

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100722\
 Data File : VX031993.D
 Acq On : 08 Oct 2022 05:01
 Operator : JC/MD
 Sample : N4937-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-092922

Quant Time: Oct 08 06:37:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

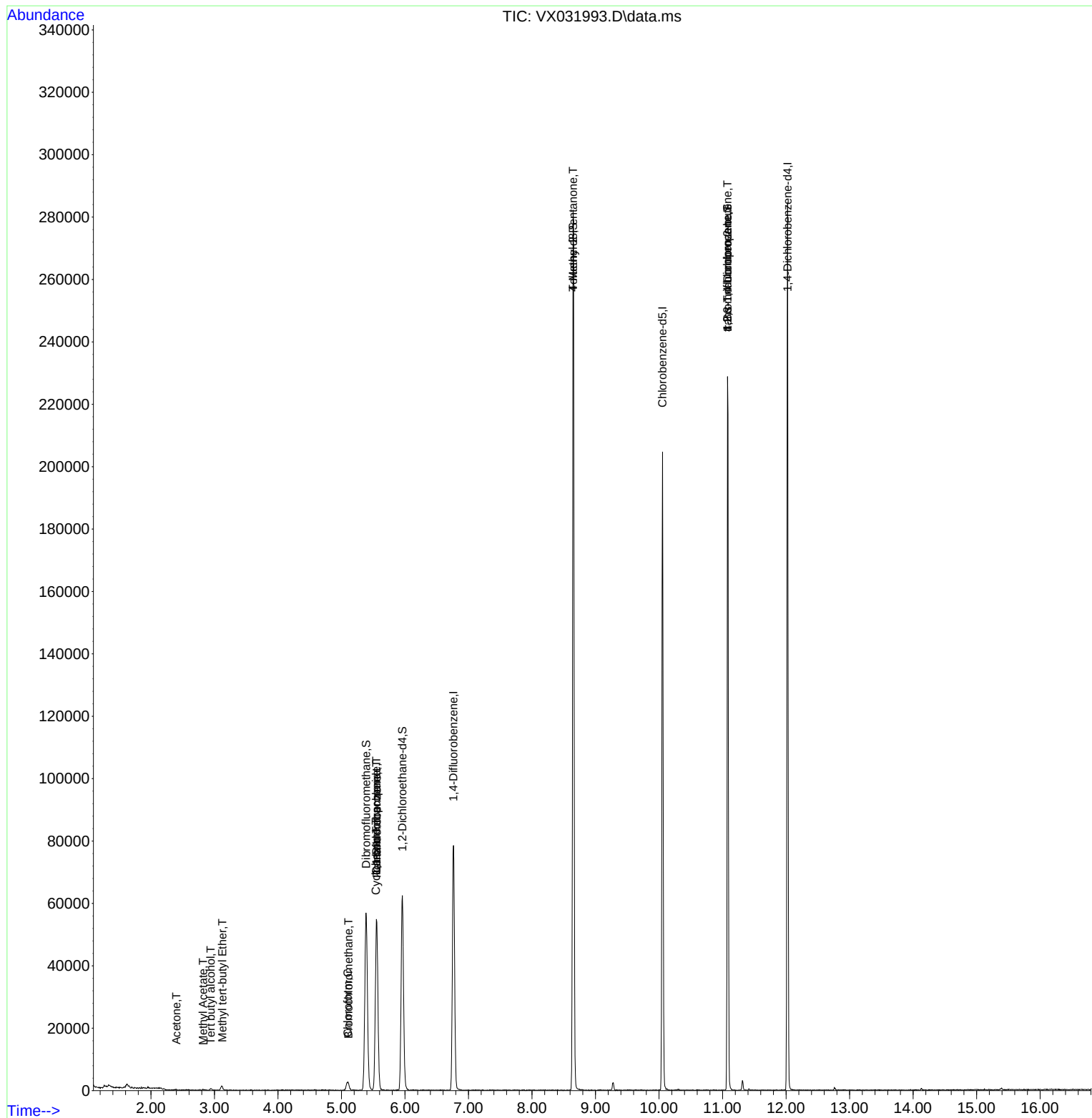
Internal Standards						
1) Pentafluorobenzene	5.556	168	51468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	83242	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	90465	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58822	55.340	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.680%			
35) Dibromofluoromethane	5.385	113	48942	51.942	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.880%			
50) Toluene-d8	8.647	98	166737	49.177	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.360%			
62) 4-Bromofluorobenzene	11.079	95	58439	48.754	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.500%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.623	94	200	Below Cal	#	61
11) Tert butyl alcohol	2.940	59	194	1.467	ug/l #	73
16) Acetone	2.398	43	231	0.639	ug/l #	45
18) Methyl Acetate	2.818	43	259	0.217	ug/l #	52
19) Methyl tert-butyl Ether	3.123	73	1428	0.543	ug/l	97
28) Bromochloromethane	5.111	49	136	0.211	ug/l #	15
30) Chloroform	5.098	83	3555	2.123	ug/l #	82
31) Cyclohexane	5.544	56	1165	0.917	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	3995	3.197	ug/l #	49
38) Carbon Tetrachloride	5.550	117	5572	4.361	ug/l #	13
51) 4-Methyl-2-Pentanone	8.647	43	703	0.594	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	30470	27.151	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	30470	93.016	ug/l #	11

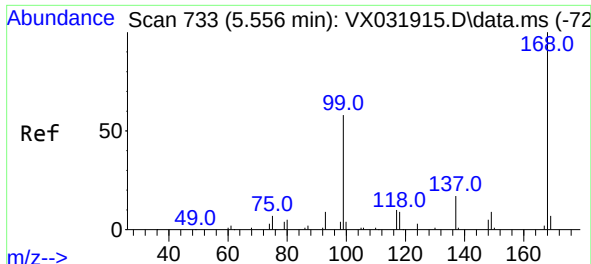
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100722\
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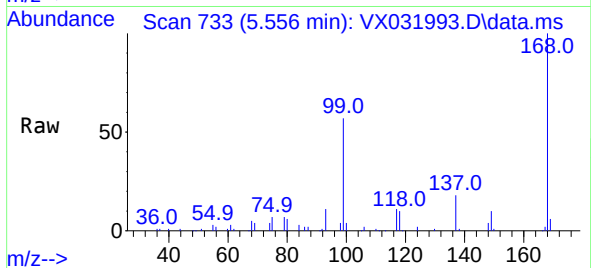
Quant Time: Oct 08 06:37:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 14:28:46 2022
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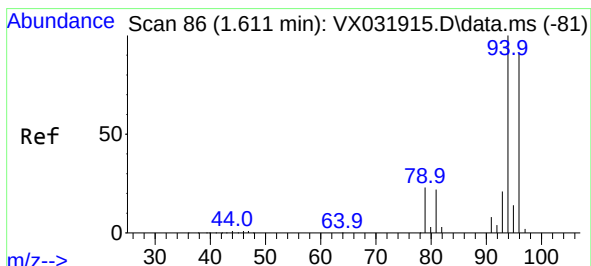
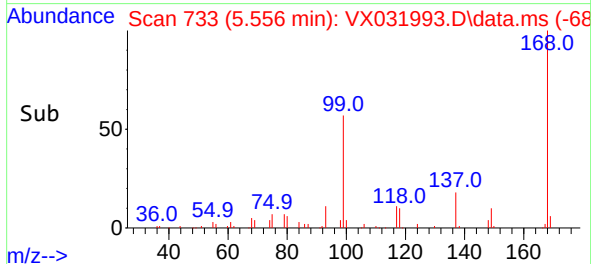
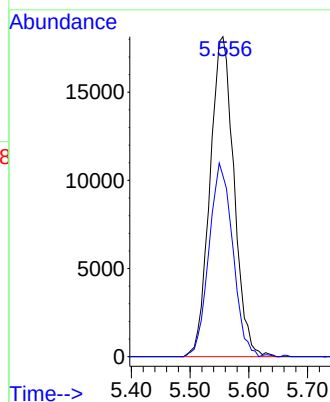


