

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
 Data File : VX031937.D
 Acq On : 06 Oct 2022 22:47
 Operator : JC/MD
 Sample : N4883-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 07 08:09:33 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)

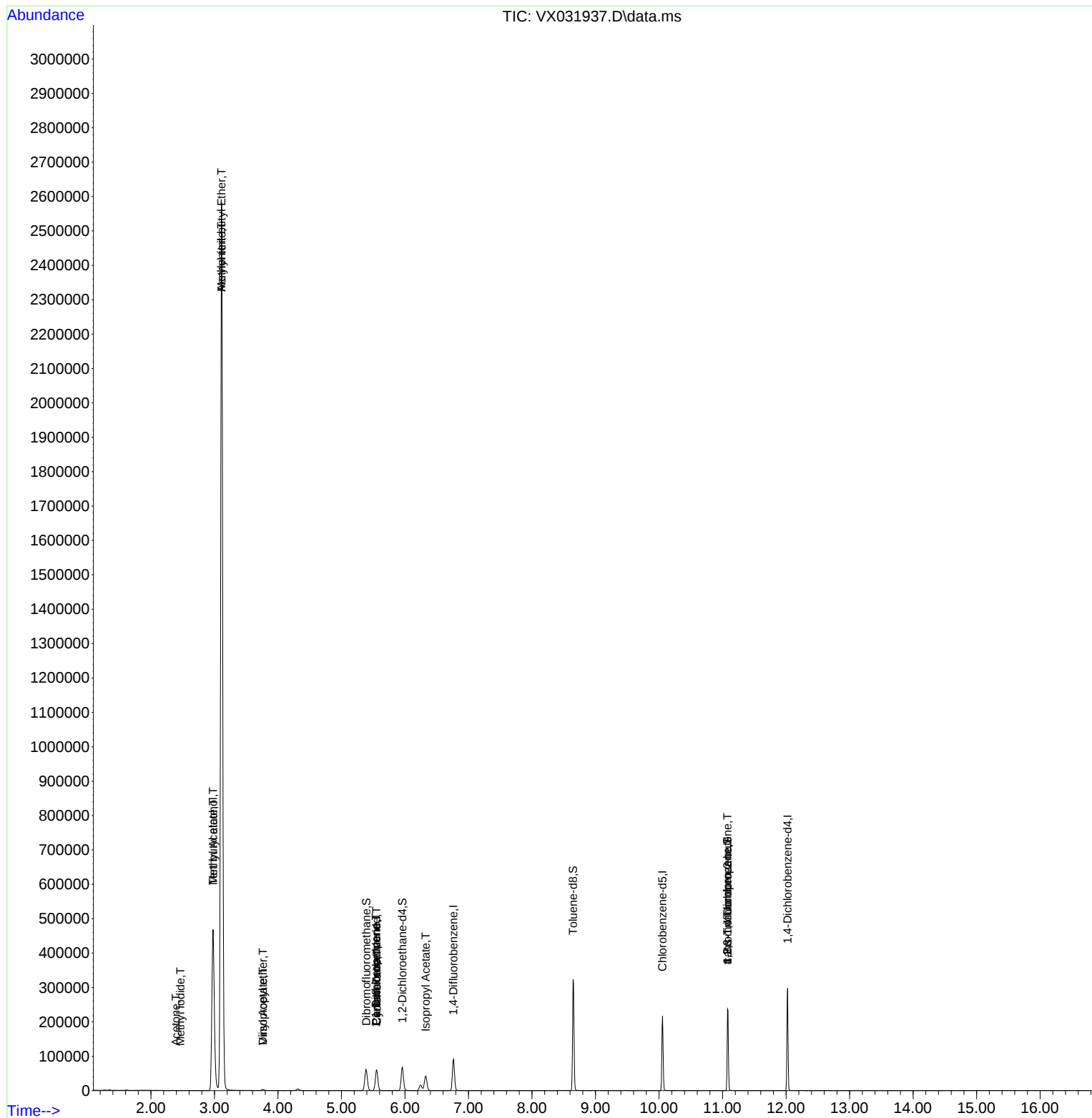
Internal Standards						
1) Pentafluorobenzene	5.550	168	57368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	95623	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	99064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63739	53.799	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.600%	
35) Dibromofluoromethane	5.391	113	52774	48.757	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.520%	
50) Toluene-d8	8.647	98	189839	48.741	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.480%	
62) 4-Bromofluorobenzene	11.079	95	64626	46.935	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.860%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	260	Below Cal		97
10) Methyl Iodide	2.465	142	41	2.795 ug/l	#	38
11) Tert butyl alcohol	2.977	59	635540	4311.510 ug/l		99
13) Acrolein	2.331	56	78	Below Cal		85
15) Acrylonitrile	3.111	53	30410	64.715 ug/l	#	29
16) Acetone	2.392	43	480	1.192 ug/l		92
18) Methyl Acetate	2.977	43	61308	46.146 ug/l	#	52
19) Methyl tert-butyl Ether	3.111	73	2853522	973.125 ug/l		100
22) Diisopropyl ether	3.764	45	3327	1.190 ug/l	#	96
23) Vinyl Acetate	3.764	43	2129	1.019 ug/l	#	71
31) Cyclohexane	5.556	56	1303	0.921 ug/l	#	16
36) 1,1-Dichloropropene	5.544	75	4304	2.999 ug/l	#	46
38) Carbon Tetrachloride	5.550	117	5745	3.915 ug/l	#	17
43) Isopropyl Acetate	6.324	43	13895	6.777 ug/l	#	6
76) 1,2,3-Trichloropropane	11.079	75	33172	27.006 ug/l	#	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33172	92.536 ug/l	#	11

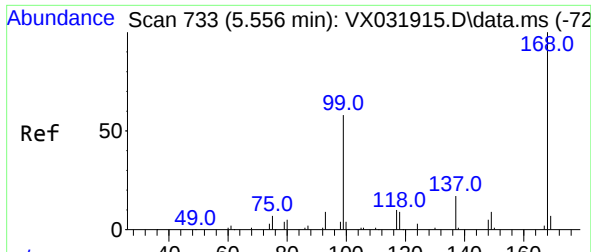
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 07 08:09:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260
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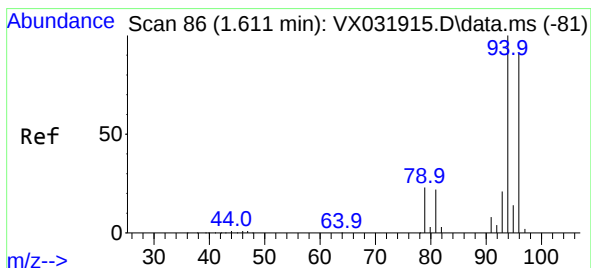
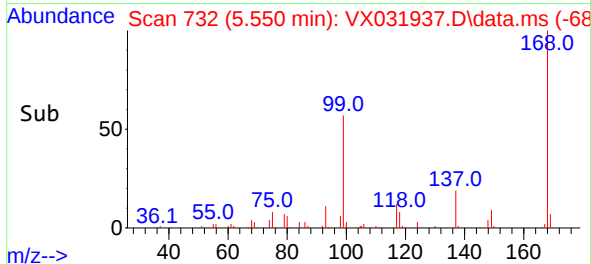
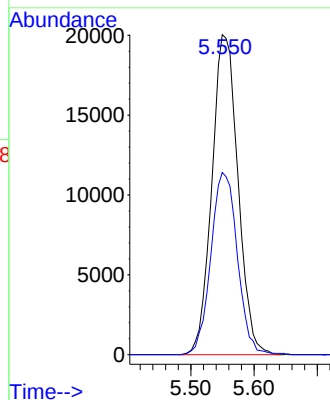
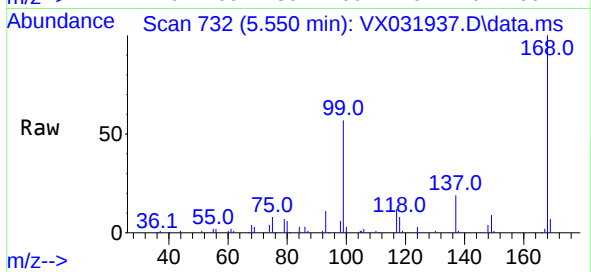




