

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120722\
 Data File : VX033291.D
 Acq On : 07 Dec 2022 19:09
 Operator : JC/MD
 Sample : N5875-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-40

Quant Time: Dec 08 01:43:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

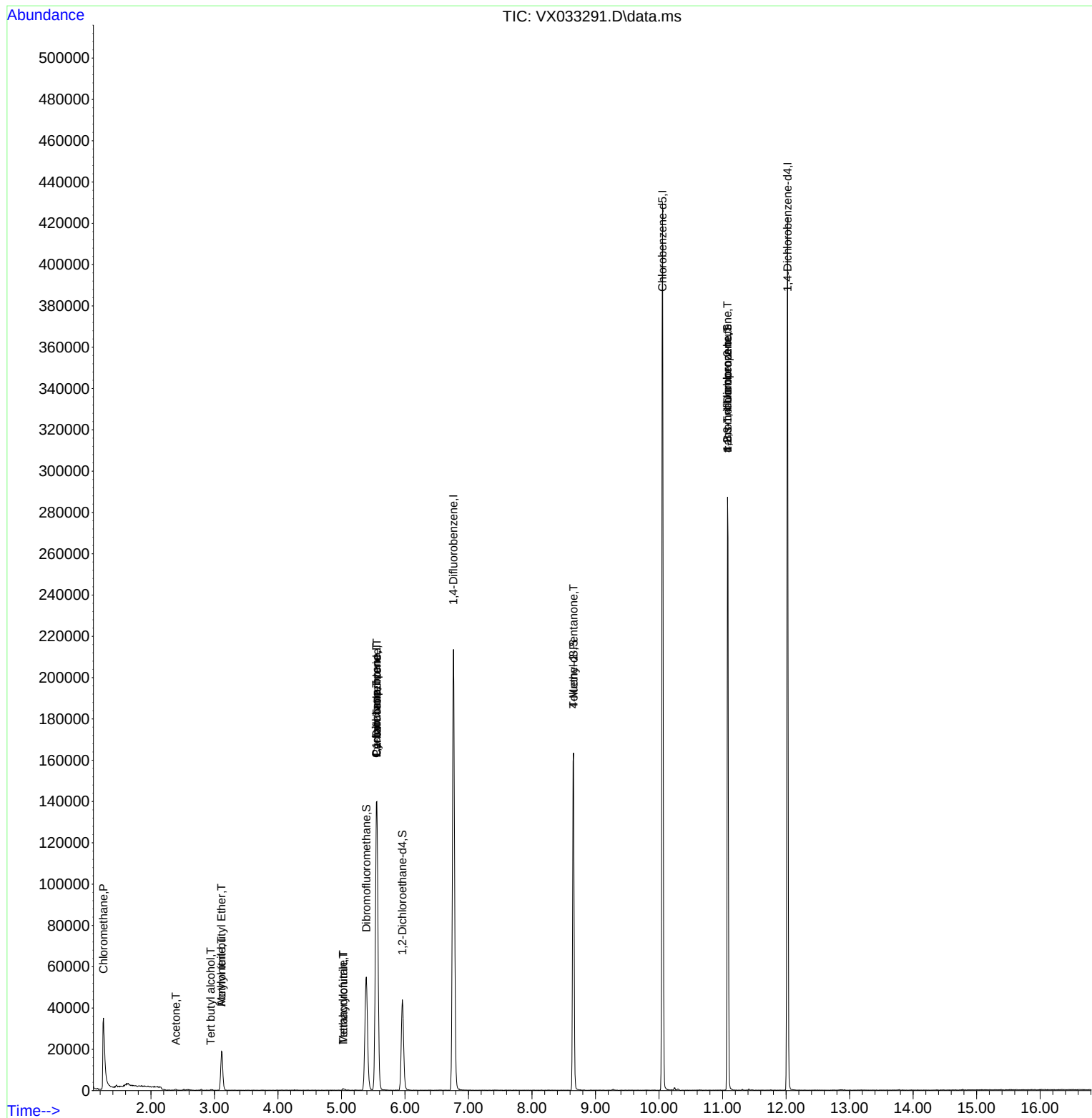
Internal Standards						
1) Pentafluorobenzene	5.556	168	134611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	219007	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	43847	50.774	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.540%	
35) Dibromofluoromethane	5.391	113	47926	48.653	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.300%	
50) Toluene-d8	8.653	98	99540	48.305	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.600%	
62) 4-Bromofluorobenzene	11.079	95	73847	46.868	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.740%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.252	50	1206	1.109	ug/l #	43
11) Tert butyl alcohol	2.940	59	137	0.519	ug/l #	72
15) Acrylonitrile	3.111	53	294	0.450	ug/l #	34
16) Acetone	2.392	43	593	0.928	ug/l #	81
19) Methyl tert-butyl Ether	3.111	73	20444	4.836	ug/l	100
29) Tetrahydrofuran	5.025	42	558	0.939	ug/l #	77
31) Cyclohexane	5.550	56	2776	1.353	ug/l #	13
36) 1,1-Dichloropropene	5.550	75	10416	5.424	ug/l #	49
38) Carbon Tetrachloride	5.556	117	13823	6.424	ug/l #	16
41) Methacrylonitrile	5.025	41	301	0.301	ug/l #	42
51) 4-Methyl-2-Pentanone	8.653	43	393	0.213	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	39704	22.315	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	39704	69.414	ug/l #	6

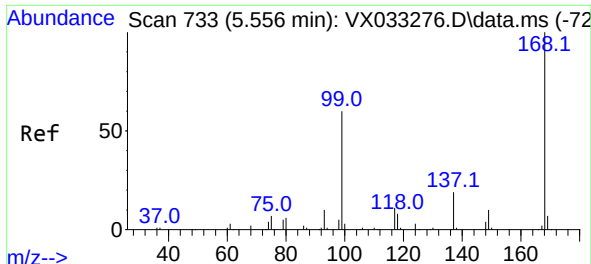
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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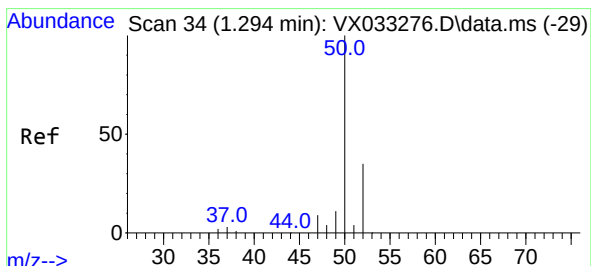
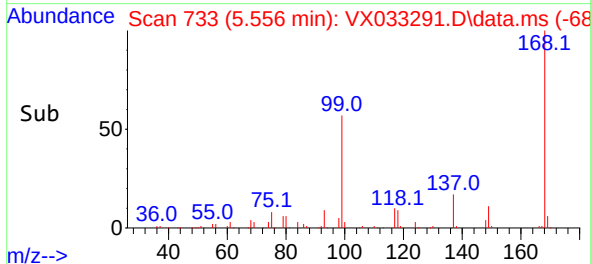
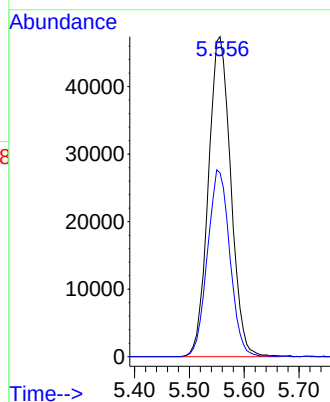
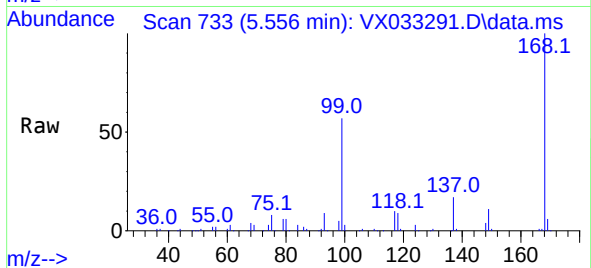




