

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100722\
 Data File : VX031958.D
 Acq On : 07 Oct 2022 13:38
 Operator : JC/MD
 Sample : N4883-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB092622

Quant Time: Oct 08 05:10:34 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)

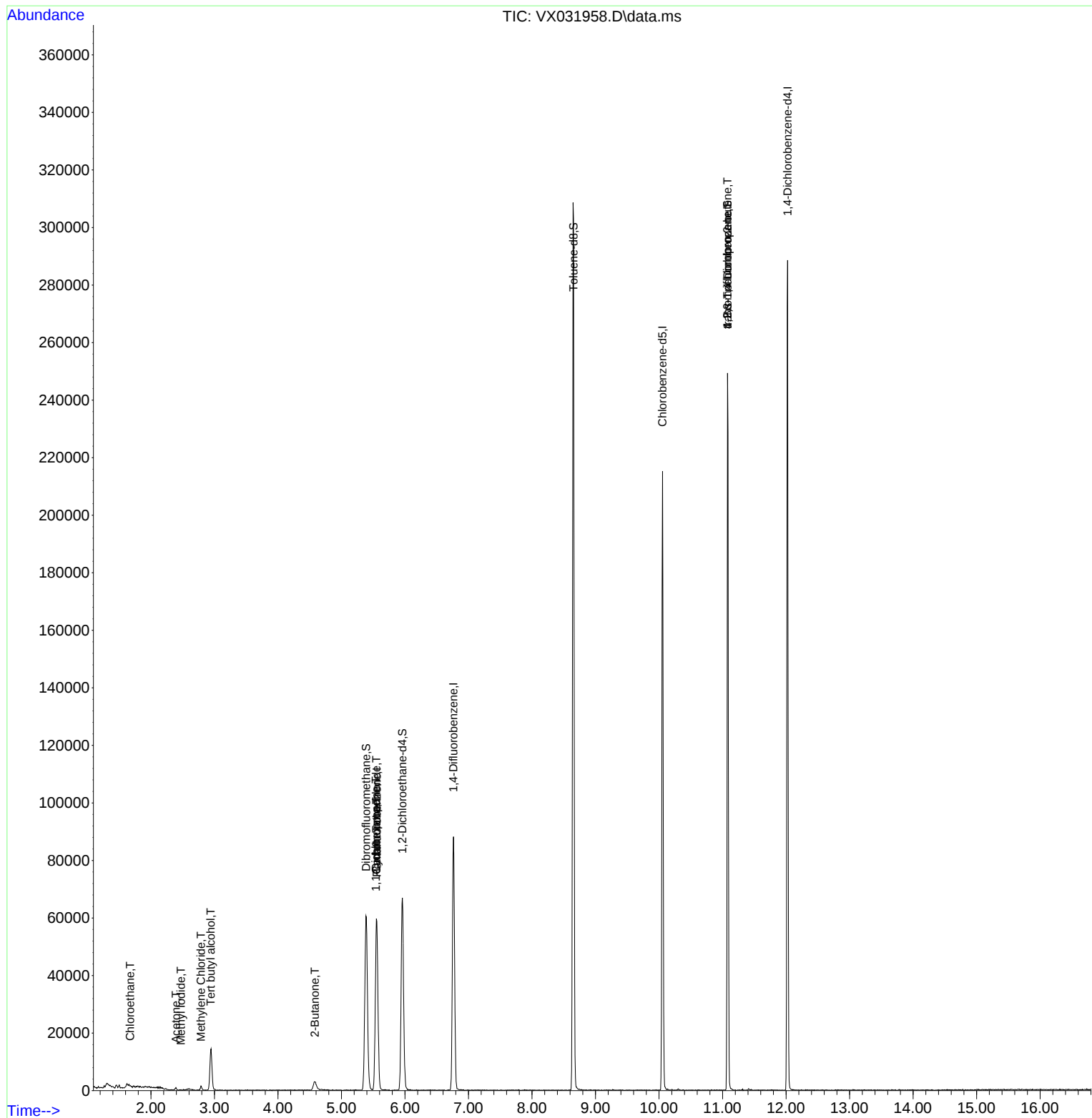
Internal Standards						
1) Pentafluorobenzene	5.556	168	57282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	92391	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	97048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63403	53.595	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 107.200%		
35) Dibromofluoromethane	5.385	113	52321	50.029	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 100.060%		
50) Toluene-d8	8.653	98	186979	49.686	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 99.380%		
62) 4-Bromofluorobenzene	11.079	95	63417	47.668	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 95.340%		
Target Compounds						Qvalue
5) Bromomethane	1.618	94	305	Below Cal		97
6) Chloroethane	1.672	64	184	0.207 ug/l	#	43
10) Methyl Iodide	2.471	142	19	2.774 ug/l	#	1
11) Tert butyl alcohol	2.941	59	8647	58.749 ug/l	#	73
16) Acetone	2.392	43	852	2.119 ug/l	#	79
20) Methylene Chloride	2.788	84	633	0.599 ug/l	#	80
25) 2-Butanone	4.580	43	208	0.331 ug/l	#	49
31) Cyclohexane	5.550	56	1383	0.979 ug/l	#	19
36) 1,1-Dichloropropene	5.544	75	4560	3.288 ug/l	#	47
38) Carbon Tetrachloride	5.550	117	5778	4.075 ug/l	#	16
76) 1,2,3-Trichloropropane	11.079	75	33095	27.779 ug/l	#	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33095	95.084 ug/l	#	11