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031937.D
Acq: 06 Oct 2022 22:47

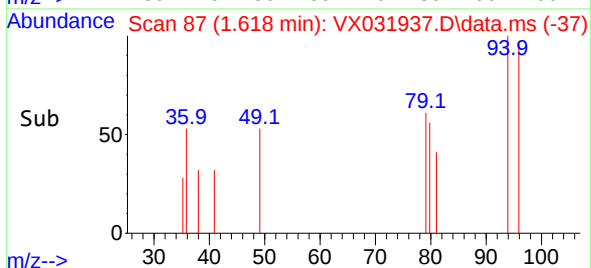
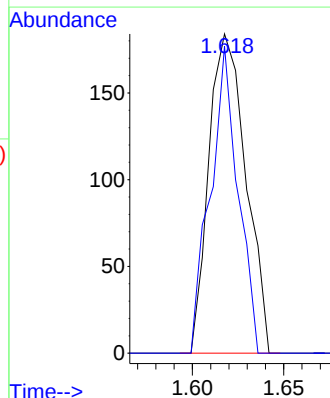
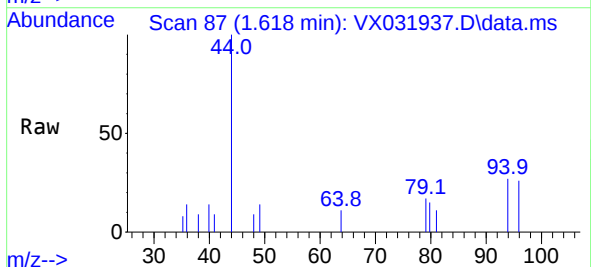
Instrument :
MSVOA_X
ClientSampleId :

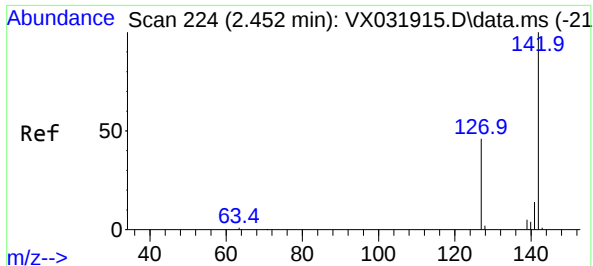
Tgt Ion:168 Resp: 57368
Ion Ratio Lower Upper
168 100
99 56.9 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX031937.D
Acq: 06 Oct 2022 22:47

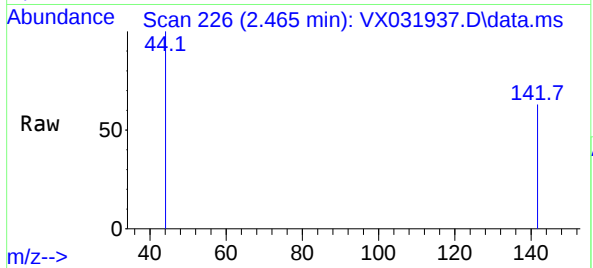
Tgt Ion: 94 Resp: 260
Ion Ratio Lower Upper
94 100
96 96.2 74.4 111.6



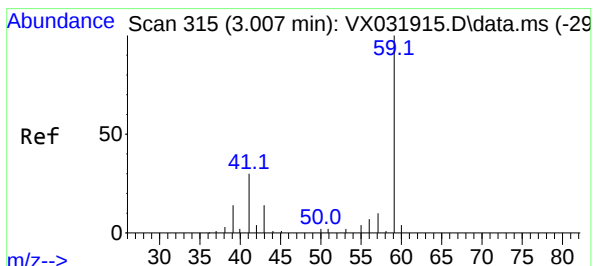
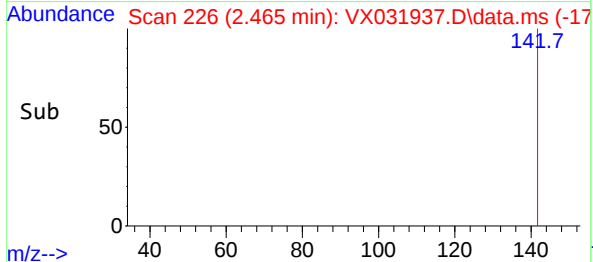
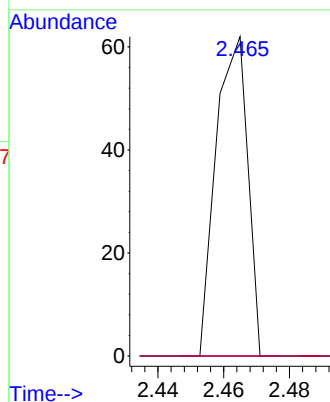


#10
Methyl Iodide
Concen: 2.795 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX031937.D
Acq: 06 Oct 2022 22:47

Instrument :
MSVOA_X
ClientSampleId :

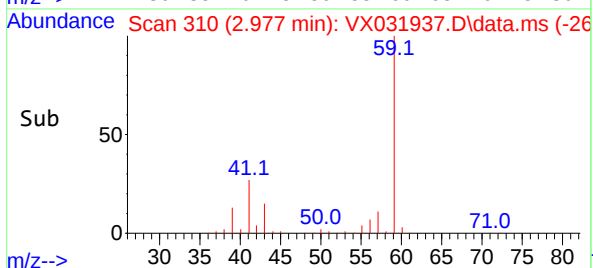
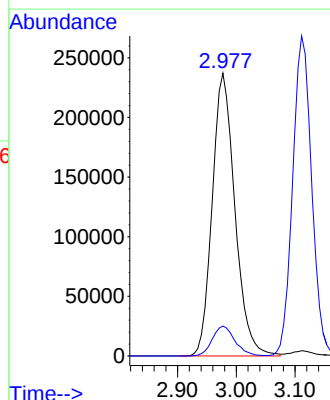
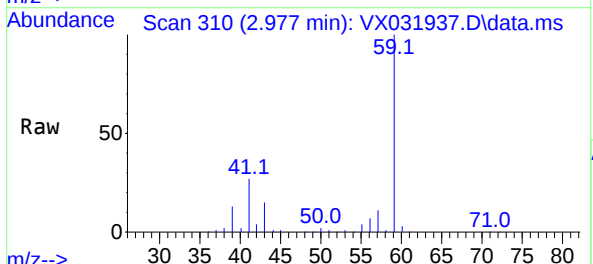


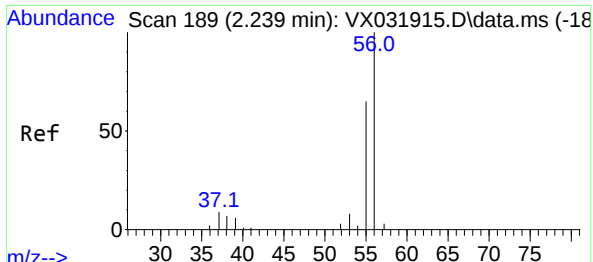
Tgt Ion:142 Resp: 41
Ion Ratio Lower Upper
142 100
127 0.0 37.4 56.0#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 4311.510 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.030 min
Lab File: VX031937.D
Acq: 06 Oct 2022 22:47