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033291.D
Acq: 07 Dec 2022 19:09

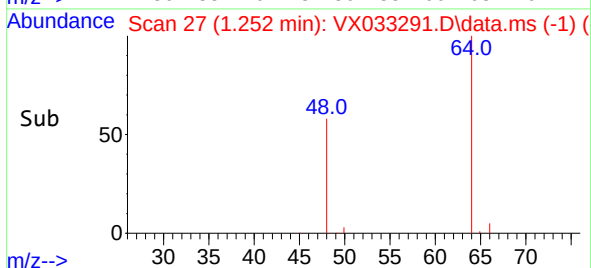
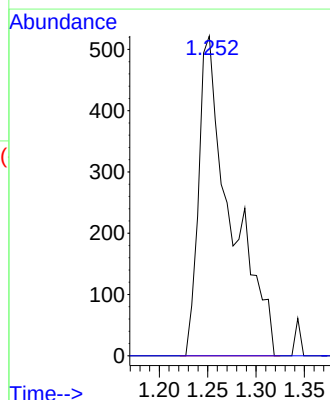
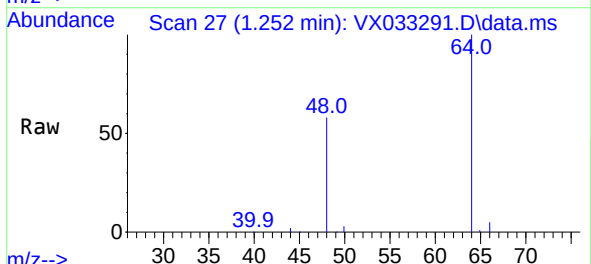
Instrument :
MSVOA_X
ClientSampleId :
MW-40

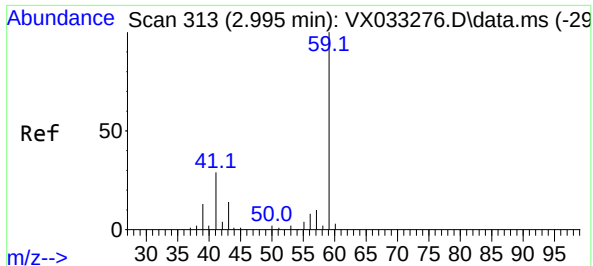
Tgt Ion:168 Resp: 134611
Ion Ratio Lower Upper
168 100
99 57.5 46.1 69.1



#3
Chloromethane
Concen: 1.109 ug/l
RT: 1.252 min Scan# 27
Delta R.T. -0.042 min
Lab File: VX033291.D
Acq: 07 Dec 2022 19:09

Tgt Ion: 50 Resp: 1206
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 0.519 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.055 min

Lab File: VX033291.D

Acq: 07 Dec 2022 19:09

Instrument :

MSVOA_X

ClientSampleId :

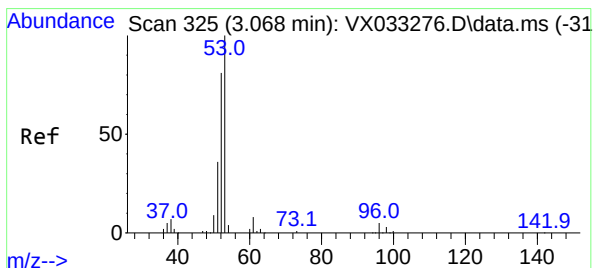
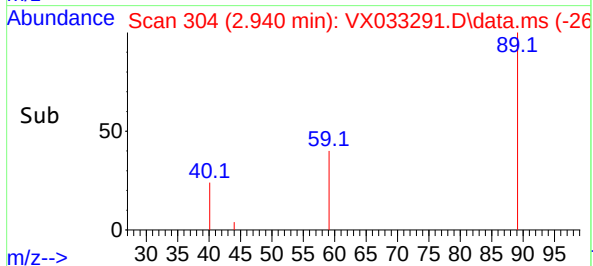
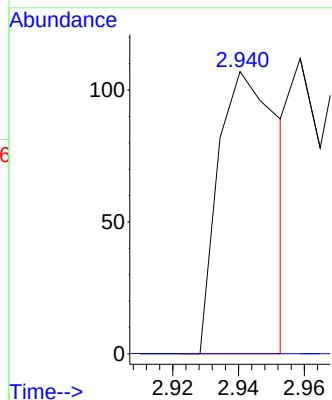
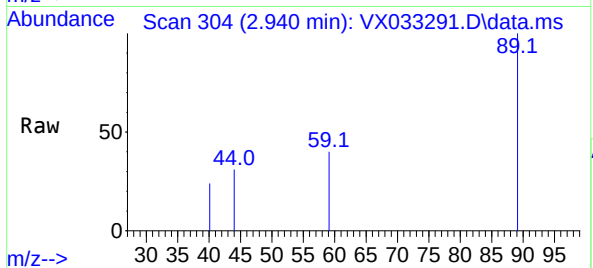
MW-40

