

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
 Data File : VX031931.D
 Acq On : 06 Oct 2022 20:28
 Operator : JC/MD
 Sample : N4883-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB092822

Quant Time: Oct 07 08:08:41 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)

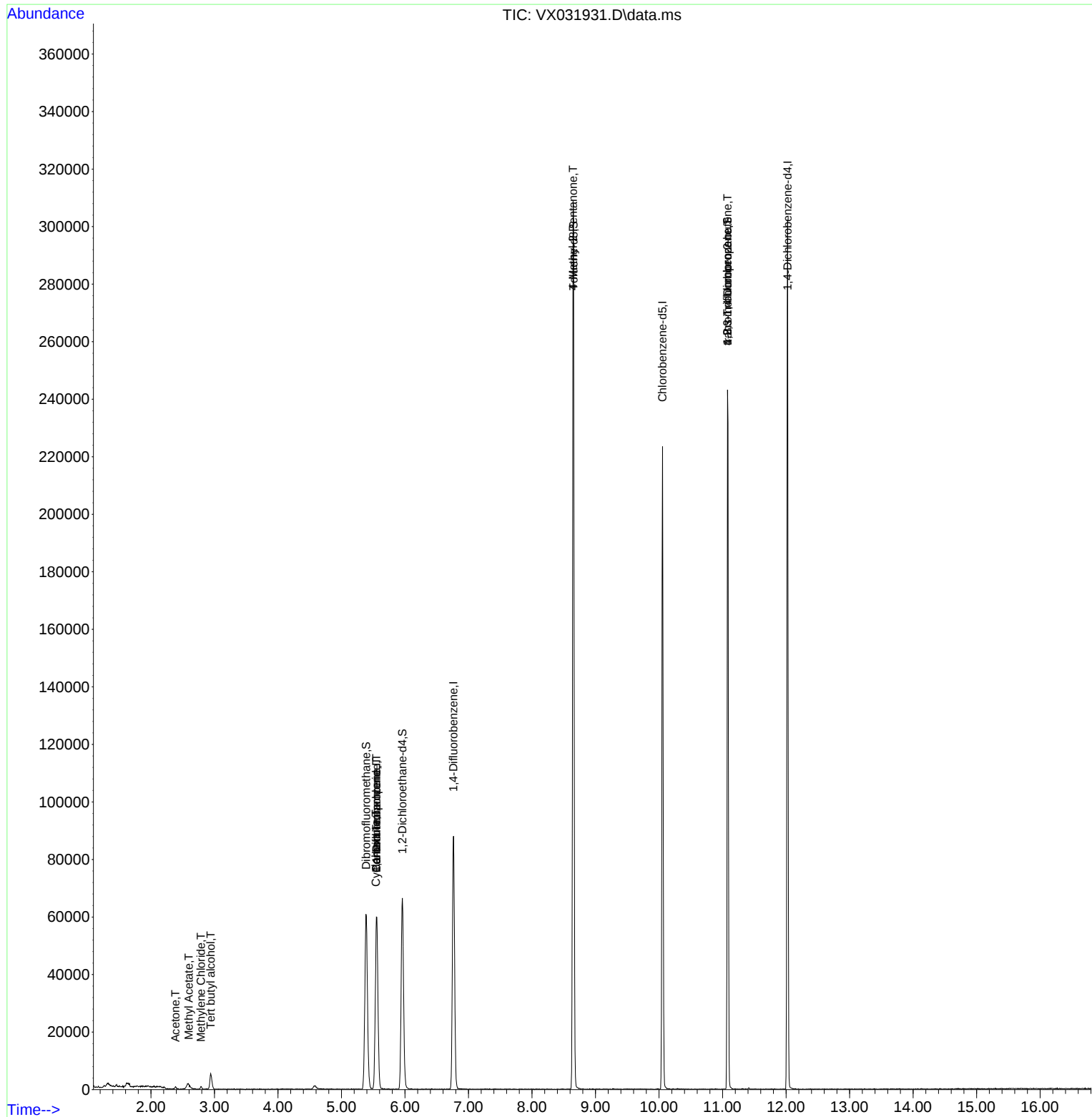
Internal Standards						
1) Pentafluorobenzene	5.550	168	57868	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	92658	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	99051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61680	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63151	52.842	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.680%	
35) Dibromofluoromethane	5.385	113	51592	49.190	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.380%	
50) Toluene-d8	8.653	98	189811	50.293	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.580%	
62) 4-Bromofluorobenzene	11.079	95	64240	48.147	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.300%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	294	Below Cal	#	74
11) Tert butyl alcohol	2.940	59	3235	21.757	ug/l #	73
16) Acetone	2.386	43	817	2.011	ug/l #	77
18) Methyl Acetate	2.593	43	1194	0.891	ug/l #	52
20) Methylene Chloride	2.788	84	402	0.377	ug/l #	81
31) Cyclohexane	5.544	56	1271	0.890	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	4494	3.231	ug/l #	50
38) Carbon Tetrachloride	5.550	117	5952	4.185	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	783	0.595	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32759	25.914	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	32759	88.941	ug/l #	11

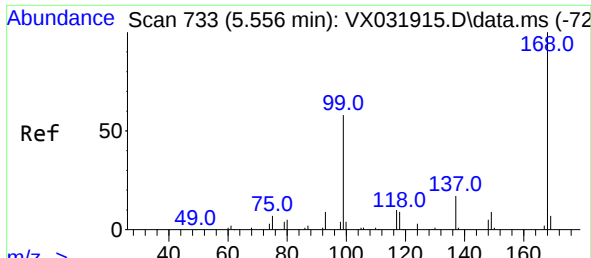
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
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Quant Time: Oct 07 08:08:41 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