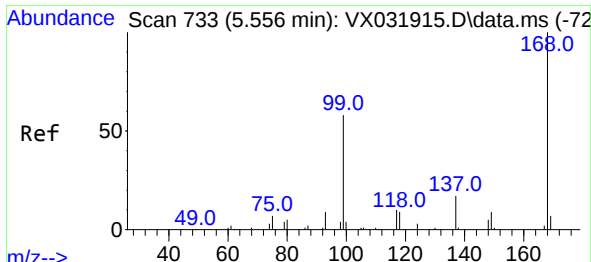
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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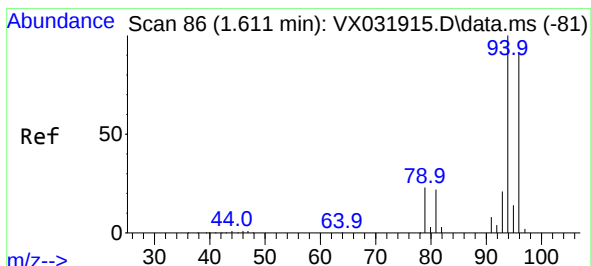
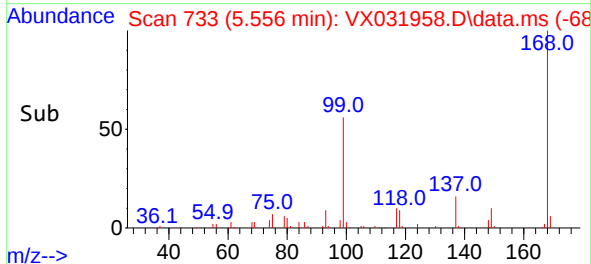
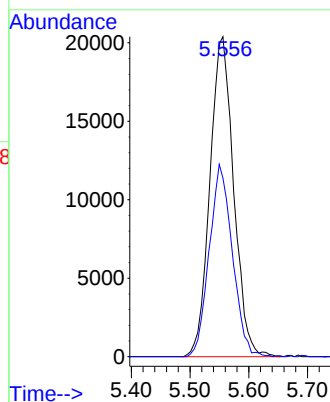
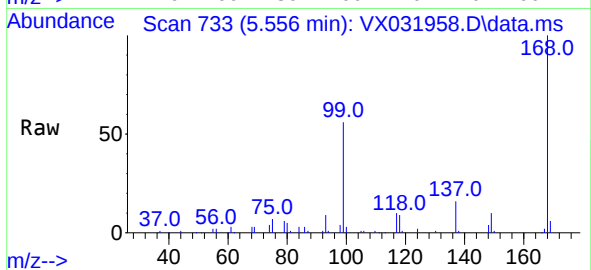




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031958.D
Acq: 07 Oct 2022 13:38

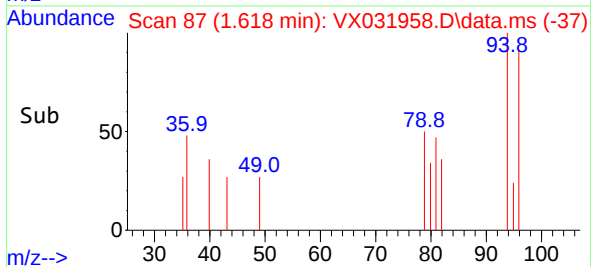
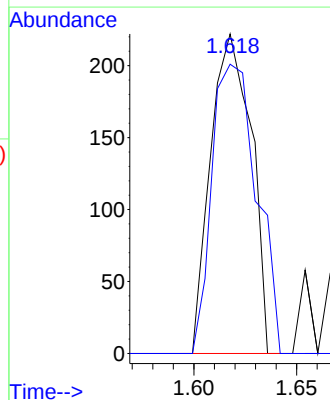
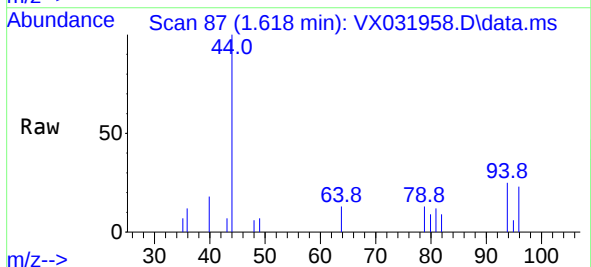
Instrument :
MSVOA_X
ClientSampleId :
FB092622

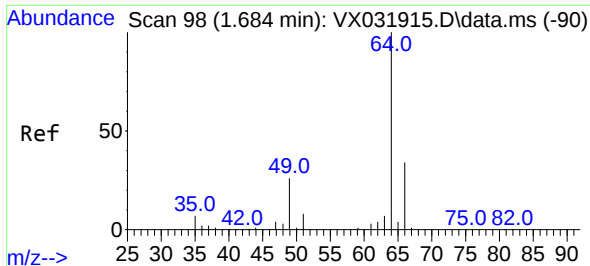
Tgt Ion:168 Resp: 57282
Ion Ratio Lower Upper
168 100
99 55.8 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX031958.D
Acq: 07 Oct 2022 13:38

Tgt Ion: 94 Resp: 305
Ion Ratio Lower Upper
94 100
96 90.5 74.4 111.6

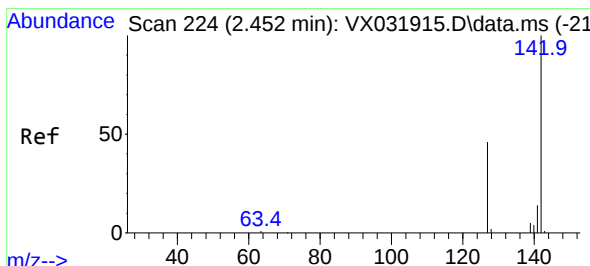
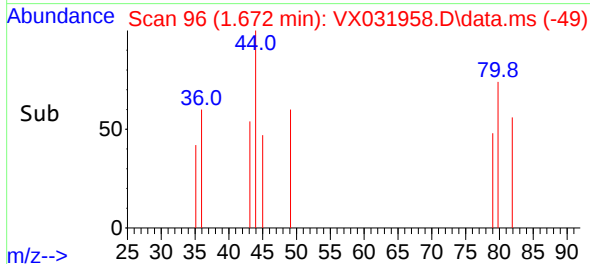
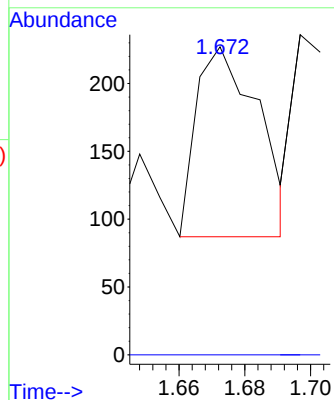
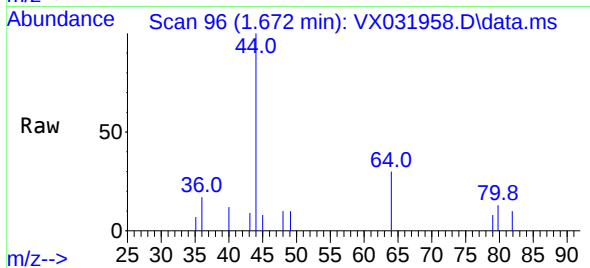