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031993.D
Acq: 08 Oct 2022 05:01

Instrument :
MSVOA_X
ClientSampleId :
DUP-092922

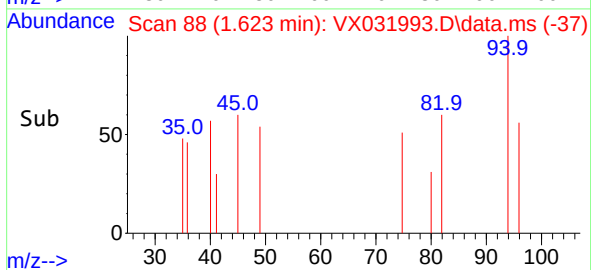
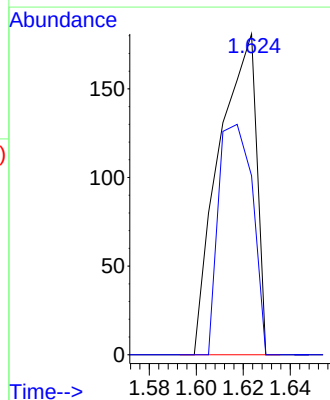
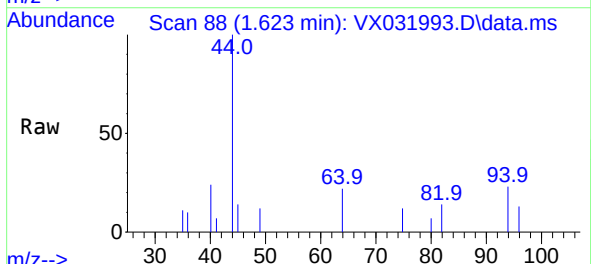


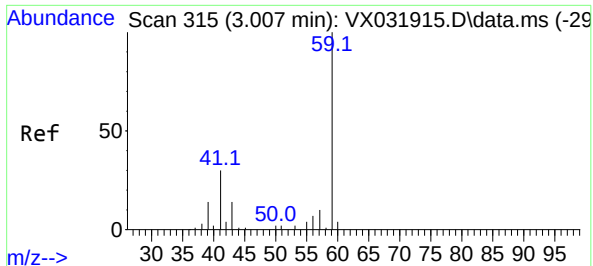
Tgt Ion:168 Resp: 51468
Ion Ratio Lower Upper
168 100
99 56.5 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.623 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX031993.D
Acq: 08 Oct 2022 05:01

Tgt Ion: 94 Resp: 200
Ion Ratio Lower Upper
94 100
96 55.8 74.4 111.6#





#11

Tert butyl alcohol

Concen: 1.467 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.067 min

Lab File: VX031993.D

Acq: 08 Oct 2022 05:01

Instrument :

MSVOA_X

ClientSampleId :

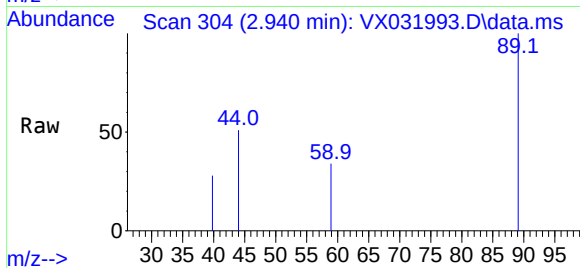
DUP-092922

Tgt Ion: 59 Resp: 194

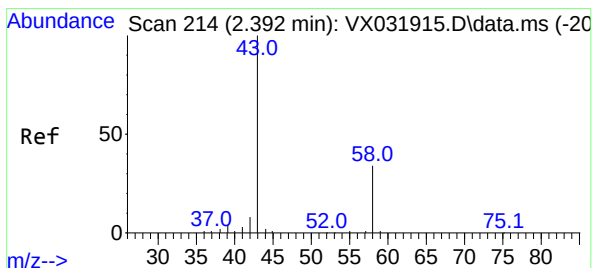
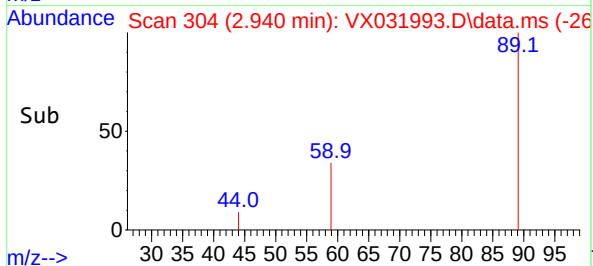
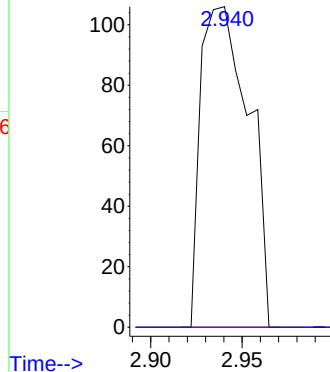
Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance



