

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112522\
 Data File : VX033070.D
 Acq On : 25 Nov 2022 16:04
 Operator : JC/MD
 Sample : N5741-08RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-26

Quant Time: Nov 28 00:48:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

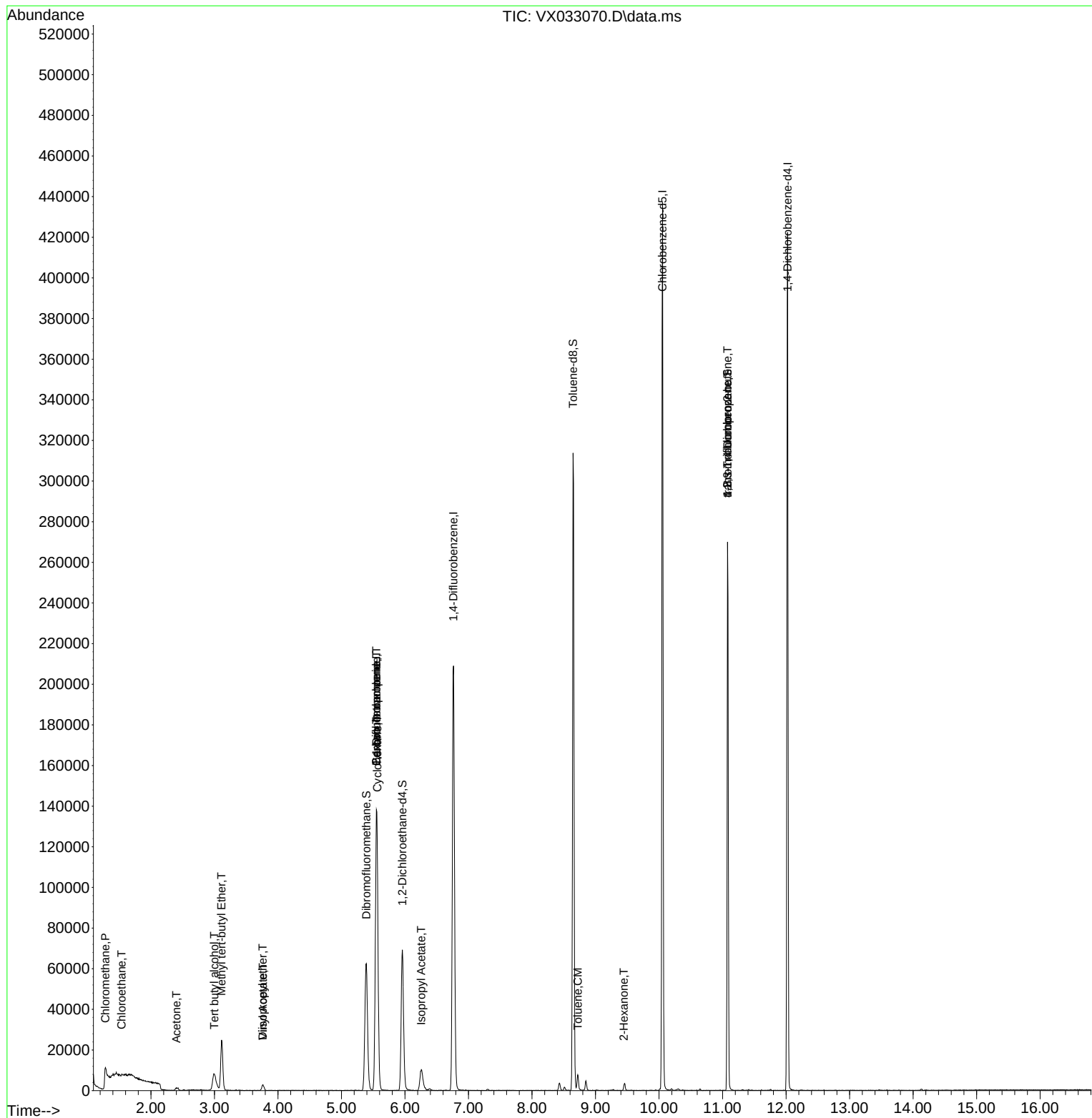
Internal Standards						
1) Pentafluorobenzene	5.550	168	130321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	215900	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87609	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69866	55.189	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.380%			
35) Dibromofluoromethane	5.391	113	54814	45.034	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 90.060%			
50) Toluene-d8	8.647	98	188219	51.458	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.920%			
62) 4-Bromofluorobenzene	11.079	95	67560	42.255	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 84.500%			
Target Compounds						Qvalue
3) Chloromethane	1.282	50	503	0.468	ug/l #	43
6) Chloroethane	1.538	64	968	0.994	ug/l #	42
11) Tert butyl alcohol	2.995	59	16514	82.085	ug/l	100
16) Acetone	2.398	43	1495	2.522	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	26877	6.814	ug/l	100
20) Methylene Chloride	2.788	84	55	Below Cal	#	44
22) Diisopropyl ether	3.757	45	2819	0.705	ug/l #	84
23) Vinyl Acetate	3.764	43	1601	0.512	ug/l #	72
31) Cyclohexane	5.562	56	2848	1.385	ug/l #	42
36) 1,1-Dichloropropene	5.550	75	10254	5.269	ug/l #	50
38) Carbon Tetrachloride	5.550	117	14083	6.523	ug/l #	16
43) Isopropyl Acetate	6.257	43	3353	1.194	ug/l #	61
52) Toluene	8.720	92	3100	0.864	ug/l	95
59) 2-Hexanone	9.445	43	451	0.352	ug/l #	49
76) 1,2,3-Trichloropropane	11.079	75	36688	22.112	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	36688	71.875	ug/l #	6