#6
Chloroethane
Concen: 0.207 ug/l
RT: 1.672 min Scan# 90
Delta R.T. -0.012 min
Lab File: VX031958.D
Acq: 07 Oct 2022 13:38

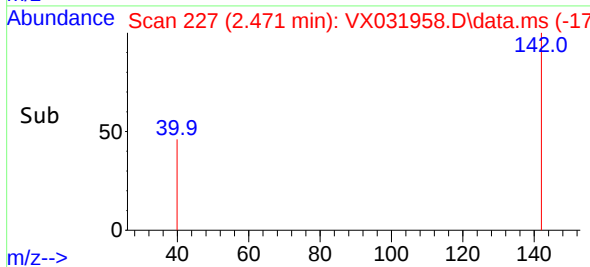
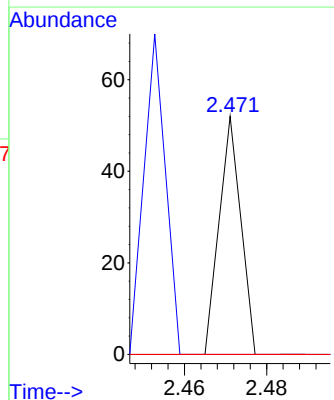
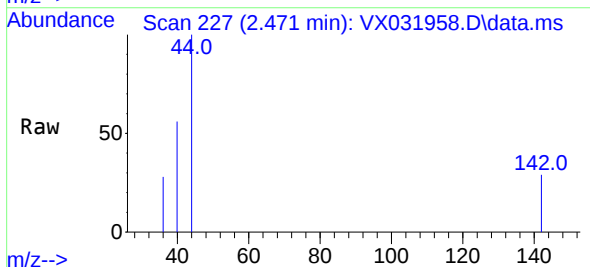
Instrument :
MSVOA_X
ClientSampleId :
FB092622

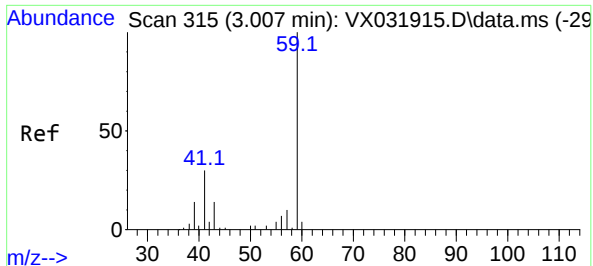
Tgt Ion: 64 Resp: 184
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 2.774 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.019 min
Lab File: VX031958.D
Acq: 07 Oct 2022 13:38

Tgt Ion: 142 Resp: 19
Ion Ratio Lower Upper
142 100
127 136.8 37.4 56.0#
141 0.0 11.6 17.4#





#11

Tert butyl alcohol

Concen: 58.749 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.066 min

Lab File: VX031958.D

Acq: 07 Oct 2022 13:38

Instrument :

MSVOA_X

ClientSampleId :

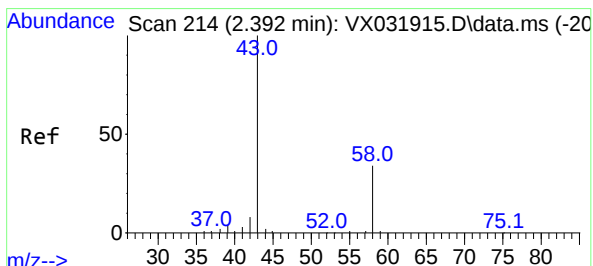
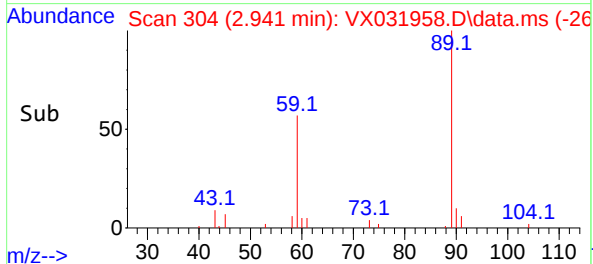
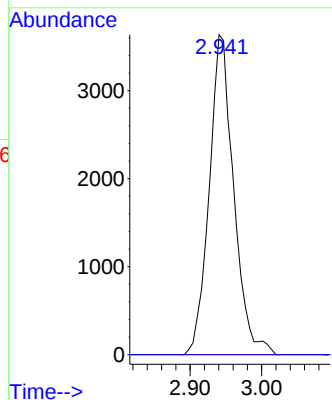
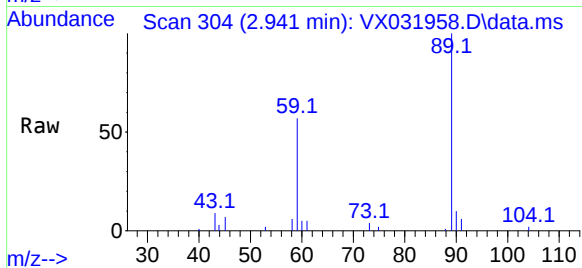
FB092622

Tgt Ion: 59 Resp: 8647

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: 2.119 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX031958.D

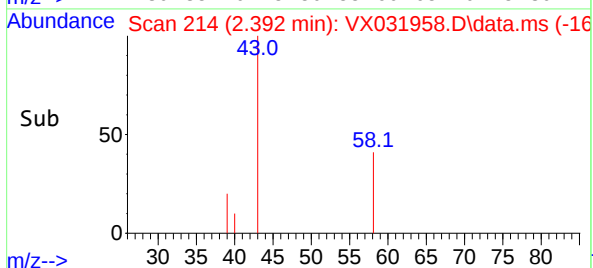
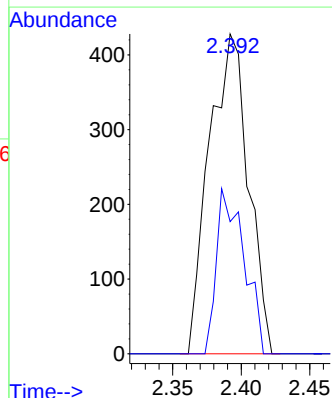
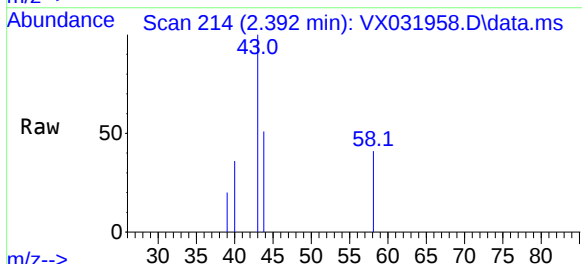
Acq: 07 Oct 2022 13:38