#16

Acetone

Concen: 0.639 ug/l

RT: 2.398 min Scan# 215

Delta R.T. 0.006 min

Lab File: VX031993.D

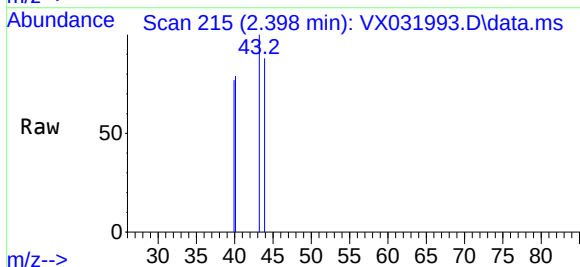
Acq: 08 Oct 2022 05:01

Tgt Ion: 43 Resp: 231

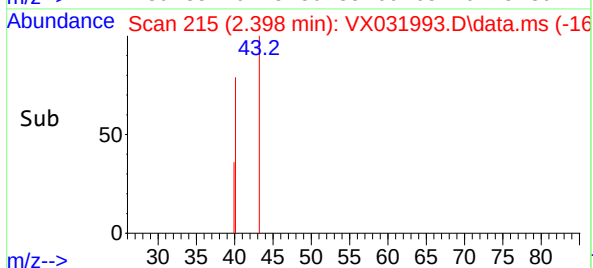
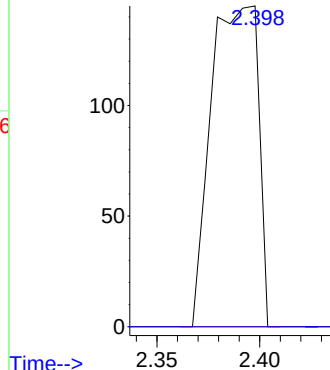
Ion Ratio Lower Upper

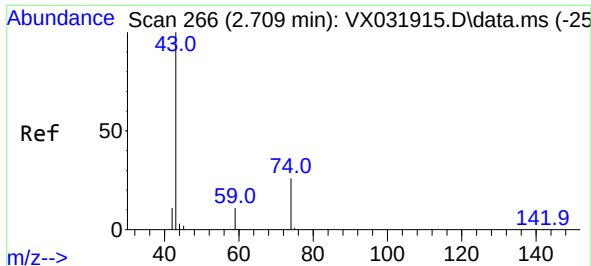
43 100

58 0.0 23.8 35.8#



Abundance





#18

Methyl Acetate

Concen: 0.217 ug/l

RT: 2.818 min Scan# 21

Delta R.T. 0.109 min

Lab File: VX031993.D

Acq: 08 Oct 2022 05:01

Instrument :

MSVOA_X

ClientSampleId :

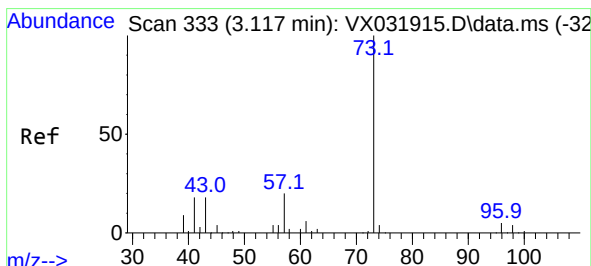
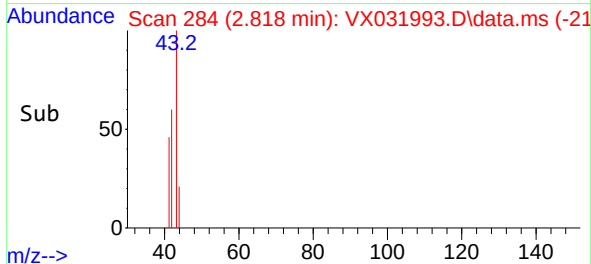
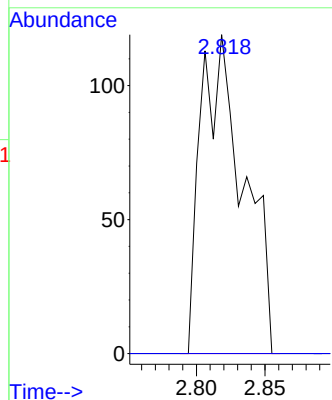
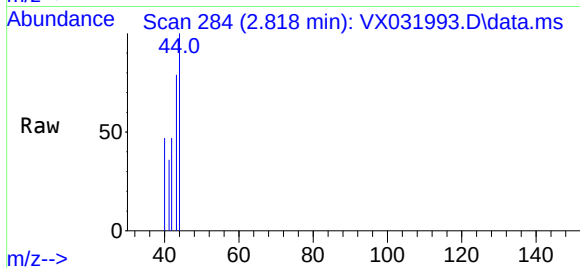
DUP-092922

Tgt Ion: 43 Resp: 259

Ion Ratio Lower Upper

43 100

74 0.0 18.6 27.8#



#19

Methyl tert-butyl Ether

Concen: 0.543 ug/l

RT: 3.123 min Scan# 334

Delta R.T. 0.006 min

Lab File: VX031993.D

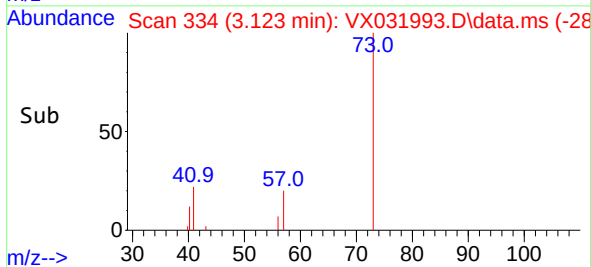
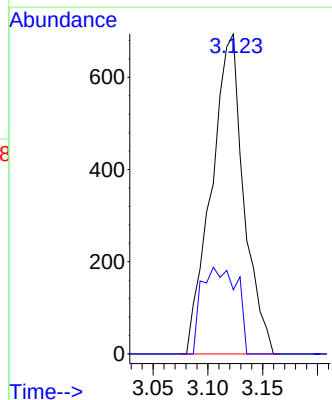
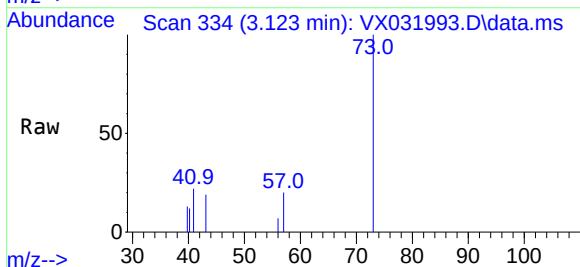
Acq: 08 Oct 2022 05:01

