

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
 Data File : VX031934.D
 Acq On : 06 Oct 2022 21:38
 Operator : JC/MD
 Sample : N4882-19 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 07 08:09:08 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)

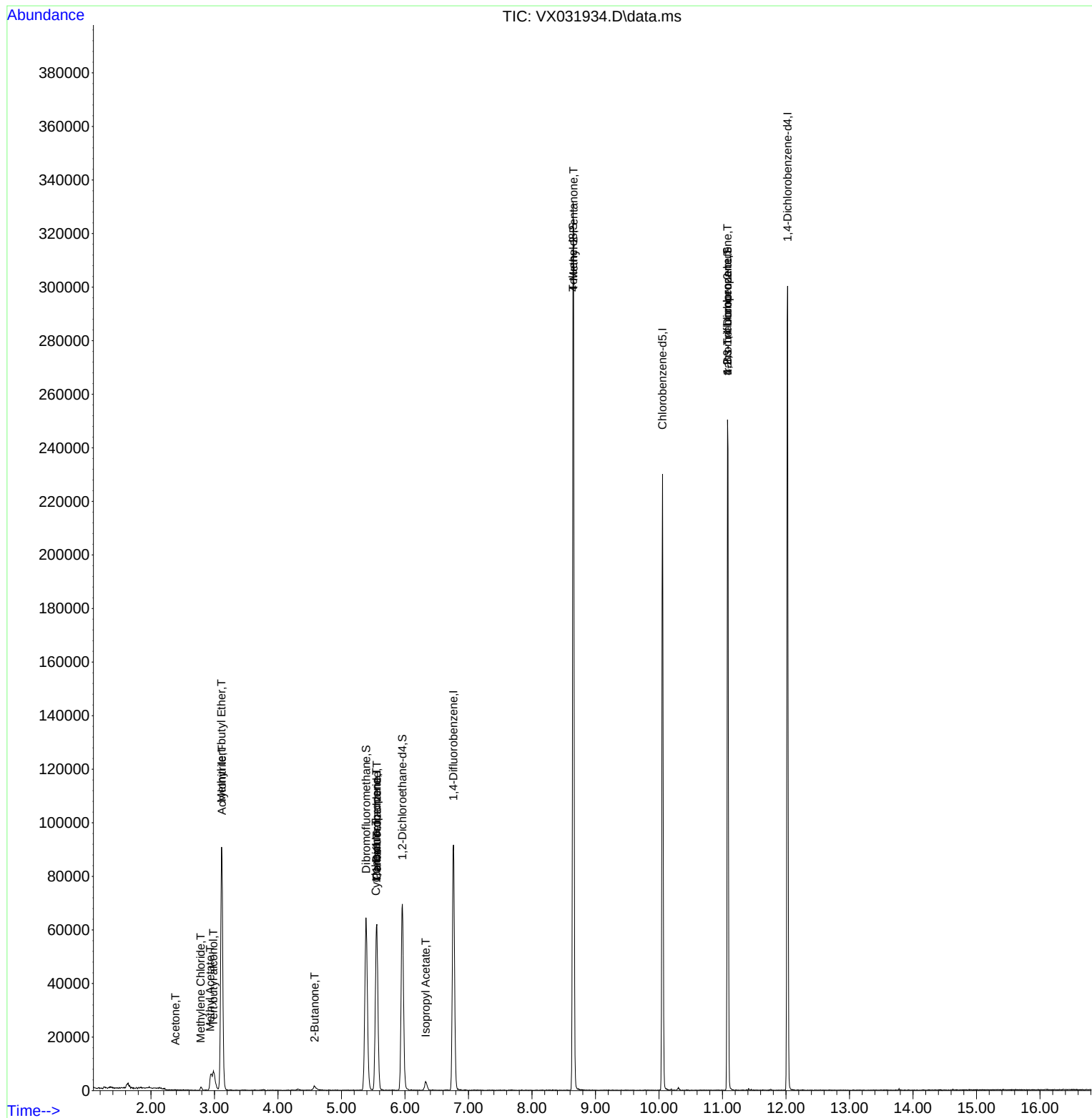
Internal Standards						
1) Pentafluorobenzene	5.556	168	59160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	96413	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	104091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62383	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65044	53.237	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.480%	
35) Dibromofluoromethane	5.385	113	54313	49.767	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.540%	
50) Toluene-d8	8.647	98	197088	50.188	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.380%	
62) 4-Bromofluorobenzene	11.079	95	67206	48.408	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.820%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	312	Below Cal	#	72
11) Tert butyl alcohol	2.983	59	13975	91.935	ug/l #	93
15) Acrylonitrile	3.117	53	1252	2.584	ug/l #	21
16) Acetone	2.386	43	210	0.506	ug/l #	45
18) Methyl Acetate	2.934	43	288	0.210	ug/l #	52
19) Methyl tert-butyl Ether	3.111	73	100376	33.194	ug/l	99
20) Methylene Chloride	2.782	84	659	0.604	ug/l #	70
25) 2-Butanone	4.574	43	218	0.336	ug/l #	49
31) Cyclohexane	5.544	56	1287	0.882	ug/l #	21
36) 1,1-Dichloropropene	5.550	75	4561	3.152	ug/l #	51
38) Carbon Tetrachloride	5.556	117	6077	4.107	ug/l #	20
43) Isopropyl Acetate	6.324	43	1095	0.530	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	707	0.516	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35270	27.586	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35270	94.448	ug/l #	11

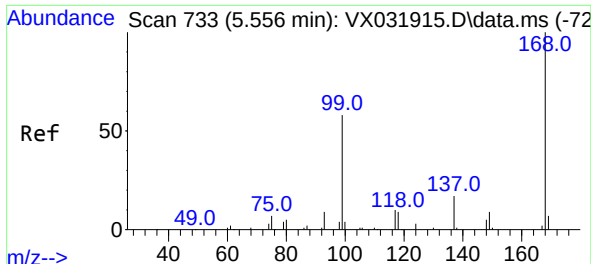
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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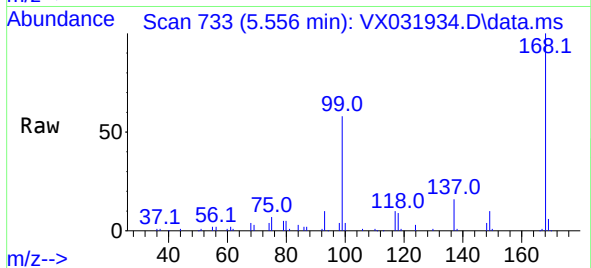
Quant Time: Oct 07 08:09:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 14:28:46 2022
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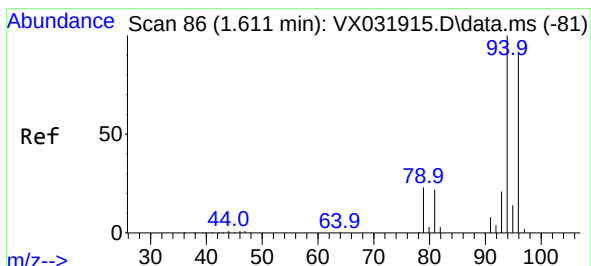
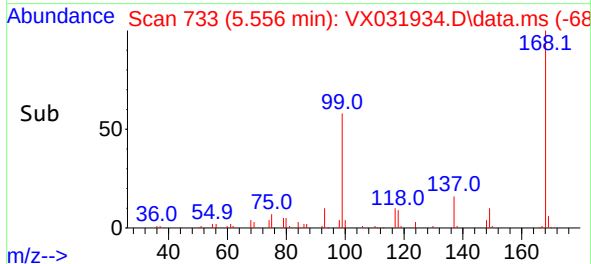
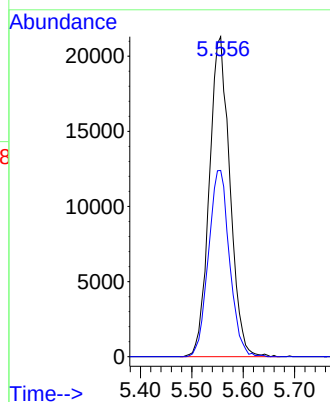


