

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100722\
 Data File : VX031966.D
 Acq On : 07 Oct 2022 16:45
 Operator : JC/MD
 Sample : N4883-06DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-138DL

Quant Time: Oct 08 05:13:55 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)

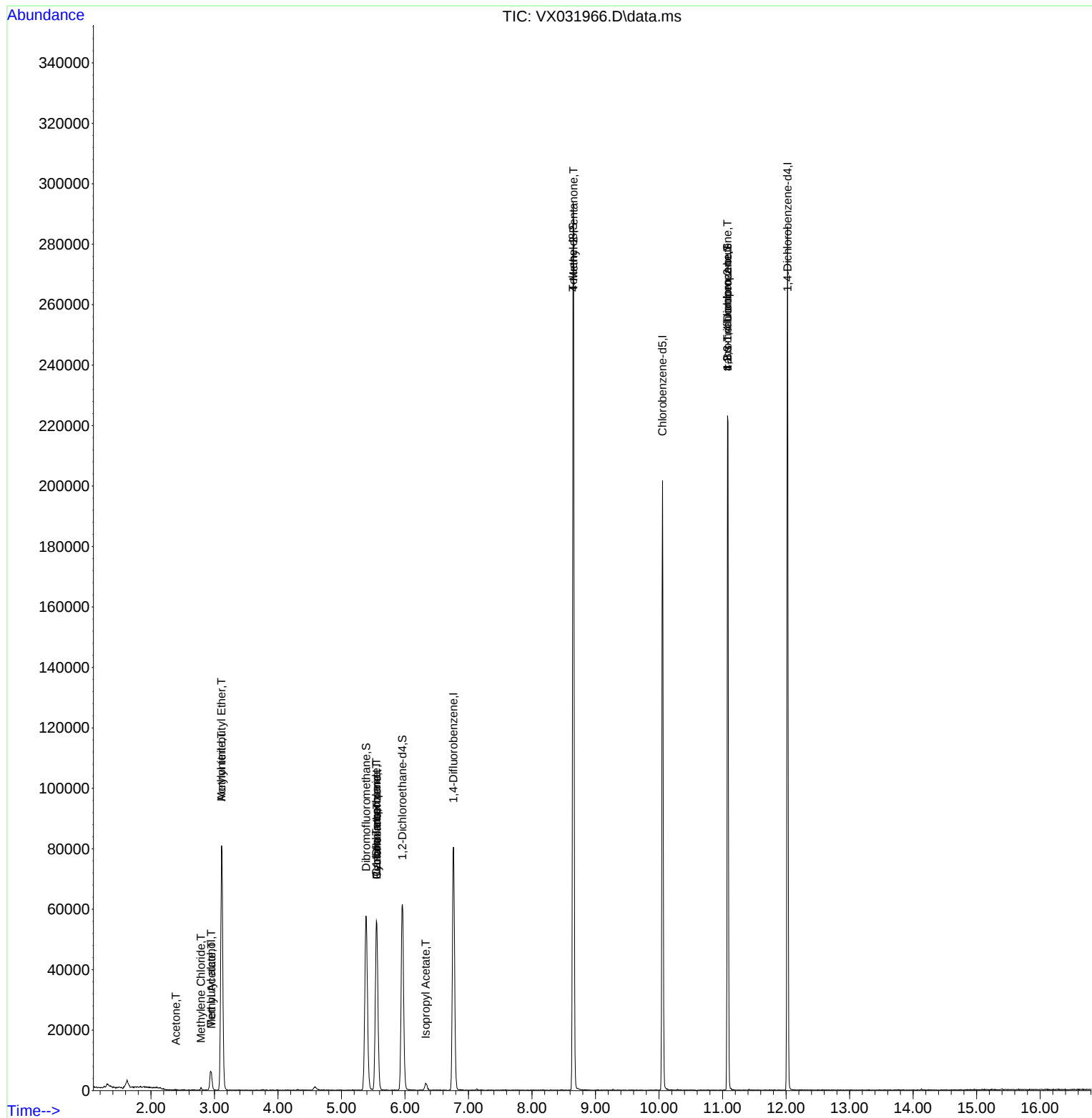
Internal Standards						
1) Pentafluorobenzene	5.556	168	53414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	86876	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	92430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59518	53.955	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.900%			
35) Dibromofluoromethane	5.385	113	50124	50.971	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.940%			
50) Toluene-d8	8.647	98	172582	48.772	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.540%			
62) 4-Bromofluorobenzene	11.079	95	59026	47.184	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.360%			
Target Compounds			Qvalue			
5) Bromomethane	1.618	94	304	Below Cal	#	81
11) Tert butyl alcohol	2.947	59	4032	29.378	ug/l #	73
15) Acrylonitrile	3.111	53	1166	2.665	ug/l #	28
16) Acetone	2.392	43	140	0.373	ug/l #	45
18) Methyl Acetate	2.953	43	585	0.473	ug/l #	52
19) Methyl tert-butyl Ether	3.111	73	88019	32.239	ug/l	99
20) Methylene Chloride	2.788	84	354	0.359	ug/l #	79
31) Cyclohexane	5.556	56	1071	0.813	ug/l #	28
36) 1,1-Dichloropropene	5.550	75	4355	3.340	ug/l #	49
38) Carbon Tetrachloride	5.550	117	5798	4.348	ug/l #	17
43) Isopropyl Acetate	6.324	43	764	0.410	ug/l #	4
51) 4-Methyl-2-Pentanone	8.653	43	711	0.576	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	30917	26.869	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	30917	92.085	ug/l #	11

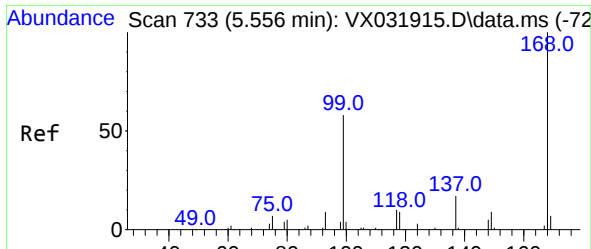
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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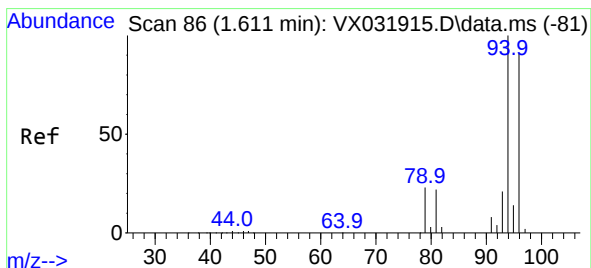
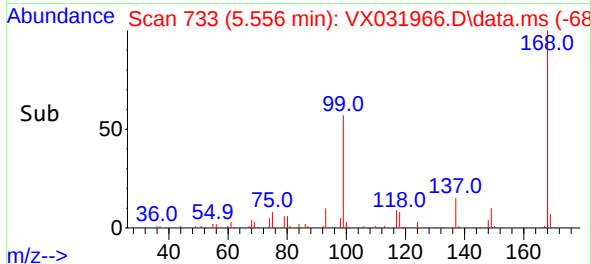
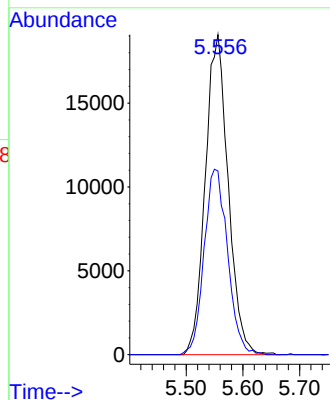
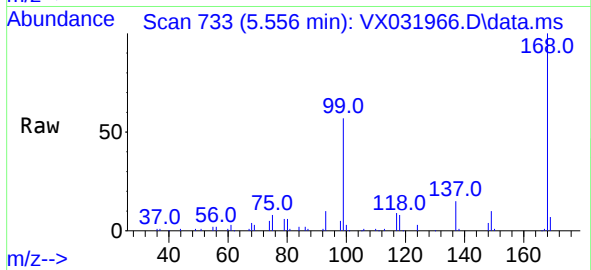