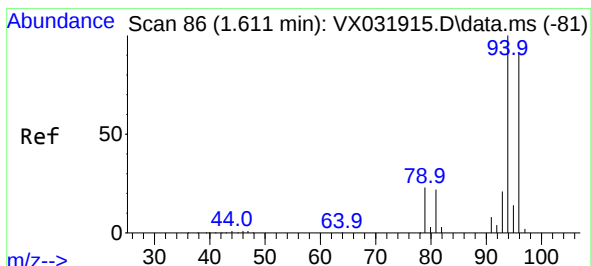
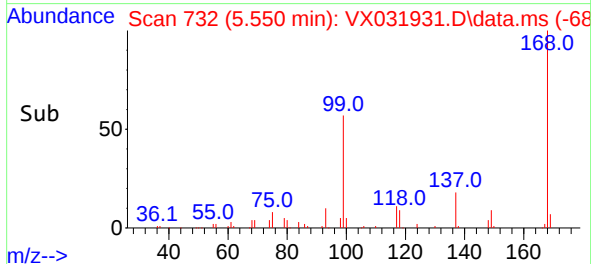
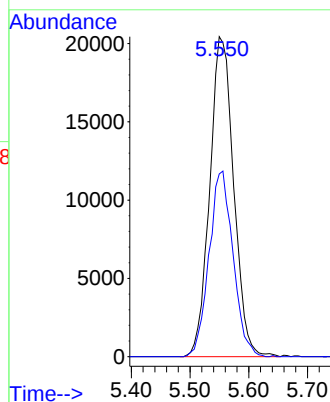
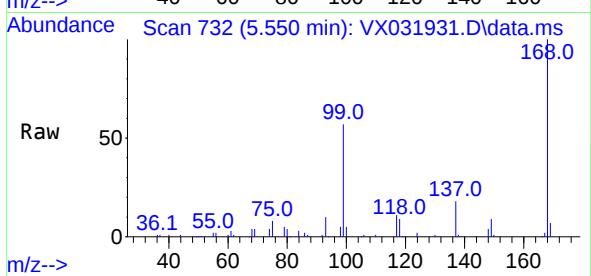




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031931.D
Acq: 06 Oct 2022 20:28

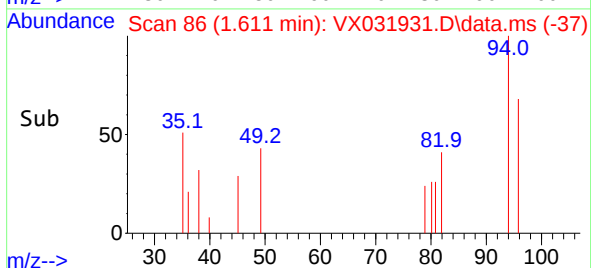
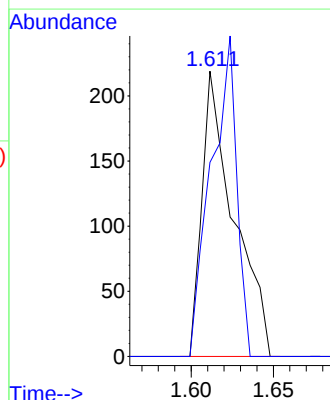
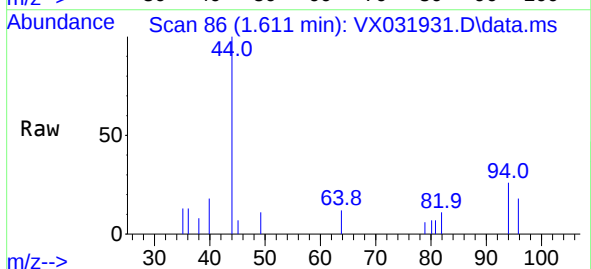
Instrument :
MSVOA_X
ClientSampleId :
TB092822

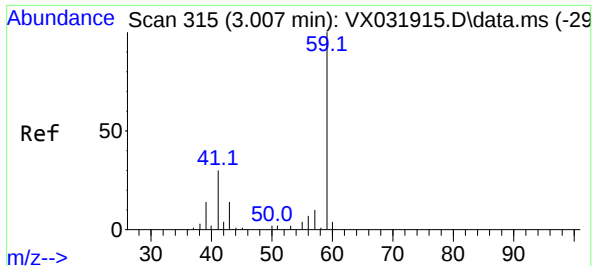
Tgt Ion:168 Resp: 57868
Ion Ratio Lower Upper
168 100
99 57.1 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX031931.D
Acq: 06 Oct 2022 20:28

Tgt Ion: 94 Resp: 294
Ion Ratio Lower Upper
94 100
96 68.0 74.4 111.6#





#11

Tert butyl alcohol

Concen: 21.757 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.067 min

Lab File: VX031931.D

Acq: 06 Oct 2022 20:28

Instrument :

MSVOA_X

ClientSampleId :

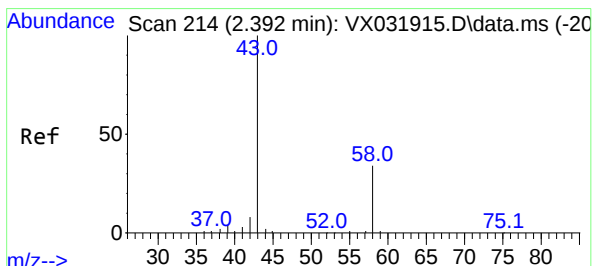
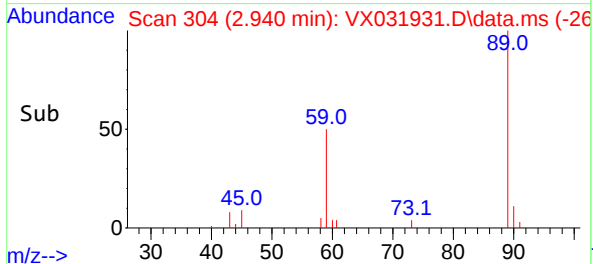
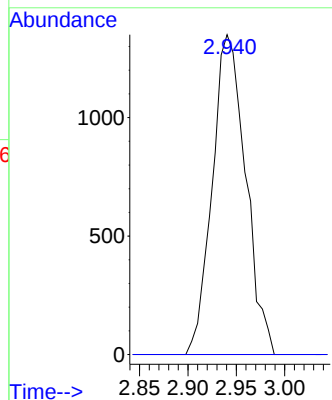
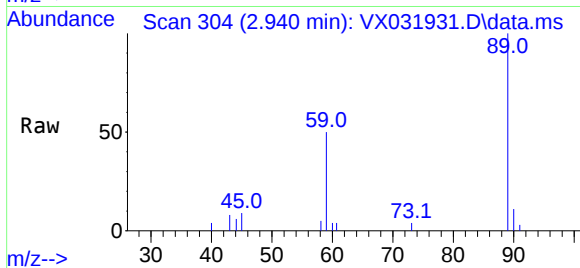
TB092822