Tgt Ion: 59 Resp: 137

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#15

Acrylonitrile

Concen: 0.450 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.043 min

Lab File: VX033291.D

Acq: 07 Dec 2022 19:09

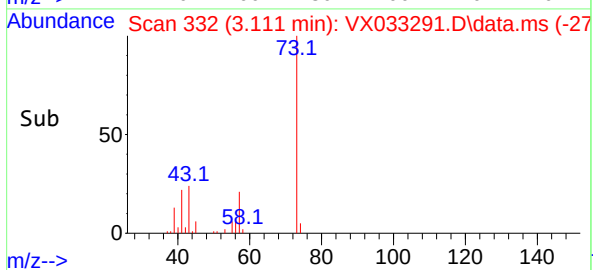
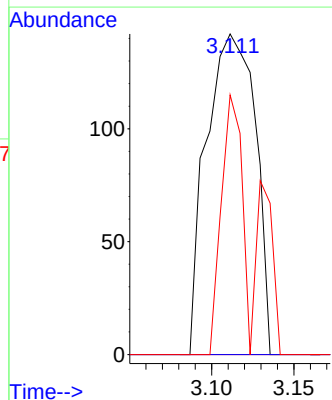
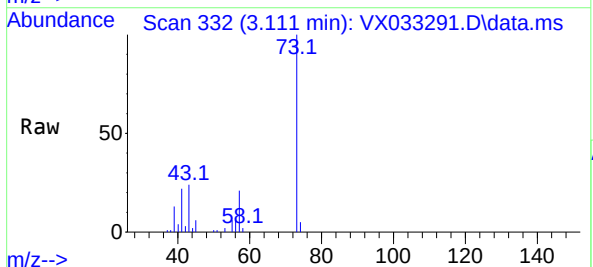
Tgt Ion: 53 Resp: 294

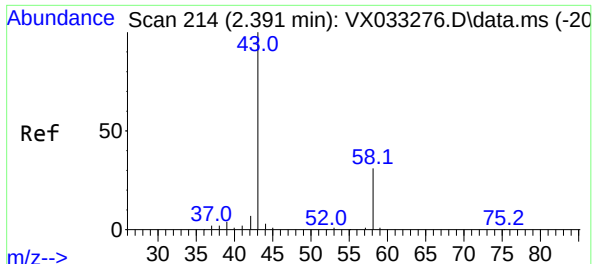
Ion Ratio Lower Upper

53 100

52 0.0 67.4 101.0#

51 34.0 30.3 45.5

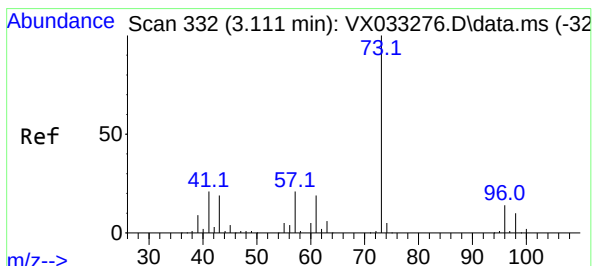
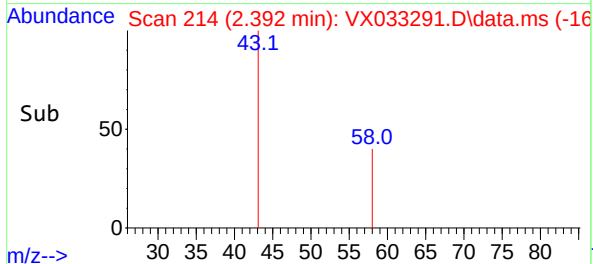
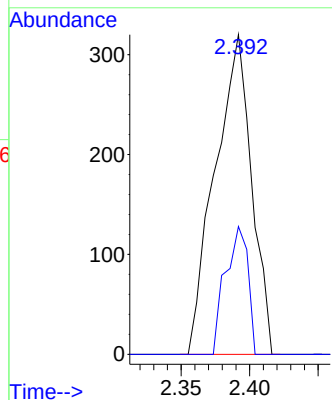
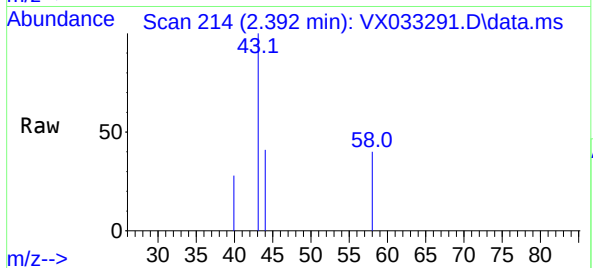




#16
Acetone
Concen: 0.928 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX033291.D
Acq: 07 Dec 2022 19:09

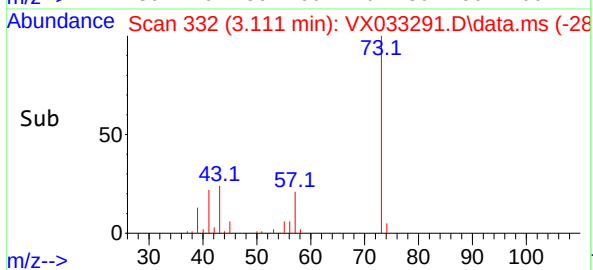
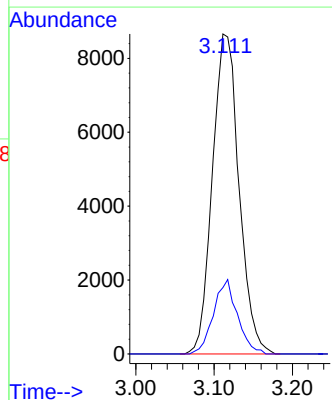
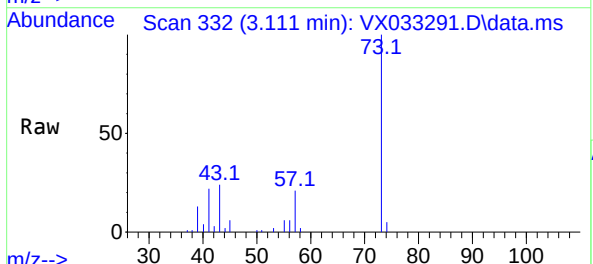
Instrument :
MSVOA_X
ClientSampleId :
MW-40

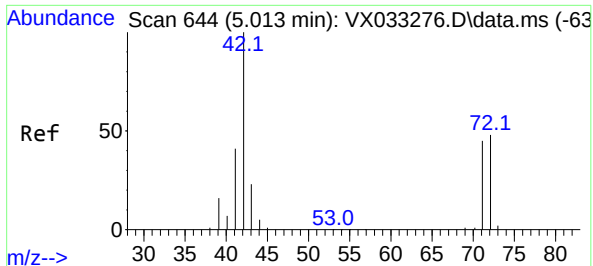
Tgt Ion: 43 Resp: 593
Ion Ratio Lower Upper
43 100
58 40.0 23.8 35.8#



#19
Methyl tert-butyl Ether
Concen: 4.836 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX033291.D
Acq: 07 Dec 2022 19:09