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031966.D
Acq: 07 Oct 2022 16:45

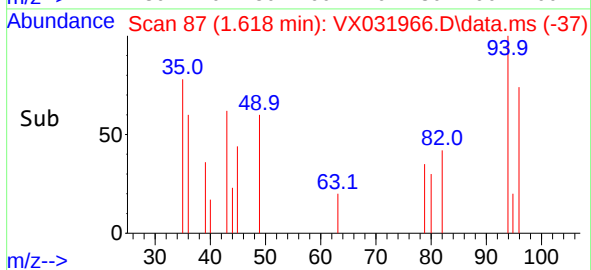
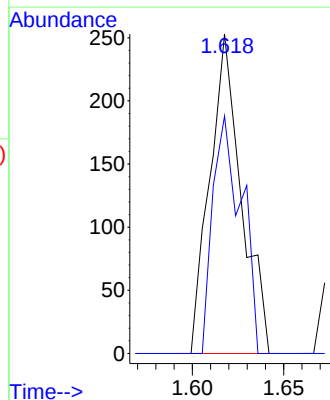
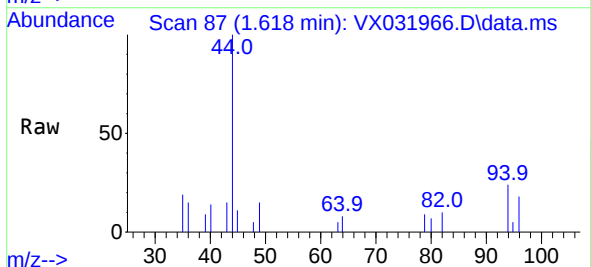
Instrument :
MSVOA_X
ClientSampleId :
MW-138DL

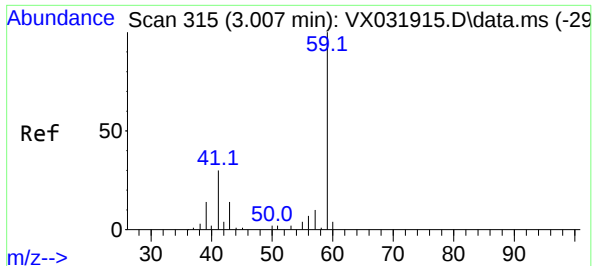
Tgt Ion:168 Resp: 53414
Ion Ratio Lower Upper
168 100
99 57.4 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX031966.D
Acq: 07 Oct 2022 16:45

Tgt Ion: 94 Resp: 304
Ion Ratio Lower Upper
94 100
96 74.3 74.4 111.6#





#11

Tert butyl alcohol

Concen: 29.378 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.060 min

Lab File: VX031966.D

Acq: 07 Oct 2022 16:45

Instrument :

MSVOA_X

ClientSampleId :

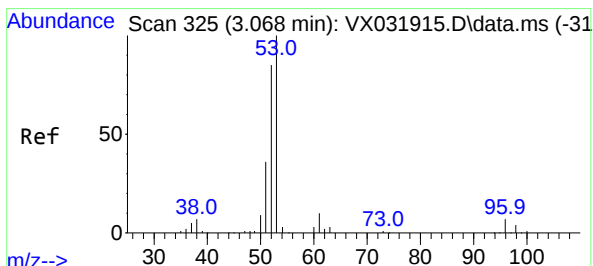
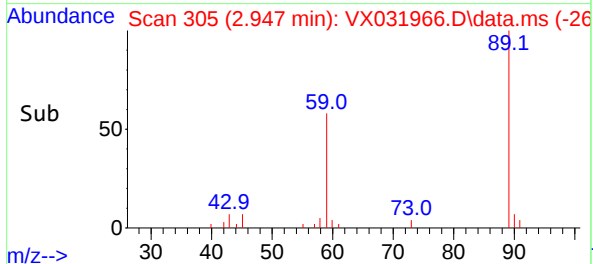
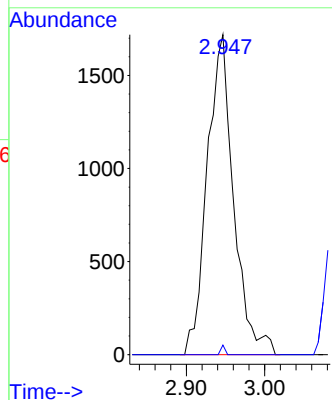
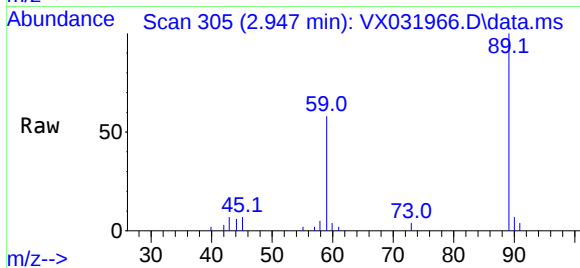
MW-138DL

Tgt Ion: 59 Resp: 4032

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#15

Acrylonitrile

Concen: 2.665 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.043 min

Lab File: VX031966.D

Acq: 07 Oct 2022 16:45

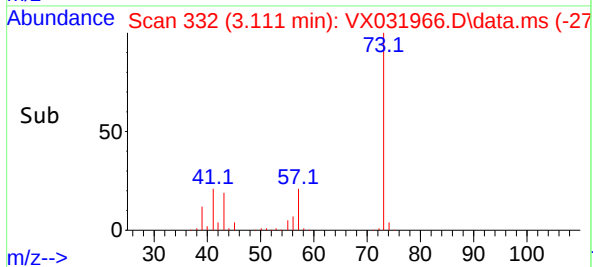
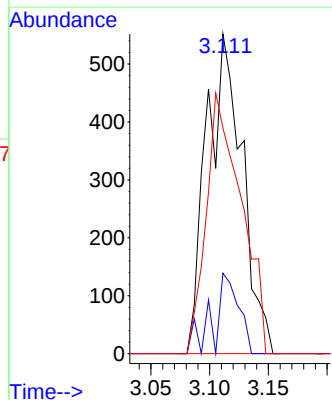
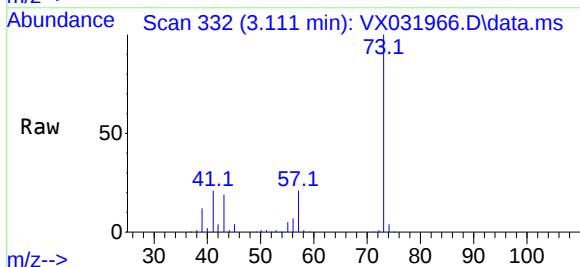
Tgt Ion: 53 Resp: 1166