Tgt Ion: 59 Resp: 3235

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: 2.011 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX031931.D

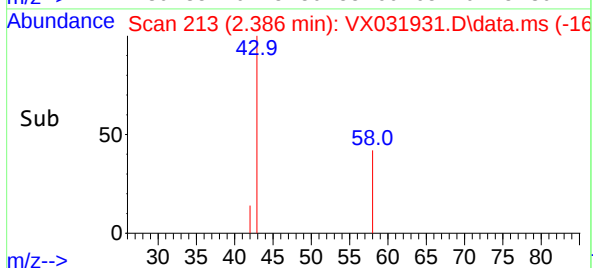
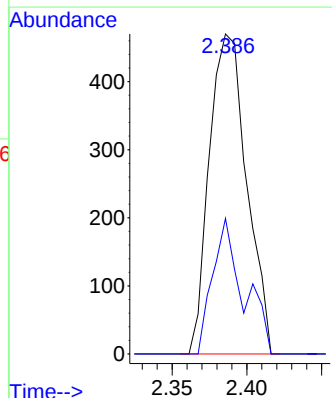
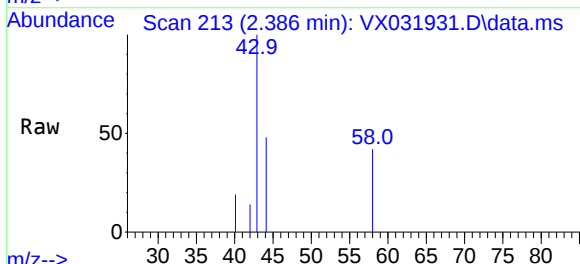
Acq: 06 Oct 2022 20:28

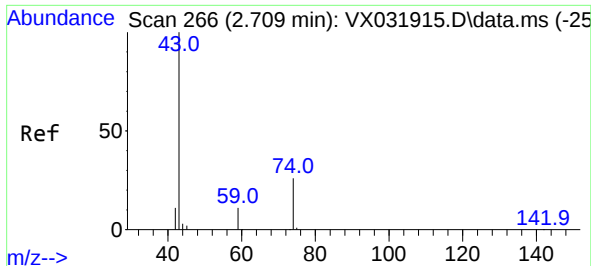
Tgt Ion: 43 Resp: 817

Ion Ratio Lower Upper

43 100

58 42.3 23.8 35.8#

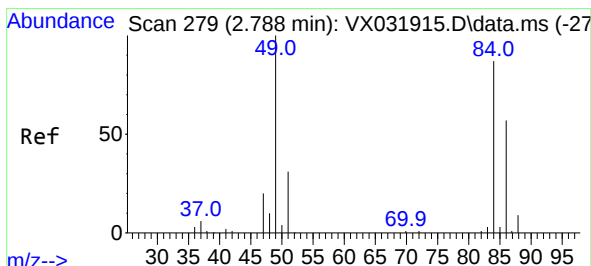
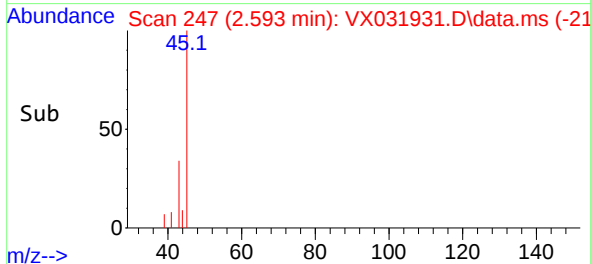
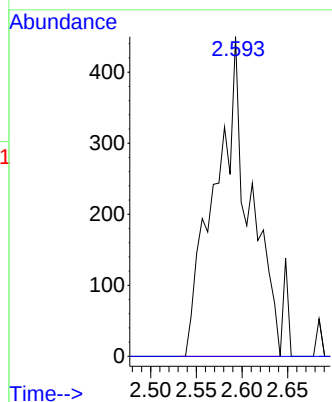
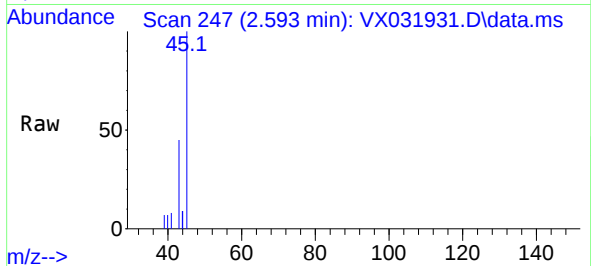




#18
Methyl Acetate
Concen: 0.891 ug/l
RT: 2.593 min Scan# 247
Delta R.T. -0.116 min
Lab File: VX031931.D
Acq: 06 Oct 2022 20:28

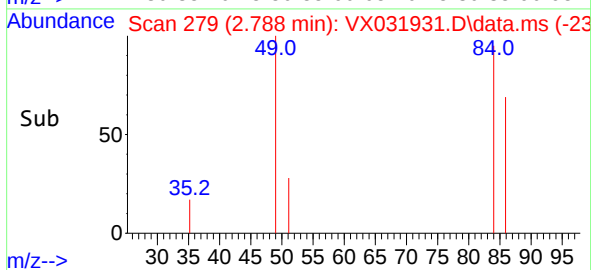
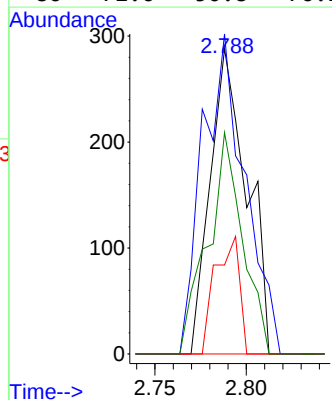
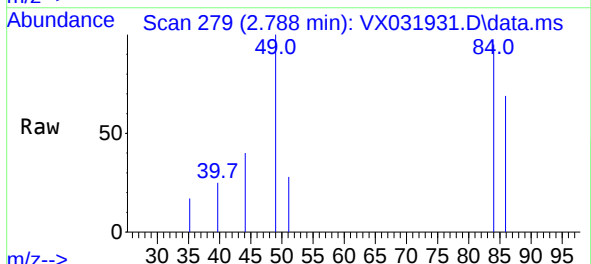
Instrument :
MSVOA_X
ClientSampleId :
TB092822