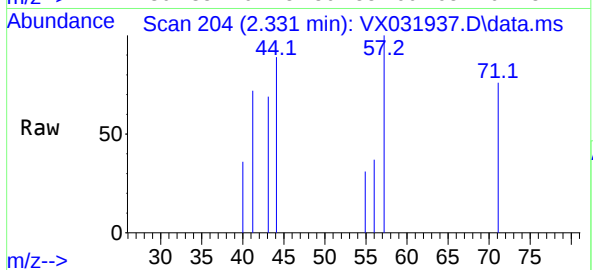
Tgt Ion: 59 Resp: 635540
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.2



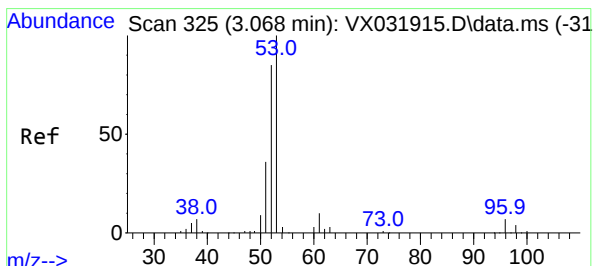
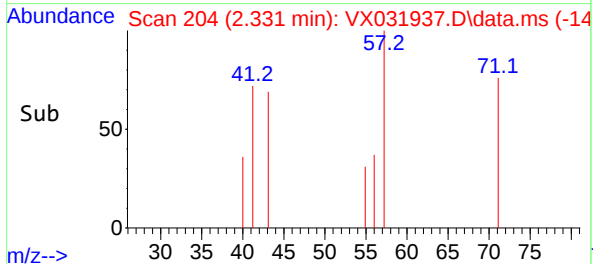
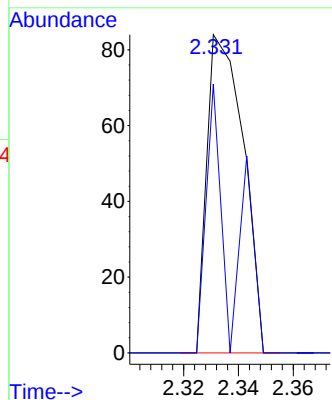


#13
Acrolein
Concen: Below Cal
RT: 2.331 min Scan# 204
Delta R.T. 0.092 min
Lab File: VX031937.D
Acq: 06 Oct 2022 22:47

Instrument :
MSVOA_X
ClientSampleId :

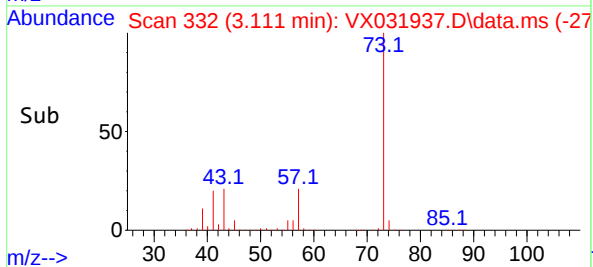
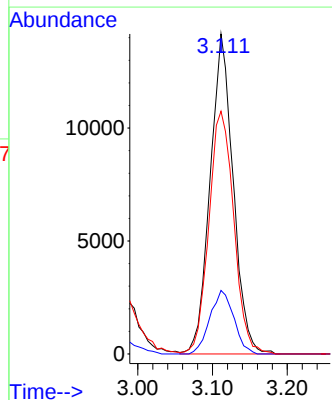
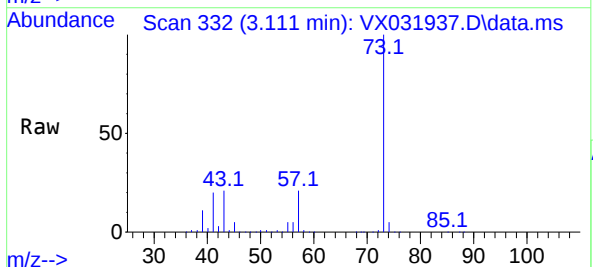


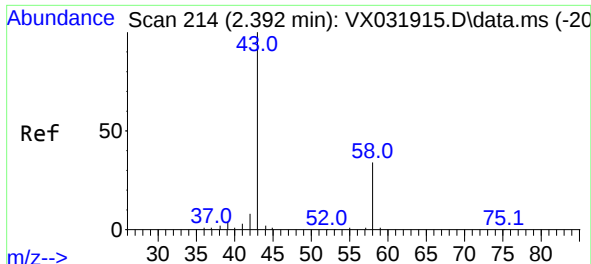
Tgt Ion: 56 Resp: 78
Ion Ratio Lower Upper
56 100
55 57.7 56.0 84.0



#15
Acrylonitrile
Concen: 64.715 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.043 min
Lab File: VX031937.D
Acq: 06 Oct 2022 22:47

Tgt Ion: 53 Resp: 30410
Ion Ratio Lower Upper
53 100
52 20.6 66.9 100.3#
51 82.0 30.0 45.0#

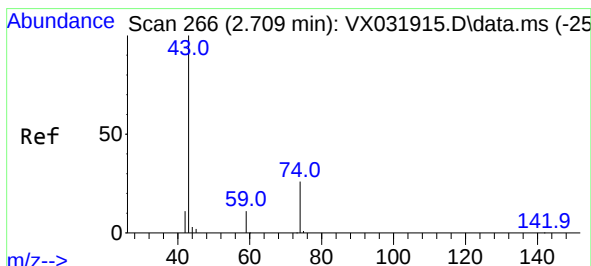
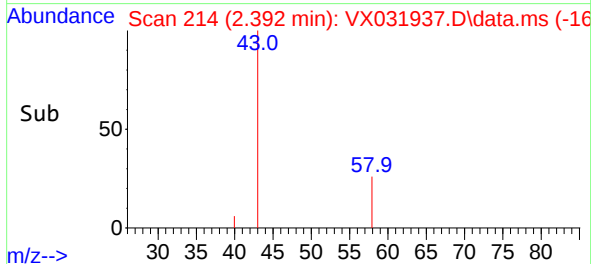
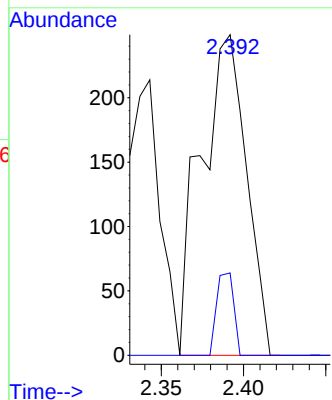
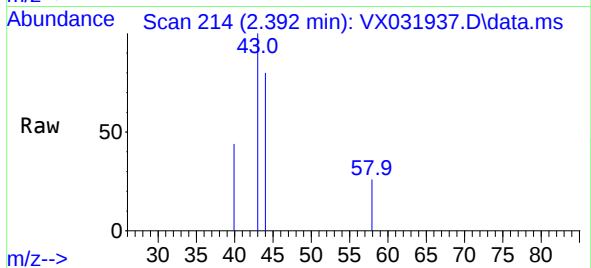




#16
Acetone
Concen: 1.192 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX031937.D
Acq: 06 Oct 2022 22:47