Tgt Ion: 73 Resp: 20444
Ion Ratio Lower Upper
73 100
57 20.7 16.6 25.0





#29

Tetrahydrofuran

Concen: 0.939 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.013 min

Lab File: VX033291.D

Acq: 07 Dec 2022 19:09

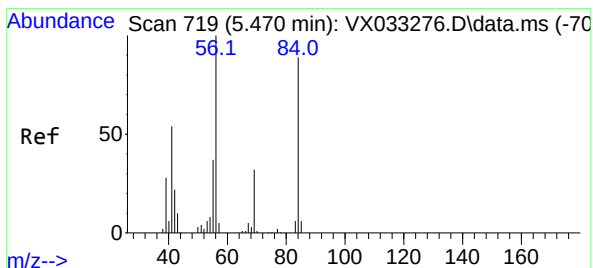
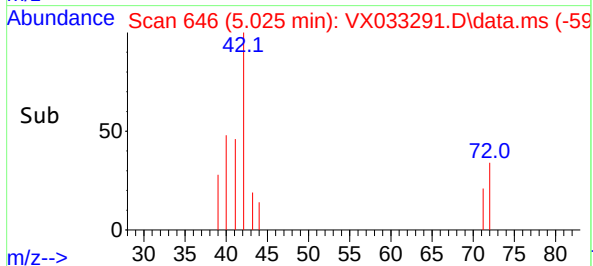
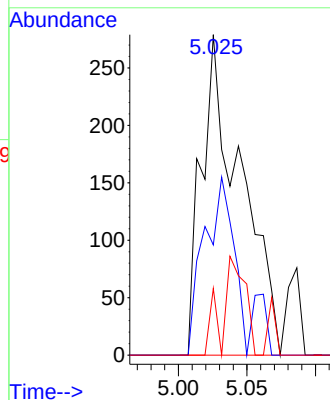
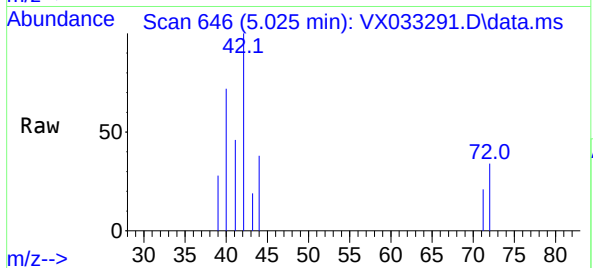
Instrument :

MSVOA_X

ClientSampleId :

MW-40

Tgt Ion:	42	Resp:	558
Ion	Ratio	Lower	Upper
42	100		
72	41.6	37.6	56.4
71	18.1	34.7	52.1#



#31

Cyclohexane

Concen: 1.353 ug/l

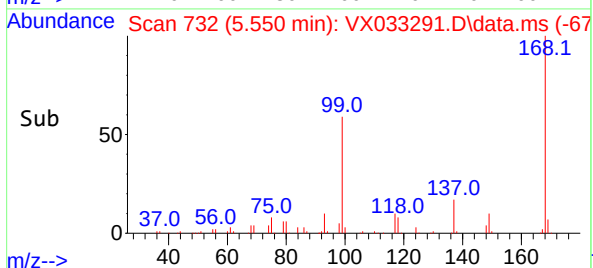
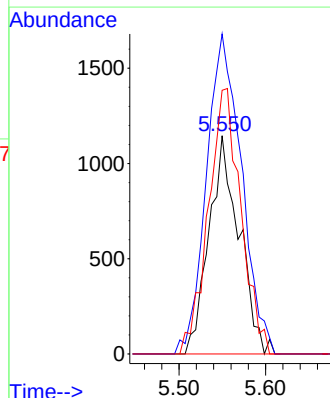
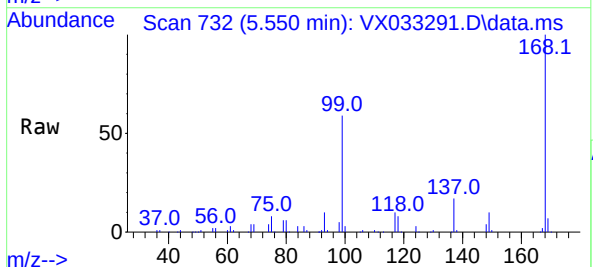
RT: 5.550 min Scan# 732

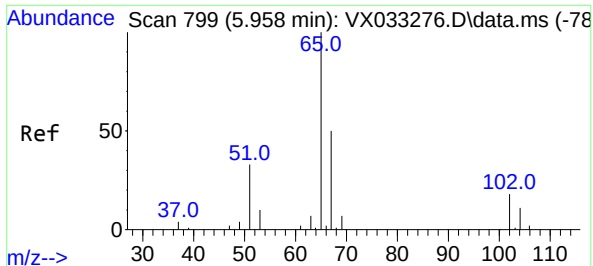
Delta R.T. 0.080 min

Lab File: VX033291.D

Acq: 07 Dec 2022 19:09

Tgt Ion:	56	Resp:	2776
Ion	Ratio	Lower	Upper
56	100		
69	146.6	24.1	36.1#
84	120.8	66.9	100.3#

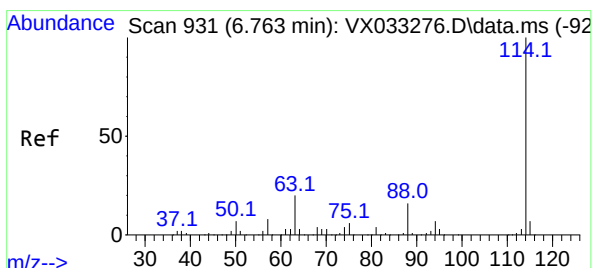
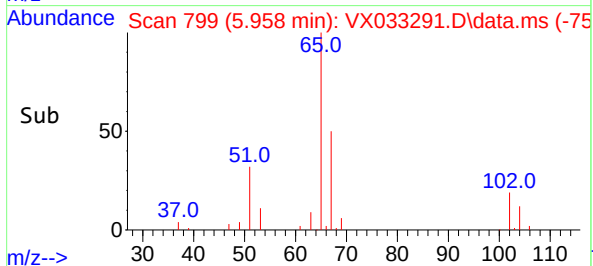
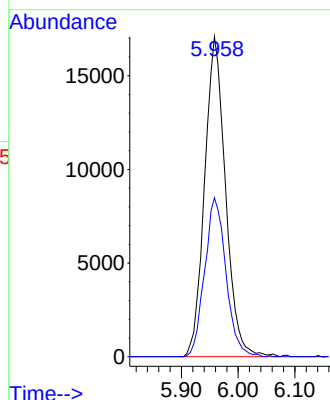
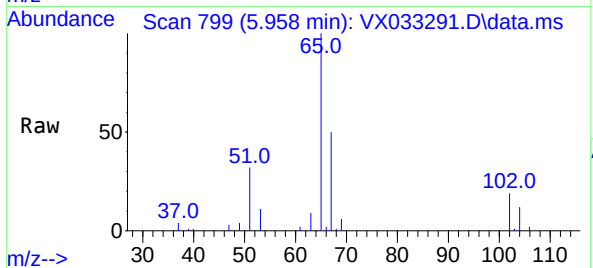