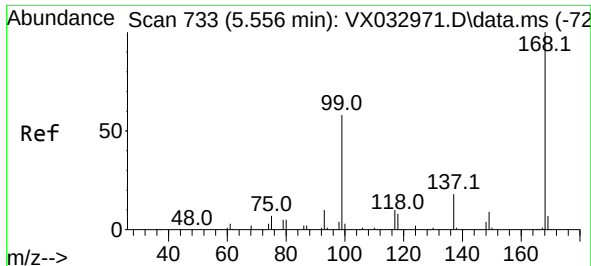
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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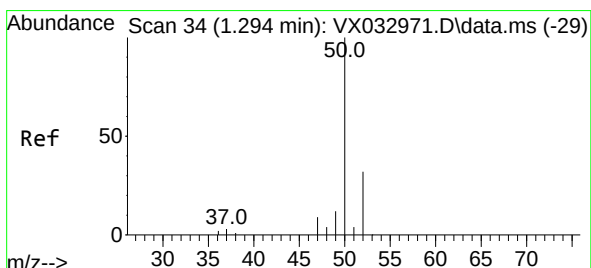
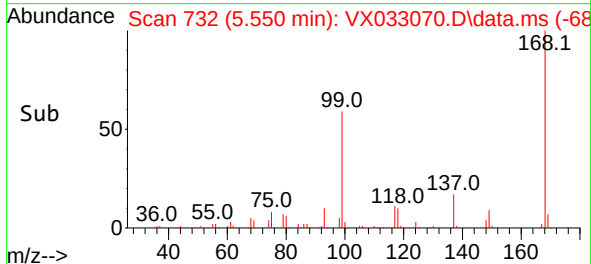
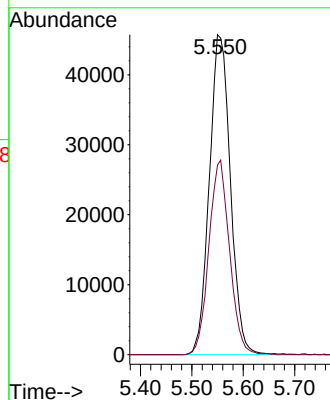
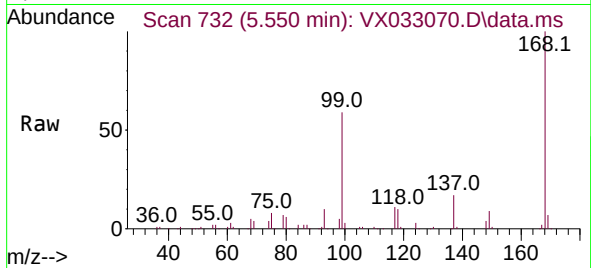




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033070.D
Acq: 25 Nov 2022 16:04

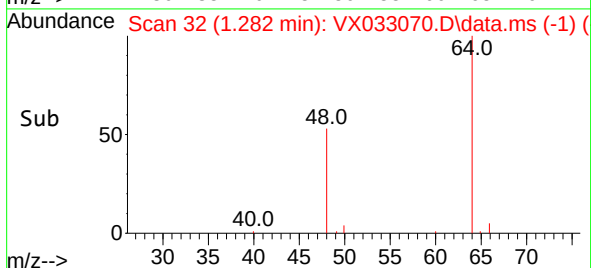
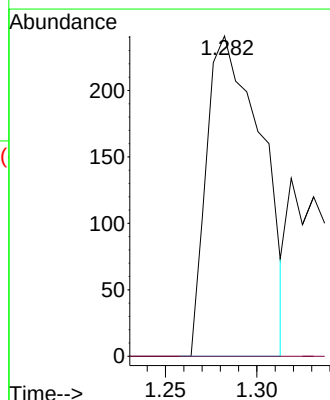
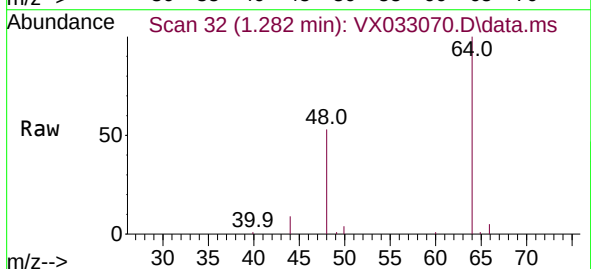
Instrument :
MSVOA_X
ClientSampleId :
MW-26

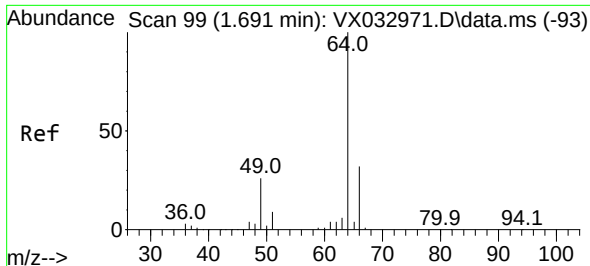
Tgt Ion:168 Resp: 130321
Ion Ratio Lower Upper
168 100
99 59.2 46.1 69.1



#3
Chloromethane
Concen: 0.468 ug/l
RT: 1.282 min Scan# 32
Delta R.T. -0.012 min
Lab File: VX033070.D
Acq: 25 Nov 2022 16:04

Tgt Ion: 50 Resp: 503
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

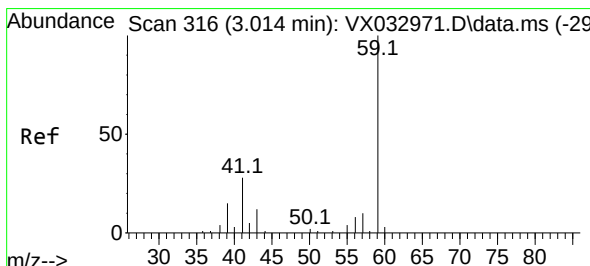
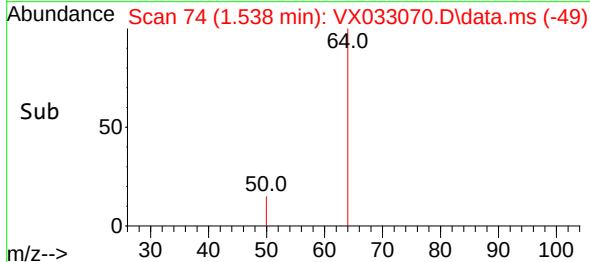
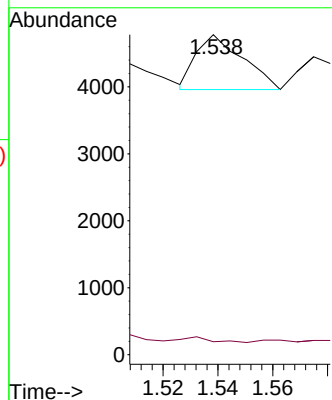
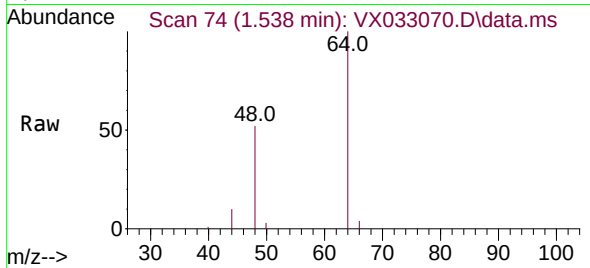




#6
Chloroethane
Concen: 0.994 ug/l
RT: 1.538 min Scan# 74
Delta R.T. -0.147 min
Lab File: VX033070.D
Acq: 25 Nov 2022 16:04