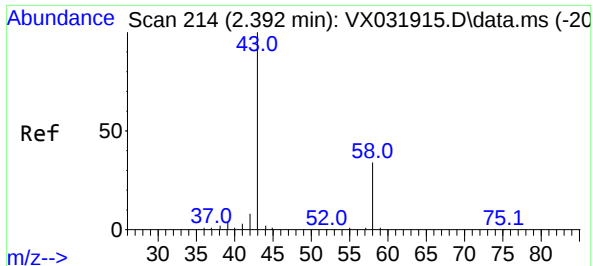
Ion Ratio Lower Upper

53 100

52 17.7 66.9 100.3#

51 80.1 30.0 45.0#

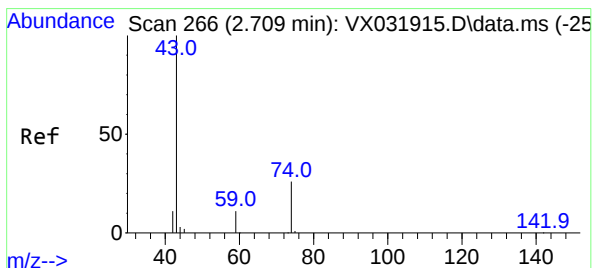
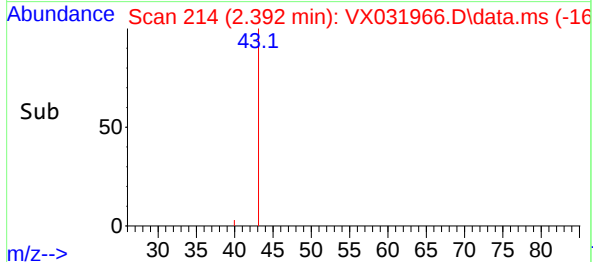
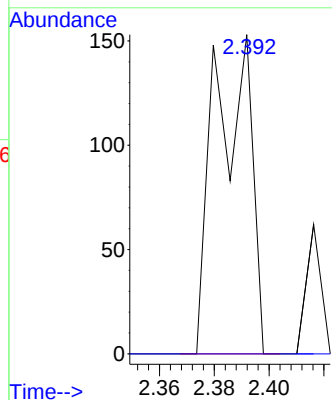
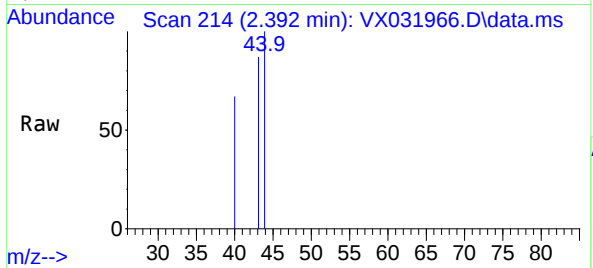




#16
Acetone
Concen: 0.373 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX031966.D
Acq: 07 Oct 2022 16:45

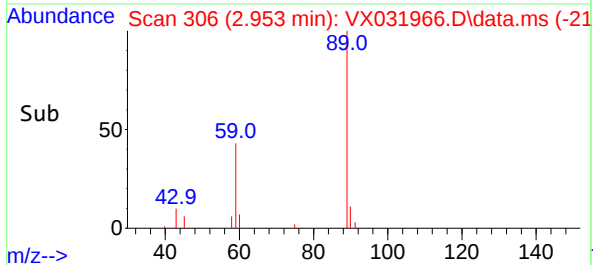
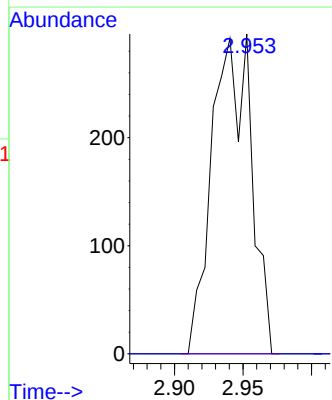
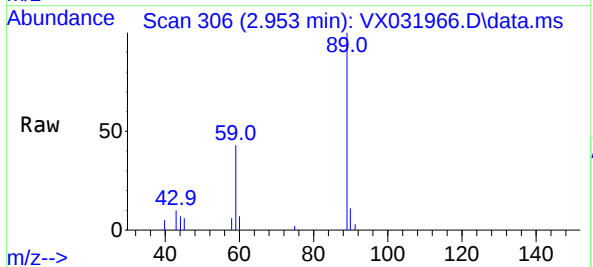
Instrument :
MSVOA_X
ClientSampleId :
MW-138DL

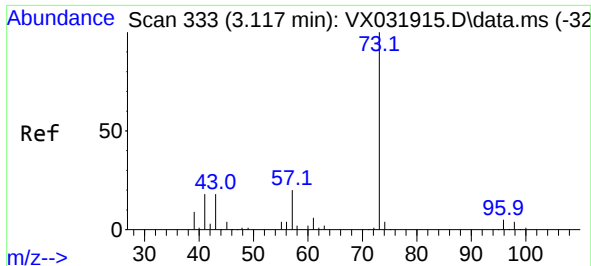
Tgt Ion: 43 Resp: 140
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#18
Methyl Acetate
Concen: 0.473 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.244 min
Lab File: VX031966.D
Acq: 07 Oct 2022 16:45

Tgt Ion: 43 Resp: 585
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#





#19

Methyl tert-butyl Ether

Concen: 32.239 ug/l

RT: 3.111 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX031966.D

Acq: 07 Oct 2022 16:45

Instrument :

MSVOA_X

ClientSampleId :