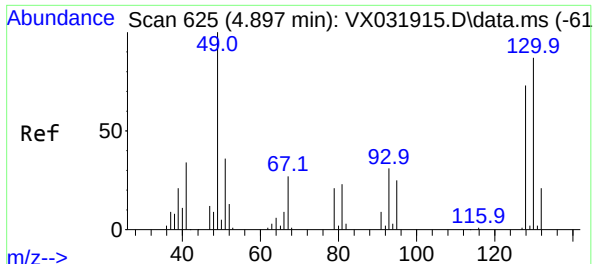
Tgt Ion: 73 Resp: 1428

Ion Ratio Lower Upper

73 100

57 20.0 17.2 25.8

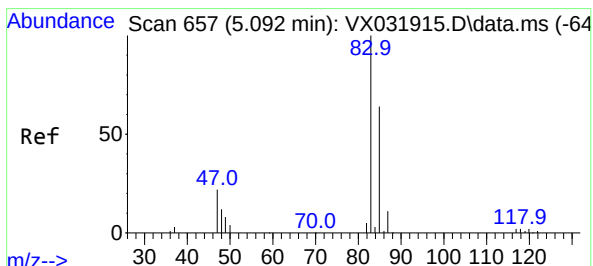
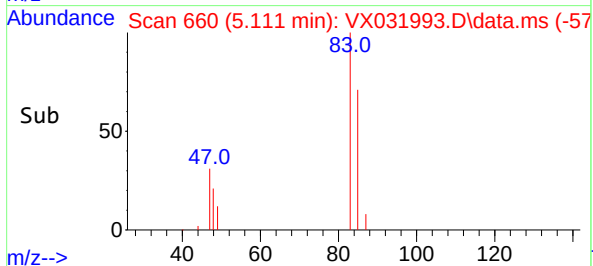
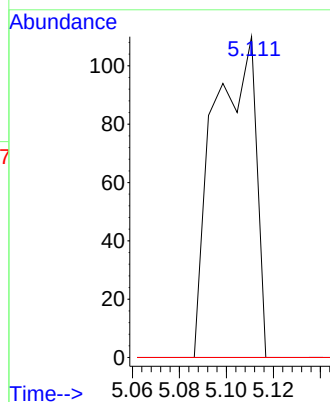
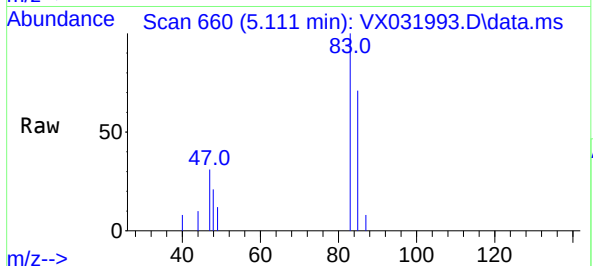




#28
Bromochloromethane
Concen: 0.211 ug/l
RT: 5.111 min Scan# 61
Delta R.T. 0.214 min
Lab File: VX031993.D
Acq: 08 Oct 2022 05:01

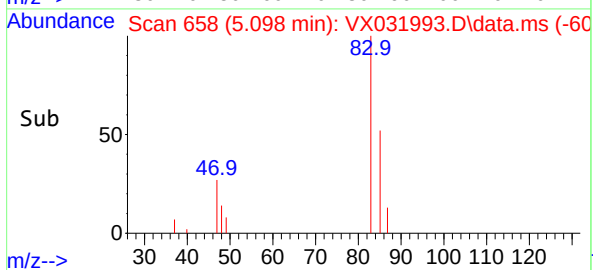
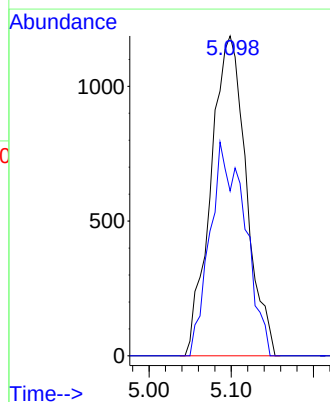
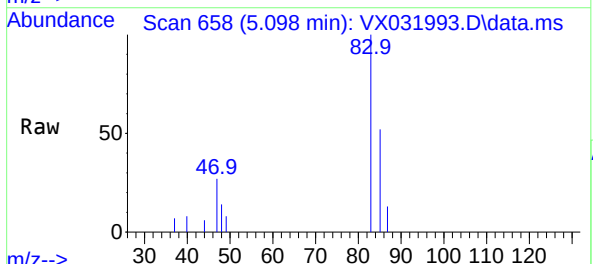
Instrument :
MSVOA_X
ClientSampleId :
DUP-092922

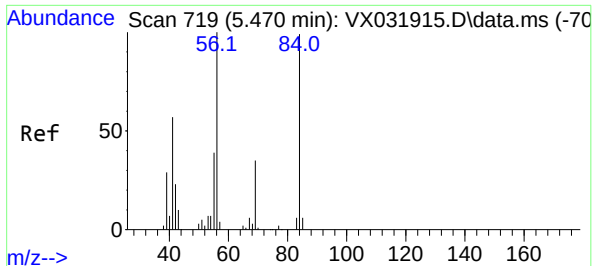
Tgt Ion: 49 Resp: 136
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 59.0 88.4#



#30
Chloroform
Concen: 2.123 ug/l
RT: 5.098 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX031993.D
Acq: 08 Oct 2022 05:01

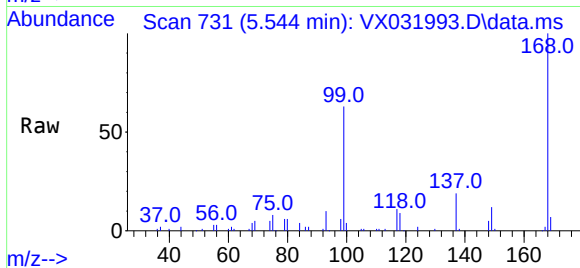
Tgt Ion: 83 Resp: 3555
Ion Ratio Lower Upper
83 100
85 51.6 52.8 79.2#



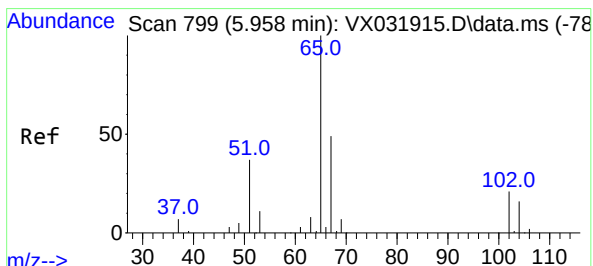
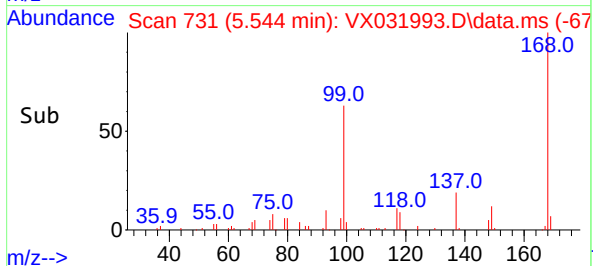
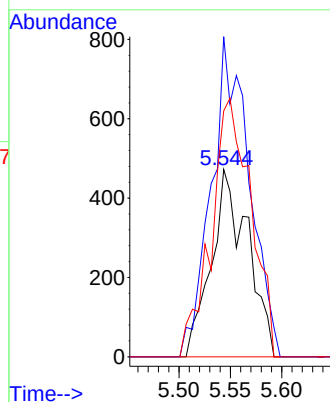