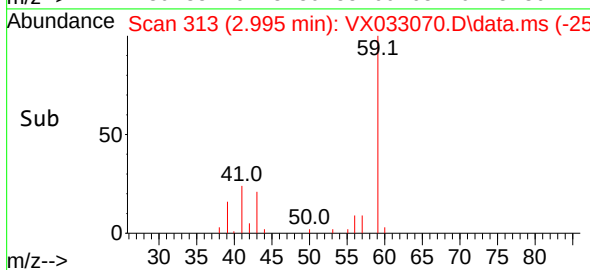
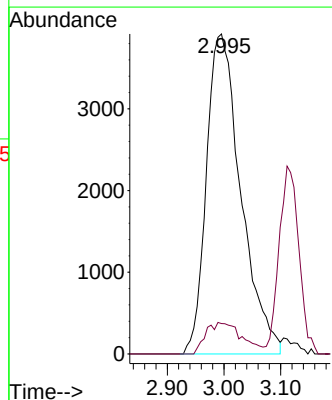
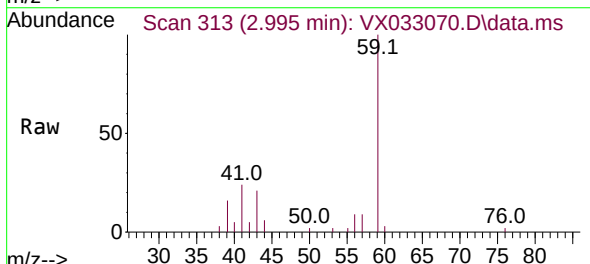
Instrument :
MSVOA_X
ClientSampleId :
MW-26

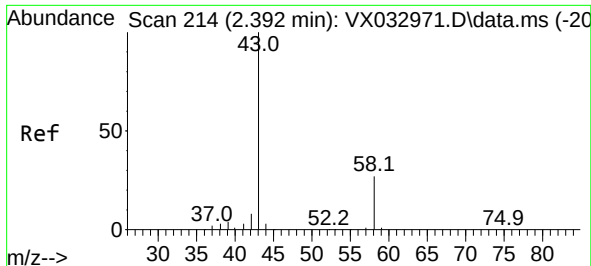
Tgt Ion: 64 Resp: 968
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#



#11
Tert butyl alcohol
Concen: 82.085 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.030 min
Lab File: VX033070.D
Acq: 25 Nov 2022 16:04

Tgt Ion: 59 Resp: 16514
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4





#16

Acetone

Concen: 2.522 ug/l

RT: 2.398 min Scan# 214

Delta R.T. 0.018 min

Lab File: VX033070.D

Acq: 25 Nov 2022 16:04

Instrument :

MSVOA_X

ClientSampleId :

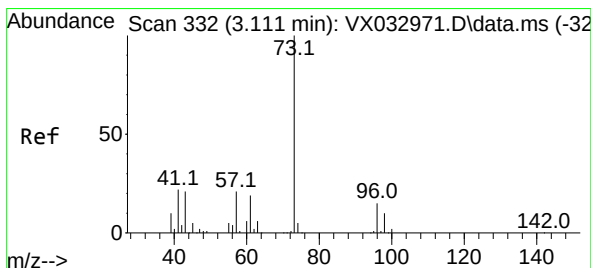
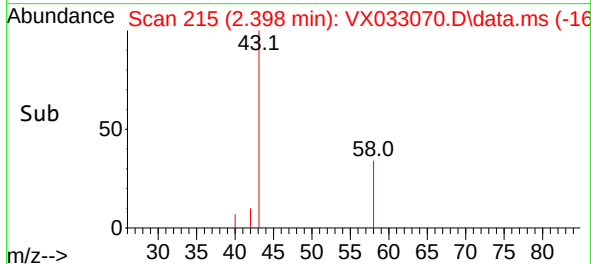
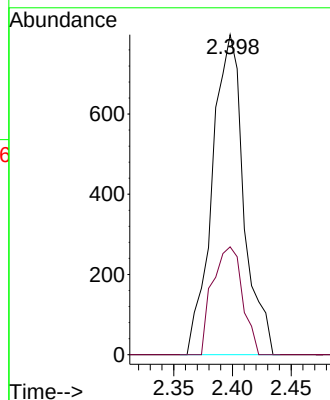
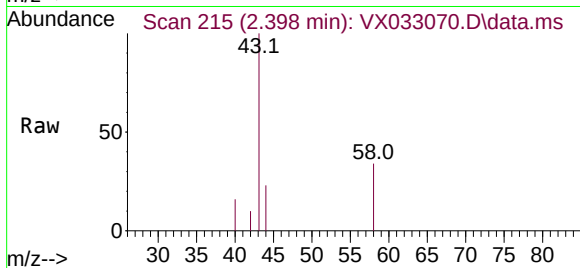
MW-26

Tgt Ion: 43 Resp: 1495

Ion Ratio Lower Upper

43 100

58 33.7 23.8 35.8



#19

Methyl tert-butyl Ether

Concen: 6.814 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX033070.D

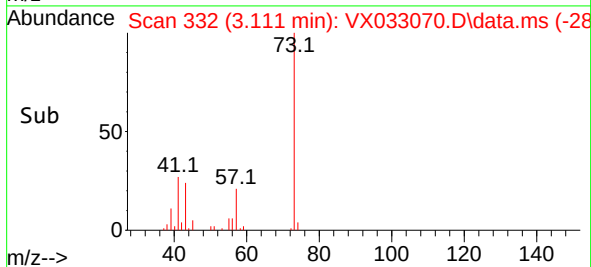
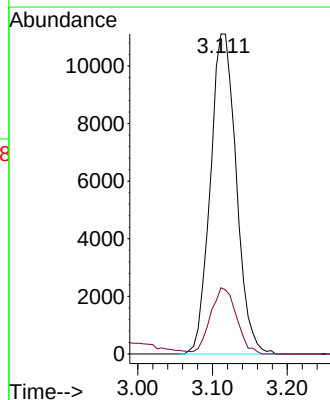
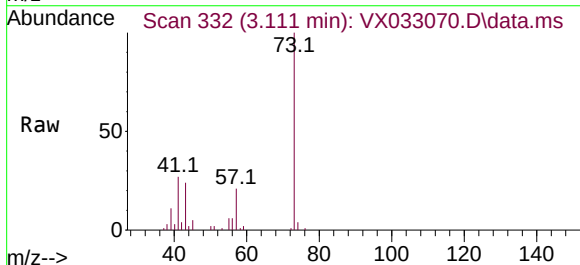
Acq: 25 Nov 2022 16:04