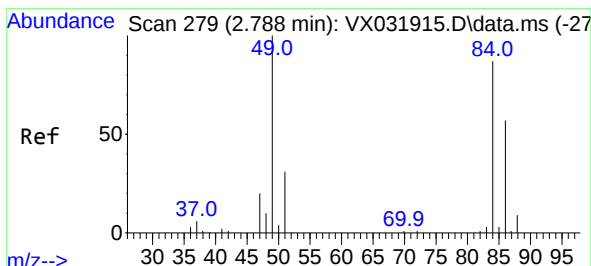
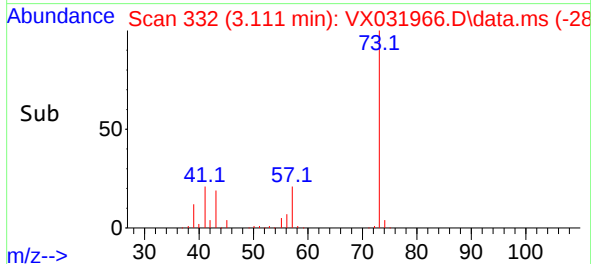
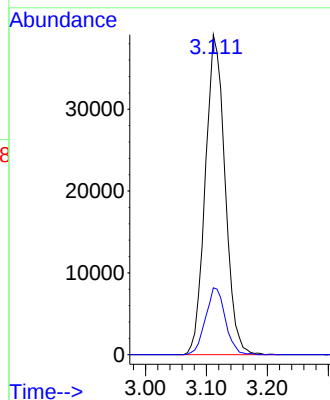
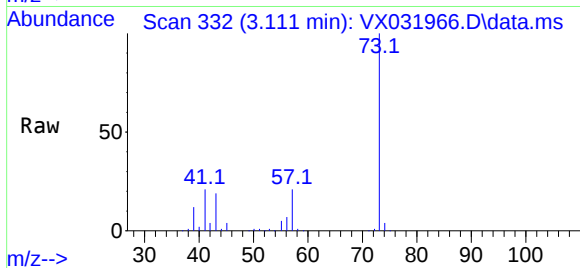
MW-138DL

Tgt Ion: 73 Resp: 88019

Ion Ratio Lower Upper

73 100

57 20.9 17.2 25.8



#20

Methylene Chloride

Concen: 0.359 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX031966.D

Acq: 07 Oct 2022 16:45

Tgt Ion: 84 Resp: 354

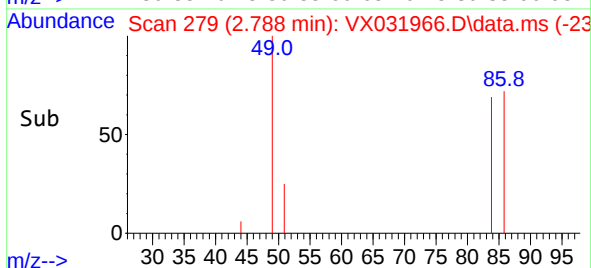
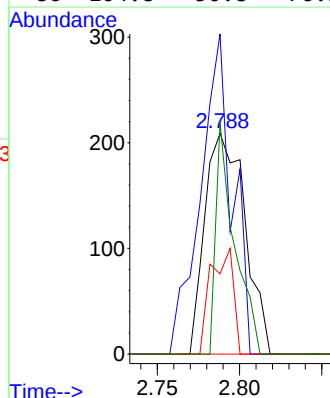
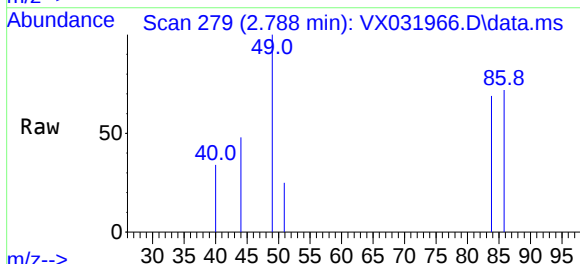
Ion Ratio Lower Upper

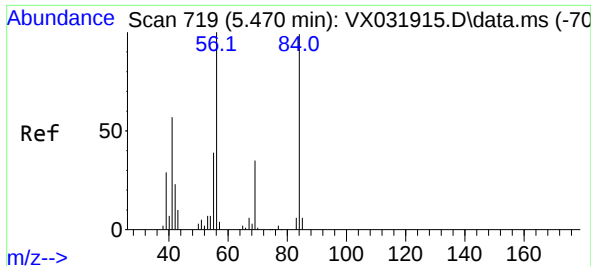
84 100

49 145.0 105.9 158.9

51 36.4 32.2 48.2

86 104.8 50.8 76.2#

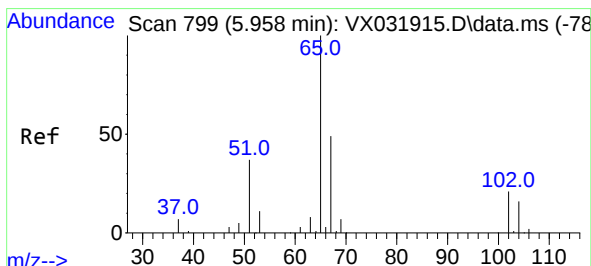
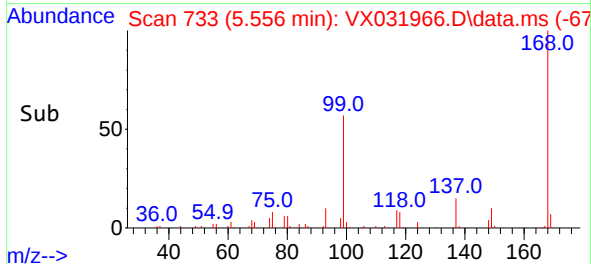
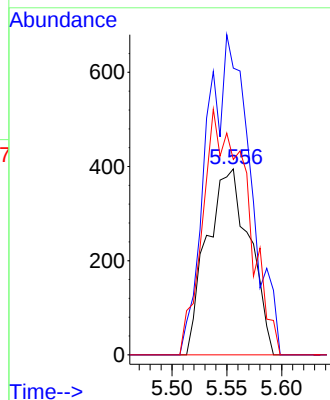
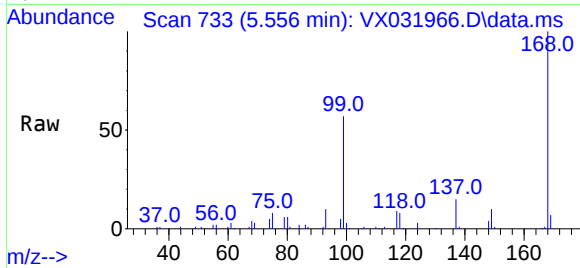




#31
Cyclohexane
Concen: 0.813 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX031966.D
Acq: 07 Oct 2022 16:45