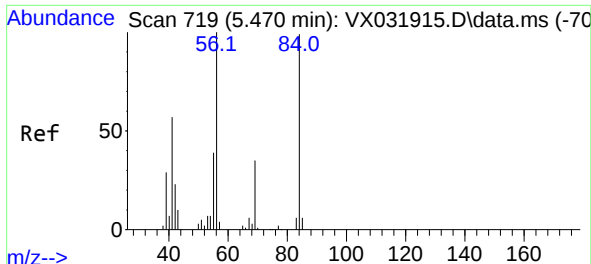
Tgt Ion: 43 Resp: 1194
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#



#20
Methylene Chloride
Concen: 0.377 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031931.D
Acq: 06 Oct 2022 20:28

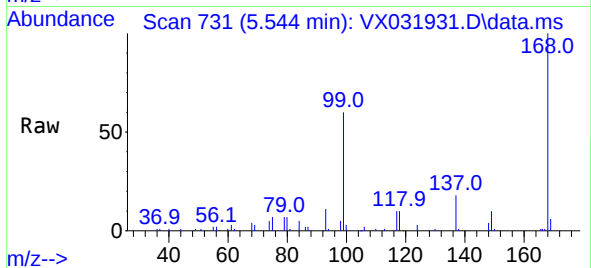
Tgt Ion: 84 Resp: 402
Ion Ratio Lower Upper
84 100
49 104.9 105.9 158.9#
51 29.2 32.2 48.2#
86 72.6 50.8 76.2



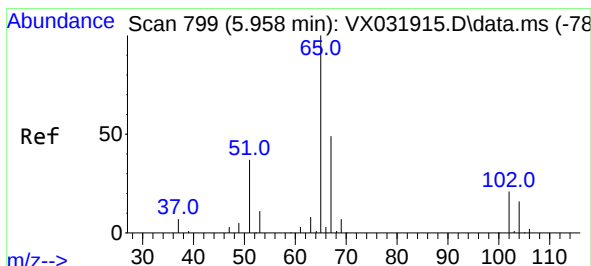
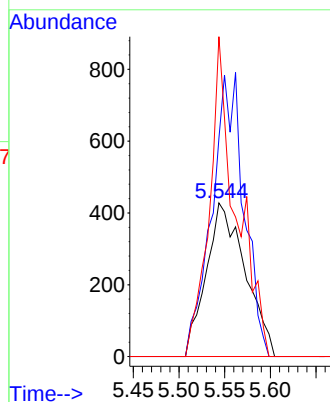
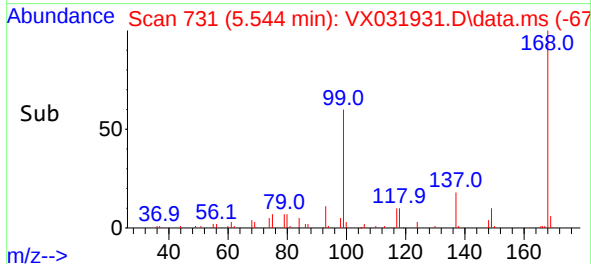


#31
Cyclohexane
Concen: 0.890 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX031931.D
Acq: 06 Oct 2022 20:28

Instrument :
MSVOA_X
ClientSampleId :
TB092822

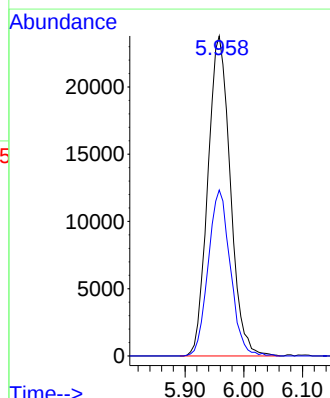
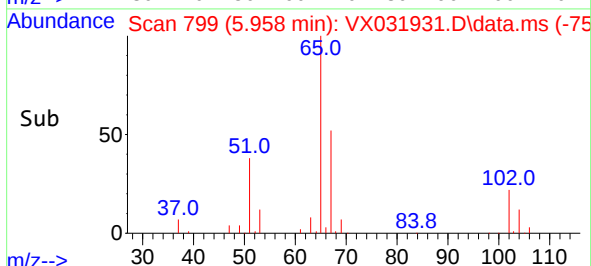
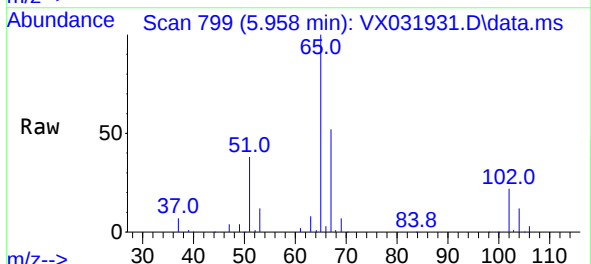


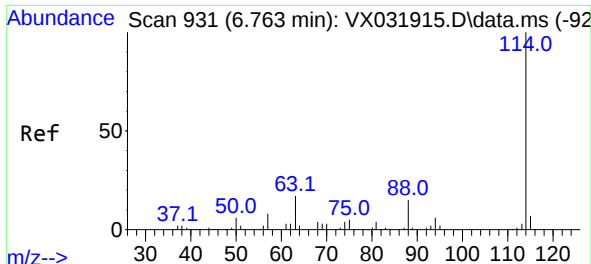
Tgt Ion: 56 Resp: 1271
Ion Ratio Lower Upper
56 100
69 142.1 25.1 37.7#
84 208.2 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 52.842 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031931.D
Acq: 06 Oct 2022 20:28