#31
Cyclohexane
Concen: 0.917 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX031993.D
Acq: 08 Oct 2022 05:01

Instrument :
MSVOA_X
ClientSampleId :
DUP-092922

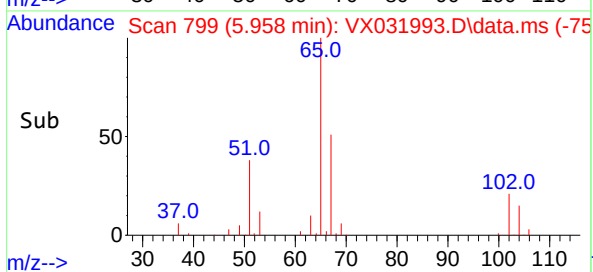
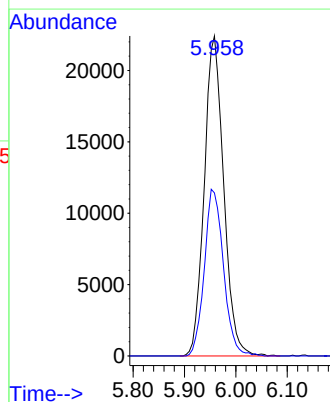
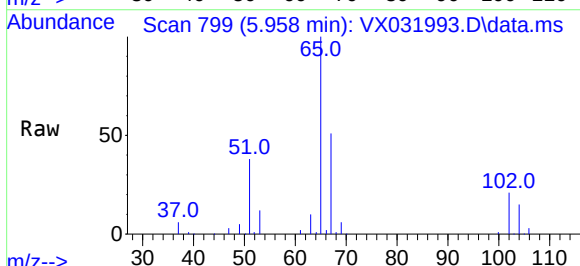


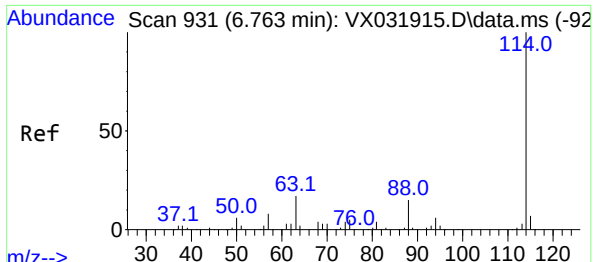
Tgt Ion: 56 Resp: 1165
Ion Ratio Lower Upper
56 100
69 171.0 25.1 37.7#
84 131.4 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 55.340 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031993.D
Acq: 08 Oct 2022 05:01

Tgt Ion: 65 Resp: 58822
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.4

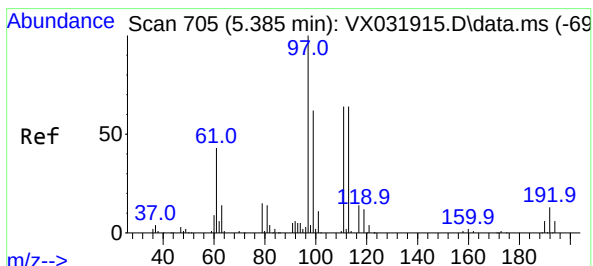
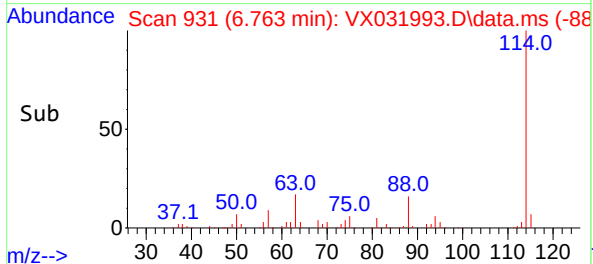
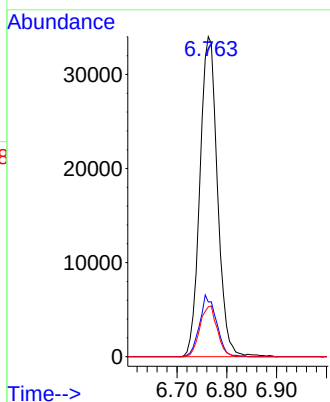
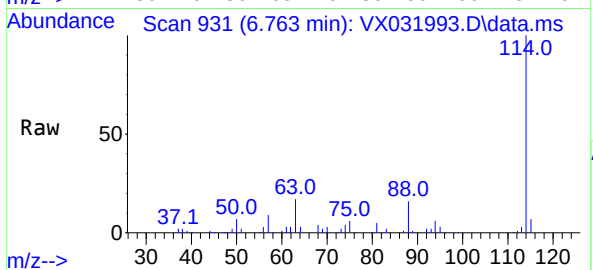




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031993.D
Acq: 08 Oct 2022 05:01

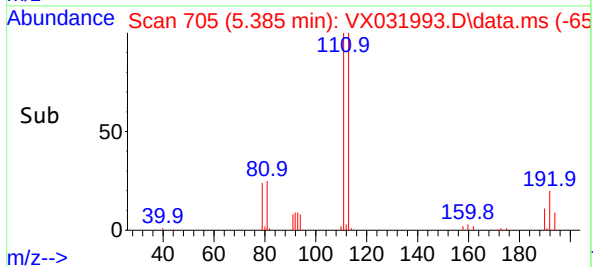
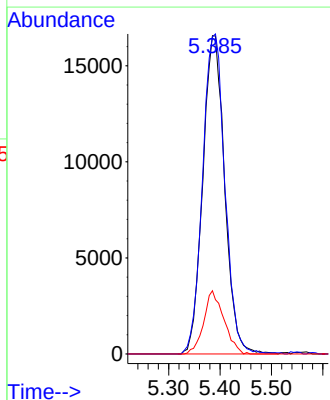
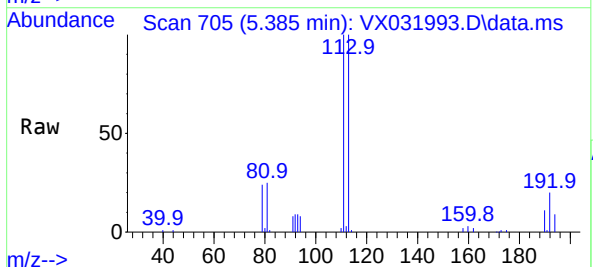
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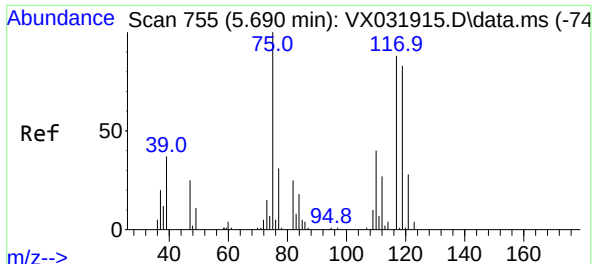
Tgt Ion:114 Resp: 83242
Ion Ratio Lower Upper
114 100
63 17.1 0.0 42.6
88 15.5 0.0 33.0