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031934.D
Acq: 06 Oct 2022 21:38

Instrument :
MSVOA_X
ClientSampleId :

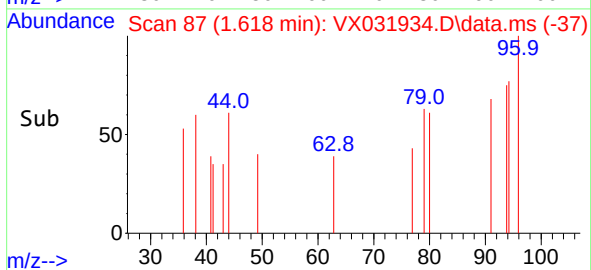
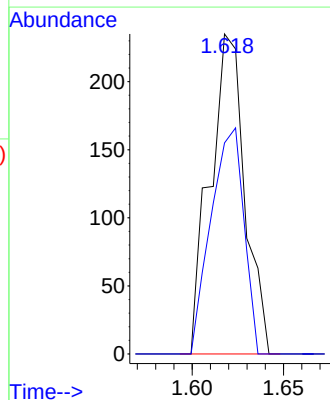
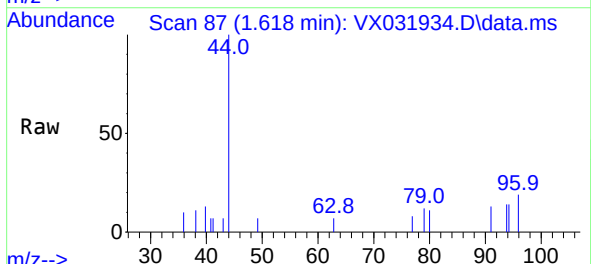


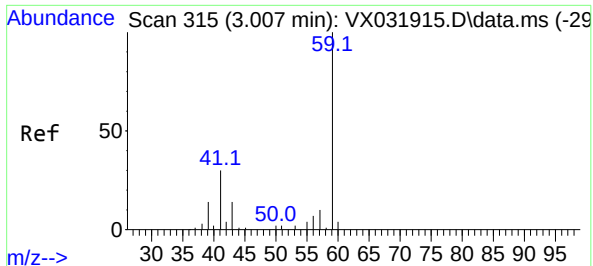
Tgt Ion:168 Resp: 59160
Ion Ratio Lower Upper
168 100
99 58.2 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX031934.D
Acq: 06 Oct 2022 21:38

Tgt Ion: 94 Resp: 312
Ion Ratio Lower Upper
94 100
96 66.0 74.4 111.6#

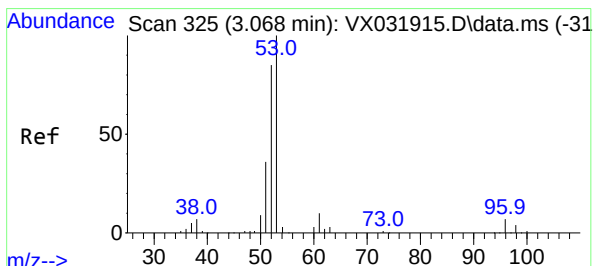
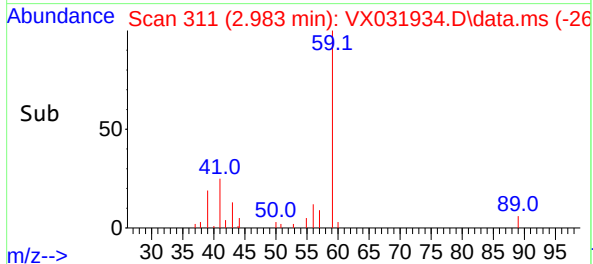
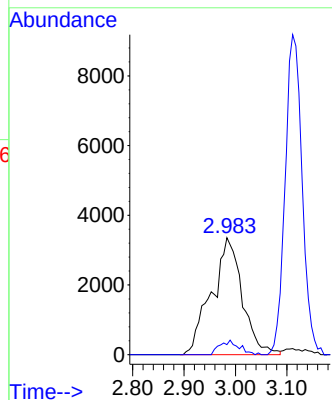
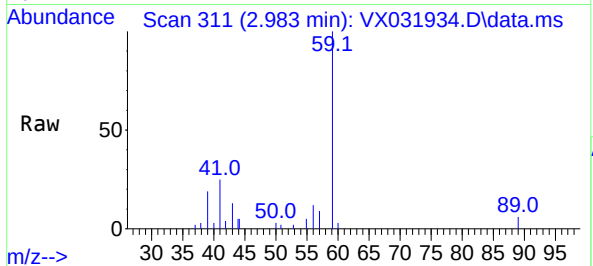




#11
Tert butyl alcohol
Concen: 91.935 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.024 min
Lab File: VX031934.D
Acq: 06 Oct 2022 21:38

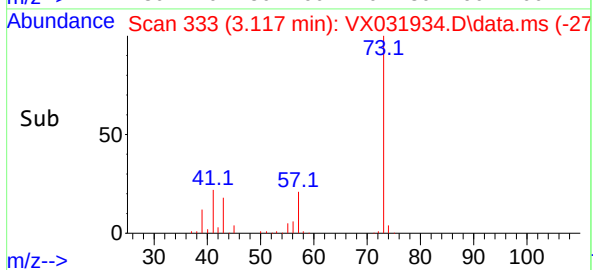
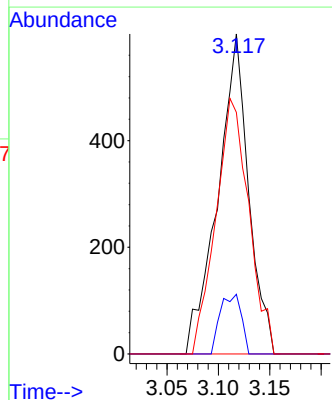
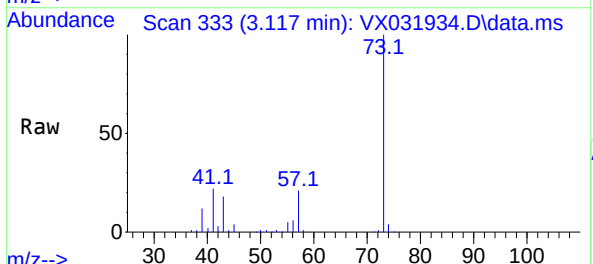
Instrument :
MSVOA_X
ClientSampleId :

