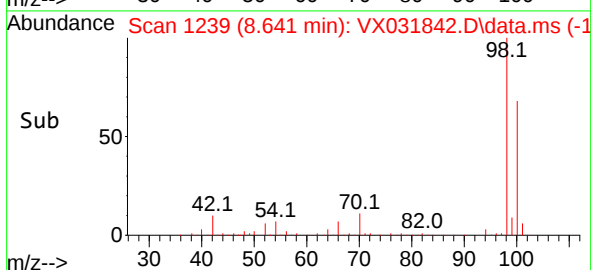
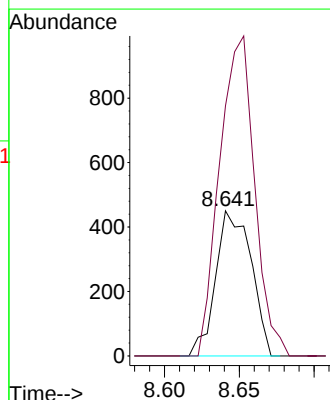
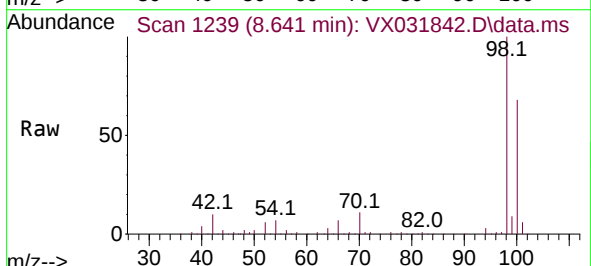
Acq: 03 Oct 2022 18:39

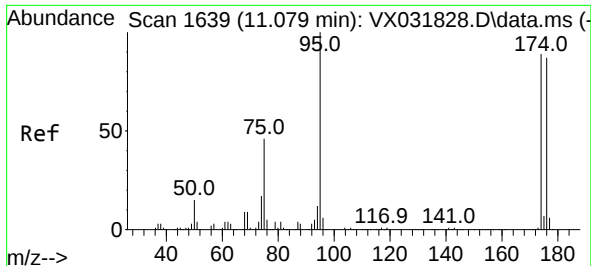
Tgt Ion: 43 Resp: 743

Ion Ratio Lower Upper

43 100

58 217.4 30.6 46.0#

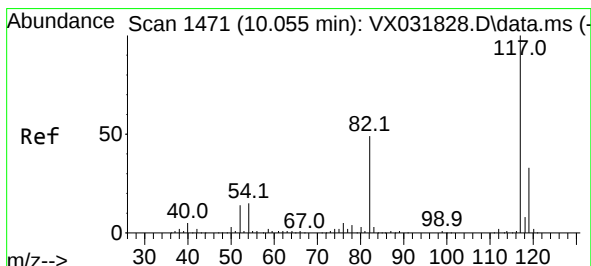
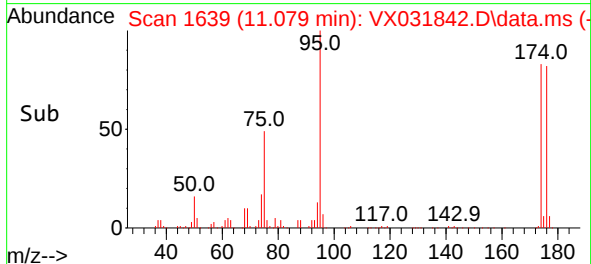
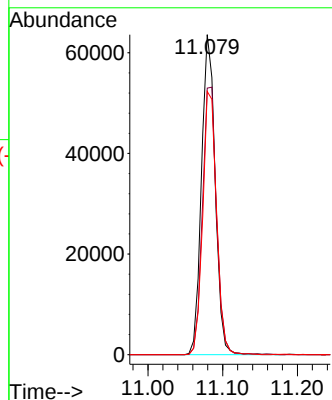
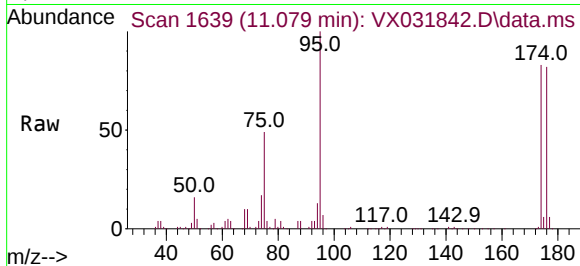