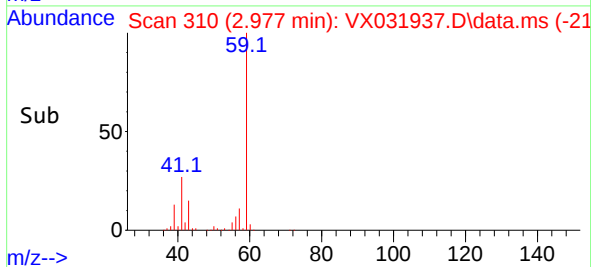
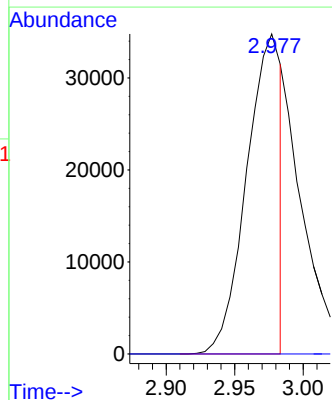
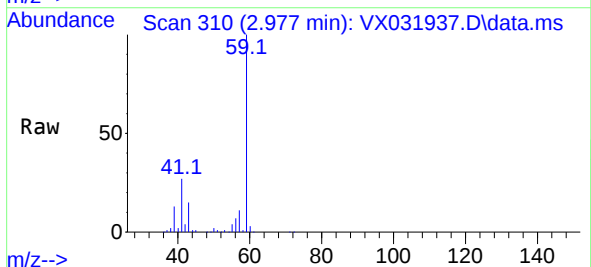
Instrument :
MSVOA_X
ClientSampleId :

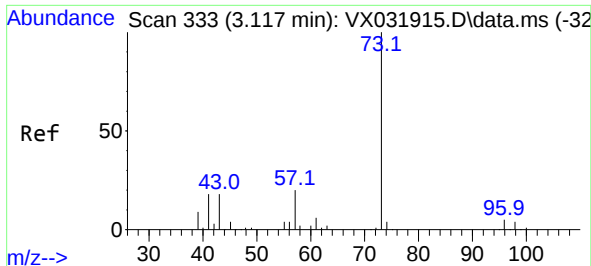
Tgt Ion: 43 Resp: 480
Ion Ratio Lower Upper
43 100
58 25.7 23.8 35.8



#18
Methyl Acetate
Concen: 46.146 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.268 min
Lab File: VX031937.D
Acq: 06 Oct 2022 22:47

Tgt Ion: 43 Resp: 61308
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#

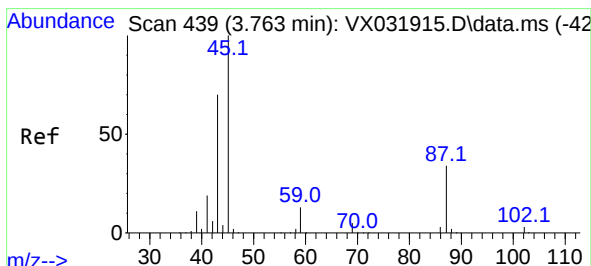
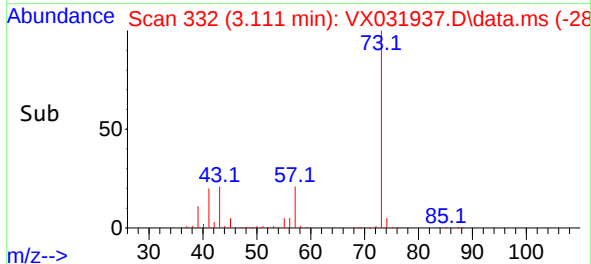
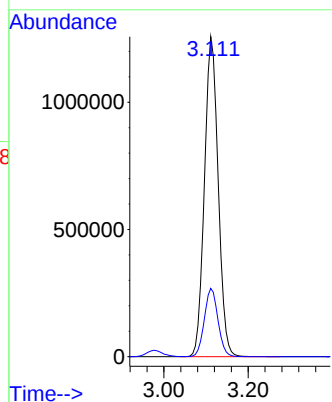
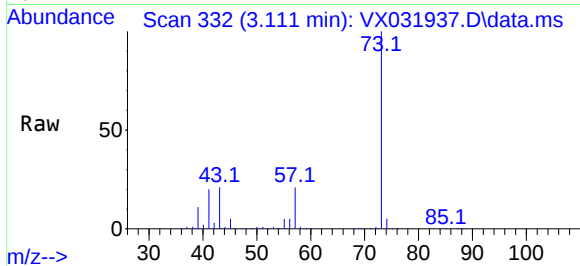




#19
Methyl tert-butyl Ether
Concen: 973.125 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX031937.D
Acq: 06 Oct 2022 22:47

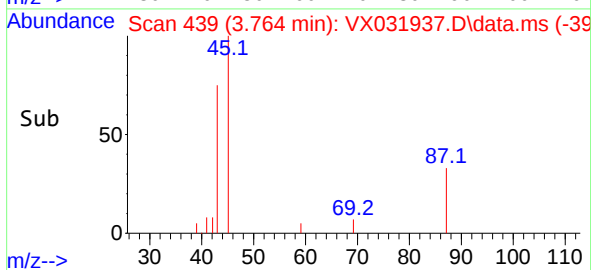
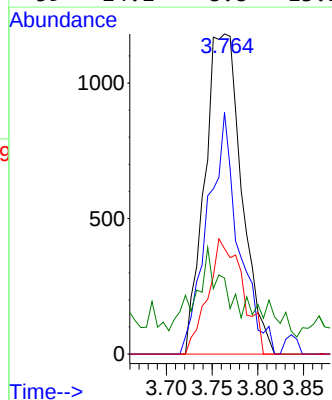
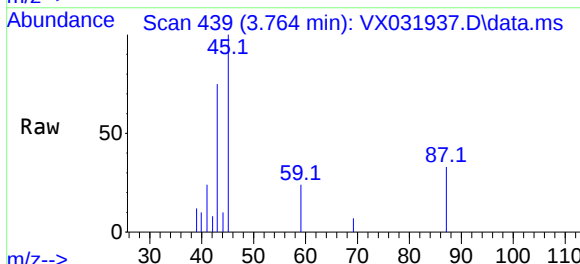
Instrument :
MSVOA_X
ClientSampleId :

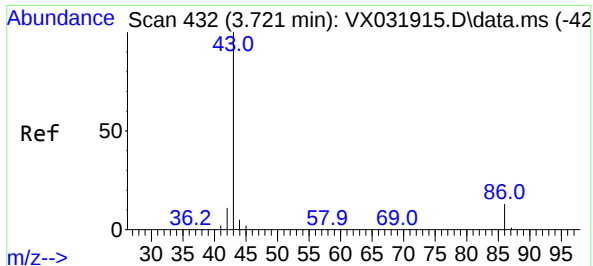
Tgt Ion: 73 Resp: 2853522
Ion Ratio Lower Upper
73 100
57 21.3 17.2 25.8



#22
Diisopropyl ether
Concen: 1.190 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.001 min
Lab File: VX031937.D
Acq: 06 Oct 2022 22:47

Tgt Ion: 45 Resp: 3327
Ion Ratio Lower Upper
45 100
43 75.4 59.0 88.6
87 32.9 22.6 33.8
59 14.1 8.8 13.2#