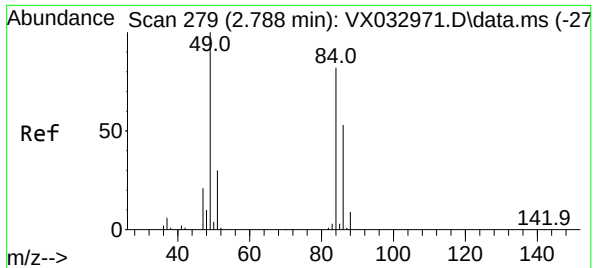
Tgt Ion: 73 Resp: 26877

Ion Ratio Lower Upper

73 100

57 20.7 16.6 25.0

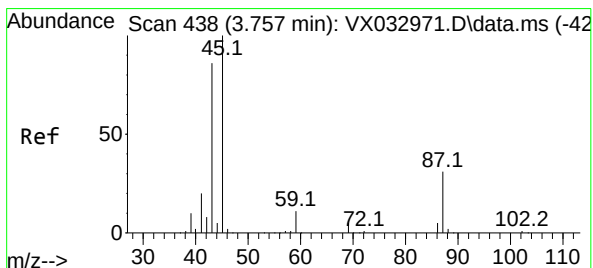
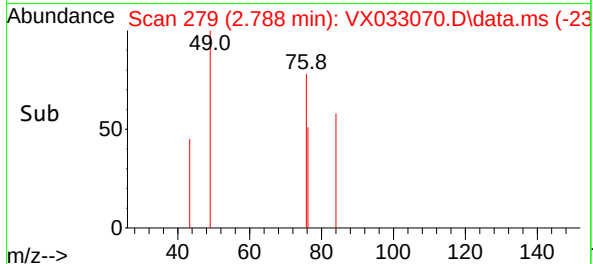
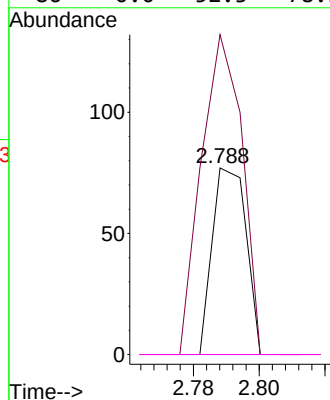
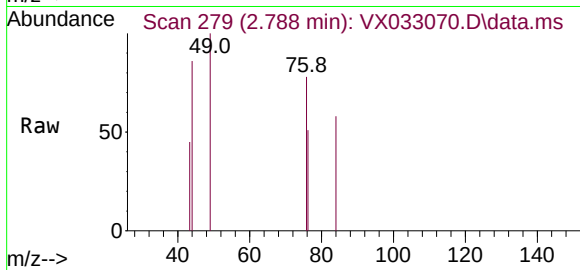




#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033070.D
Acq: 25 Nov 2022 16:04

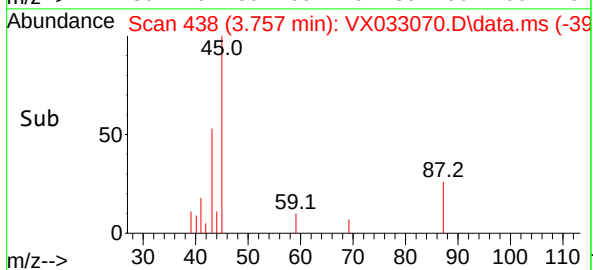
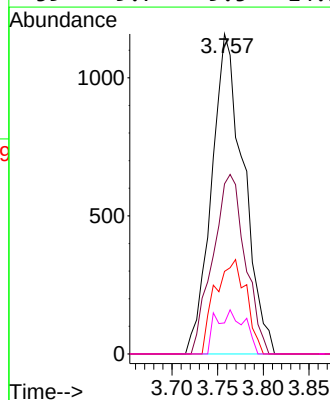
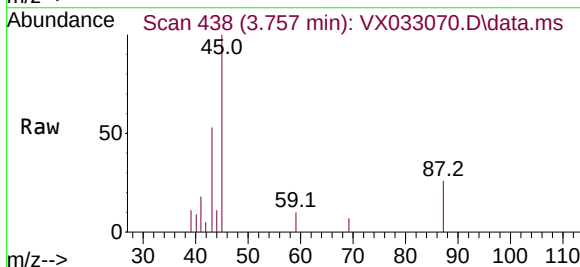
Instrument :
MSVOA_X
ClientSampleId :
MW-26

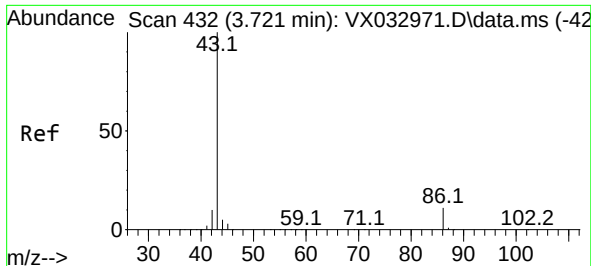
Tgt Ion:	84	Resp:	55
Ion	Ratio	Lower	Upper
84	100		
49	171.4	101.0	151.6#
51	0.0	31.1	46.7#
86	0.0	52.3	78.5#



#22
Diisopropyl ether
Concen: 0.705 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033070.D
Acq: 25 Nov 2022 16:04

Tgt Ion:	45	Resp:	2819
Ion	Ratio	Lower	Upper
45	100		
43	53.1	56.4	84.6#
87	25.8	24.4	36.6
59	9.7	9.5	14.3

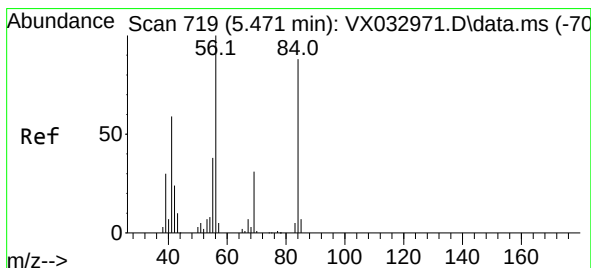
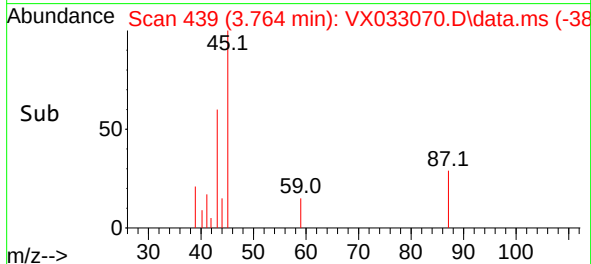
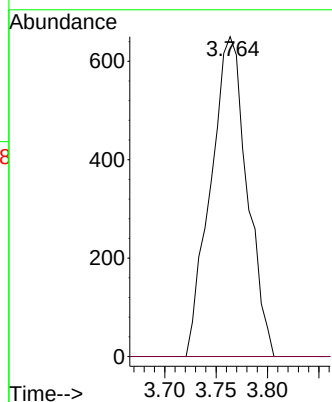
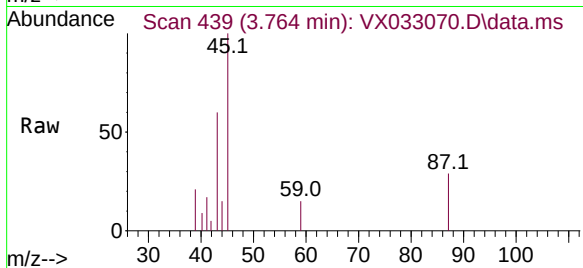