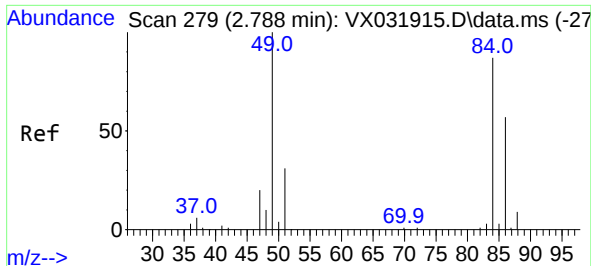
Tgt Ion: 43 Resp: 852

Ion Ratio Lower Upper

43 100

58 41.4 23.8 35.8#



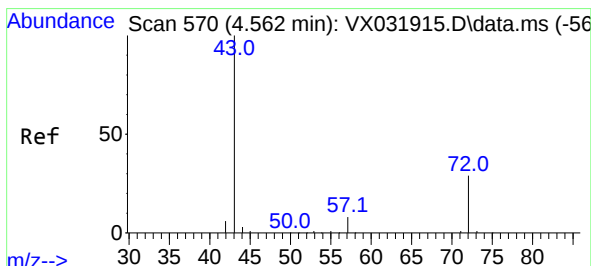
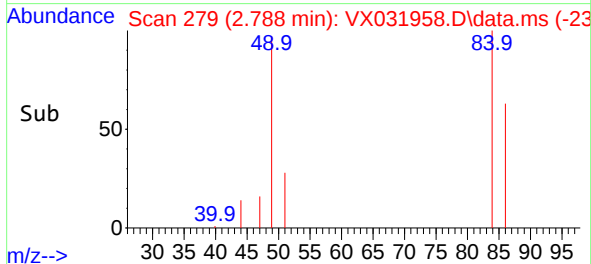
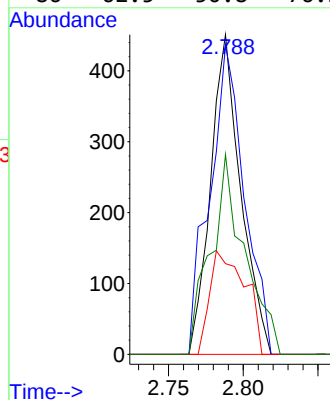
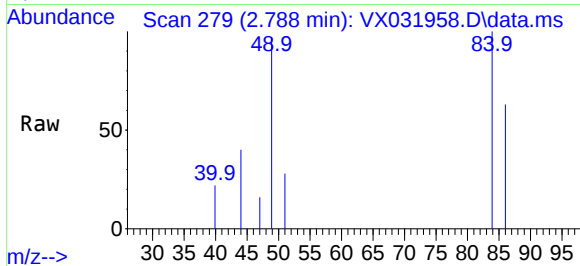


#20
Methylene Chloride
Concen: 0.599 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX031958.D
Acq: 07 Oct 2022 13:38

Instrument :
MSVOA_X
ClientSampleId :
FB092622

Tgt Ion: 84 Resp: 633

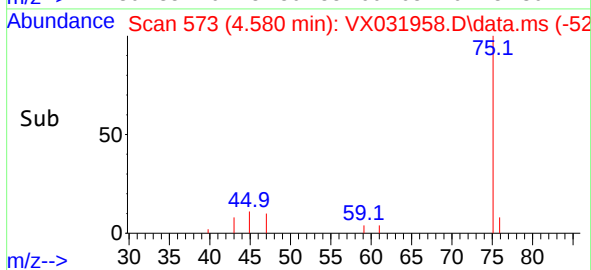
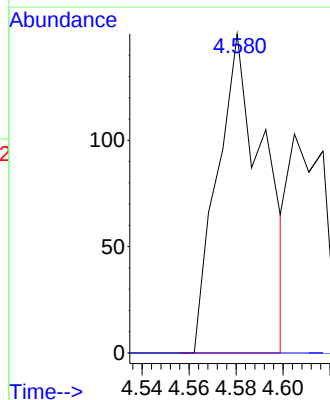
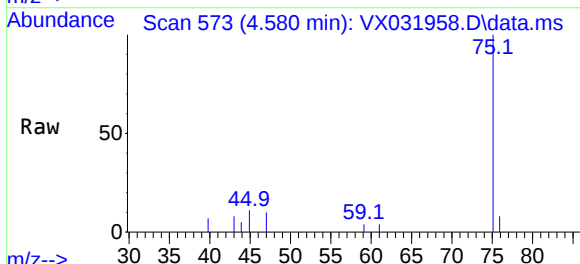
Ion	Ratio	Lower	Upper
84	100		
49	96.9	105.9	158.9#
51	28.4	32.2	48.2#
86	62.5	50.8	76.2

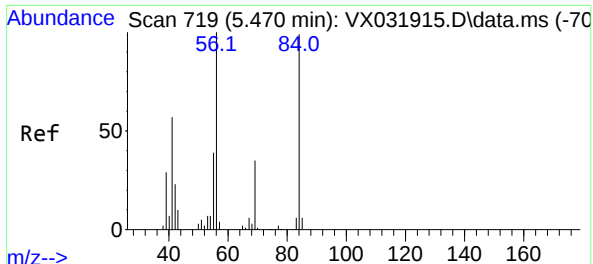


#25
2-Butanone
Concen: 0.331 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX031958.D
Acq: 07 Oct 2022 13:38

Tgt Ion: 43 Resp: 208

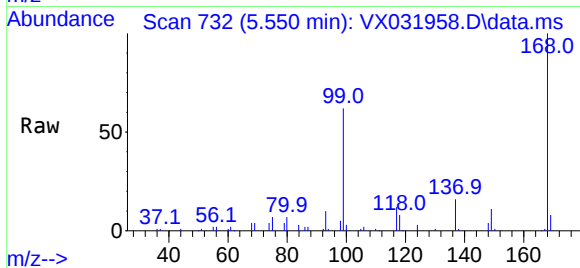
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.1	31.7#