Tgt Ion: 65 Resp: 63151
Ion Ratio Lower Upper
65 100
67 51.1 0.0 102.4

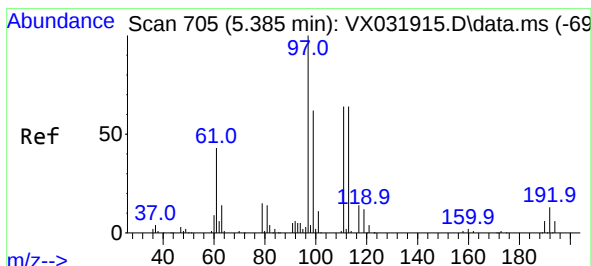
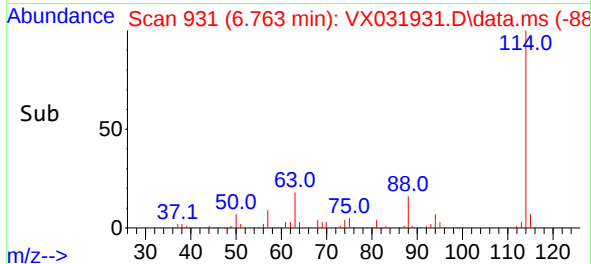
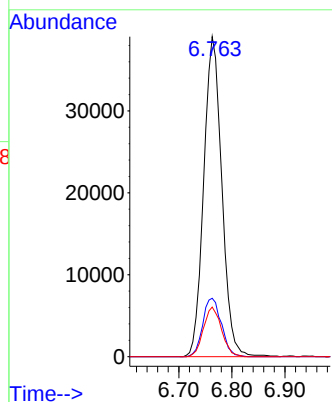
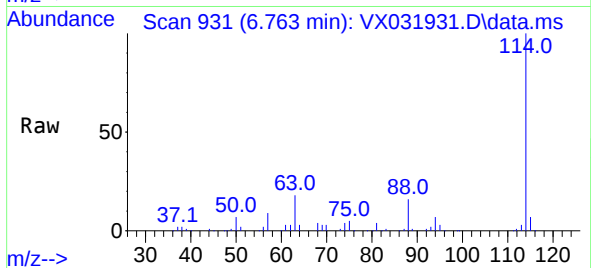




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031931.D
Acq: 06 Oct 2022 20:28

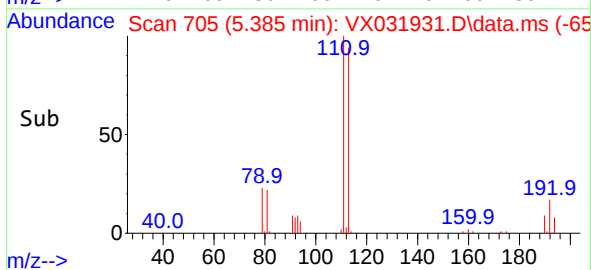
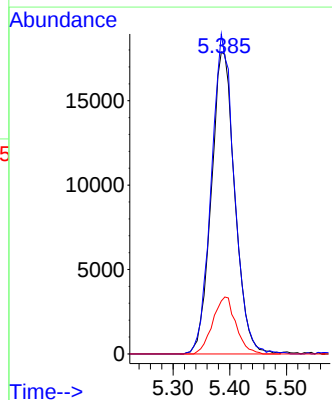
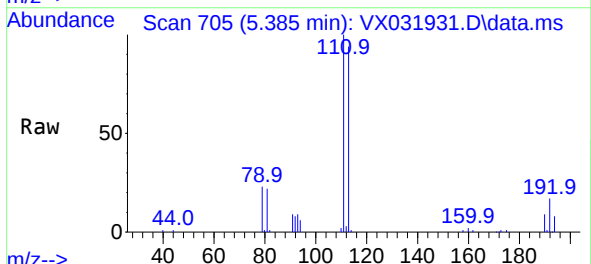
Instrument :
MSVOA_X
ClientSampleId :
TB092822

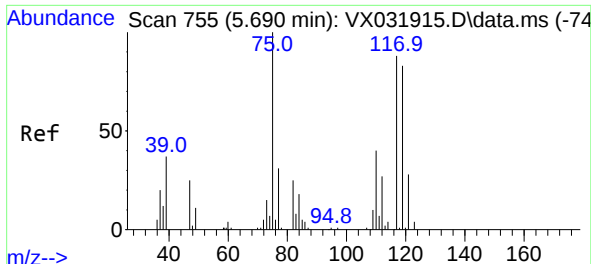
Tgt Ion:114 Resp: 92658
Ion Ratio Lower Upper
114 100
63 18.2 0.0 42.6
88 15.5 0.0 33.0



#35
Dibromofluoromethane
Concen: 49.190 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031931.D
Acq: 06 Oct 2022 20:28

Tgt Ion:113 Resp: 51592
Ion Ratio Lower Upper
113 100
111 103.7 82.4 123.6
192 18.5 14.1 21.1





#36

1,1-Dichloropropene

Concen: 3.231 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX031931.D

Acq: 06 Oct 2022 20:28

Instrument :

MSVOA_X

ClientSampleId :