#62
4-Bromofluorobenzene
Concen: 44.633 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031842.D
Acq: 03 Oct 2022 18:39

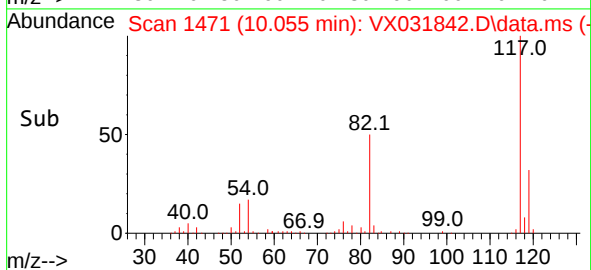
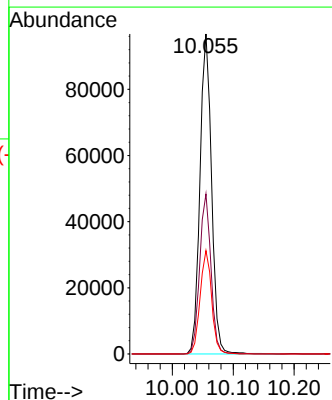
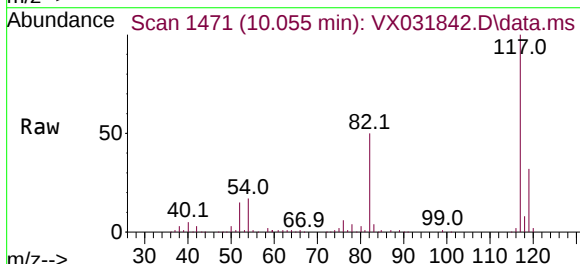
Instrument :
MSVOA_X
ClientSampleId :

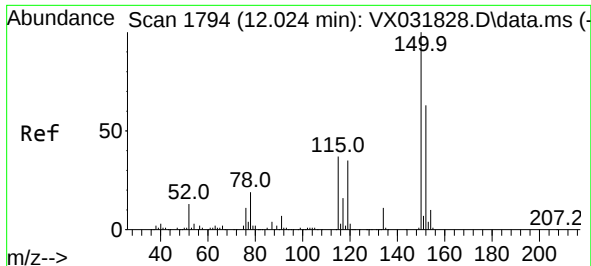
Tgt Ion: 95 Resp: 80691
Ion Ratio Lower Upper
95 100
174 86.6 0.0 153.2
176 83.6 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031842.D
Acq: 03 Oct 2022 18:39

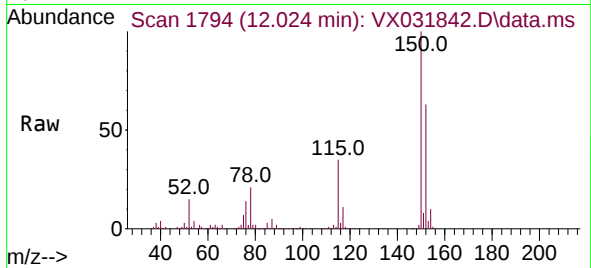
Tgt Ion: 117 Resp: 127902
Ion Ratio Lower Upper
117 100
82 50.0 46.8 70.2
119 32.3 26.4 39.6



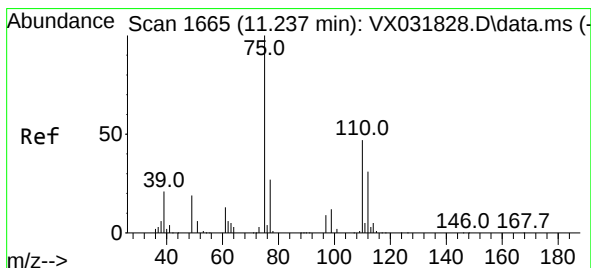
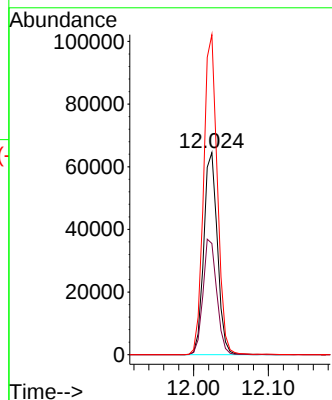
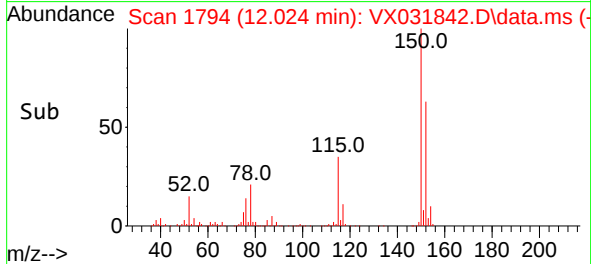