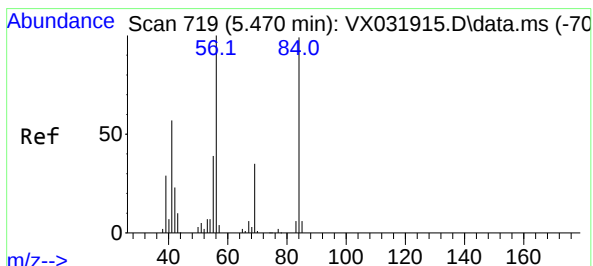
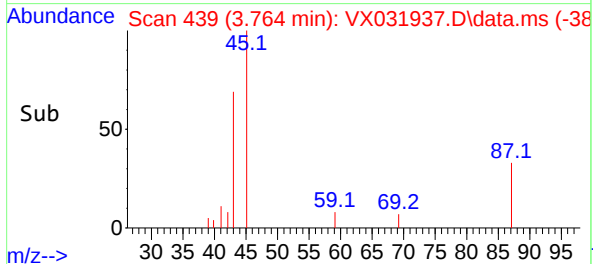
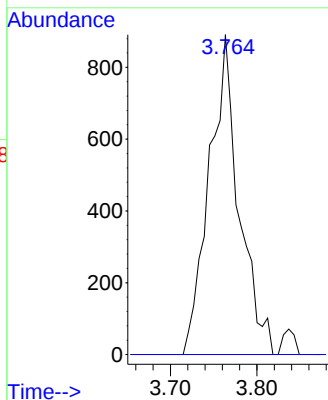
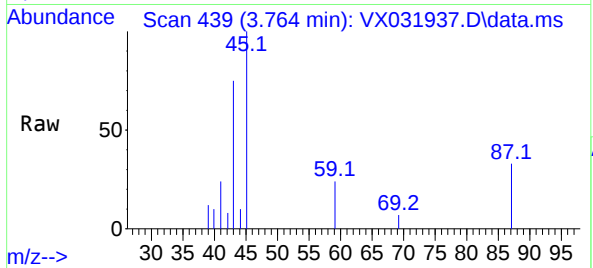




#23
 Vinyl Acetate
 Concen: 1.019 ug/l
 RT: 3.764 min Scan# 41
 Delta R.T. 0.042 min
 Lab File: VX031937.D
 Acq: 06 Oct 2022 22:47

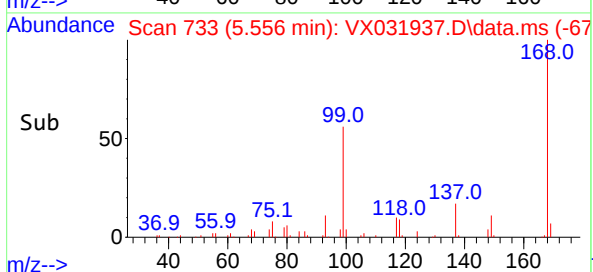
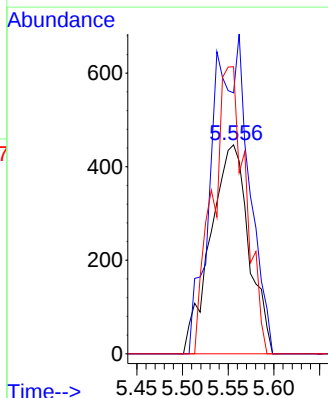
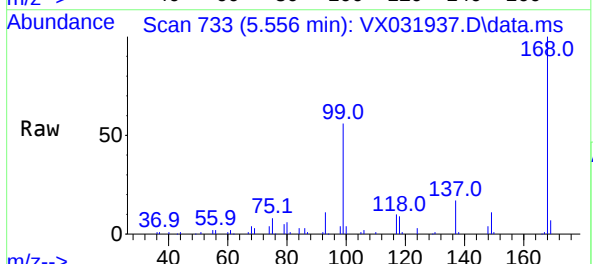
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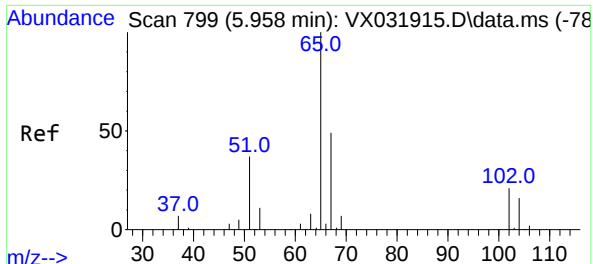
Tgt Ion: 43 Resp: 2129
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.7 13.1#



#31
 Cyclohexane
 Concen: 0.921 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. 0.086 min
 Lab File: VX031937.D
 Acq: 06 Oct 2022 22:47

Tgt Ion: 56 Resp: 1303
 Ion Ratio Lower Upper
 56 100
 69 124.8 25.1 37.7#
 84 137.4 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 53.799 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031937.D

Acq: 06 Oct 2022 22:47

Instrument :

MSVOA_X

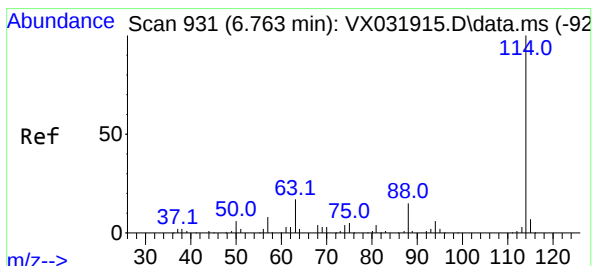
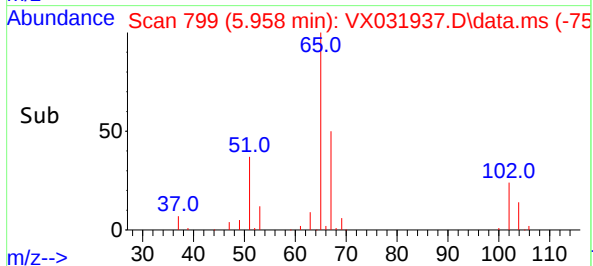
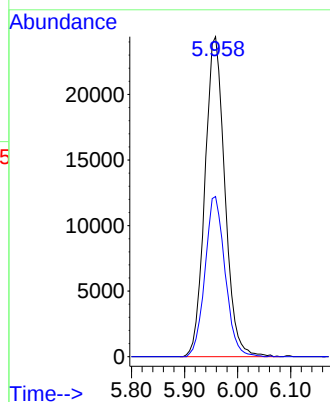
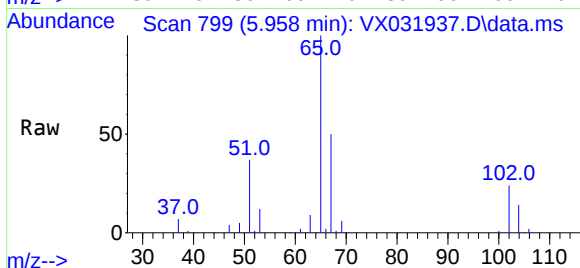
ClientSampleId :

Tgt Ion: 65 Resp: 63739

Ion Ratio Lower Upper

65 100

67 50.4 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031937.D

Acq: 06 Oct 2022 22:47

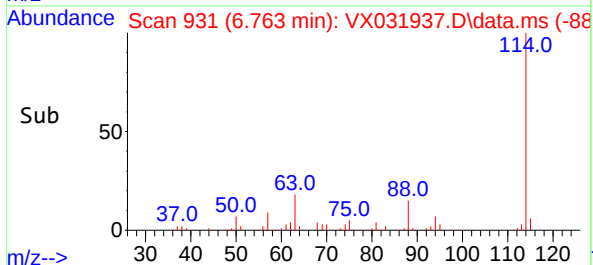
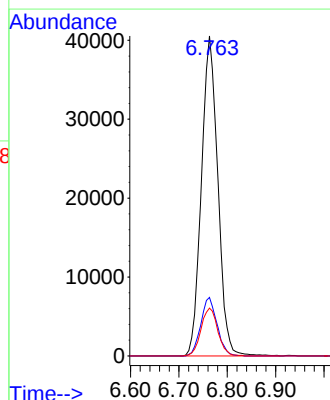
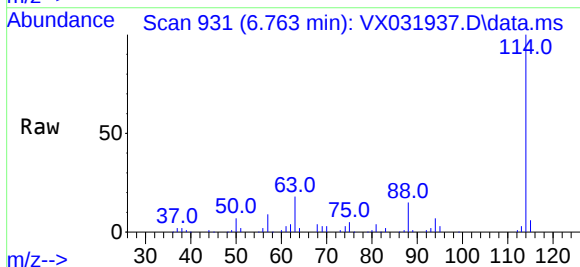
Tgt Ion: 114 Resp: 95623