TB092822

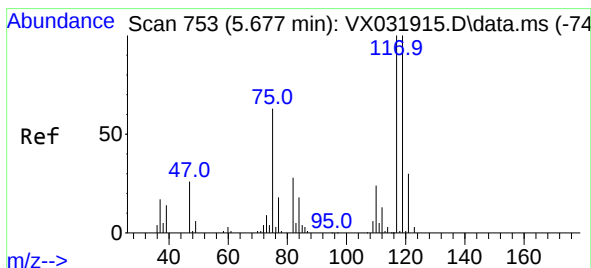
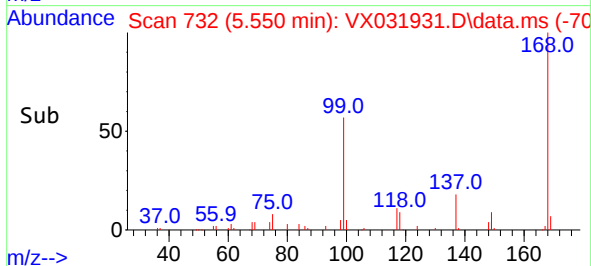
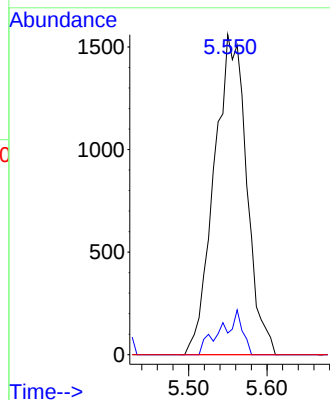
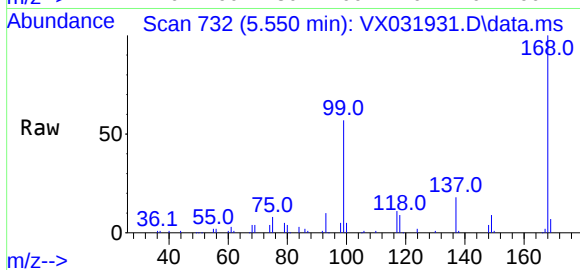
Tgt Ion: 75 Resp: 4494

Ion Ratio Lower Upper

75 100

110 9.3 17.5 52.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 4.185 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.127 min

Lab File: VX031931.D

Acq: 06 Oct 2022 20:28

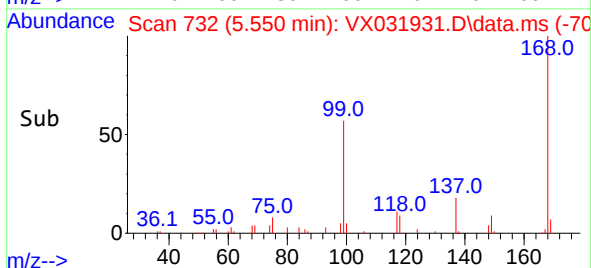
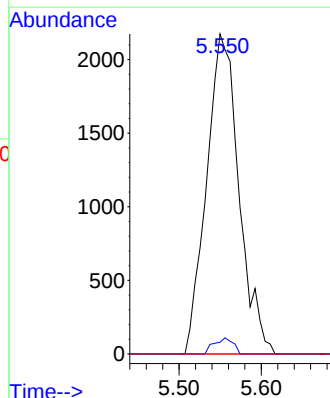
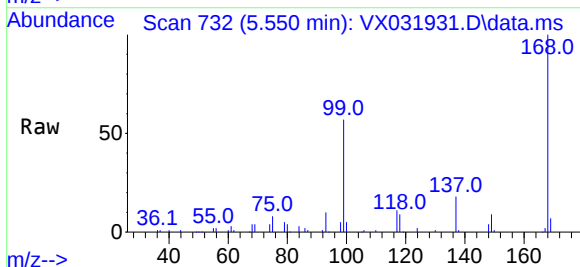
Tgt Ion: 117 Resp: 5952

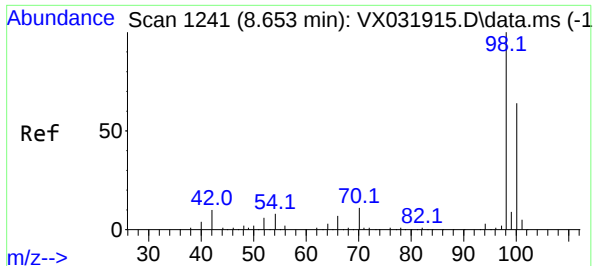
Ion Ratio Lower Upper

117 100

119 3.7 74.6 112.0#

121 0.0 25.3 37.9#

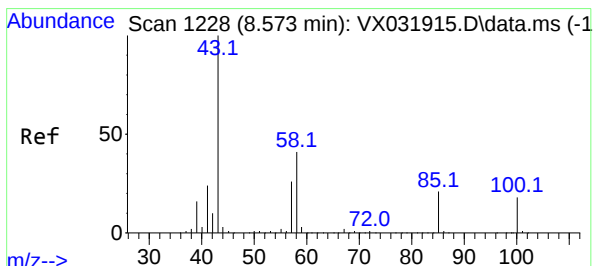
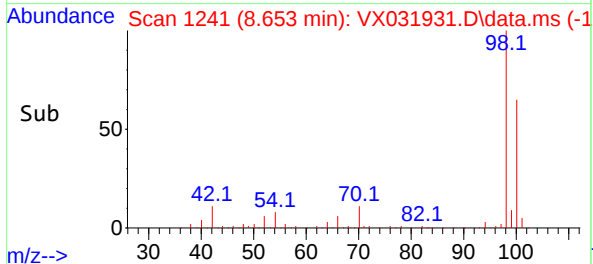
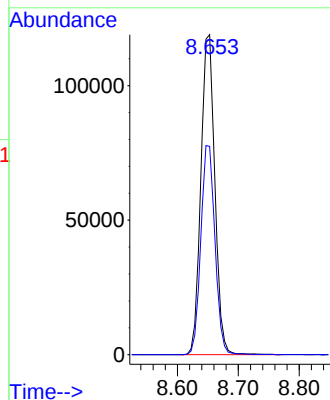
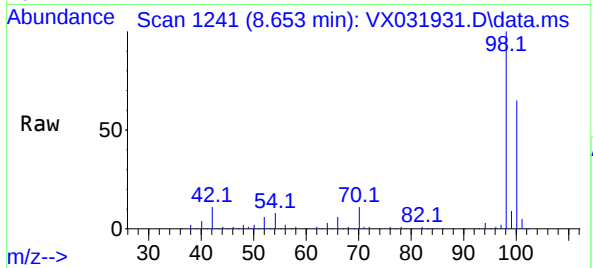