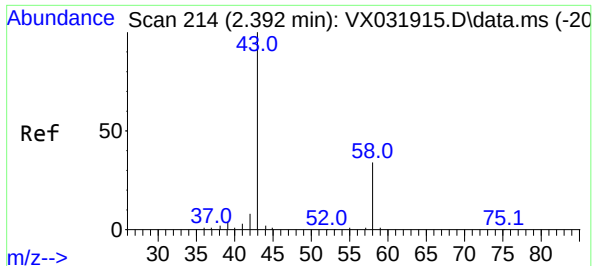
Tgt Ion: 59 Resp: 13975
Ion Ratio Lower Upper
59 100
57 7.7 8.2 12.2#



#15
Acrylonitrile
Concen: 2.584 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.049 min
Lab File: VX031934.D
Acq: 06 Oct 2022 21:38

Tgt Ion: 53 Resp: 1252
Ion Ratio Lower Upper
53 100
52 12.8 66.9 100.3#
51 85.6 30.0 45.0#

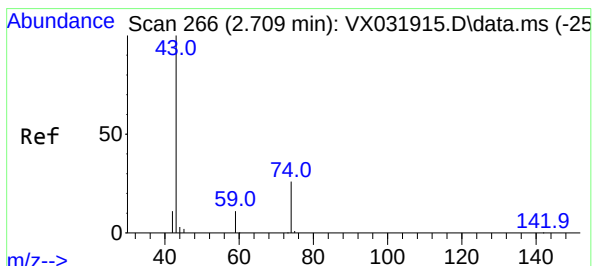
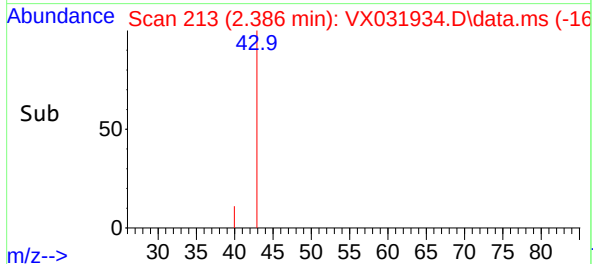
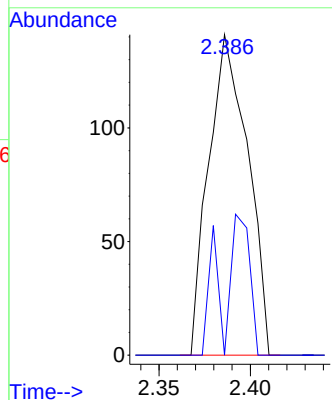
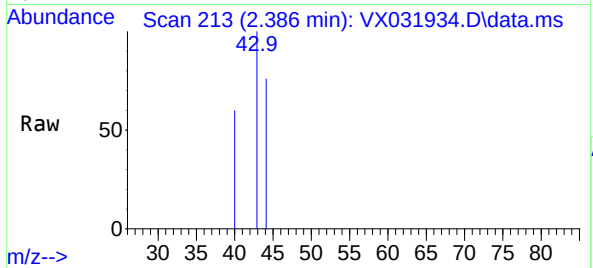




#16
Acetone
Concen: 0.506 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX031934.D
Acq: 06 Oct 2022 21:38

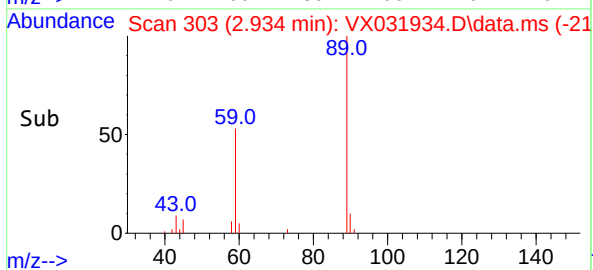
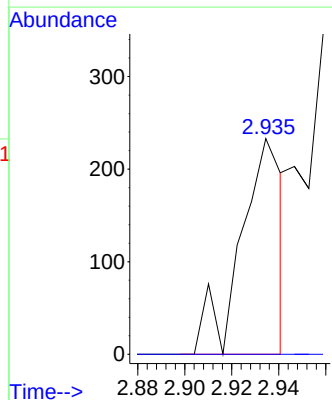
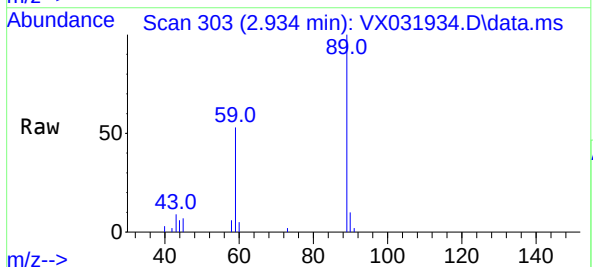
Instrument :
MSVOA_X
ClientSampleId :

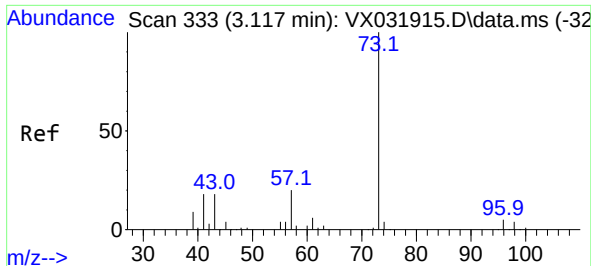
Tgt Ion: 43 Resp: 210
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#18
Methyl Acetate
Concen: 0.210 ug/l
RT: 2.934 min Scan# 303
Delta R.T. 0.225 min
Lab File: VX031934.D
Acq: 06 Oct 2022 21:38

Tgt Ion: 43 Resp: 288
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#

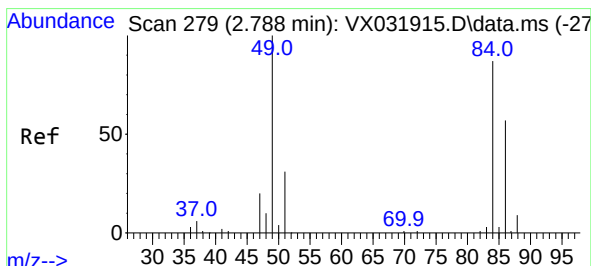
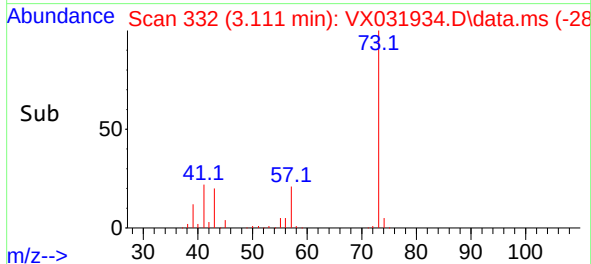
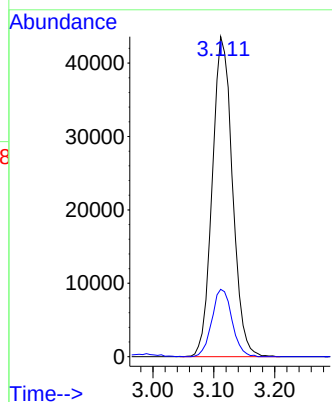
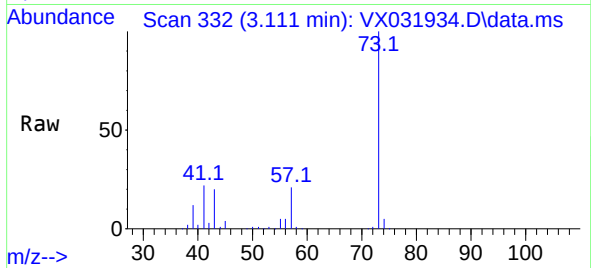