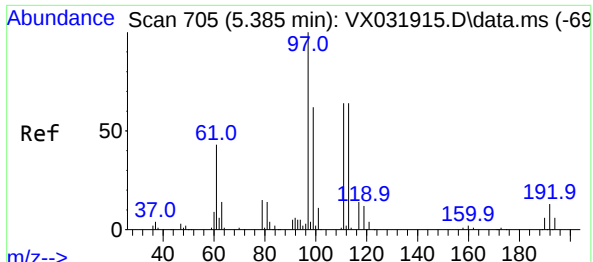
Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.6

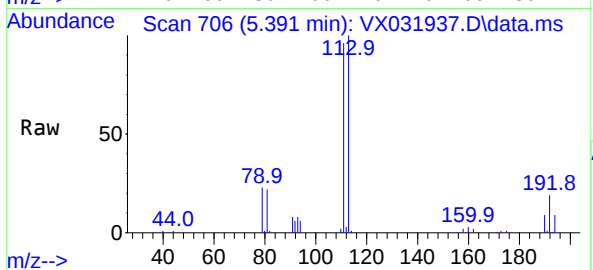
88 14.9 0.0 33.0





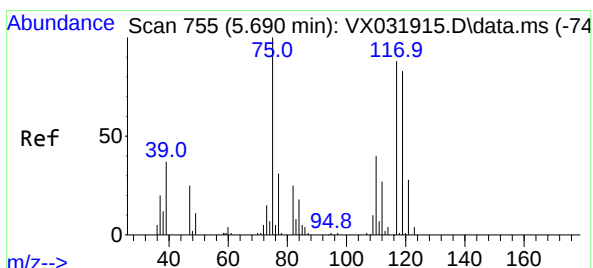
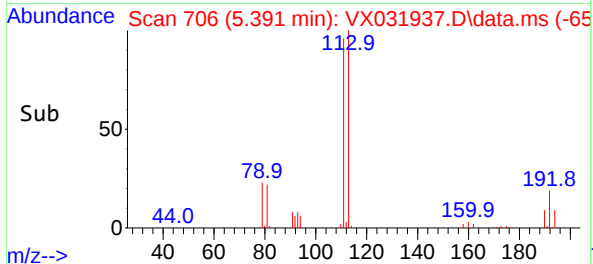
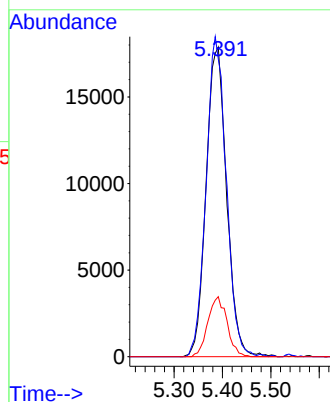
#35
Dibromofluoromethane
Concen: 48.757 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX031937.D
Acq: 06 Oct 2022 22:47

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:113 Resp: 52774

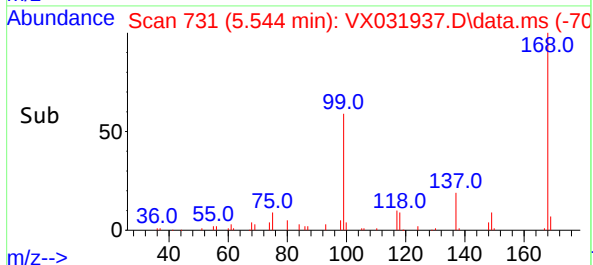
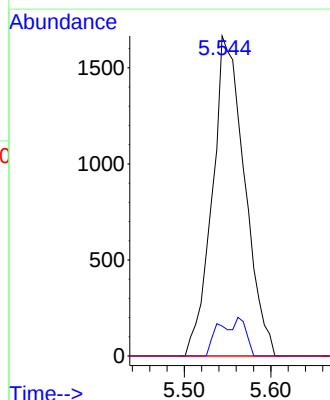
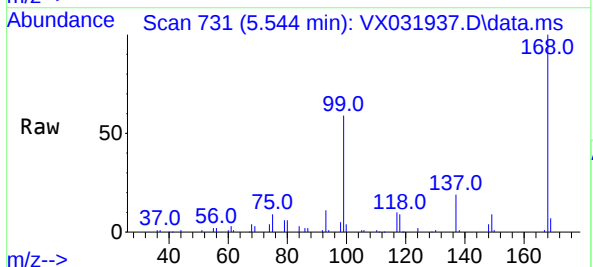
Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.4	123.6
192	18.1	14.1	21.1

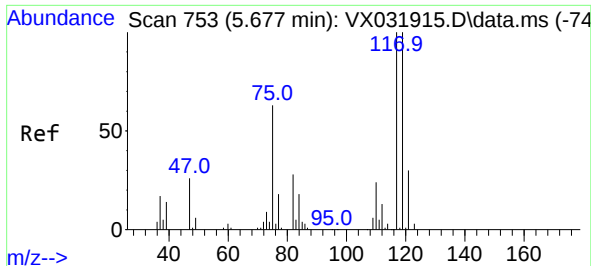


#36
1,1-Dichloropropene
Concen: 2.999 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX031937.D
Acq: 06 Oct 2022 22:47

Tgt Ion: 75 Resp: 4304

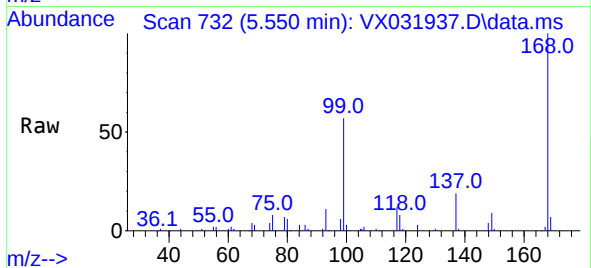
Ion	Ratio	Lower	Upper
75	100		
110	4.7	17.5	52.5#
77	0.0	24.9	37.3#



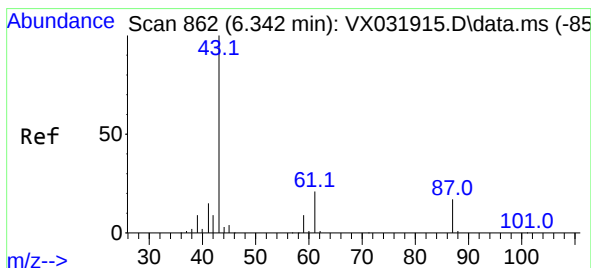
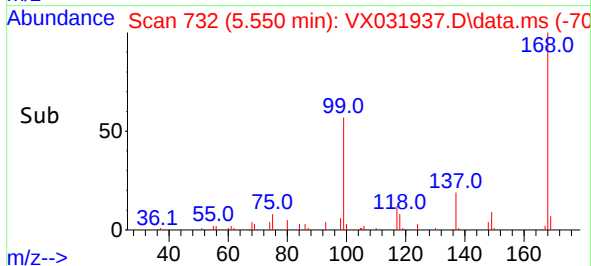
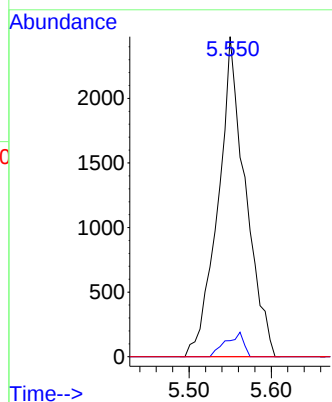