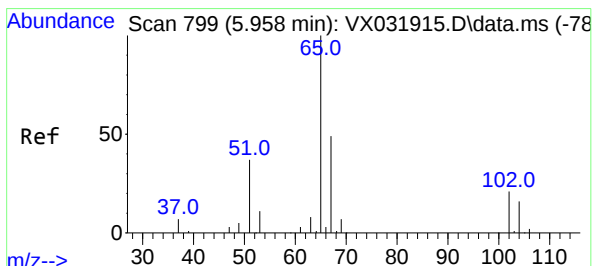
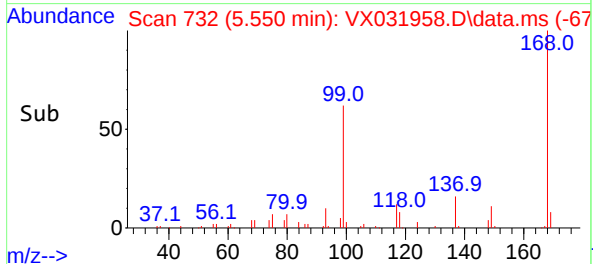
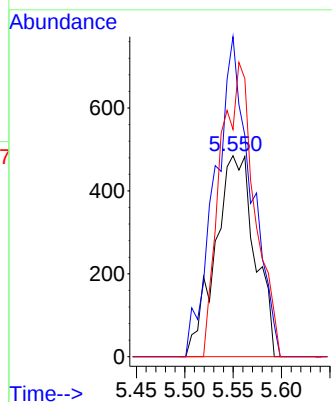


#31
Cyclohexane
Concen: 0.979 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX031958.D
Acq: 07 Oct 2022 13:38

Instrument :
MSVOA_X
ClientSampleId :
FB092622

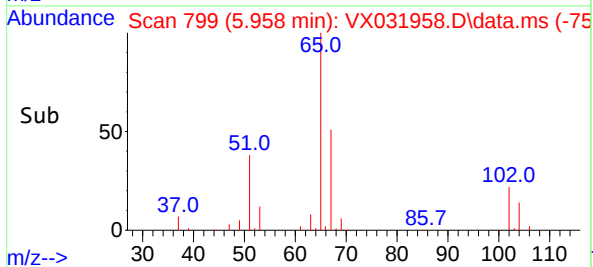
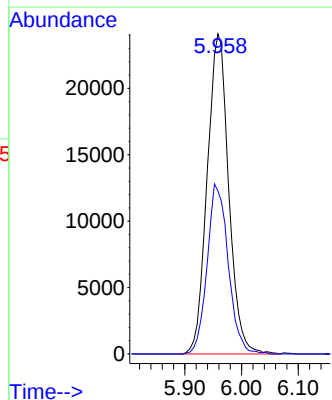
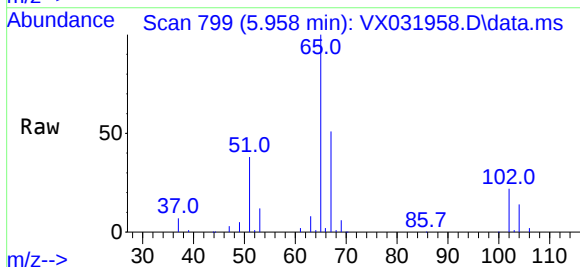


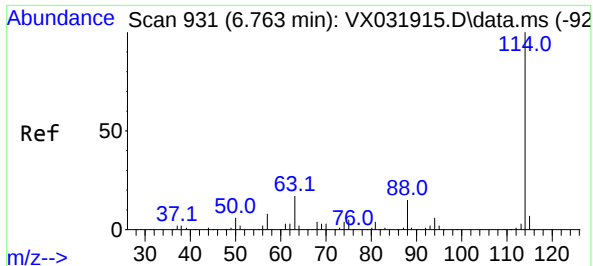
Tgt Ion: 56 Resp: 1383
Ion Ratio Lower Upper
56 100
69 159.2 25.1 37.7#
84 113.0 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 53.595 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031958.D
Acq: 07 Oct 2022 13:38

Tgt Ion: 65 Resp: 63403
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.4

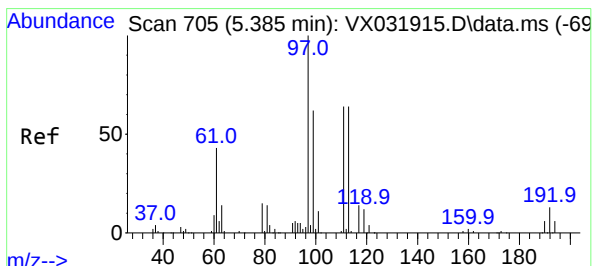
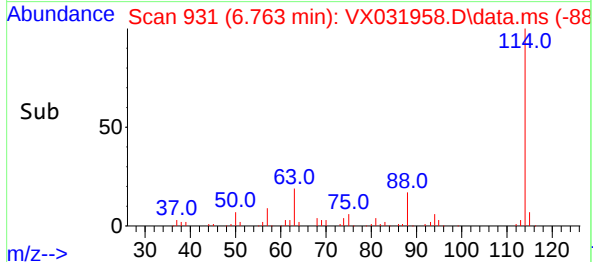
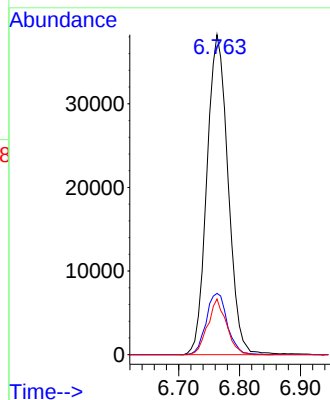
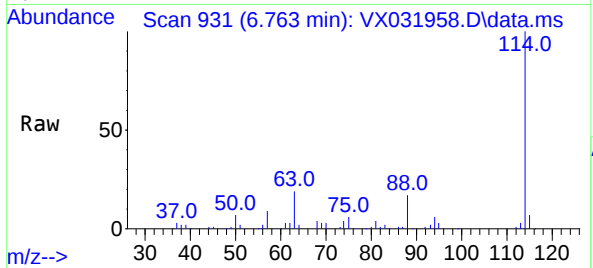




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031958.D
Acq: 07 Oct 2022 13:38