#19
Methyl tert-butyl Ether
Concen: 33.194 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX031934.D
Acq: 06 Oct 2022 21:38

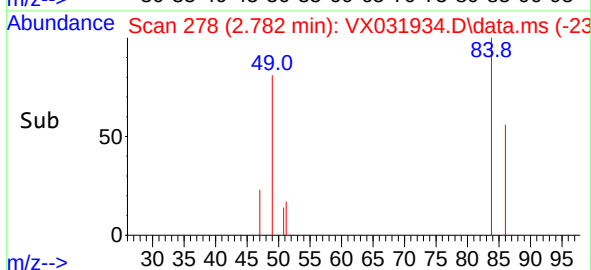
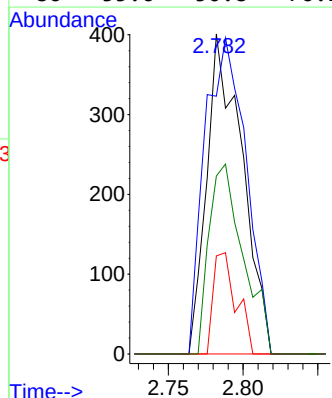
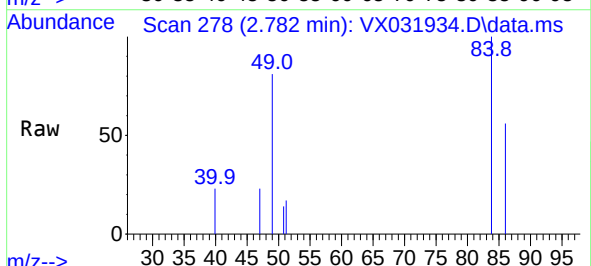
Instrument :
MSVOA_X
ClientSampleId :

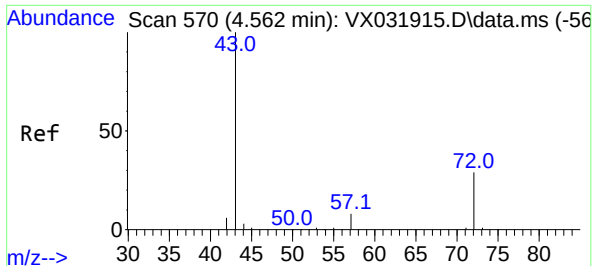
Tgt Ion: 73 Resp: 100376
Ion Ratio Lower Upper
73 100
57 21.1 17.2 25.8



#20
Methylene Chloride
Concen: 0.604 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX031934.D
Acq: 06 Oct 2022 21:38

Tgt Ion: 84 Resp: 659
Ion Ratio Lower Upper
84 100
49 80.5 105.9 158.9#
51 30.7 32.2 48.2#
86 55.6 50.8 76.2

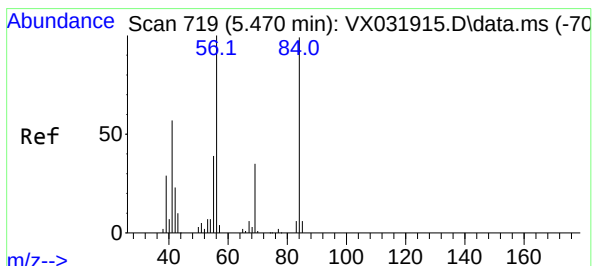
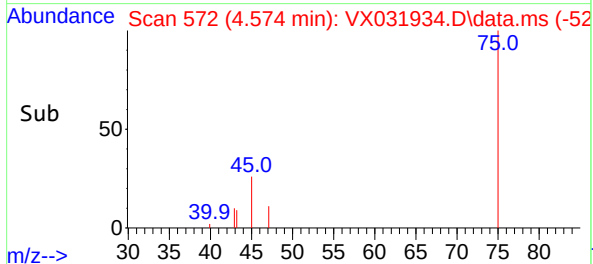
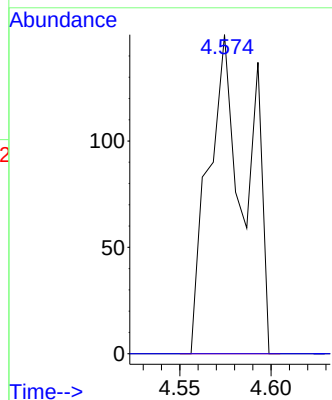
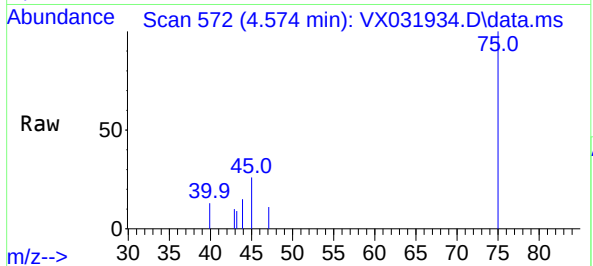




#25
2-Butanone
Concen: 0.336 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX031934.D
Acq: 06 Oct 2022 21:38

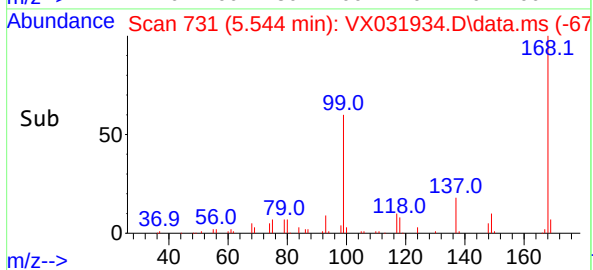
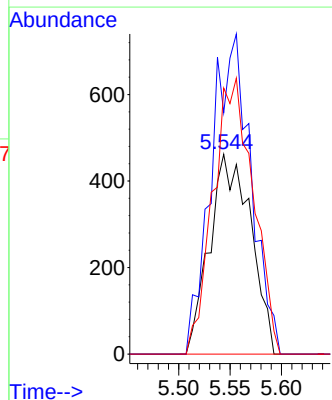
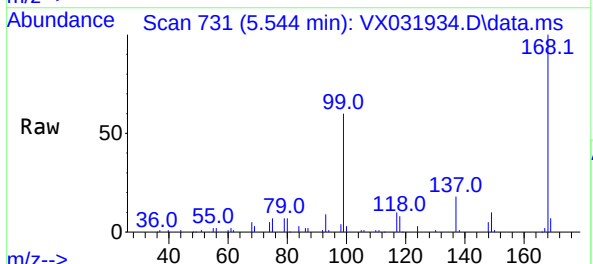
Instrument :
MSVOA_X
ClientSampleId :

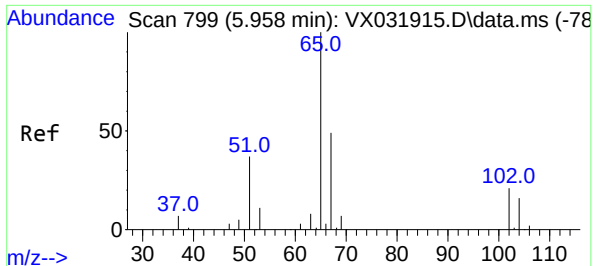
Tgt Ion: 43 Resp: 218
Ion Ratio Lower Upper
43 100
72 0.0 21.1 31.7#