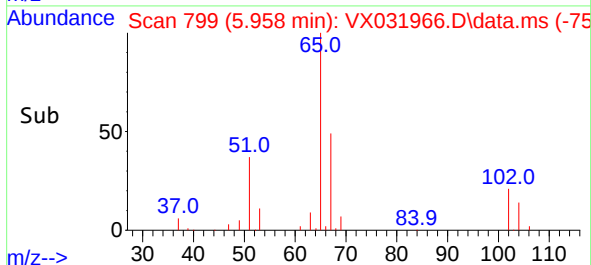
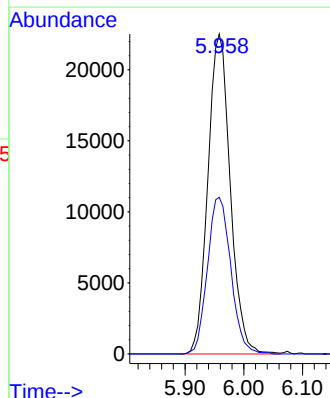
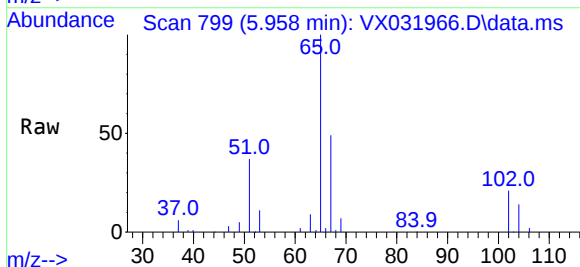
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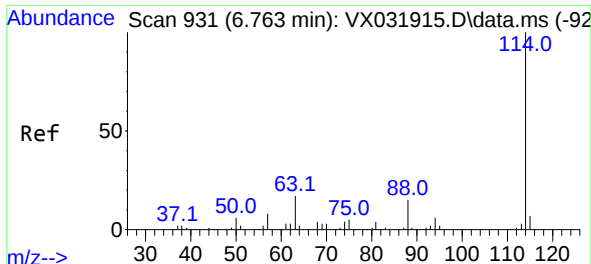
Tgt Ion: 56 Resp: 1071
Ion Ratio Lower Upper
56 100
69 154.2 25.1 37.7#
84 105.1 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 53.955 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031966.D
Acq: 07 Oct 2022 16:45

Tgt Ion: 65 Resp: 59518
Ion Ratio Lower Upper
65 100
67 51.1 0.0 102.4

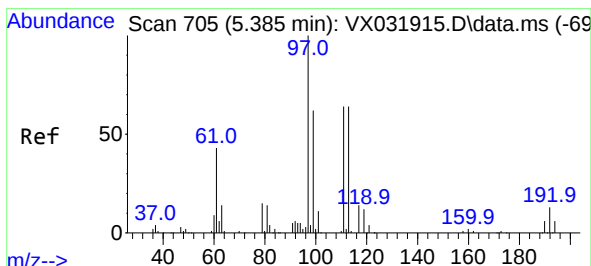
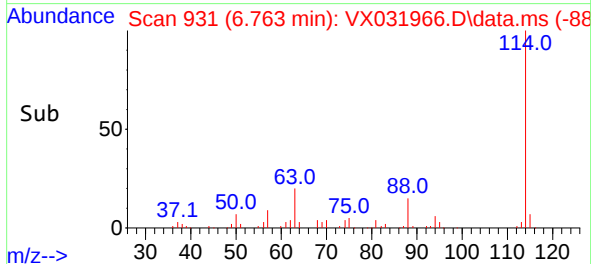
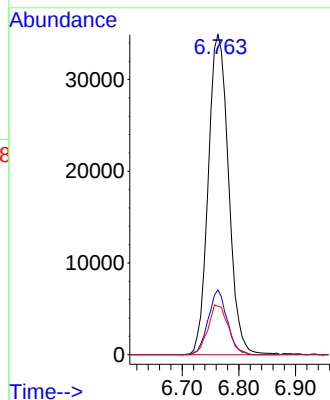
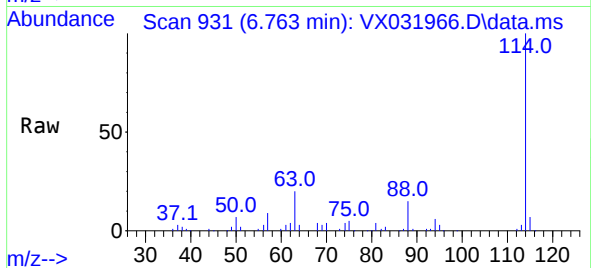




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031966.D
Acq: 07 Oct 2022 16:45

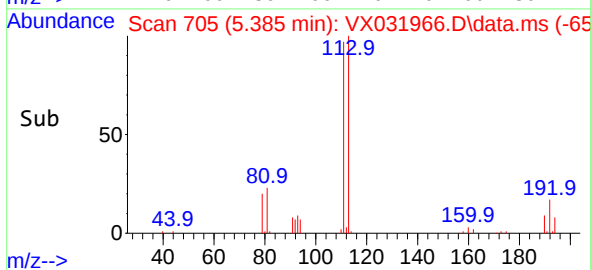
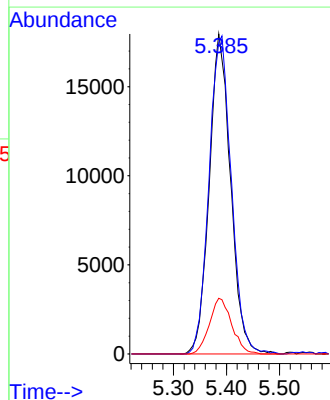
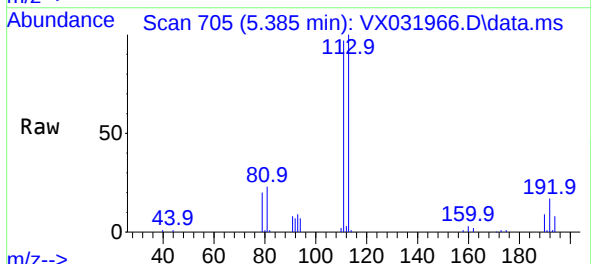
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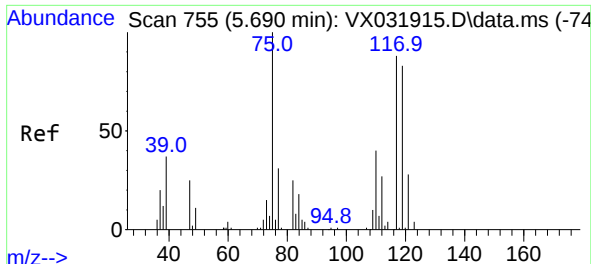
Tgt Ion:114 Resp: 86876
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.6
88 15.1 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.971 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031966.D
Acq: 07 Oct 2022 16:45

Tgt Ion:113 Resp: 50124
Ion Ratio Lower Upper
113 100
111 104.0 82.4 123.6
192 18.2 14.1 21.1