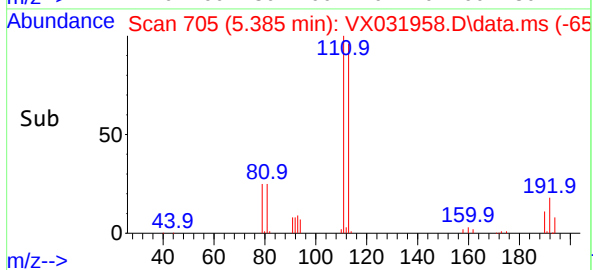
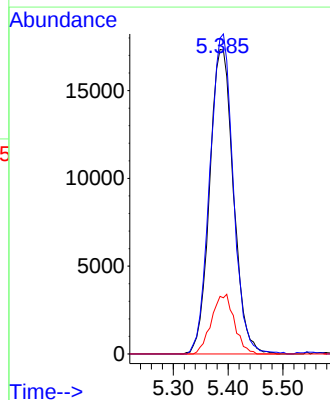
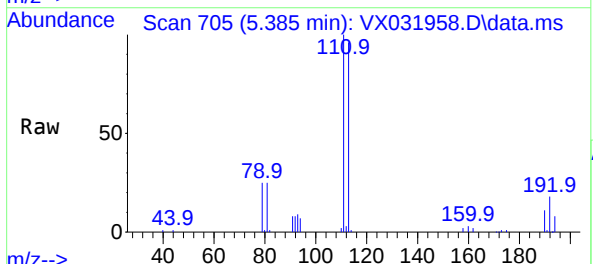
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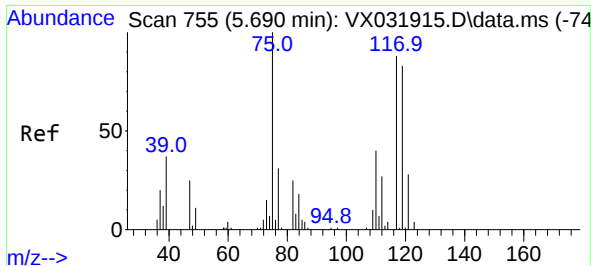
Tgt Ion:114 Resp: 92391
Ion Ratio Lower Upper
114 100
63 19.2 0.0 42.6
88 17.4 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.029 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031958.D
Acq: 07 Oct 2022 13:38

Tgt Ion:113 Resp: 52321
Ion Ratio Lower Upper
113 100
111 103.2 82.4 123.6
192 18.7 14.1 21.1

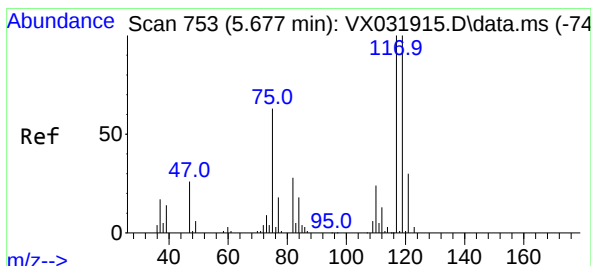
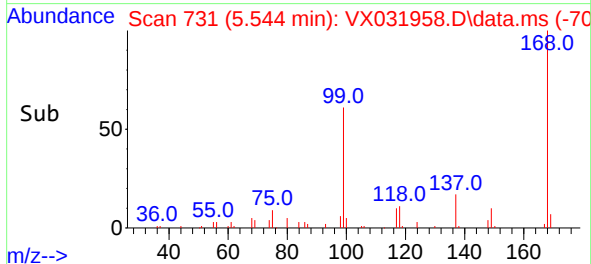
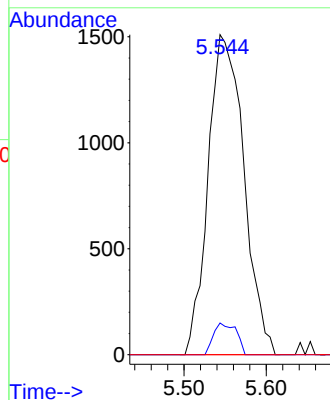
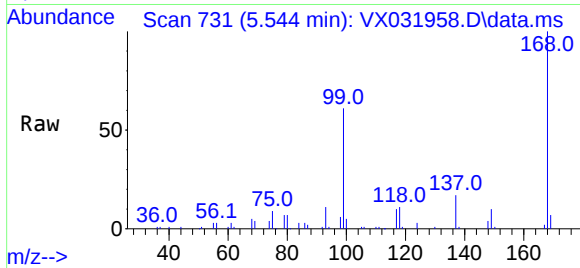




#36
1,1-Dichloropropene
Concen: 3.288 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX031958.D
Acq: 07 Oct 2022 13:38

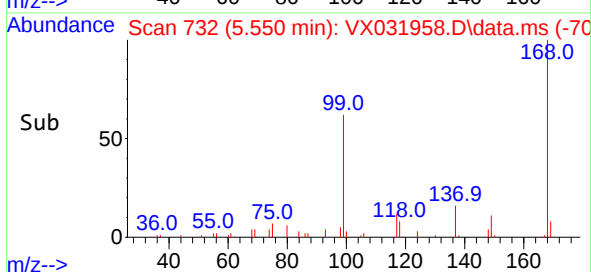
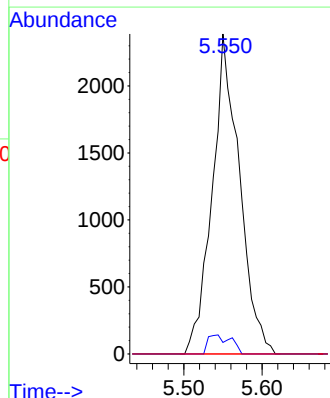
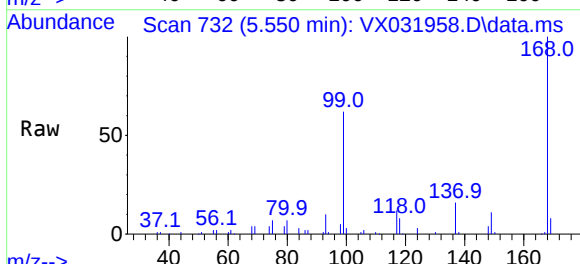
Instrument :
MSVOA_X
ClientSampleId :
FB092622