#35
Dibromofluoromethane
Concen: 51.942 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031993.D
Acq: 08 Oct 2022 05:01

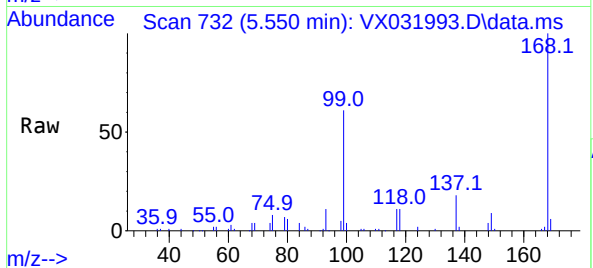
Tgt Ion:113 Resp: 48942
Ion Ratio Lower Upper
113 100
111 102.6 82.4 123.6
192 18.3 14.1 21.1



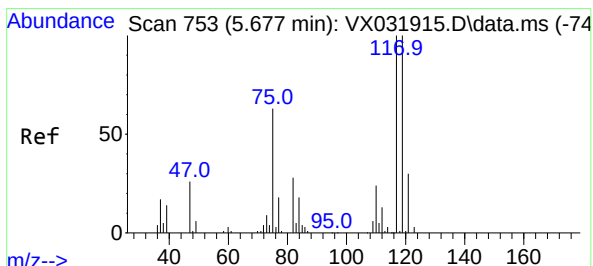
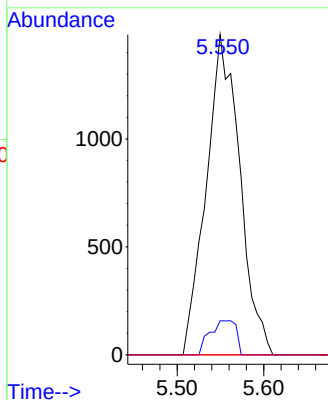
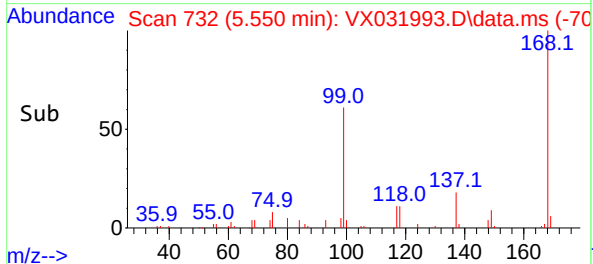


#36
1,1-Dichloropropene
Concen: 3.197 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX031993.D
Acq: 08 Oct 2022 05:01

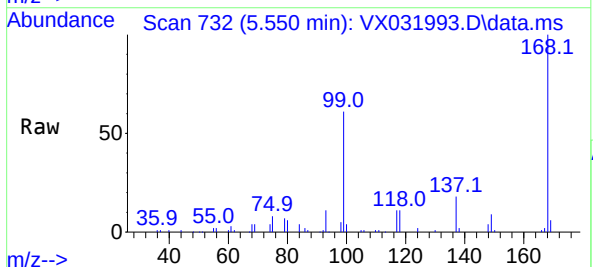
Instrument :
MSVOA_X
ClientSampleId :
DUP-092922



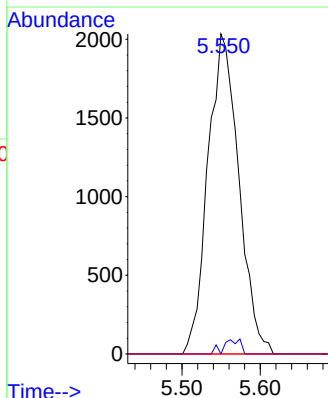
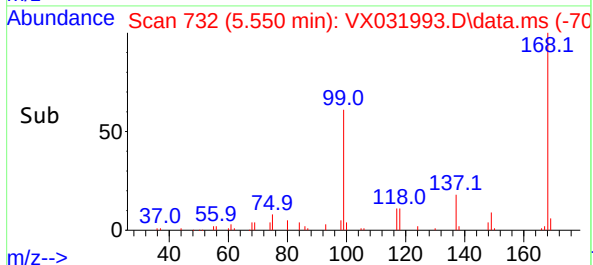
Tgt Ion: 75 Resp: 3995
Ion Ratio Lower Upper
75 100
110 8.3 17.5 52.5#
77 0.0 24.9 37.3#

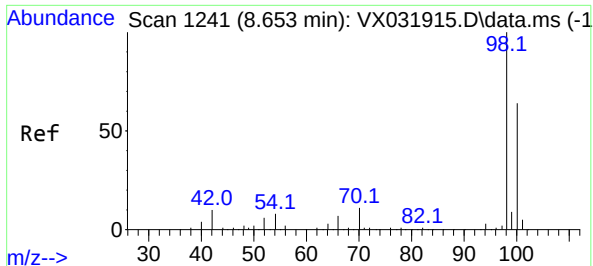


#38
Carbon Tetrachloride
Concen: 4.361 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX031993.D
Acq: 08 Oct 2022 05:01



Tgt Ion: 117 Resp: 5572
Ion Ratio Lower Upper
117 100
119 0.0 74.6 112.0#
121 0.0 25.3 37.9#