#23
 Vinyl Acetate
 Concen: 0.512 ug/l
 RT: 3.764 min Scan# 41
 Delta R.T. 0.043 min
 Lab File: VX033070.D
 Acq: 25 Nov 2022 16:04

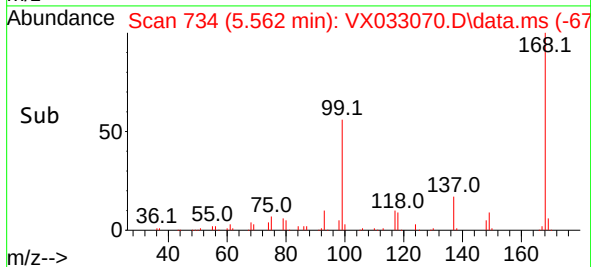
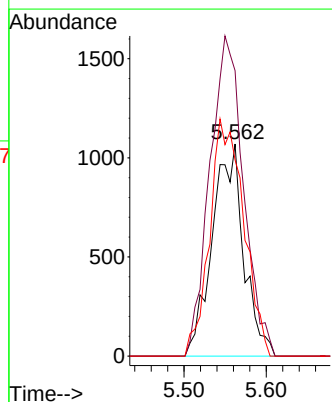
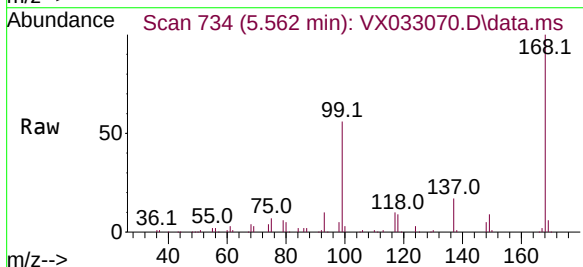
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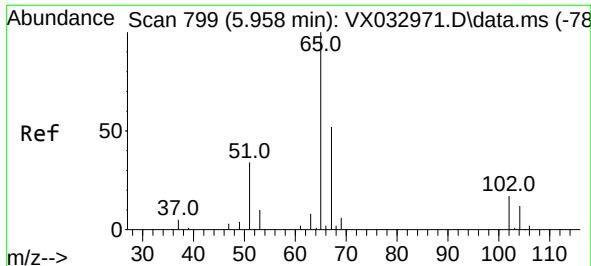
Tgt Ion: 43 Resp: 1601
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.6 12.8#



#31
 Cyclohexane
 Concen: 1.385 ug/l
 RT: 5.562 min Scan# 734
 Delta R.T. 0.092 min
 Lab File: VX033070.D
 Acq: 25 Nov 2022 16:04

Tgt Ion: 56 Resp: 2848
 Ion Ratio Lower Upper
 56 100
 69 134.6 24.1 36.1#
 84 92.4 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 55.189 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033070.D

Acq: 25 Nov 2022 16:04

Instrument :

MSVOA_X

ClientSampleId :

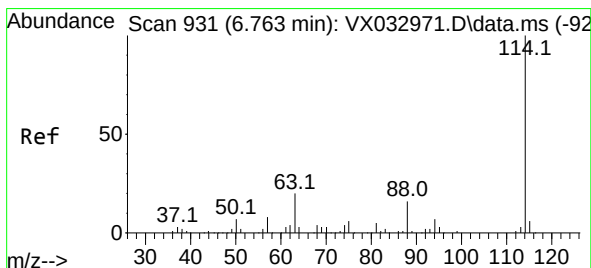
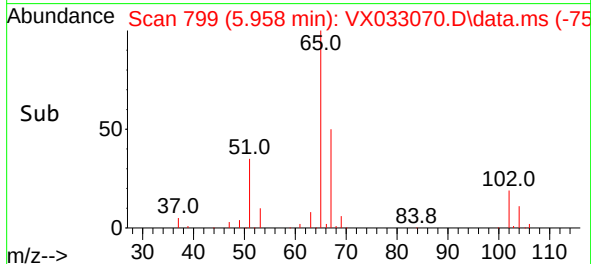
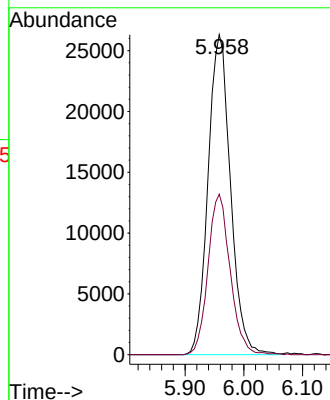
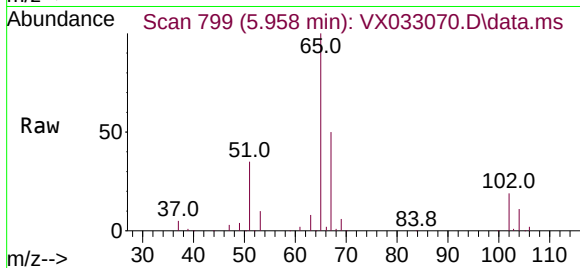
MW-26

Tgt Ion: 65 Resp: 69866

Ion Ratio Lower Upper

65 100

67 49.5 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: VX033070.D

Acq: 25 Nov 2022 16:04

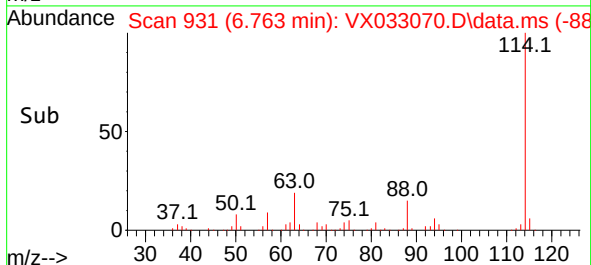
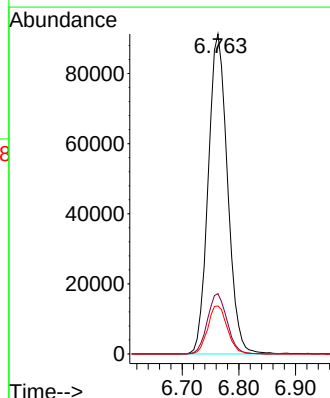
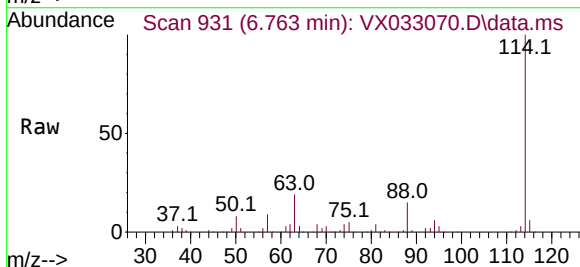
Tgt Ion: 114 Resp: 215900