#38
Carbon Tetrachloride
Concen: 3.915 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX031937.D
Acq: 06 Oct 2022 22:47

Instrument :
MSVOA_X
ClientSampleId :

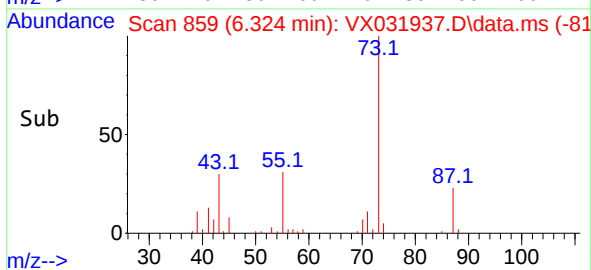
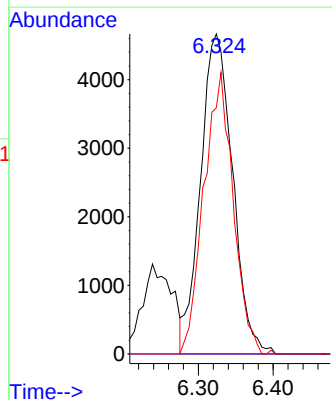
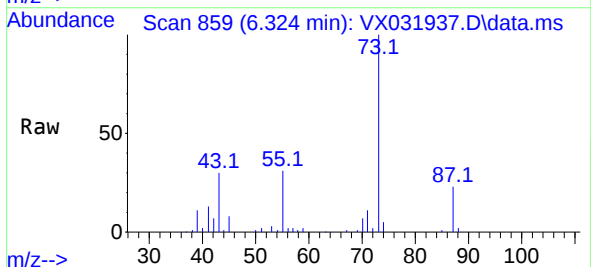


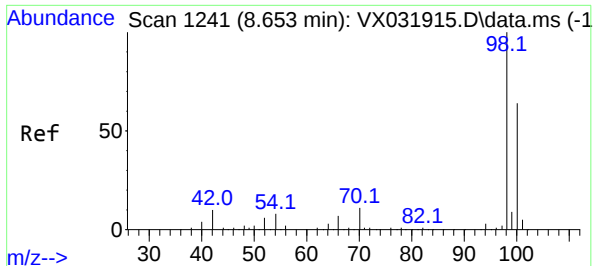
Tgt Ion:117 Resp: 5745
Ion Ratio Lower Upper
117 100
119 5.0 74.6 112.0#
121 0.0 25.3 37.9#



#43
Isopropyl Acetate
Concen: 6.777 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.018 min
Lab File: VX031937.D
Acq: 06 Oct 2022 22:47

Tgt Ion: 43 Resp: 13895
Ion Ratio Lower Upper
43 100
61 0.0 15.3 22.9#
87 80.4 10.6 15.8#





#50

Toluene-d8

Concen: 48.741 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX031937.D

Acq: 06 Oct 2022 22:47

Instrument :

MSVOA_X

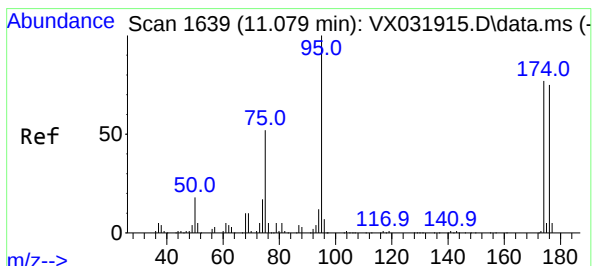
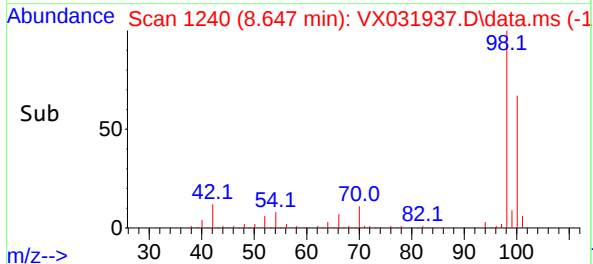
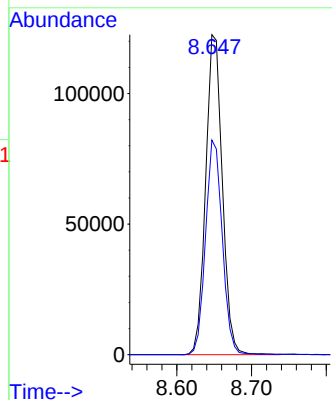
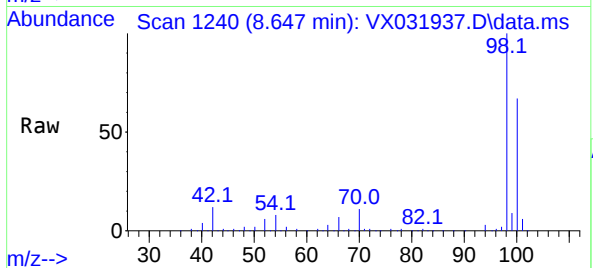
ClientSampleId :

Tgt Ion: 98 Resp: 189839

Ion Ratio Lower Upper

98 100

100 67.3 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 46.935 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031937.D

Acq: 06 Oct 2022 22:47

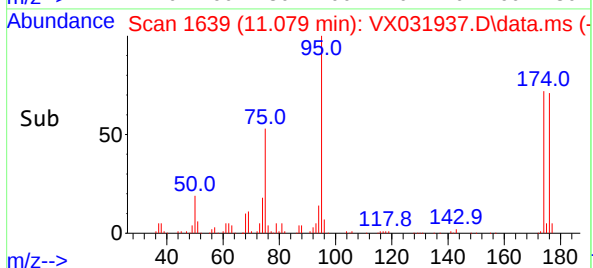
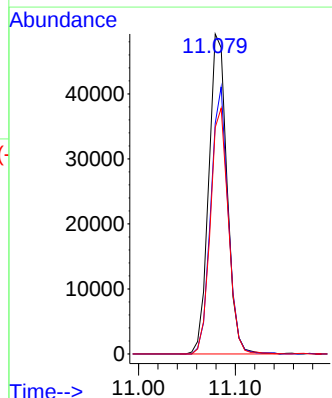
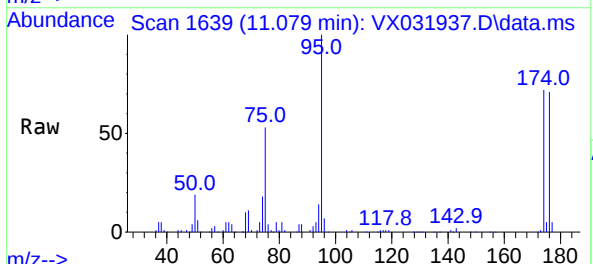
Tgt Ion: 95 Resp: 64626