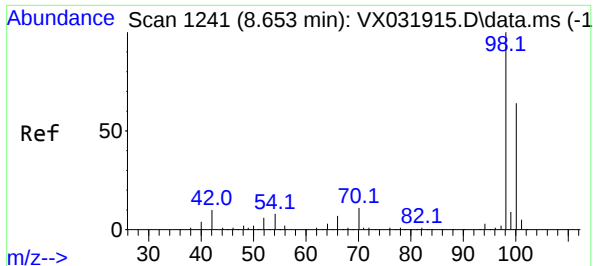
Tgt Ion: 75 Resp: 4560
Ion Ratio Lower Upper
75 100
110 6.3 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.075 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX031958.D
Acq: 07 Oct 2022 13:38

Tgt Ion: 117 Resp: 5778
Ion Ratio Lower Upper
117 100
119 3.6 74.6 112.0#
121 0.0 25.3 37.9#

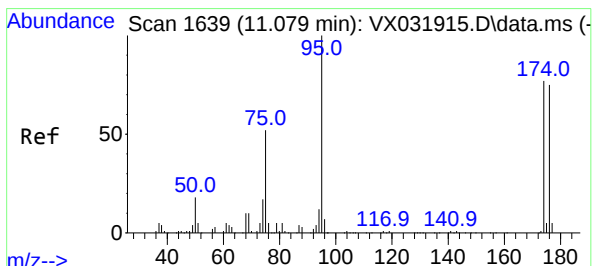
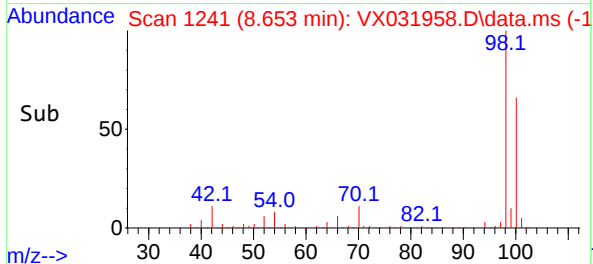
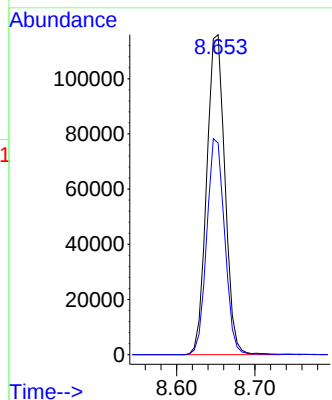
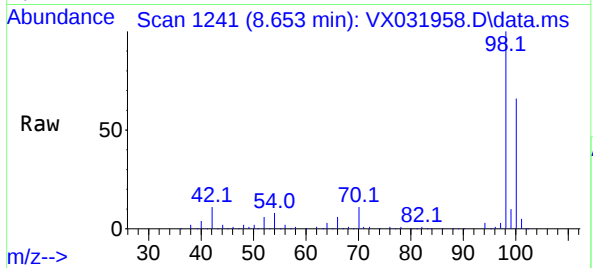




#50
Toluene-d8
Concen: 49.686 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031958.D
Acq: 07 Oct 2022 13:38

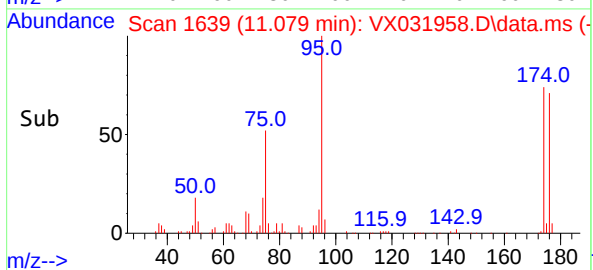
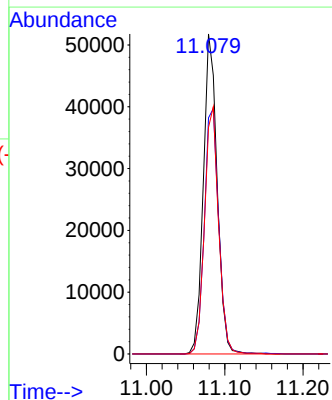
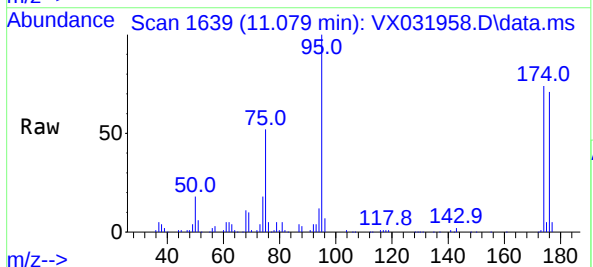
Instrument :
MSVOA_X
ClientSampleId :
FB092622

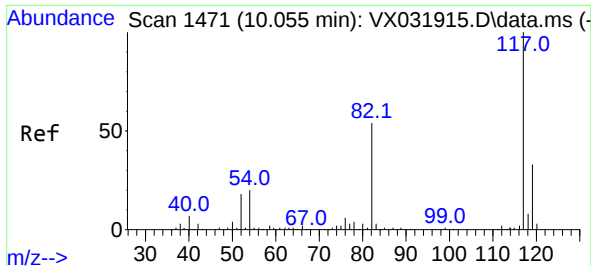
Tgt Ion: 98 Resp: 186979
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 47.668 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031958.D
Acq: 07 Oct 2022 13:38

Tgt Ion: 95 Resp: 63417
Ion Ratio Lower Upper
95 100
174 79.8 0.0 153.2
176 78.5 0.0 144.0