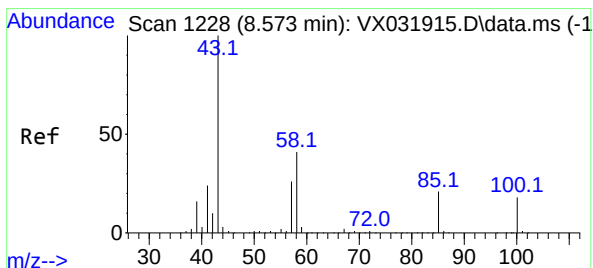
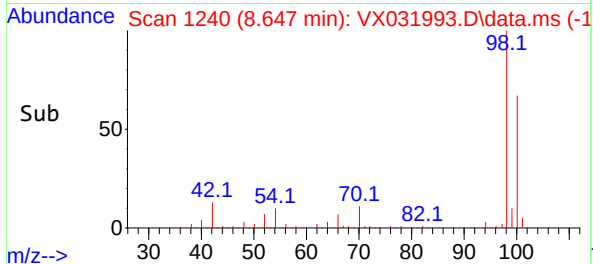
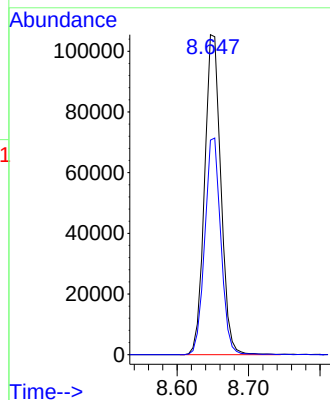
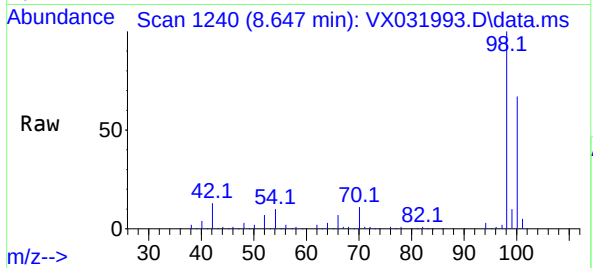




#50
Toluene-d8
Concen: 49.177 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031993.D
Acq: 08 Oct 2022 05:01

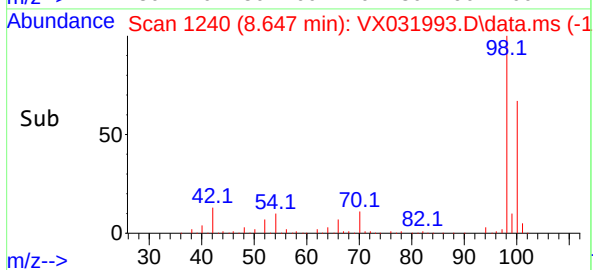
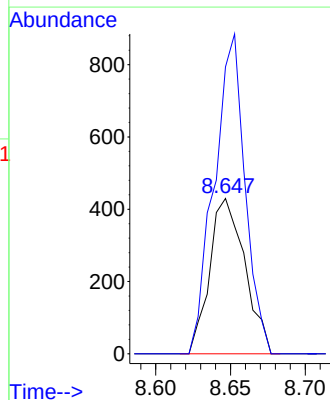
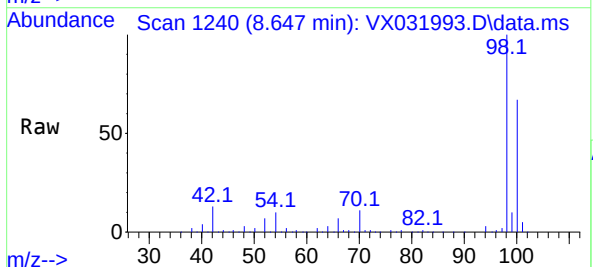
Instrument :
MSVOA_X
ClientSampleId :
DUP-092922

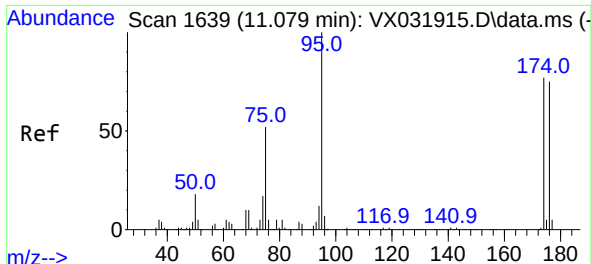
Tgt Ion: 98 Resp: 166737
Ion Ratio Lower Upper
98 100
100 66.7 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.594 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX031993.D
Acq: 08 Oct 2022 05:01

Tgt Ion: 43 Resp: 703
Ion Ratio Lower Upper
43 100
58 180.8 30.6 46.0#

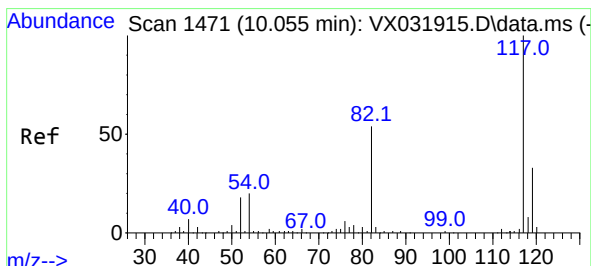
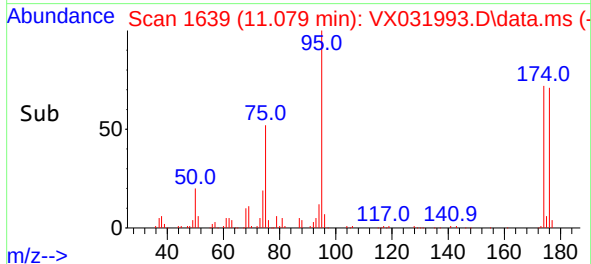
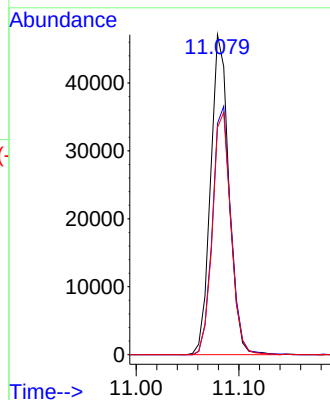
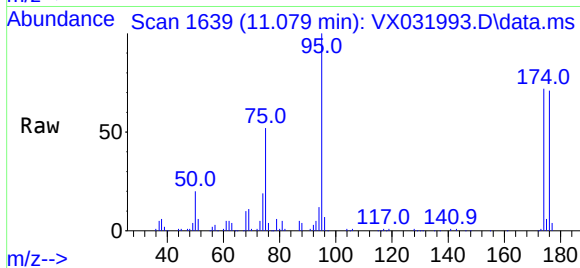




#62
4-Bromofluorobenzene
Concen: 48.754 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031993.D
Acq: 08 Oct 2022 05:01