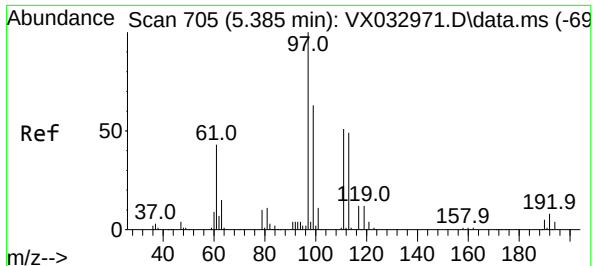
Ion Ratio Lower Upper

114 100

63 18.9 0.0 41.6

88 15.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 45.034 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX033070.D

Acq: 25 Nov 2022 16:04

Instrument :

MSVOA_X

ClientSampleId :

MW-26

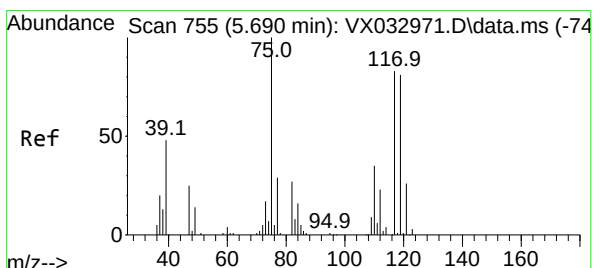
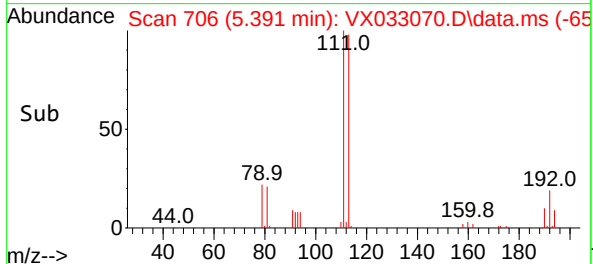
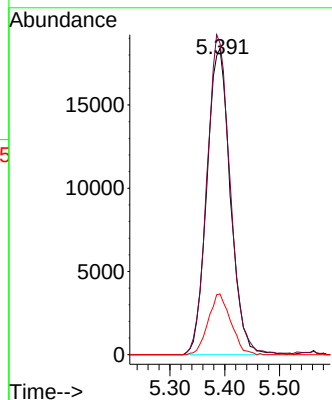
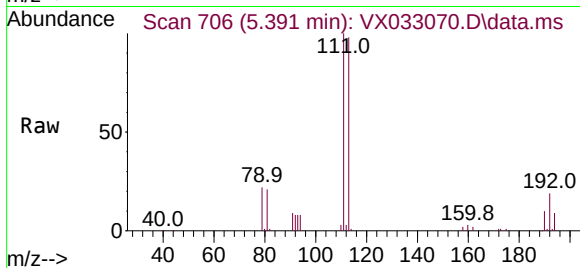
Tgt Ion:113 Resp: 54814

Ion Ratio Lower Upper

113 100

111 102.8 82.4 123.6

192 19.1 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.269 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX033070.D

Acq: 25 Nov 2022 16:04

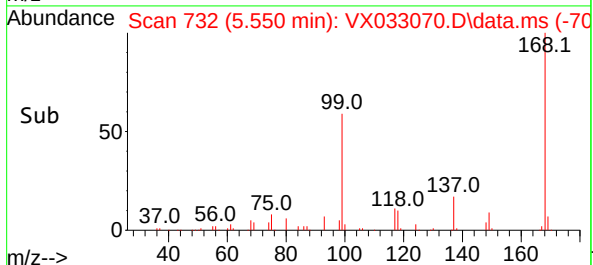
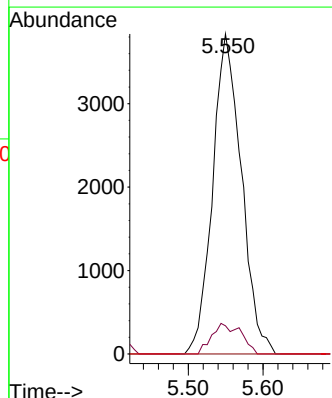
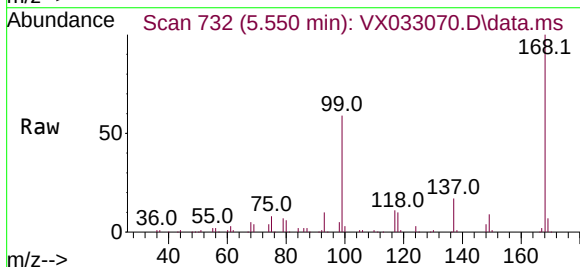
Tgt Ion: 75 Resp: 10254

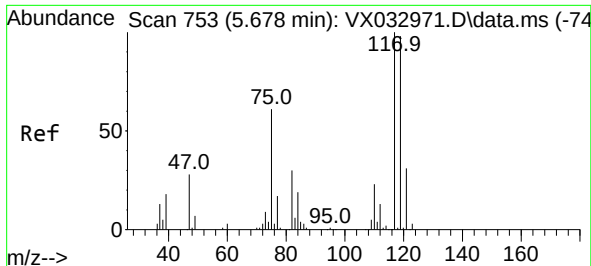
Ion Ratio Lower Upper

75 100

110 9.7 18.4 55.2#

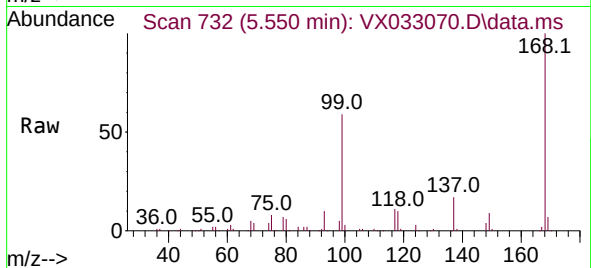
77 0.0 24.5 36.7#



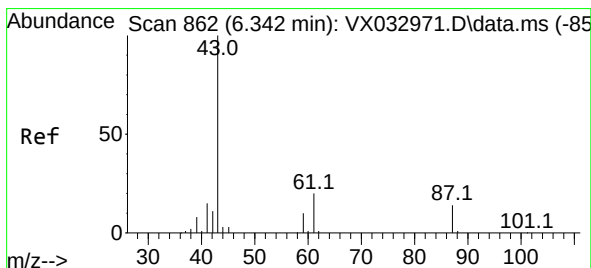
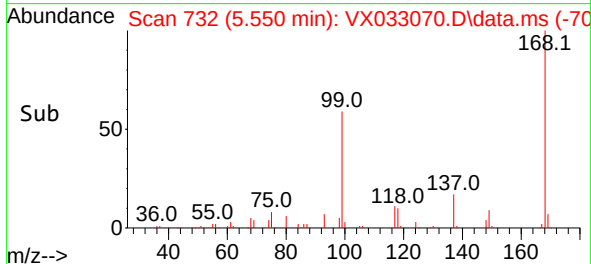
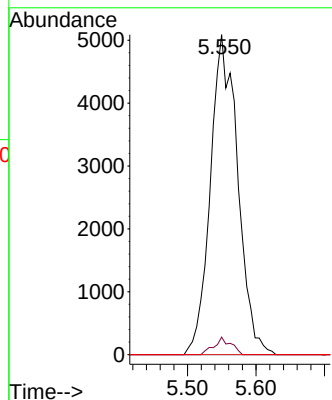