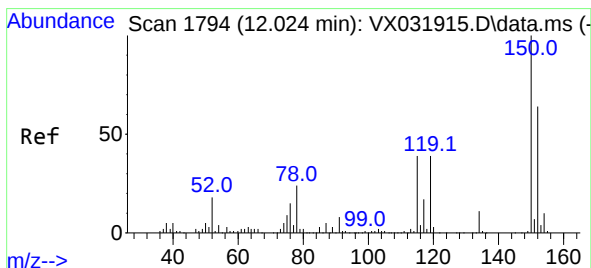
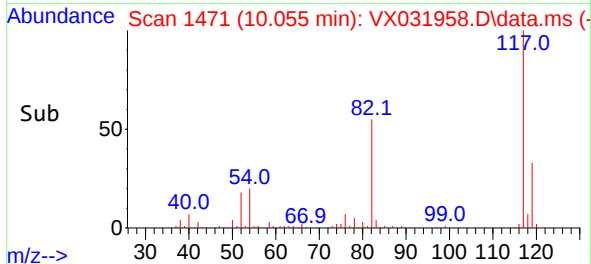
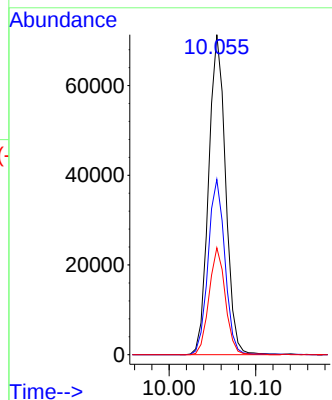
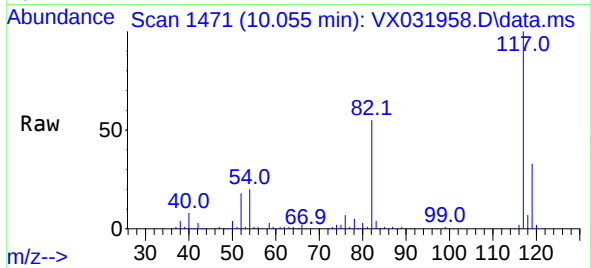




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031958.D
Acq: 07 Oct 2022 13:38

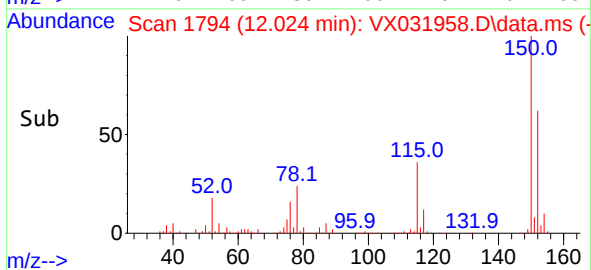
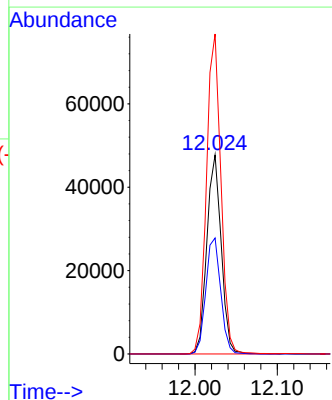
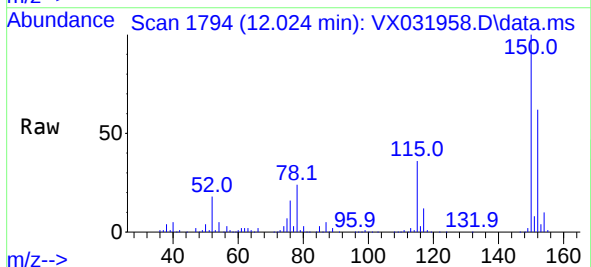
Instrument :
MSVOA_X
ClientSampleId :
FB092622

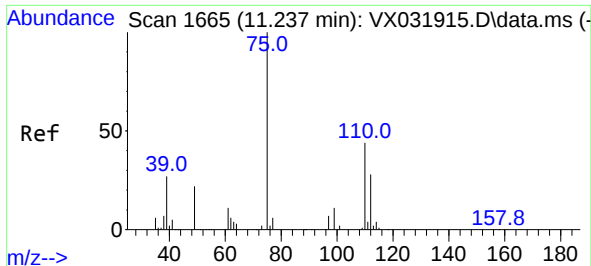
Tgt Ion:	117	Resp:	97048
Ion	Ratio	Lower	Upper
117	100		
82	54.8	46.8	70.2
119	33.4	26.4	39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031958.D
Acq: 07 Oct 2022 13:38

Tgt Ion:	152	Resp:	58129
Ion	Ratio	Lower	Upper
152	100		
115	60.2	43.4	130.1
150	160.9	0.0	346.8

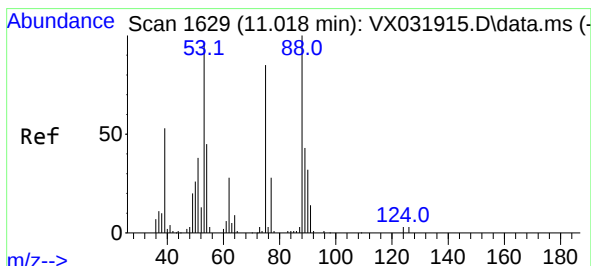
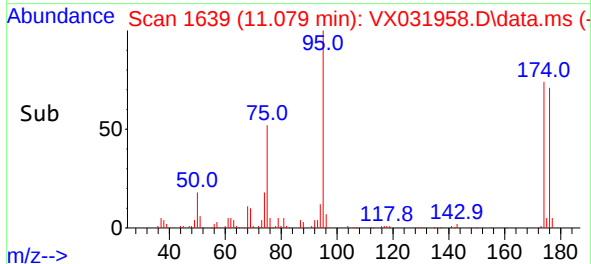
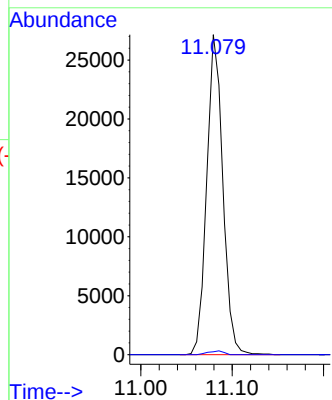
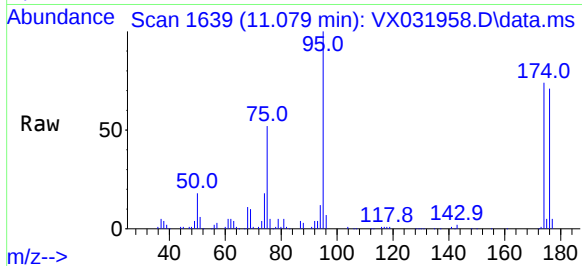




#76
1,2,3-Trichloropropane
Concen: 27.779 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031958.D
Acq: 07 Oct 2022 13:38

Instrument :
MSVOA_X
ClientSampleId :
FB092622

Tgt Ion: 75 Resp: 33095
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.084 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031958.D
Acq: 07 Oct 2022 13:38

Tgt Ion: 75 Resp: 33095
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