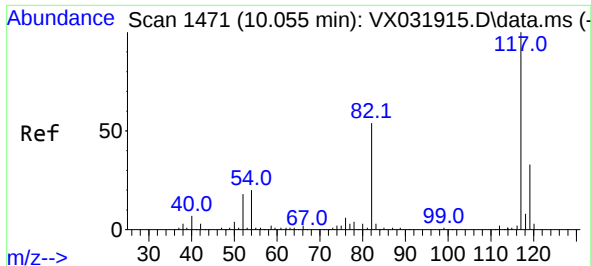
Ion Ratio Lower Upper

95 100

174 78.9 0.0 153.2

176 75.4 0.0 144.0

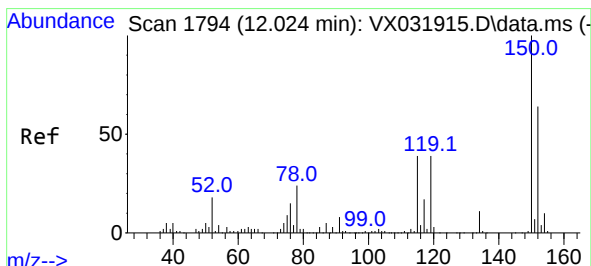
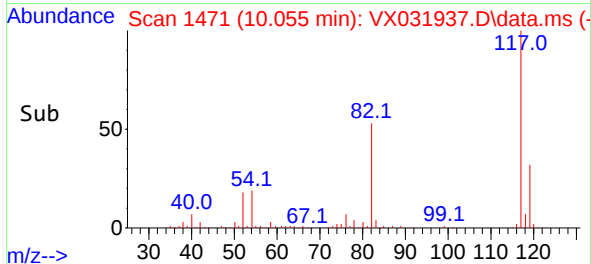
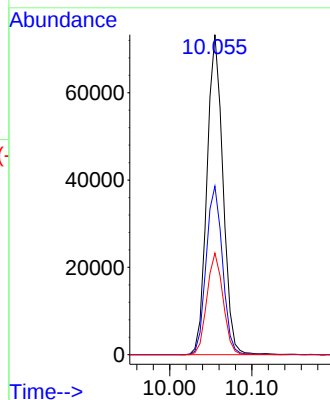
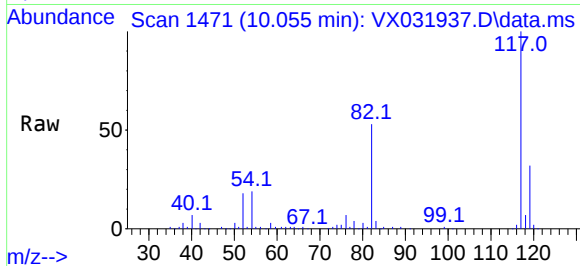




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031937.D
Acq: 06 Oct 2022 22:47

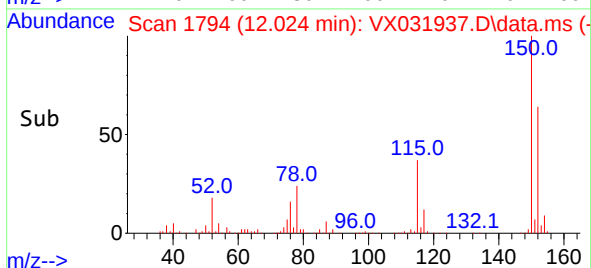
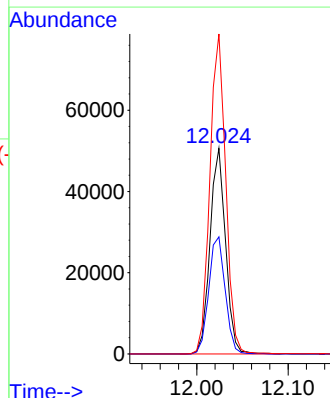
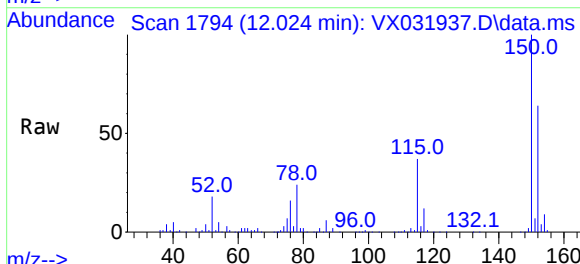
Instrument :
MSVOA_X
ClientSampleId :

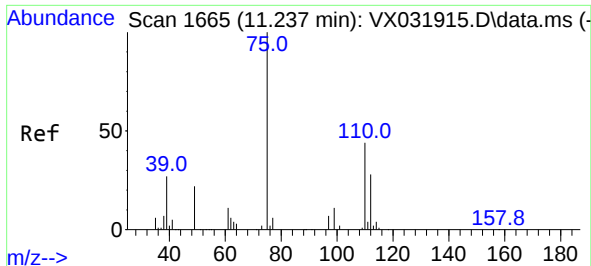
Tgt Ion:	117	Resp:	99064
Ion	Ratio	Lower	Upper
117	100		
82	52.6	46.8	70.2
119	31.7	26.4	39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031937.D
Acq: 06 Oct 2022 22:47

Tgt Ion:	152	Resp:	59933
Ion	Ratio	Lower	Upper
152	100		
115	60.0	43.4	130.1
150	157.9	0.0	346.8

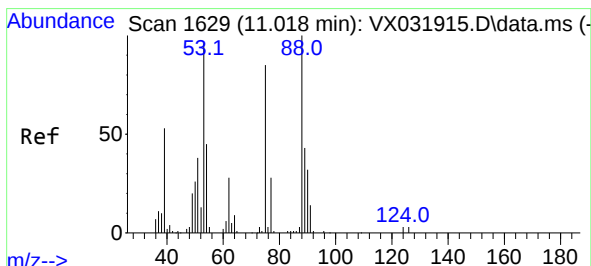
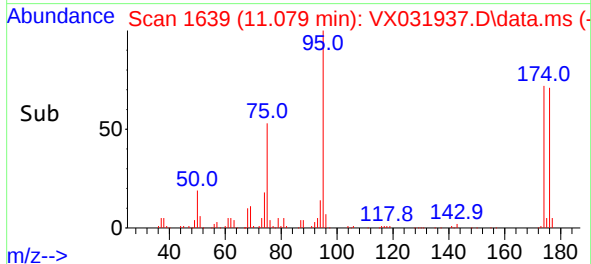
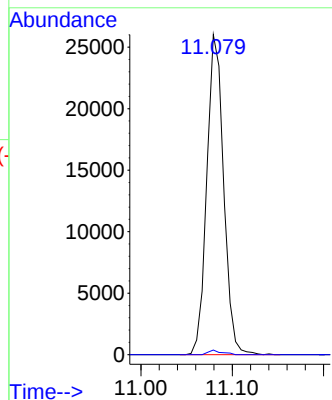
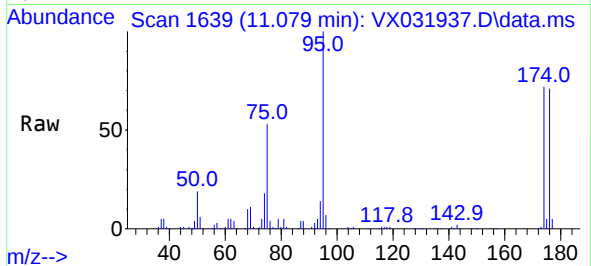




#76
1,2,3-Trichloropropane
Concen: 27.006 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031937.D
Acq: 06 Oct 2022 22:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 33172
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.536 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031937.D
Acq: 06 Oct 2022 22:47

Tgt Ion: 75 Resp: 33172
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