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031842.D
 Acq: 03 Oct 2022 18:39

Instrument :
 MSVOA_X
 ClientSampleId :

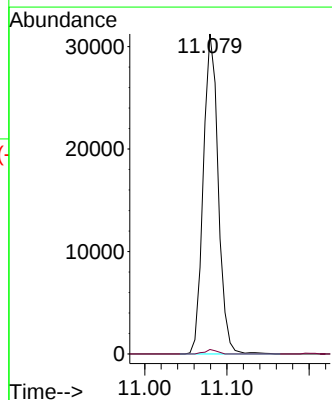
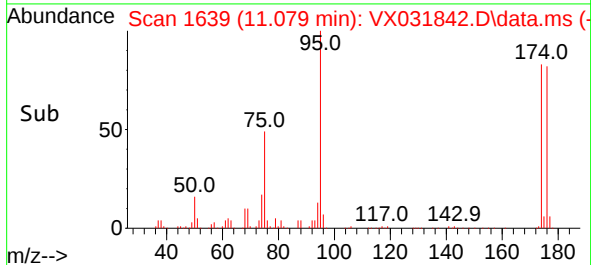
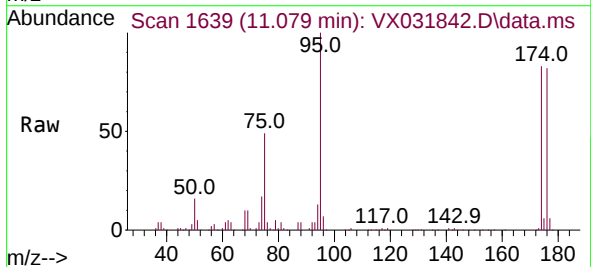


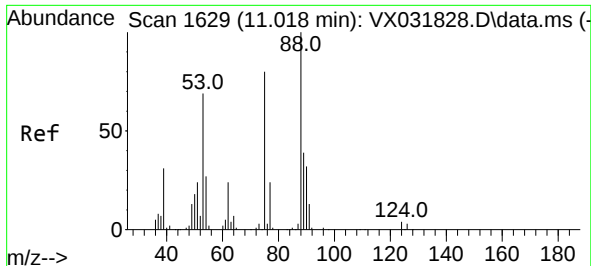
Tgt Ion:152 Resp: 81470
 Ion Ratio Lower Upper
 152 100
 115 57.7 43.4 130.1
 150 159.5 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 26.604 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX031842.D
 Acq: 03 Oct 2022 18:39

Tgt Ion: 75 Resp: 39434
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.3 60.9#

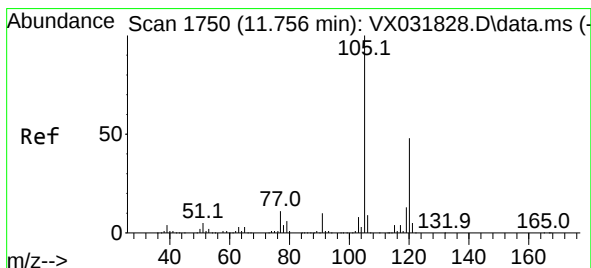
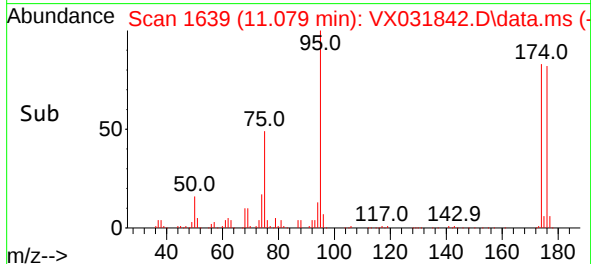
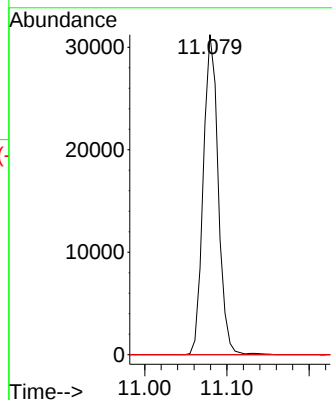
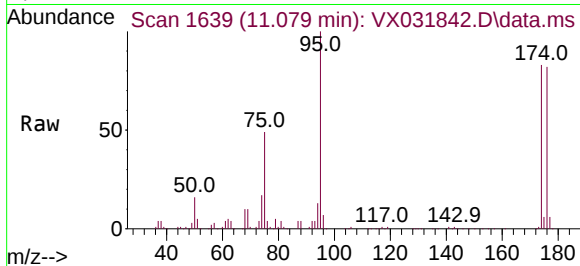