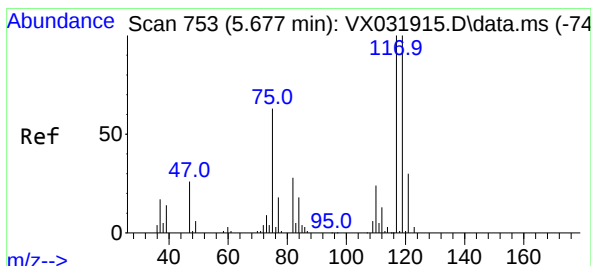
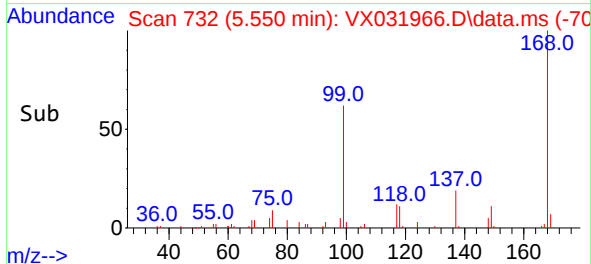
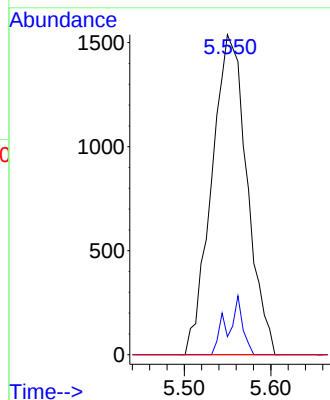
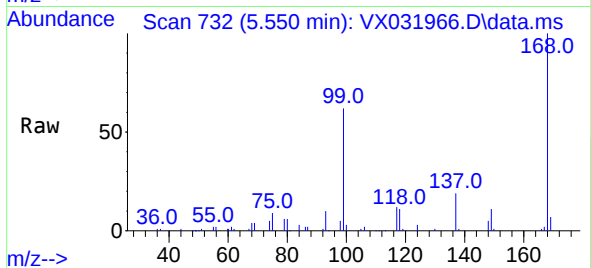




#36
1,1-Dichloropropene
Concen: 3.340 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX031966.D
Acq: 07 Oct 2022 16:45

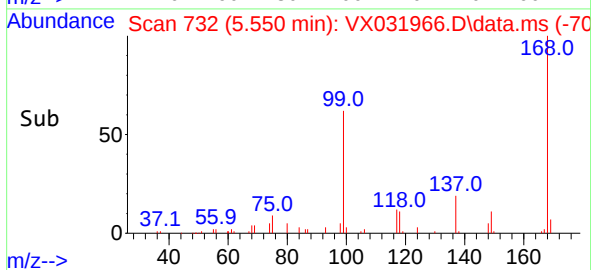
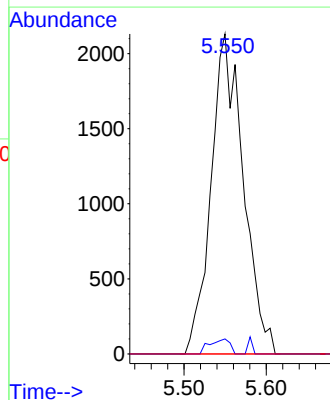
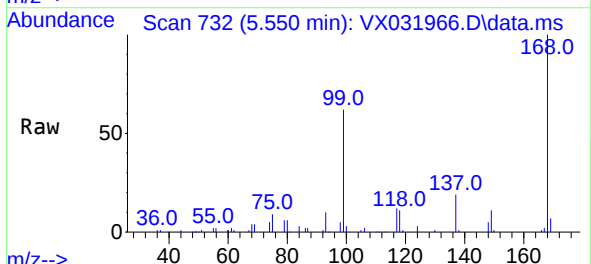
Instrument :
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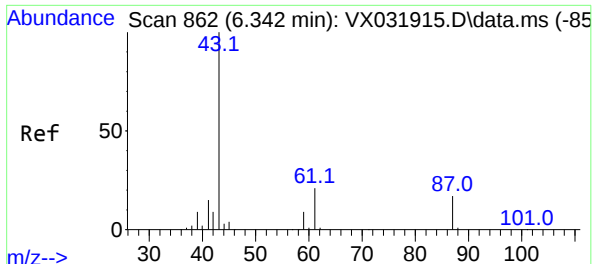
Tgt Ion: 75 Resp: 4355
Ion Ratio Lower Upper
75 100
110 7.9 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.348 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX031966.D
Acq: 07 Oct 2022 16:45

Tgt Ion: 117 Resp: 5798
Ion Ratio Lower Upper
117 100
119 4.7 74.6 112.0#
121 0.0 25.3 37.9#

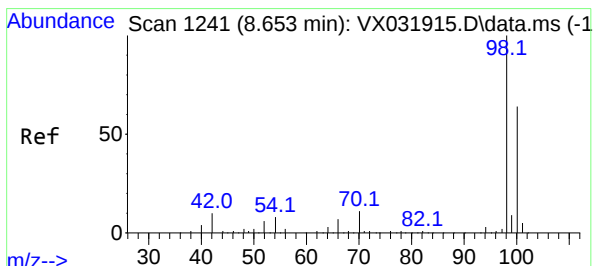
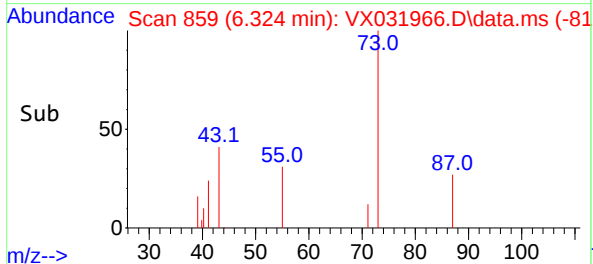
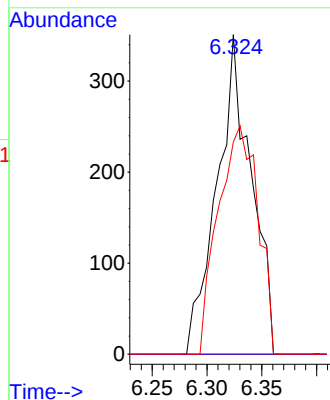
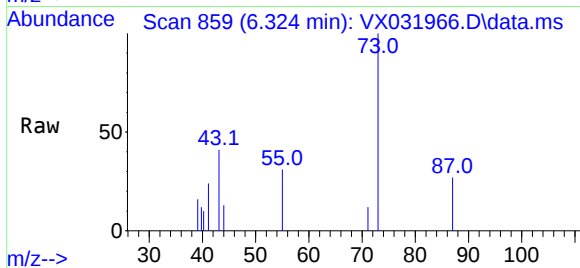




#43
Isopropyl Acetate
Concen: 0.410 ug/l
RT: 6.324 min Scan# 81
Delta R.T. -0.018 min
Lab File: VX031966.D
Acq: 07 Oct 2022 16:45