#50
Toluene-d8
Concen: 50.293 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031931.D
Acq: 06 Oct 2022 20:28

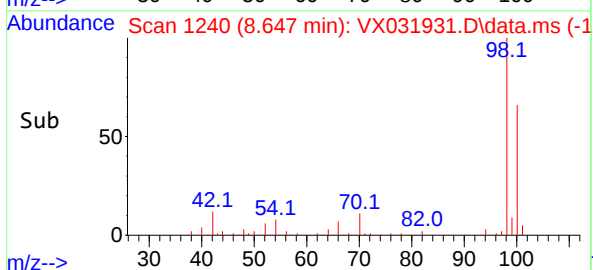
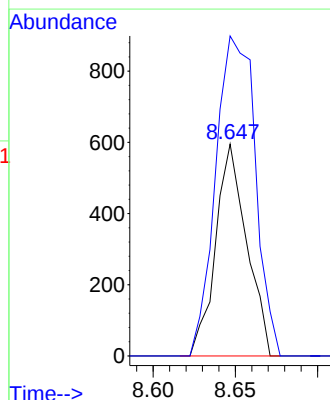
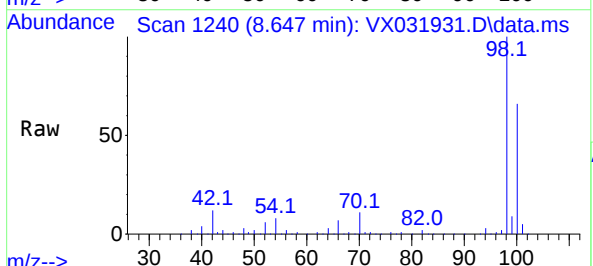
Instrument :
MSVOA_X
ClientSampleId :
TB092822

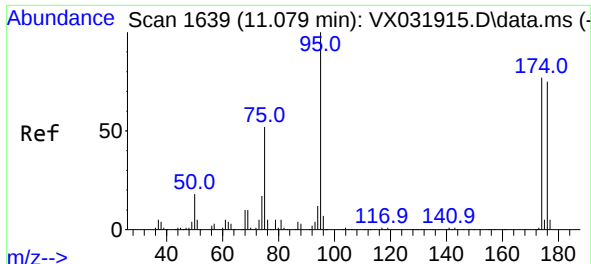
Tgt Ion: 98 Resp: 189811
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.595 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX031931.D
Acq: 06 Oct 2022 20:28

Tgt Ion: 43 Resp: 783
Ion Ratio Lower Upper
43 100
58 192.3 30.6 46.0#

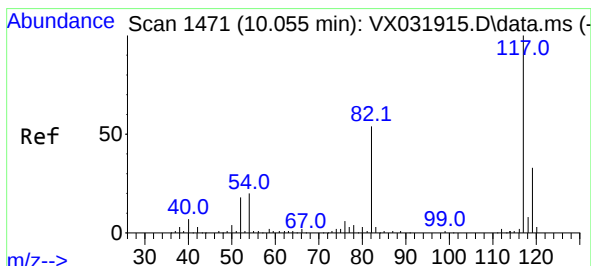
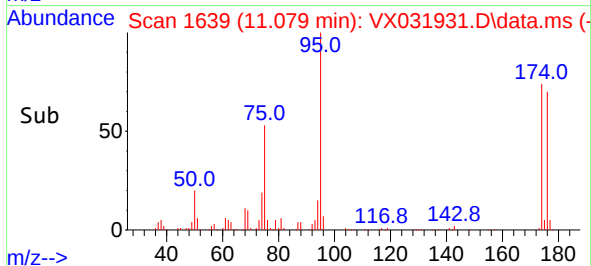
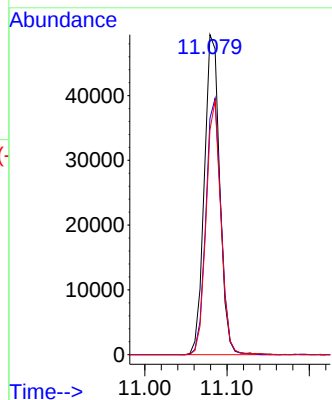
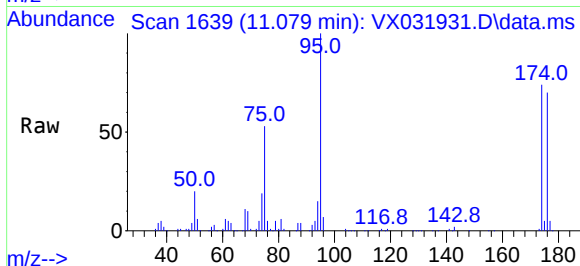




#62
4-Bromofluorobenzene
Concen: 48.147 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031931.D
Acq: 06 Oct 2022 20:28

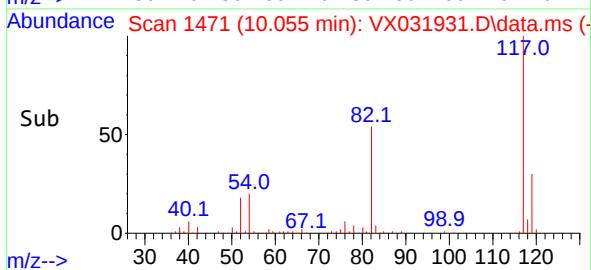
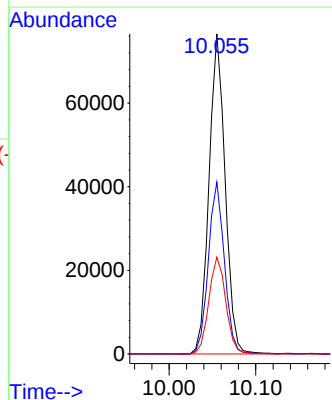
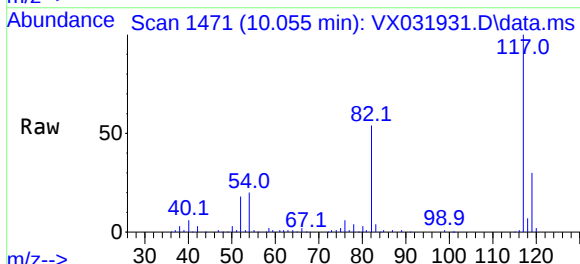
Instrument :
MSVOA_X
ClientSampleId :
TB092822