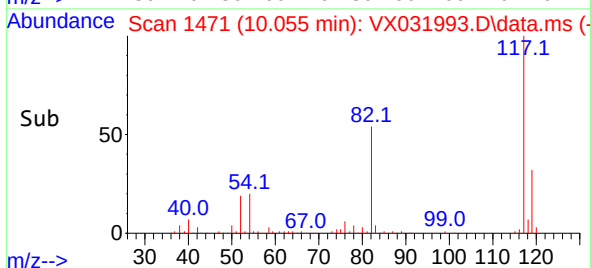
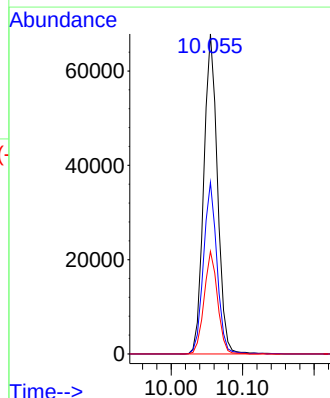
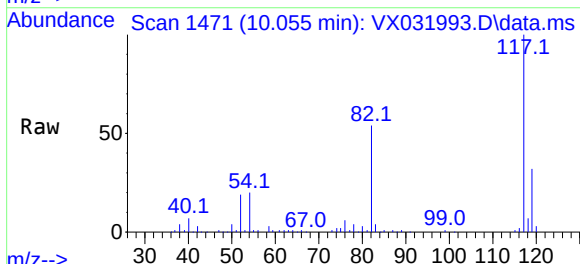
Instrument :
MSVOA_X
ClientSampleId :
DUP-092922

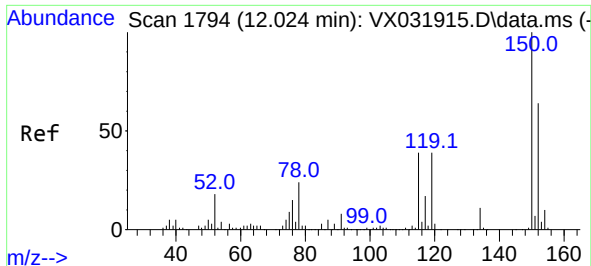
Tgt Ion: 95 Resp: 58439
Ion Ratio Lower Upper
95 100
174 78.4 0.0 153.2
176 76.1 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031993.D
Acq: 08 Oct 2022 05:01

Tgt Ion: 117 Resp: 90465
Ion Ratio Lower Upper
117 100
82 53.6 46.8 70.2
119 32.1 26.4 39.6

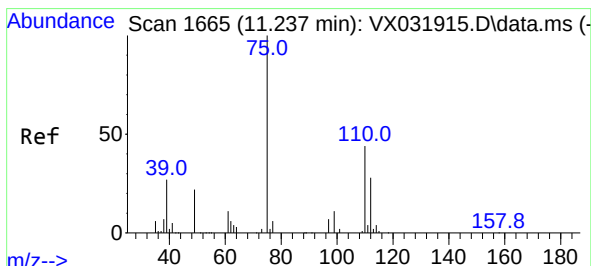
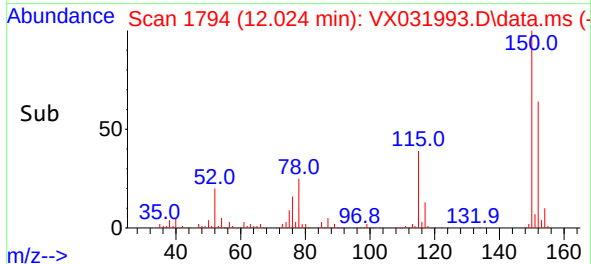
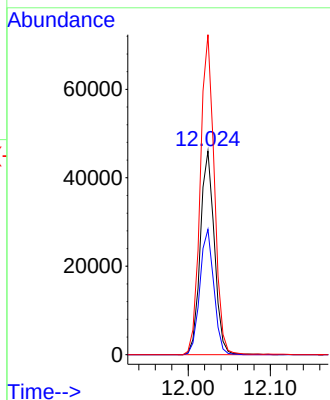
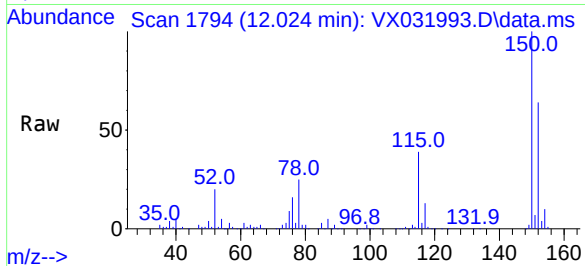




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031993.D
Acq: 08 Oct 2022 05:01

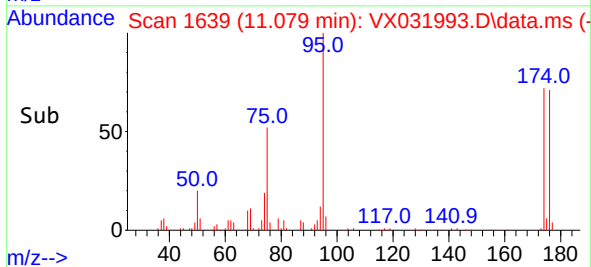
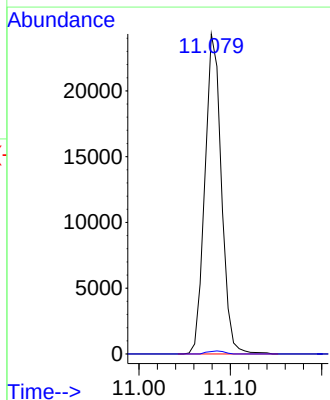
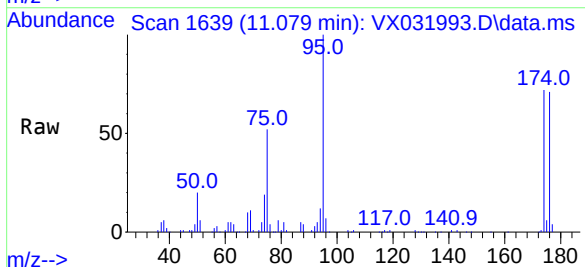
Instrument :
MSVOA_X
ClientSampleId :
DUP-092922

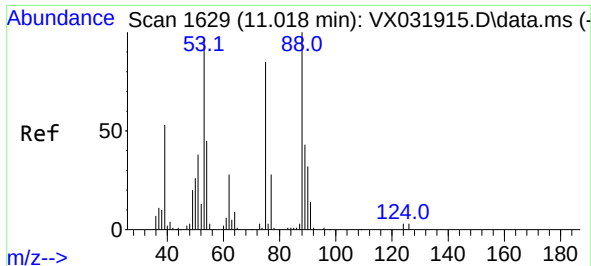
Tgt Ion:152 Resp: 54756
Ion Ratio Lower Upper
152 100
115 61.0 43.4 130.1
150 156.9 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 27.151 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031993.D
Acq: 08 Oct 2022 05:01

Tgt Ion: 75 Resp: 30470
Ion Ratio Lower Upper
75 100
77 1.0 20.3 60.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 93.016 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX031993.D
Acq: 08 Oct 2022 05:01

Instrument :
MSVOA_X
ClientSampleId :
DUP-092922

Tgt Ion: 75 Resp: 30470
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