#31
Cyclohexane
Concen: 0.882 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.074 min
Lab File: VX031934.D
Acq: 06 Oct 2022 21:38

Tgt Ion: 56 Resp: 1287
Ion Ratio Lower Upper
56 100
69 120.8 25.1 37.7#
84 133.1 70.2 105.4#

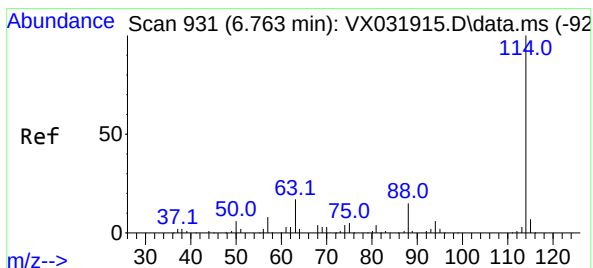
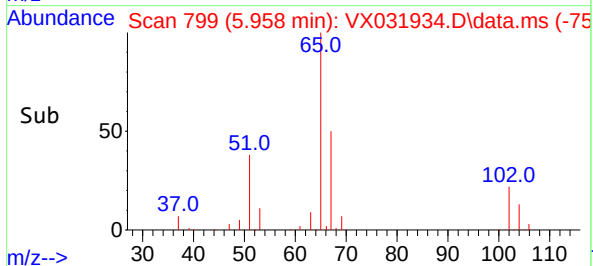
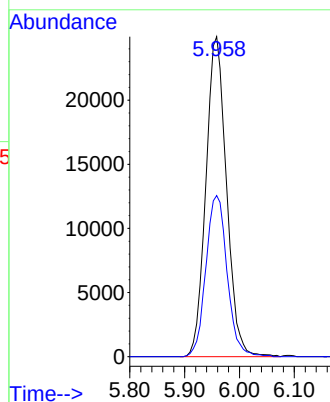
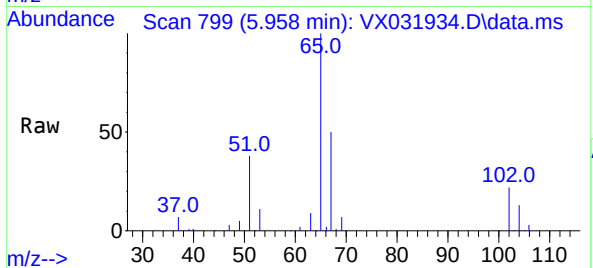




#33
 1,2-Dichloroethane-d4
 Concen: 53.237 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX031934.D
 Acq: 06 Oct 2022 21:38

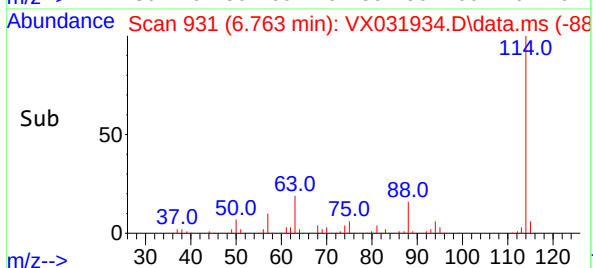
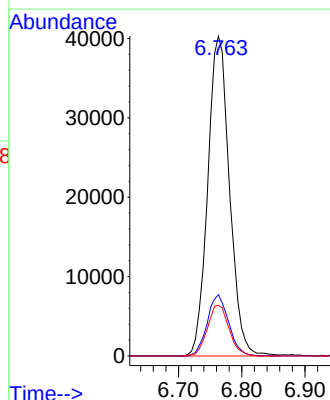
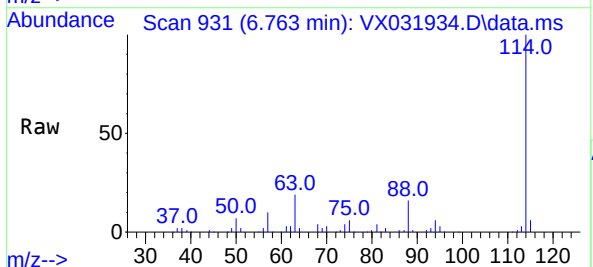
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 MSVOA_X
 ClientSampleId :

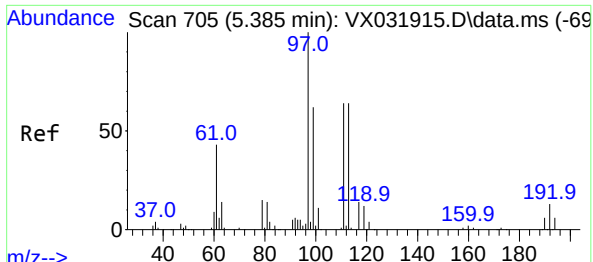
Tgt Ion: 65 Resp: 65044
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX031934.D
 Acq: 06 Oct 2022 21:38

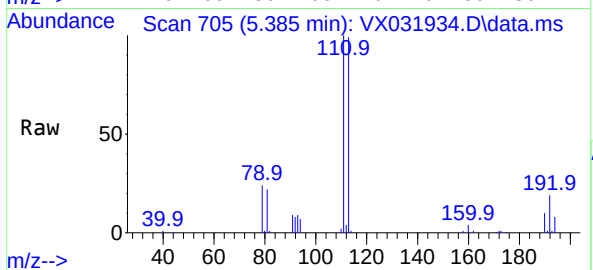
Tgt Ion: 114 Resp: 96413
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 42.6
 88 15.9 0.0 33.0





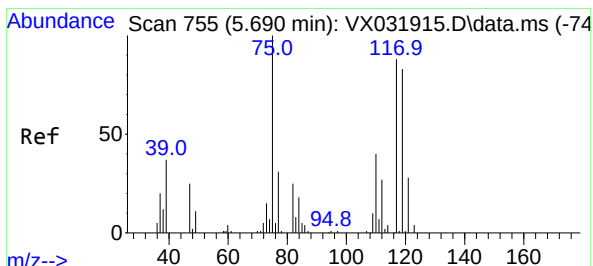
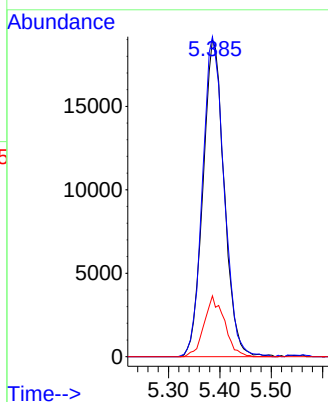
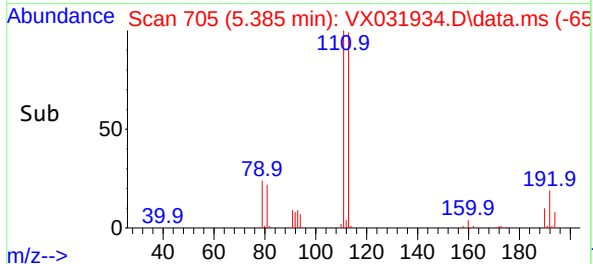
#35
Dibromofluoromethane
Concen: 49.767 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031934.D
Acq: 06 Oct 2022 21:38