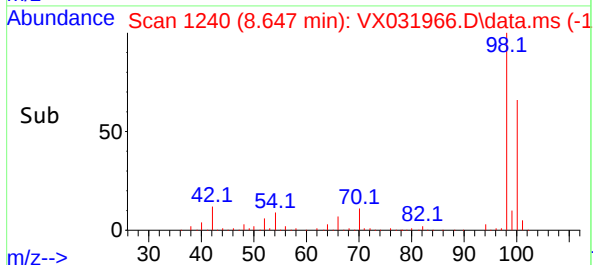
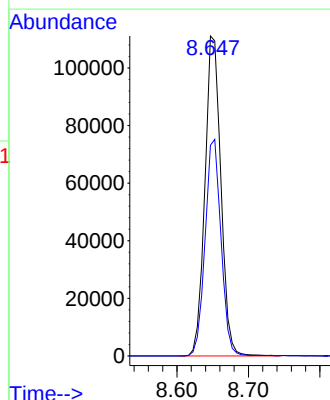
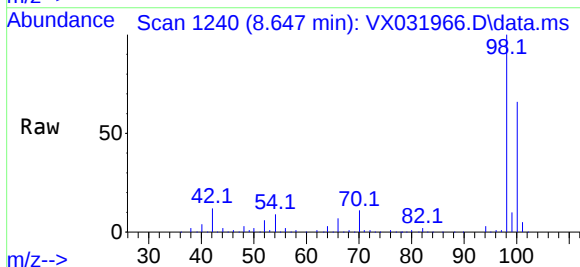
Instrument :
MSVOA_X
ClientSampleId :
MW-138DL

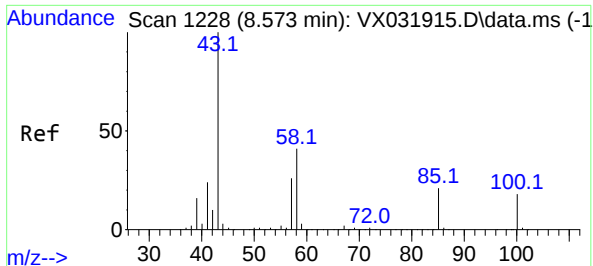
Tgt Ion: 43 Resp: 764
Ion Ratio Lower Upper
43 100
61 0.0 15.3 22.9#
87 83.0 10.6 15.8#



#50
Toluene-d8
Concen: 48.772 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031966.D
Acq: 07 Oct 2022 16:45

Tgt Ion: 98 Resp: 172582
Ion Ratio Lower Upper
98 100
100 67.5 52.5 78.7

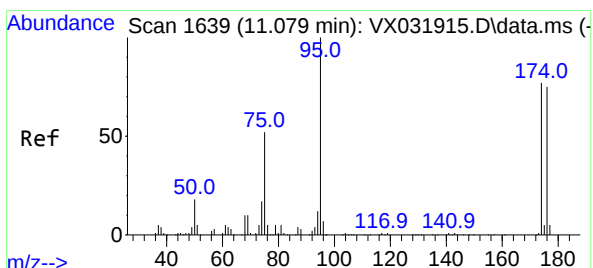
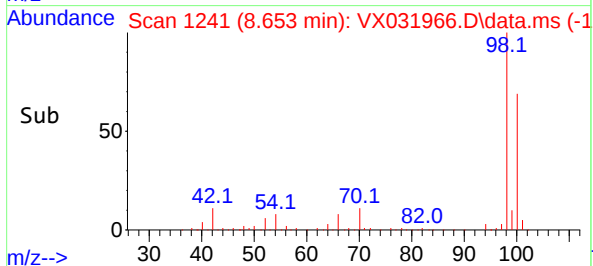
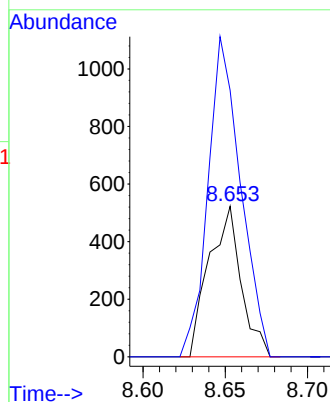
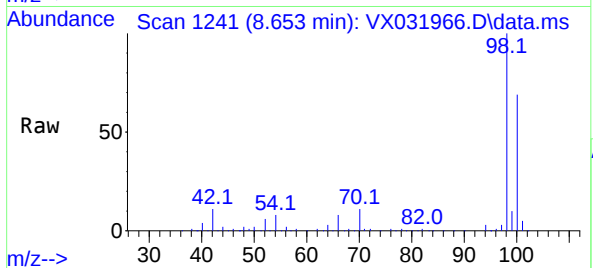




#51
4-Methyl-2-Pentanone
Concen: 0.576 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.080 min
Lab File: VX031966.D
Acq: 07 Oct 2022 16:45

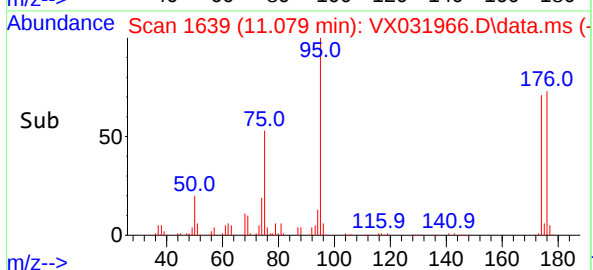
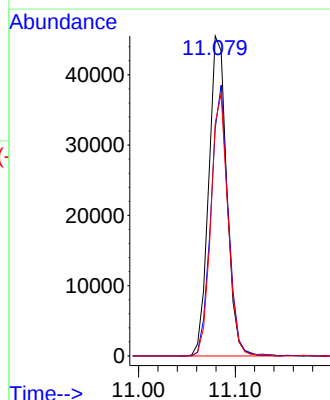
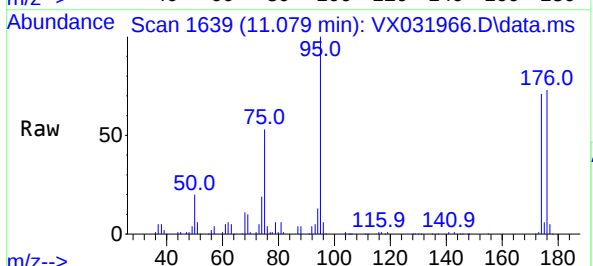
Instrument :
MSVOA_X
ClientSampleId :
MW-138DL

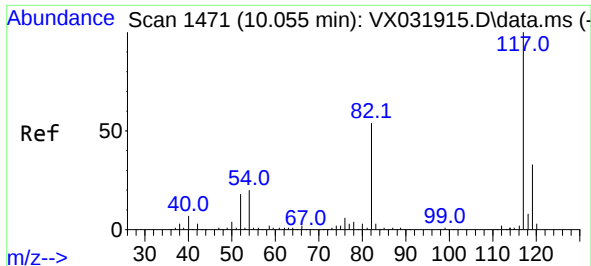
Tgt Ion: 43 Resp: 711
Ion Ratio Lower Upper
43 100
58 215.3 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 47.184 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031966.D
Acq: 07 Oct 2022 16:45

Tgt Ion: 95 Resp: 59026
Ion Ratio Lower Upper
95 100
174 80.5 0.0 153.2
176 77.5 0.0 144.0