#33
1,2-Dichloroethane-d4
Concen: 50.774 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033291.D
Acq: 07 Dec 2022 19:09

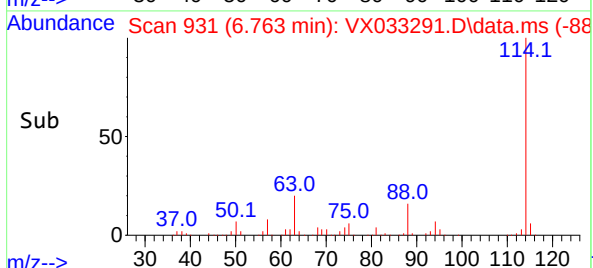
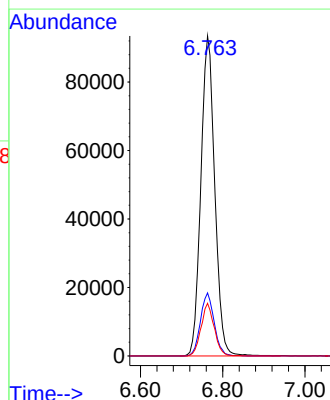
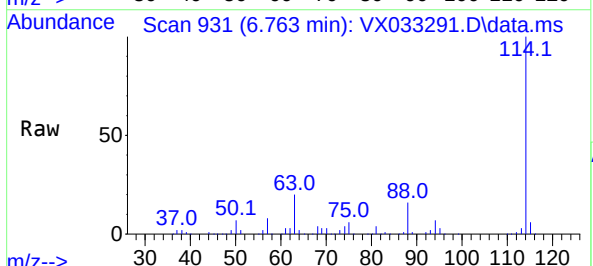
Instrument :
MSVOA_X
ClientSampleId :
MW-40

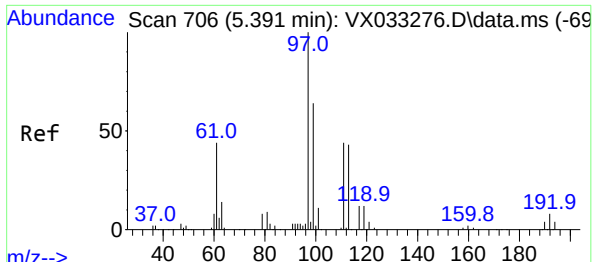
Tgt Ion: 65 Resp: 43847
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX033291.D
Acq: 07 Dec 2022 19:09

Tgt Ion: 114 Resp: 219007
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.6
88 16.5 0.0 33.4

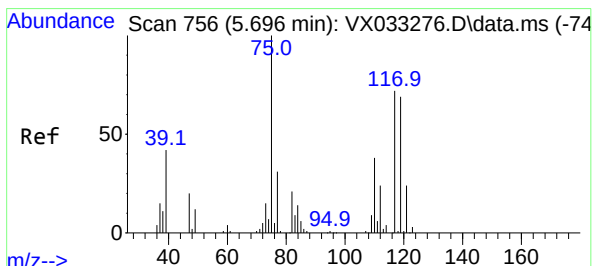
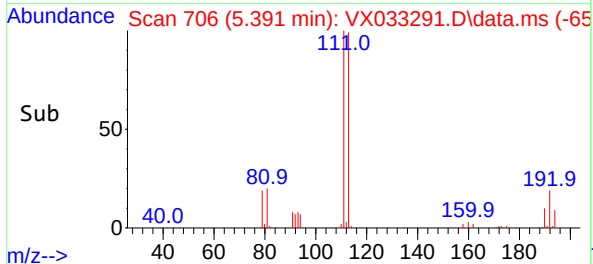
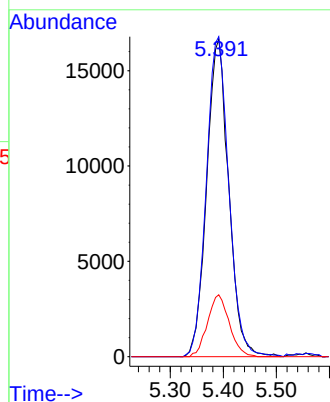
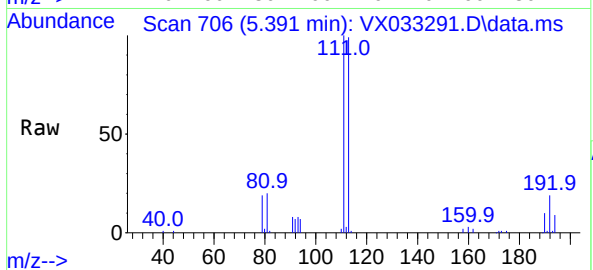




#35
Dibromofluoromethane
Concen: 48.653 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX033291.D
Acq: 07 Dec 2022 19:09

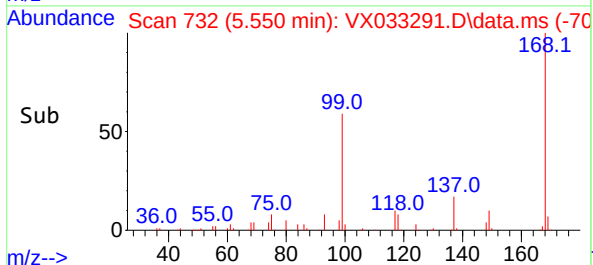
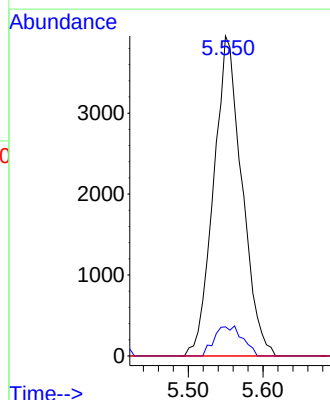
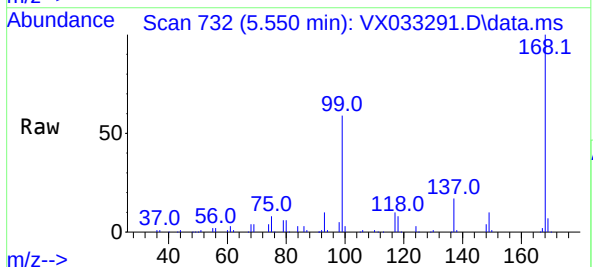
Instrument :
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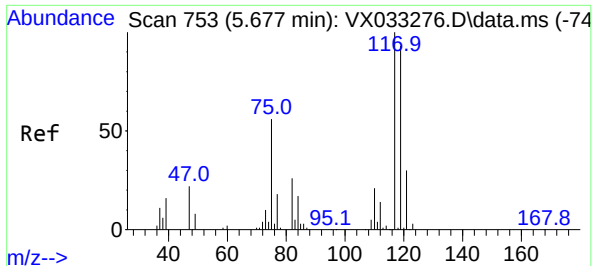
Tgt Ion:113 Resp: 47926
Ion Ratio Lower Upper
113 100
111 102.9 82.4 123.6
192 19.3 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.424 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX033291.D
Acq: 07 Dec 2022 19:09