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:113 Resp: 54313

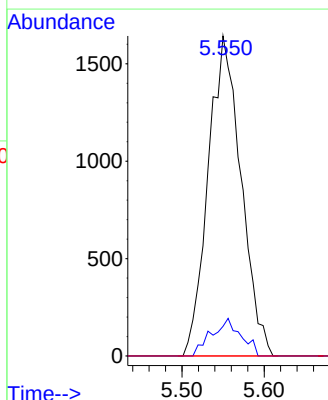
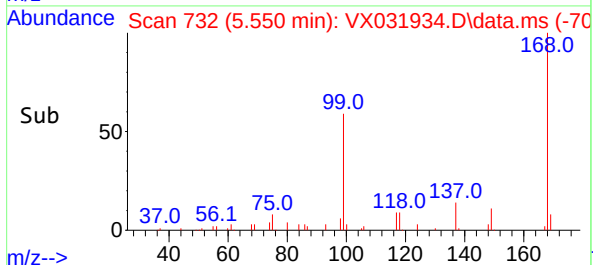
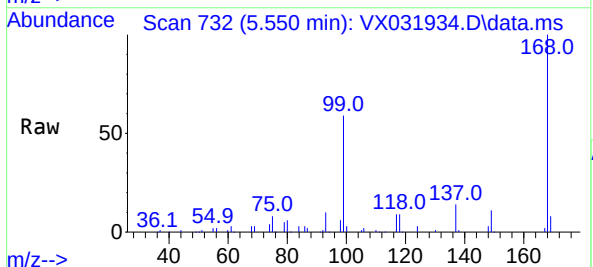
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.4	123.6
192	18.5	14.1	21.1

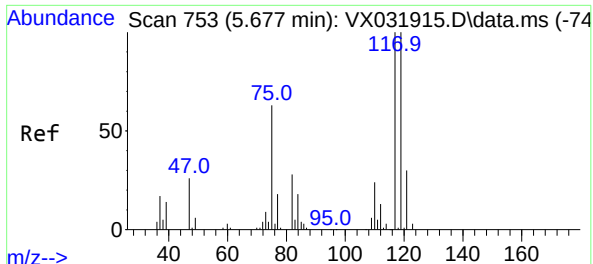


#36
1,1-Dichloropropene
Concen: 3.152 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX031934.D
Acq: 06 Oct 2022 21:38

Tgt Ion: 75 Resp: 4561

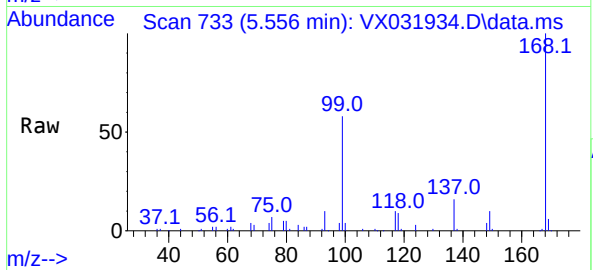
Ion	Ratio	Lower	Upper
75	100		
110	10.5	17.5	52.5#
77	0.0	24.9	37.3#



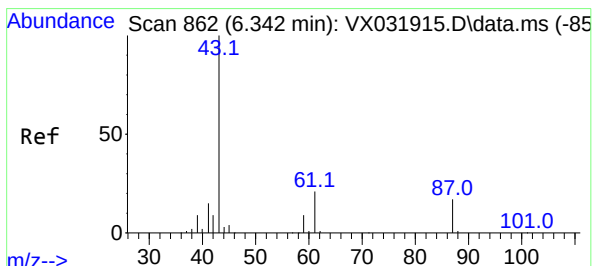
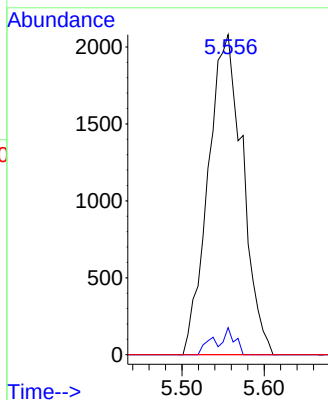
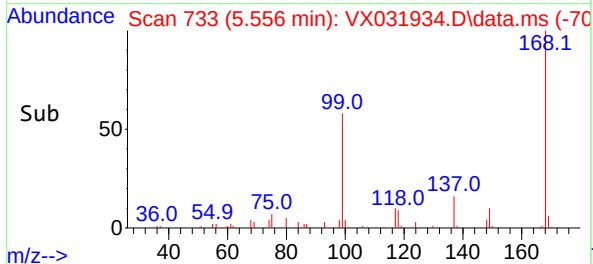


#38
Carbon Tetrachloride
Concen: 4.107 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.121 min
Lab File: VX031934.D
Acq: 06 Oct 2022 21:38

Instrument :
MSVOA_X
ClientSampleId :

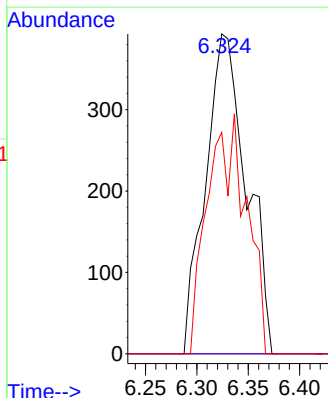
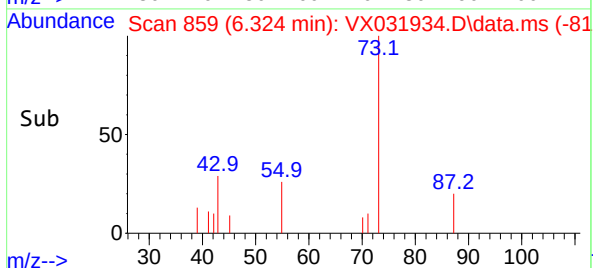
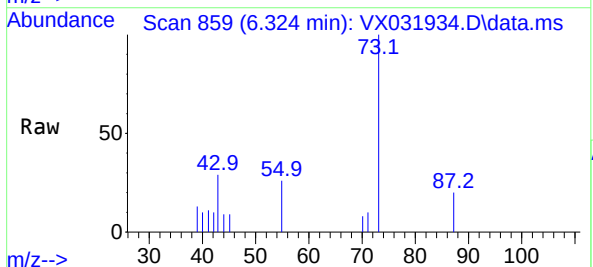


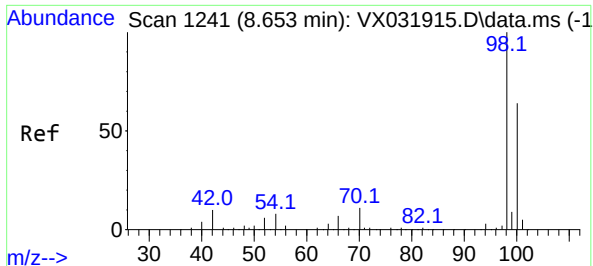
Tgt Ion:117 Resp: 6077
Ion Ratio Lower Upper
117 100
119 8.5 74.6 112.0#
121 0.0 25.3 37.9#



#43
Isopropyl Acetate
Concen: 0.530 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.018 min
Lab File: VX031934.D
Acq: 06 Oct 2022 21:38

Tgt Ion: 43 Resp: 1095
Ion Ratio Lower Upper
43 100
61 0.0 15.3 22.9#
87 70.5 10.6 15.8#