#81
trans-1,4-Dichloro-2-butene
Concen: 91.327 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031842.D
Acq: 03 Oct 2022 18:39

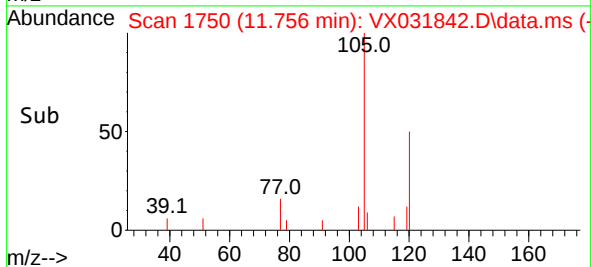
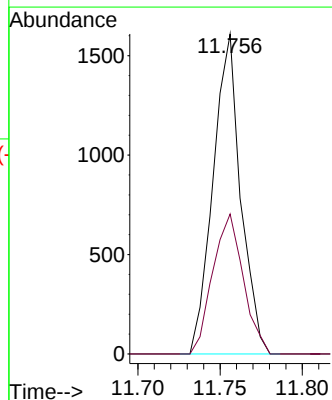
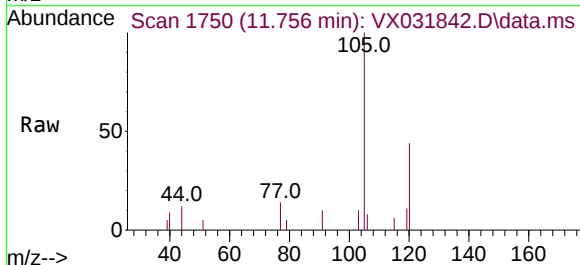
Instrument :
MSVOA_X
ClientSampleId :

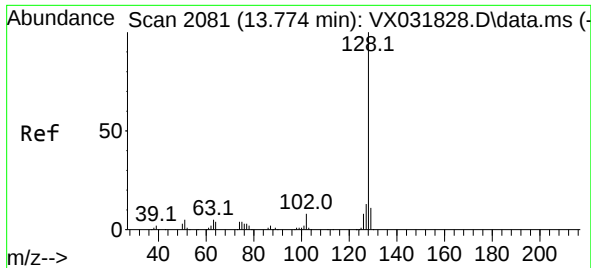
Tgt Ion: 75 Resp: 39434
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#



#84
1,2,4-Trimethylbenzene
Concen: 0.392 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX031842.D
Acq: 03 Oct 2022 18:39

Tgt Ion:105 Resp: 1877
Ion Ratio Lower Upper
105 100
120 48.4 22.6 67.8





#95

Naphthalene

Concen: 0.398 ug/l

RT: 13.774 min Scan# 20

Delta R.T. -0.000 min

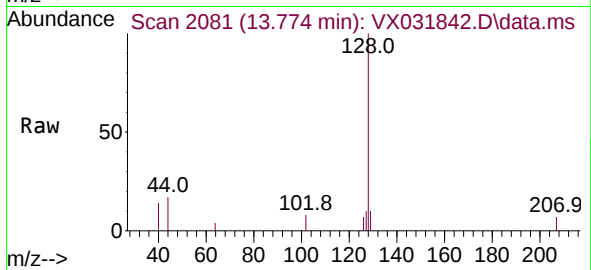
Lab File: VX031842.D

Acq: 03 Oct 2022 18:39

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 2178

Ion Ratio Lower Upper

128 100

127 11.5 10.4 15.6

129 7.6 8.8 13.2#