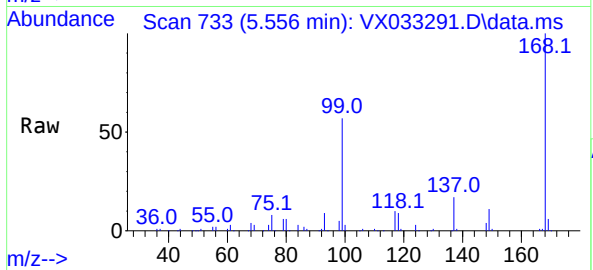
Tgt Ion: 75 Resp: 10416
Ion Ratio Lower Upper
75 100
110 9.2 18.4 55.2#
77 0.0 24.5 36.7#



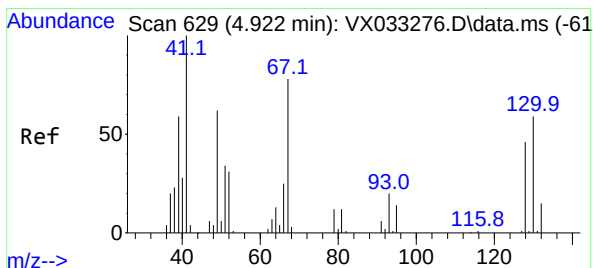
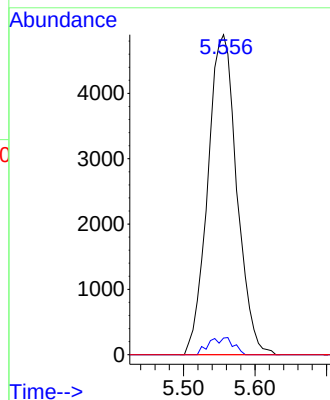
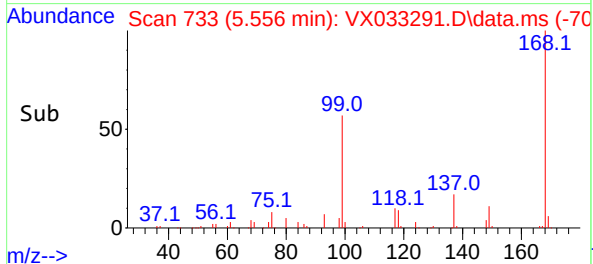


#38
Carbon Tetrachloride
Concen: 6.424 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX033291.D
Acq: 07 Dec 2022 19:09

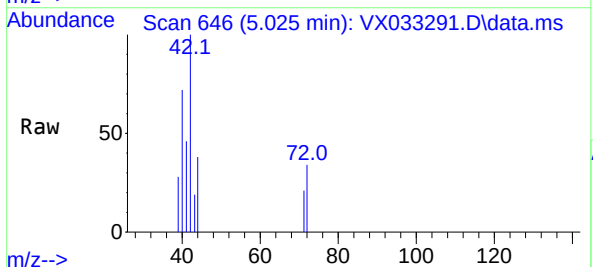
Instrument :
MSVOA_X
ClientSampleId :
MW-40



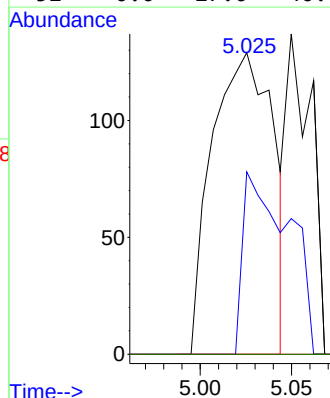
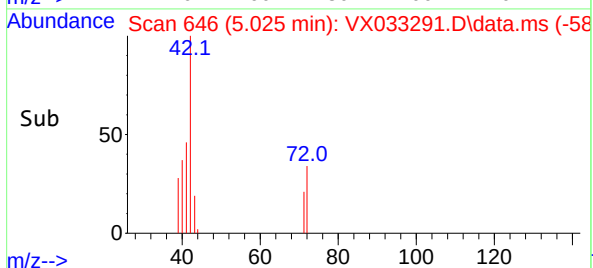
Tgt Ion:117 Resp: 13823
Ion Ratio Lower Upper
117 100
119 5.2 77.2 115.8#
121 0.0 25.8 38.6#

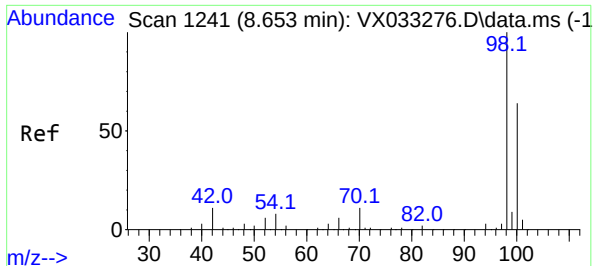


#41
Methacrylonitrile
Concen: 0.301 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.104 min
Lab File: VX033291.D
Acq: 07 Dec 2022 19:09



Tgt Ion: 41 Resp: 301
Ion Ratio Lower Upper
41 100
39 45.2 47.5 71.3#
67 0.0 60.5 90.7#
52 0.0 27.0 40.6#