#38
Carbon Tetrachloride
Concen: 6.523 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX033070.D
Acq: 25 Nov 2022 16:04

Instrument :
MSVOA_X
ClientSampleId :
MW-26

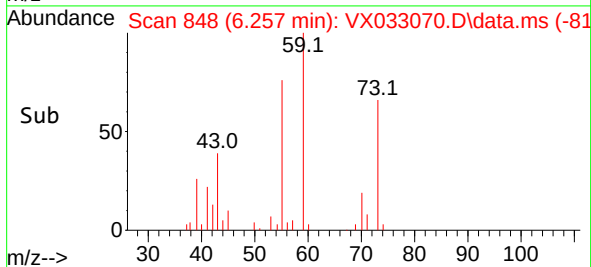
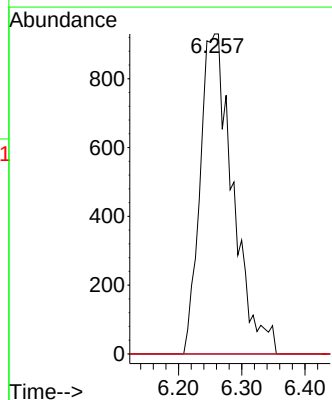
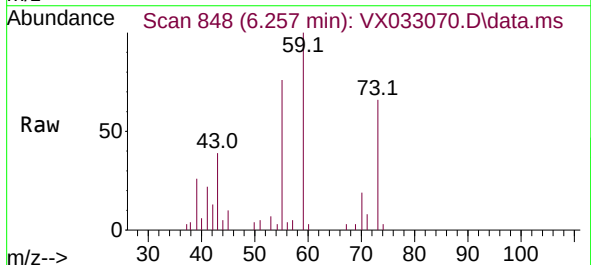


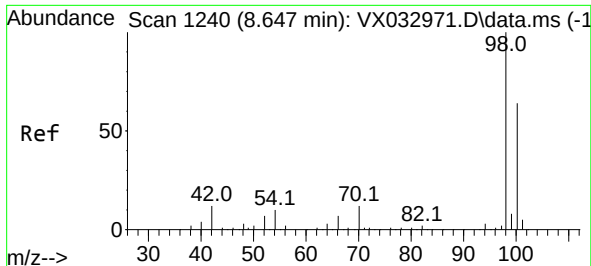
Tgt Ion:117 Resp: 14083
Ion Ratio Lower Upper
117 100
119 5.5 77.2 115.8#
121 0.0 25.8 38.6#



#43
Isopropyl Acetate
Concen: 1.194 ug/l
RT: 6.257 min Scan# 848
Delta R.T. -0.085 min
Lab File: VX033070.D
Acq: 25 Nov 2022 16:04

Tgt Ion: 43 Resp: 3353
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.0#
87 0.0 10.8 16.2#

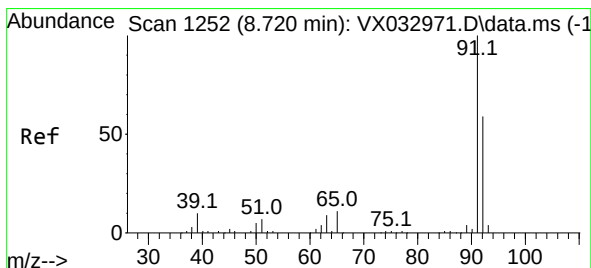
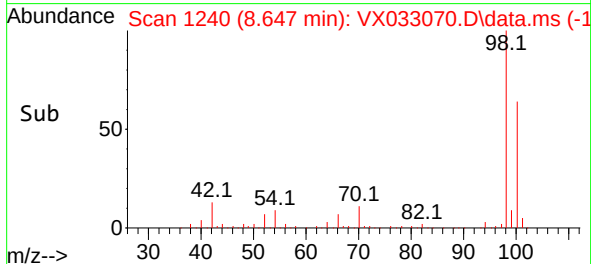
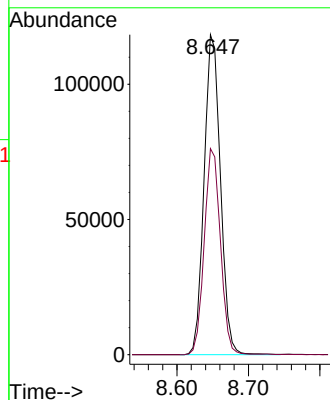
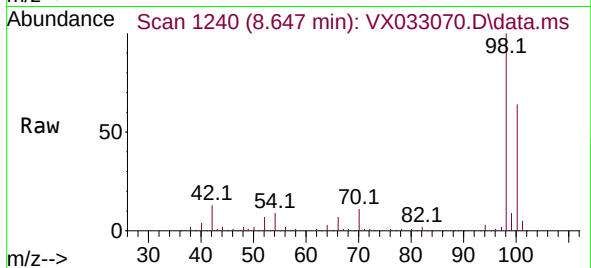




#50
Toluene-d8
Concen: 51.458 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033070.D
Acq: 25 Nov 2022 16:04

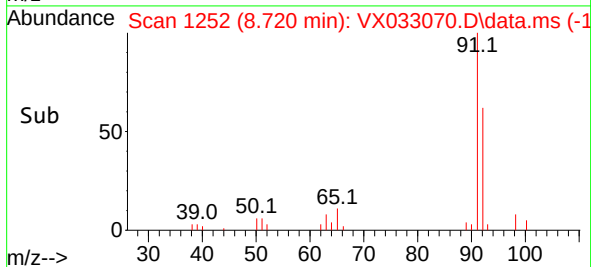
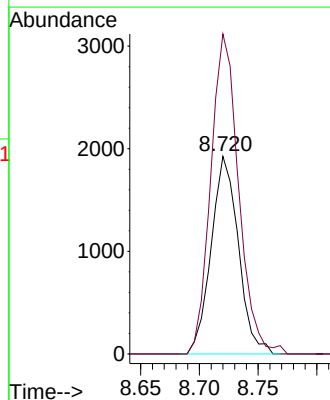
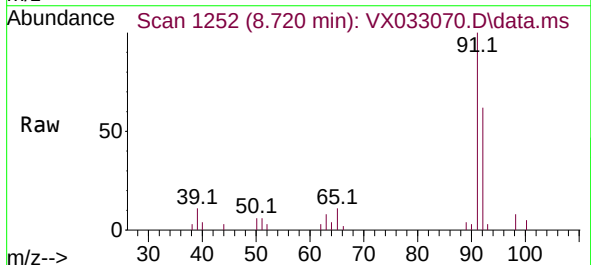
Instrument :
MSVOA_X
ClientSampleId :
MW-26