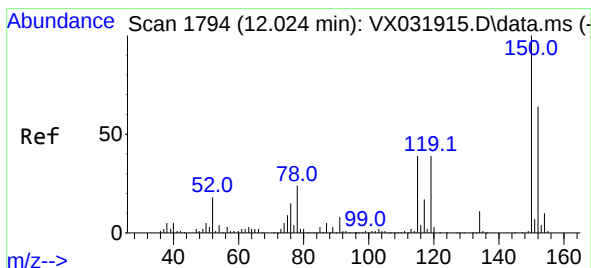
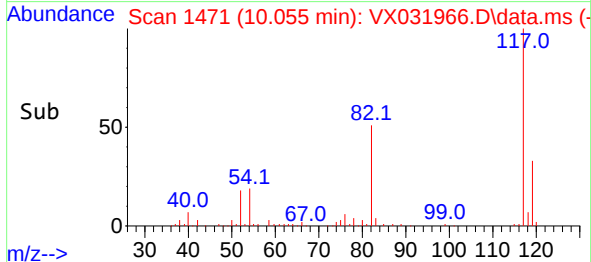
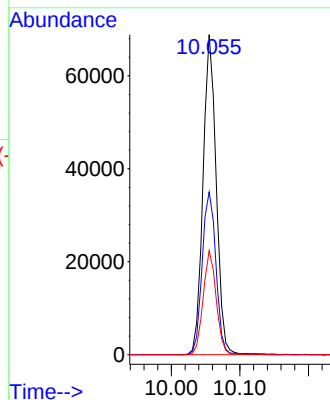
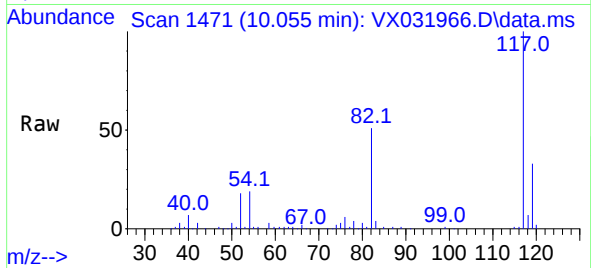




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031966.D
Acq: 07 Oct 2022 16:45

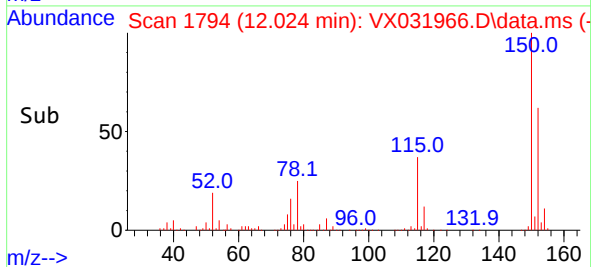
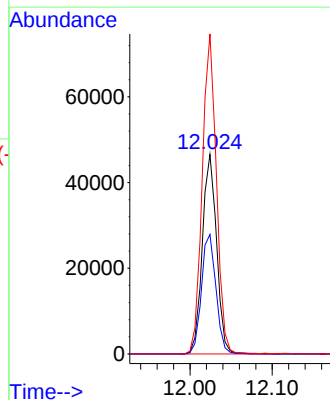
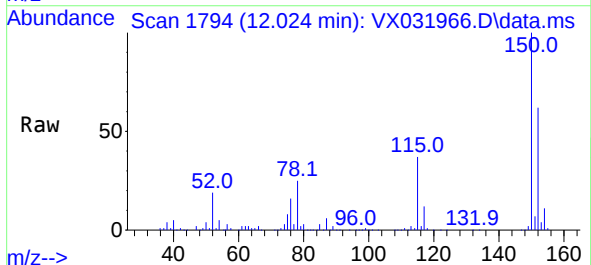
Instrument :
MSVOA_X
ClientSampleId :
MW-138DL

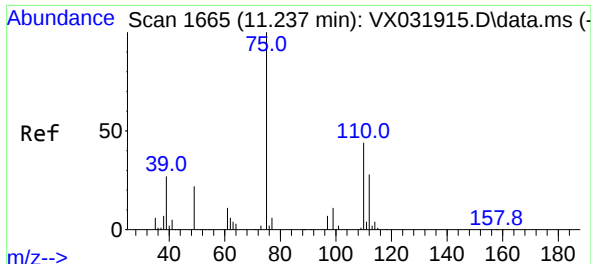
Tgt Ion:117 Resp: 92430
Ion Ratio Lower Upper
117 100
82 50.8 46.8 70.2
119 32.5 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031966.D
Acq: 07 Oct 2022 16:45

Tgt Ion:152 Resp: 56144
Ion Ratio Lower Upper
152 100
115 60.8 43.4 130.1
150 159.0 0.0 346.8

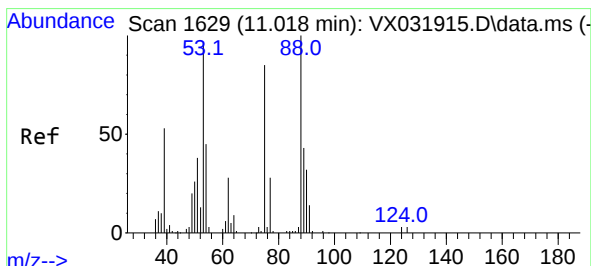
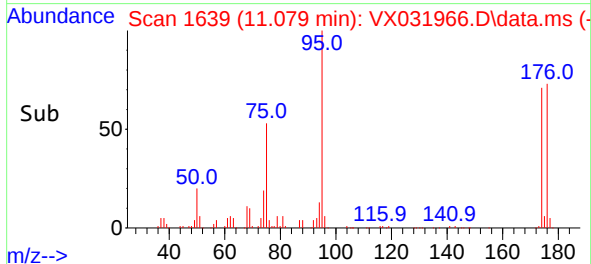
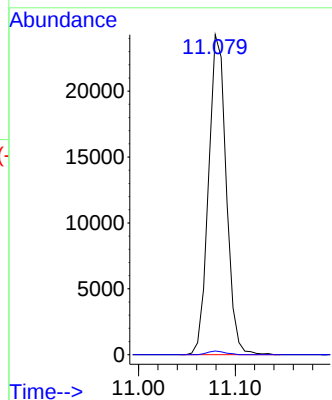
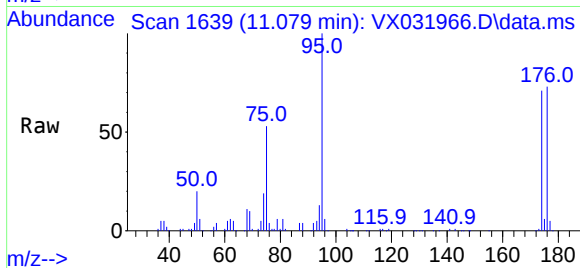




#76
1,2,3-Trichloropropane
Concen: 26.869 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031966.D
Acq: 07 Oct 2022 16:45

Instrument :
MSVOA_X
ClientSampleId :
MW-138DL

Tgt Ion: 75 Resp: 30917
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.085 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031966.D
Acq: 07 Oct 2022 16:45

Tgt Ion: 75 Resp: 30917
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