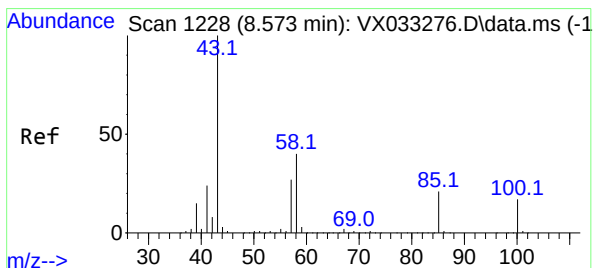
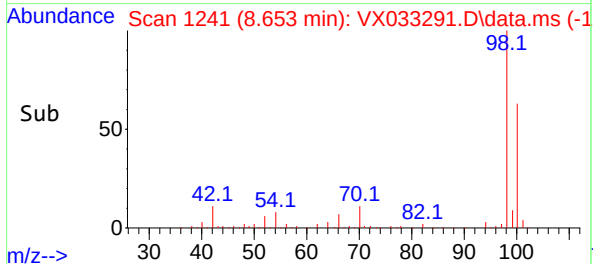
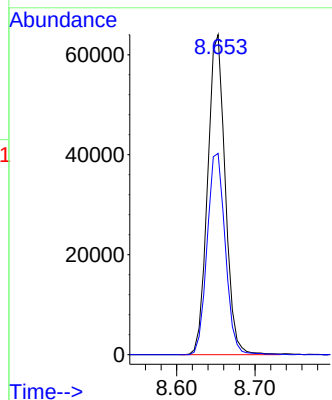
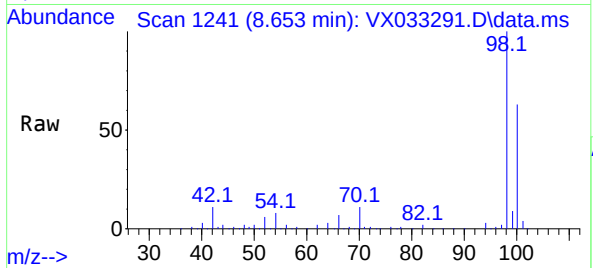




#50
Toluene-d8
Concen: 48.305 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX033291.D
Acq: 07 Dec 2022 19:09

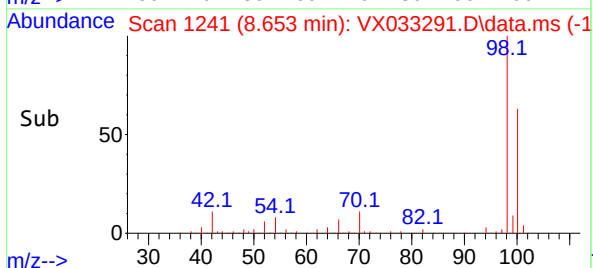
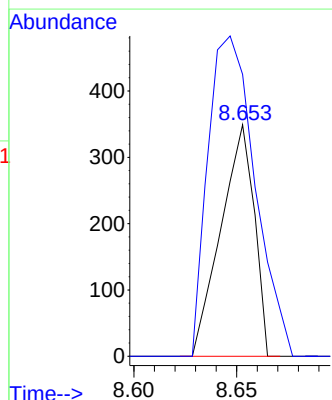
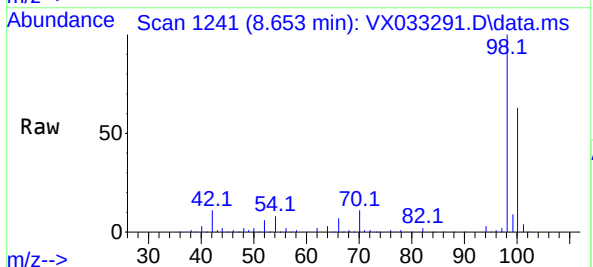
Instrument :
MSVOA_X
ClientSampleId :
MW-40

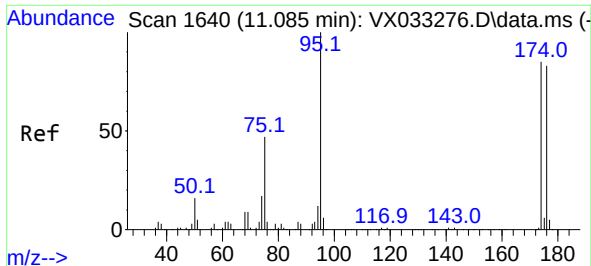
Tgt Ion: 98 Resp: 99540
Ion Ratio Lower Upper
98 100
100 64.9 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.213 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.080 min
Lab File: VX033291.D
Acq: 07 Dec 2022 19:09

Tgt Ion: 43 Resp: 393
Ion Ratio Lower Upper
43 100
58 194.9 30.9 46.3#

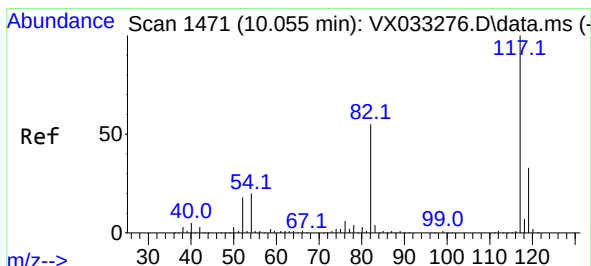
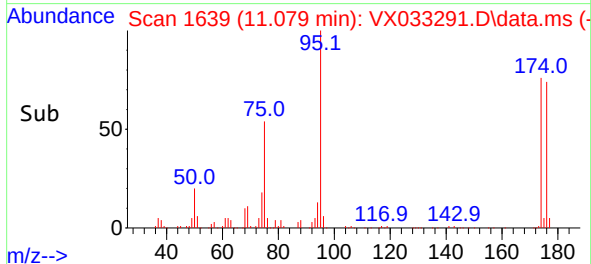
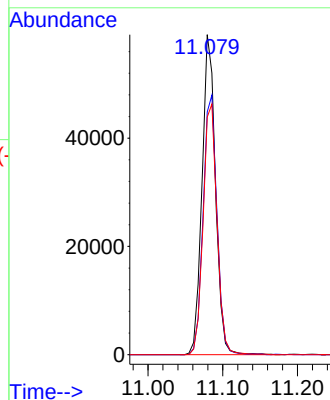
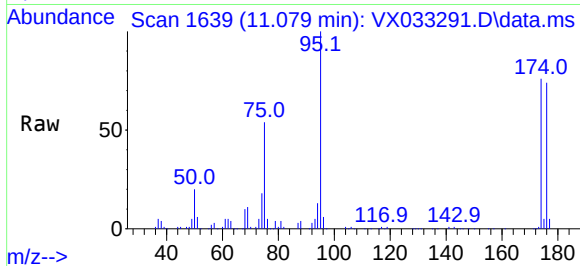




#62
4-Bromofluorobenzene
Concen: 46.868 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033291.D
Acq: 07 Dec 2022 19:09