#50

Toluene-d8

Concen: 50.188 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX031934.D

Acq: 06 Oct 2022 21:38

Instrument :

MSVOA_X

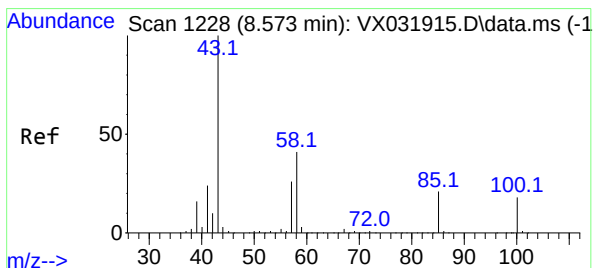
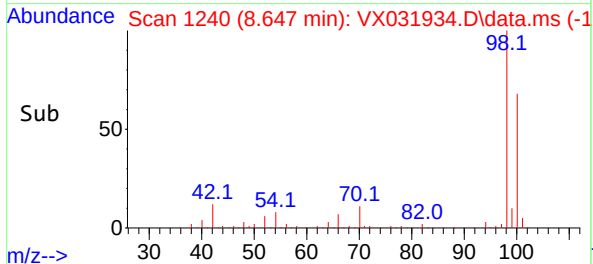
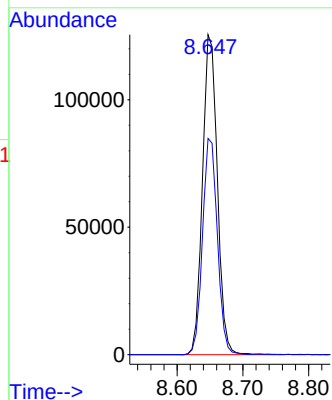
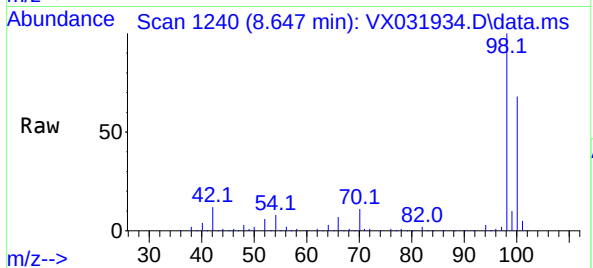
ClientSampleId :

Tgt Ion: 98 Resp: 197088

Ion Ratio Lower Upper

98 100

100 67.6 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.516 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.080 min

Lab File: VX031934.D

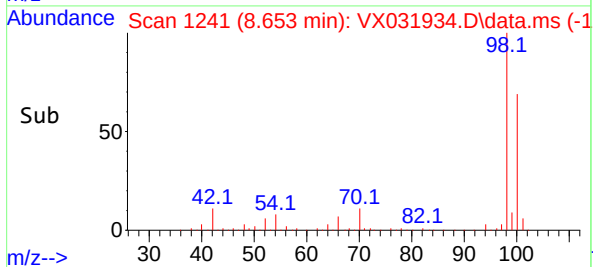
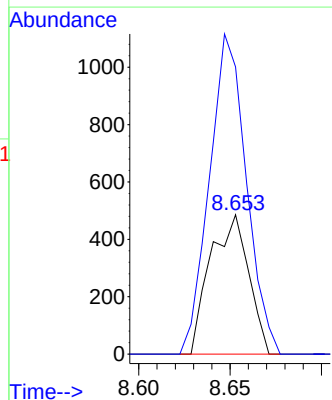
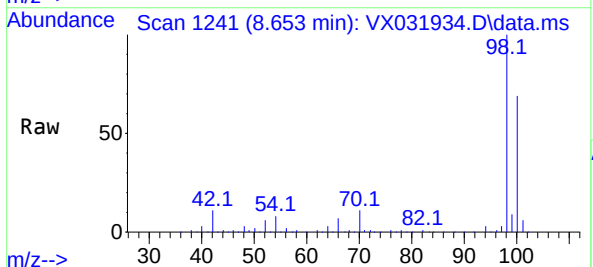
Acq: 06 Oct 2022 21:38

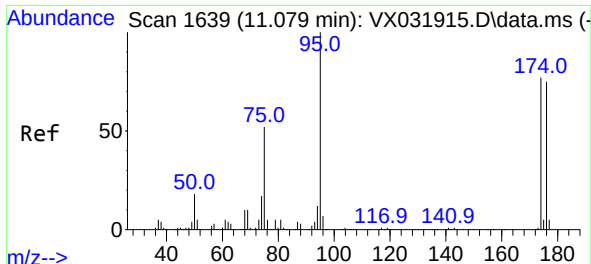
Tgt Ion: 43 Resp: 707

Ion Ratio Lower Upper

43 100

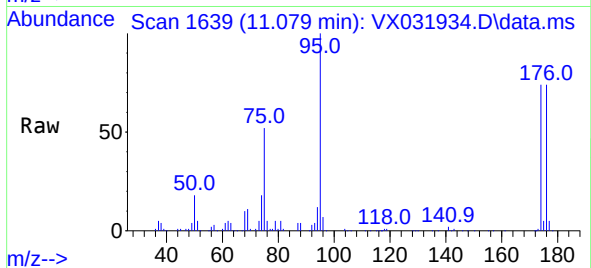
58 221.9 30.6 46.0#



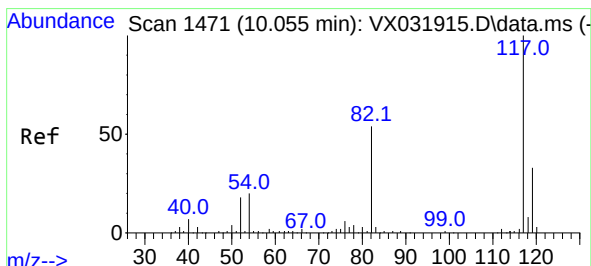
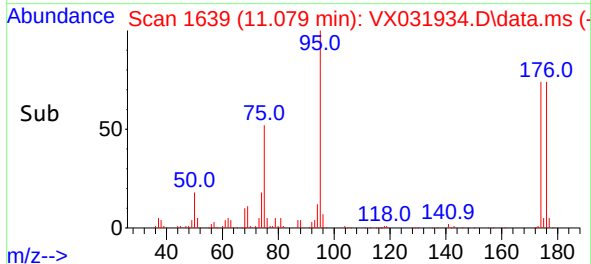
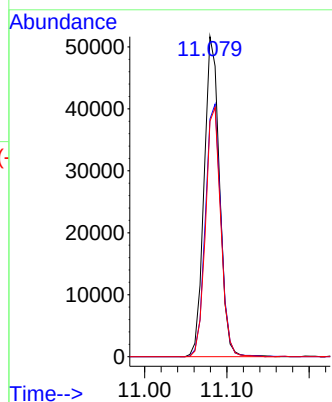


#62
4-Bromofluorobenzene
Concen: 48.408 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031934.D
Acq: 06 Oct 2022 21:38

Instrument :
MSVOA_X
ClientSampleId :