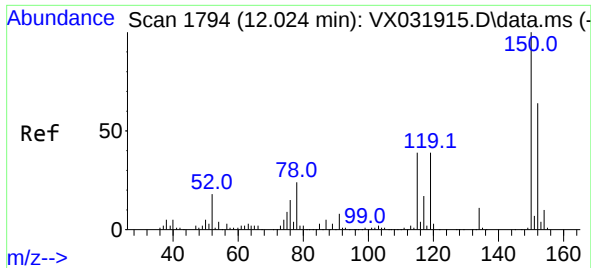
Tgt Ion: 95 Resp: 64240
Ion Ratio Lower Upper
95 100
174 78.8 0.0 153.2
176 76.3 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031931.D
Acq: 06 Oct 2022 20:28

Tgt Ion: 117 Resp: 99051
Ion Ratio Lower Upper
117 100
82 53.7 46.8 70.2
119 30.3 26.4 39.6

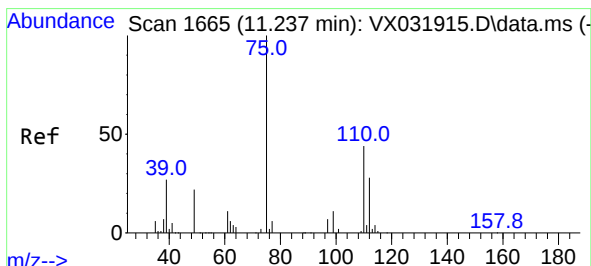
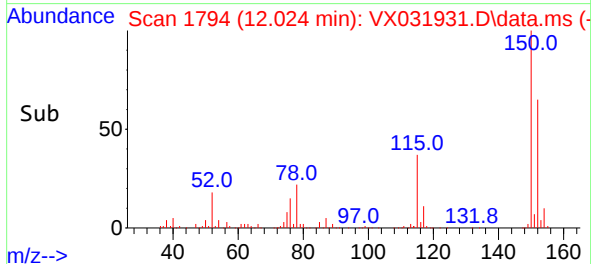
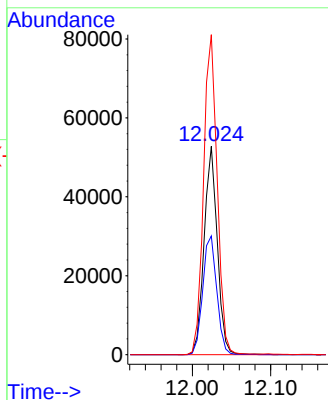
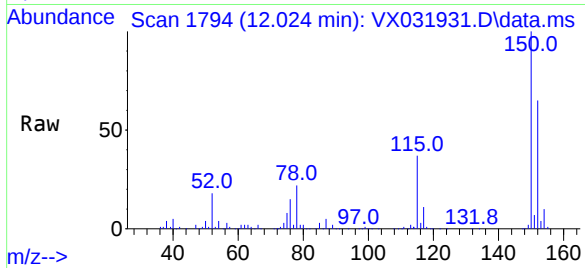




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031931.D
Acq: 06 Oct 2022 20:28

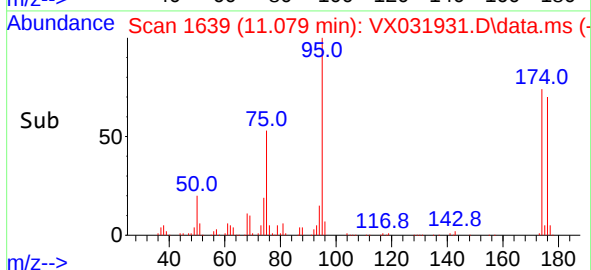
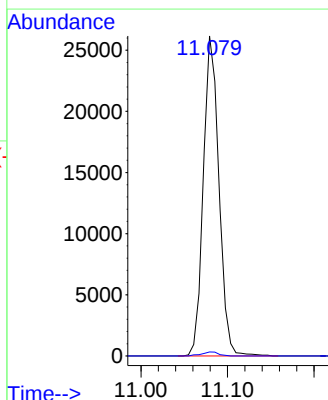
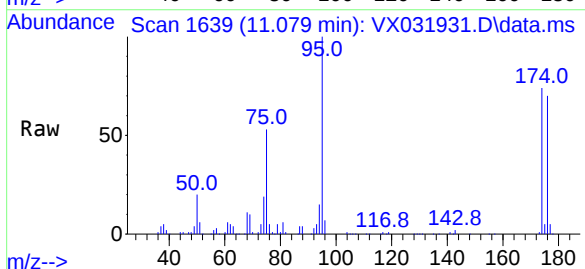
Instrument :
MSVOA_X
ClientSampleId :
TB092822

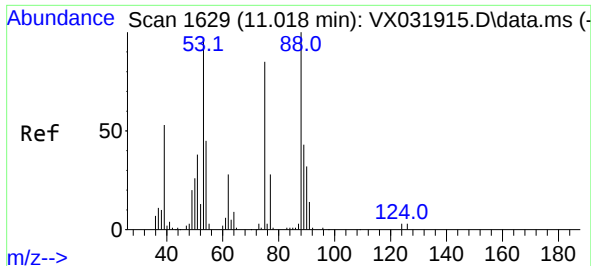
Tgt Ion:152 Resp: 61680
Ion Ratio Lower Upper
152 100
115 60.7 43.4 130.1
150 158.4 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 25.914 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031931.D
Acq: 06 Oct 2022 20:28

Tgt Ion: 75 Resp: 32759
Ion Ratio Lower Upper
75 100
77 1.3 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.941 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX031931.D
 Acq: 06 Oct 2022 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 TB092822

Tgt Ion: 75 Resp: 32759
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