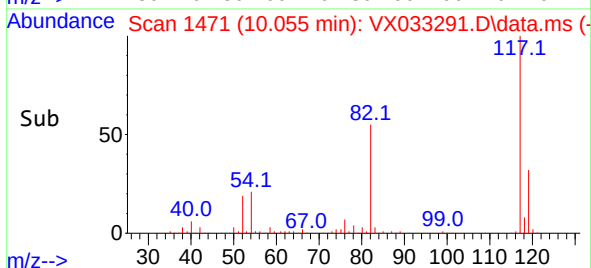
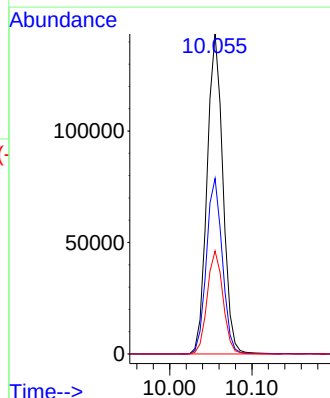
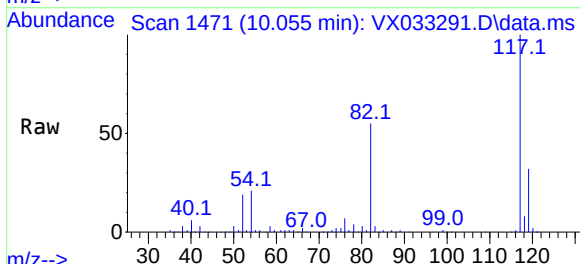
Instrument :
MSVOA_X
ClientSampleId :
MW-40

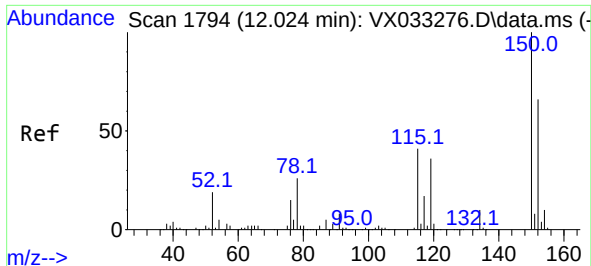
Tgt Ion: 95 Resp: 73847
Ion Ratio Lower Upper
95 100
174 83.4 0.0 164.0
176 81.0 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033291.D
Acq: 07 Dec 2022 19:09

Tgt Ion: 117 Resp: 192034
Ion Ratio Lower Upper
117 100
82 54.9 44.3 66.5
119 32.2 25.7 38.5

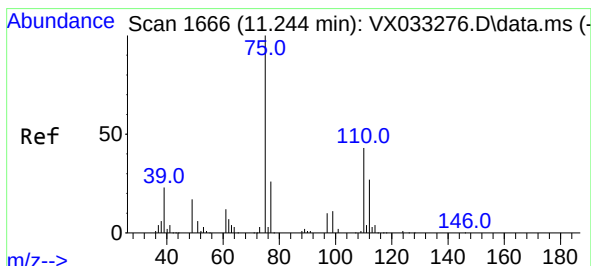
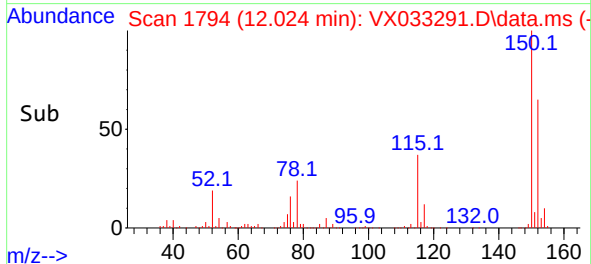
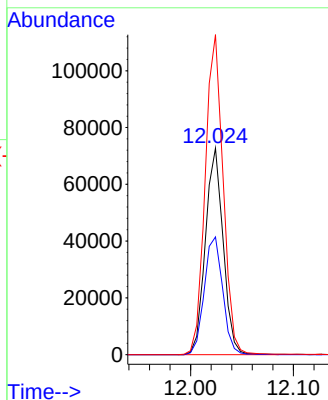
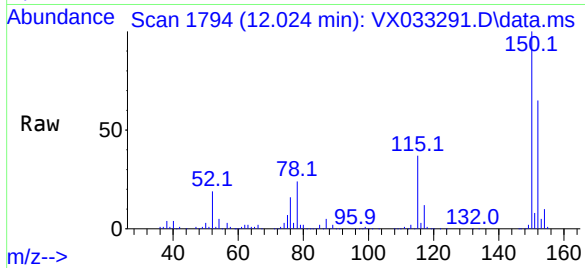




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033291.D
Acq: 07 Dec 2022 19:09

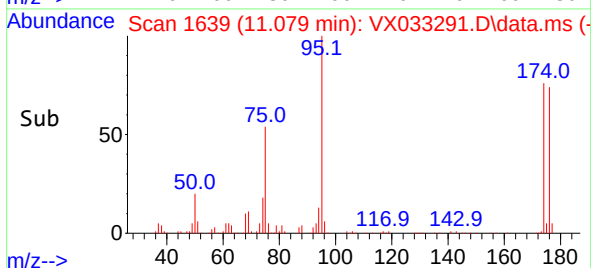
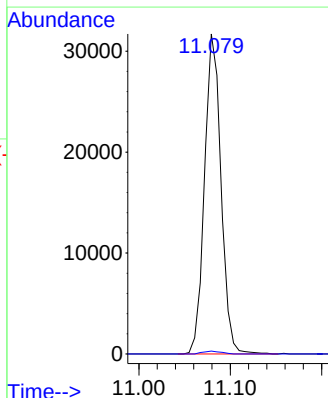
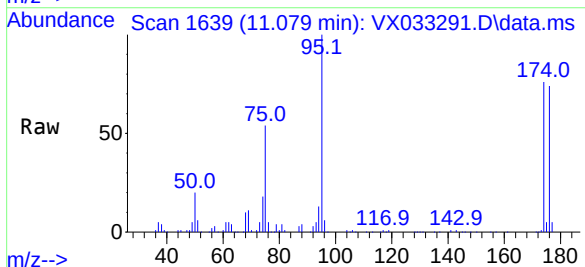
Instrument :
MSVOA_X
ClientSampleId :
MW-40

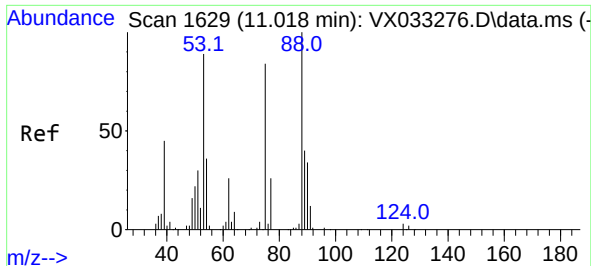
Tgt Ion:152 Resp: 87454
Ion Ratio Lower Upper
152 100
115 59.3 44.0 132.0
150 157.1 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 22.315 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX033291.D
Acq: 07 Dec 2022 19:09

Tgt Ion: 75 Resp: 39704
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 69.414 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX033291.D
Acq: 07 Dec 2022 19:09

Instrument :
MSVOA_X
ClientSampleId :
MW-40

Tgt Ion: 75 Resp: 39704
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