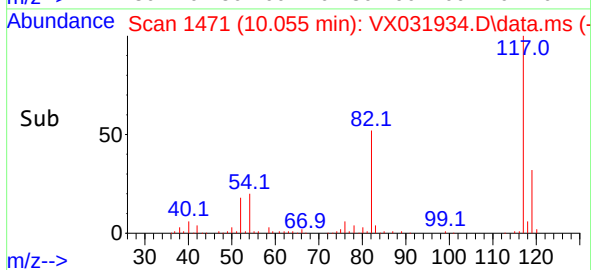
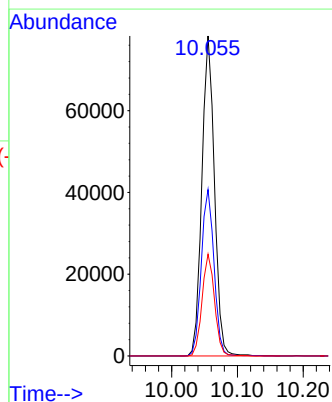
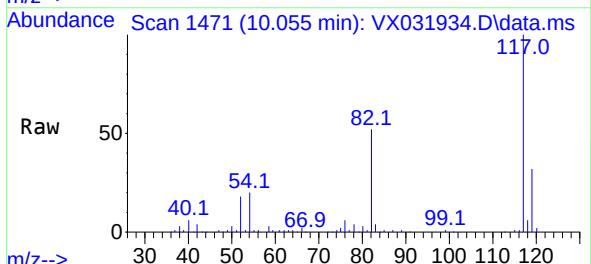


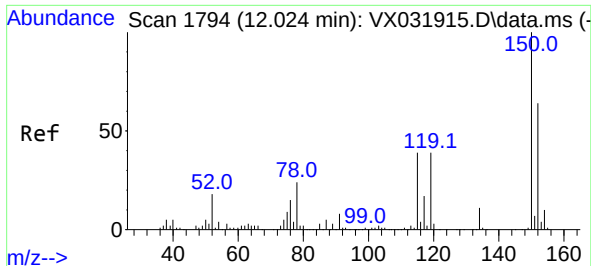
Tgt Ion: 95 Resp: 67206
Ion Ratio Lower Upper
95 100
174 79.6 0.0 153.2
176 76.8 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031934.D
Acq: 06 Oct 2022 21:38

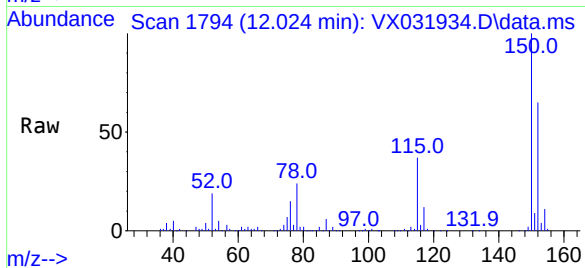
Tgt Ion: 117 Resp: 104091
Ion Ratio Lower Upper
117 100
82 52.0 46.8 70.2
119 31.8 26.4 39.6



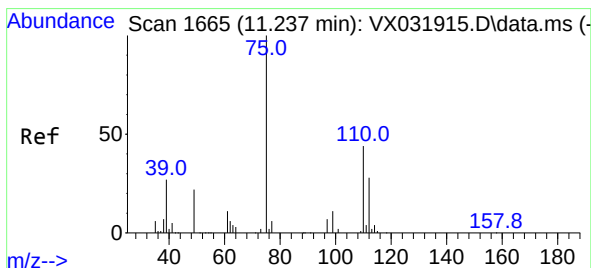
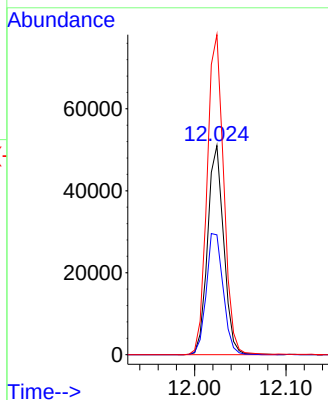
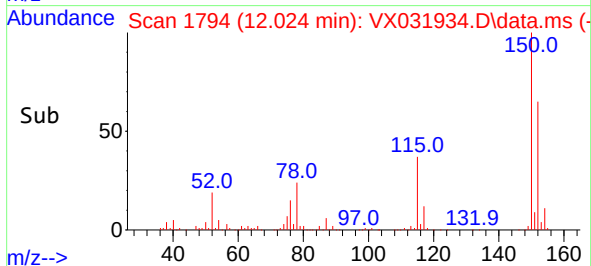


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031934.D
 Acq: 06 Oct 2022 21:38

Instrument :
 MSVOA_X
 ClientSampleId :

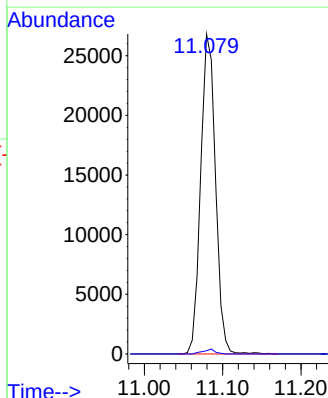
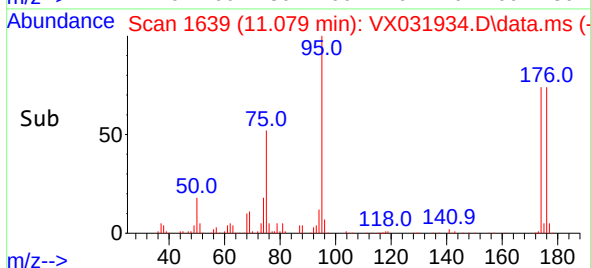
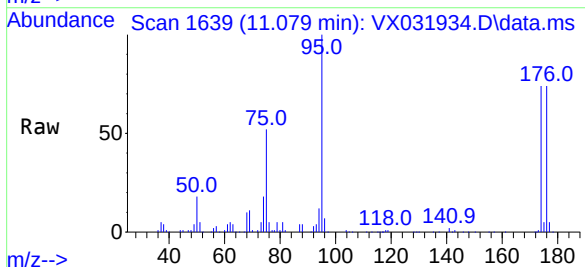


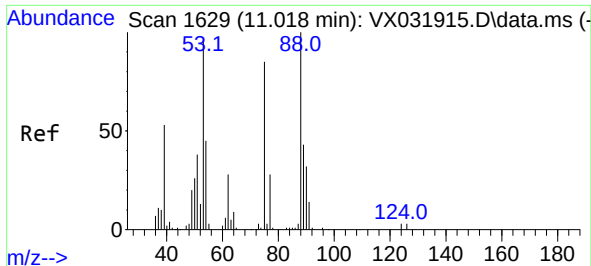
Tgt Ion:152 Resp: 62383
 Ion Ratio Lower Upper
 152 100
 115 60.7 43.4 130.1
 150 157.6 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 27.586 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX031934.D
 Acq: 06 Oct 2022 21:38

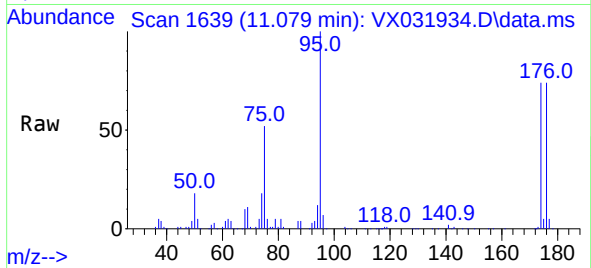
Tgt Ion: 75 Resp: 35270
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.448 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX031934.D
 Acq: 06 Oct 2022 21:38

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 35270
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