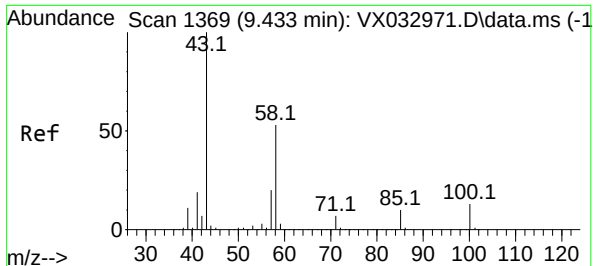
Tgt Ion: 98 Resp: 188219
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#52
Toluene
Concen: 0.864 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033070.D
Acq: 25 Nov 2022 16:04

Tgt Ion: 92 Resp: 3100
Ion Ratio Lower Upper
92 100
91 165.7 138.3 207.5





#59

2-Hexanone

Concen: 0.352 ug/l

RT: 9.445 min Scan# 1371

Delta R.T. 0.012 min

Lab File: VX033070.D

Acq: 25 Nov 2022 16:04

Instrument :

MSVOA_X

ClientSampleId :

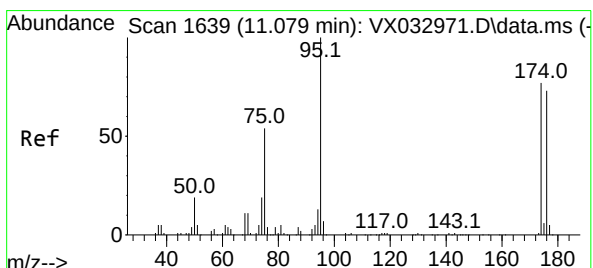
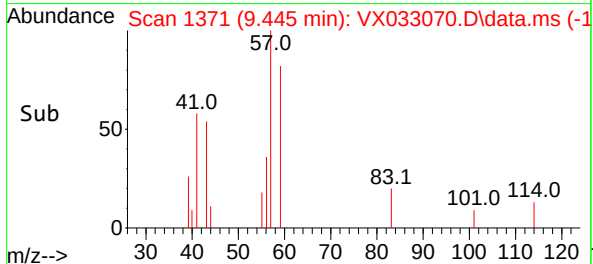
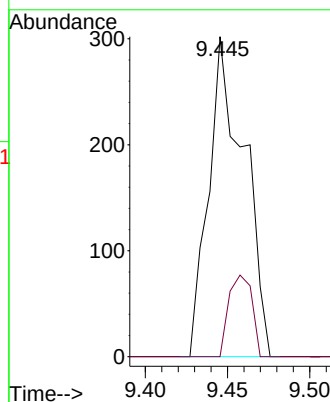
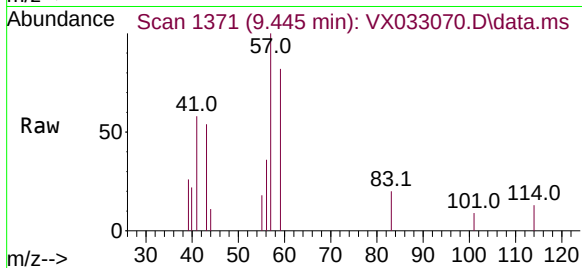
MW-26

Tgt Ion: 43 Resp: 451

Ion Ratio Lower Upper

43 100

58 16.6 26.5 79.5#



#62

4-Bromofluorobenzene

Concen: 42.255 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX033070.D

Acq: 25 Nov 2022 16:04

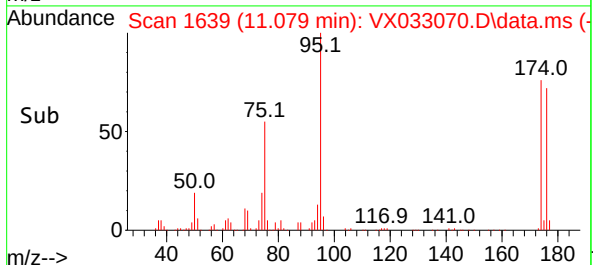
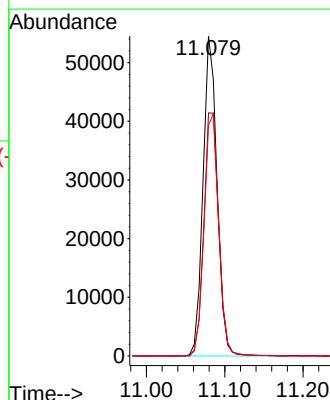
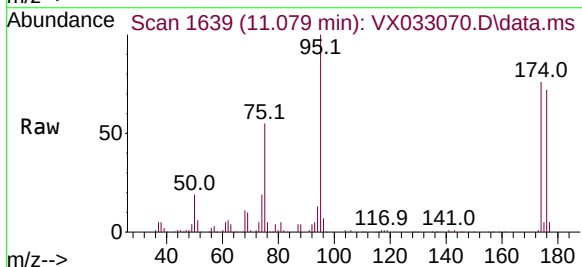
Tgt Ion: 95 Resp: 67560

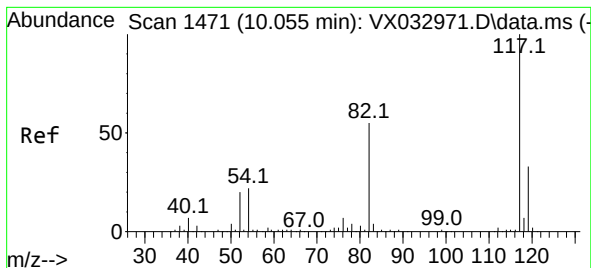
Ion Ratio Lower Upper

95 100

174 81.1 0.0 164.0

176 78.7 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: VX033070.D

Acq: 25 Nov 2022 16:04

Instrument :

MSVOA_X

ClientSampleId :

MW-26

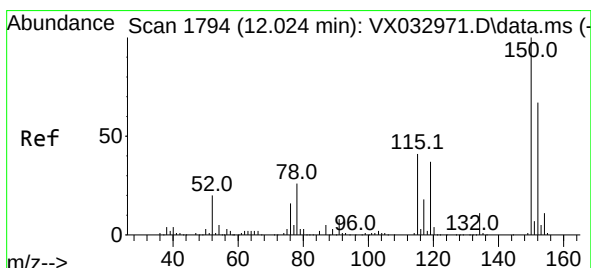
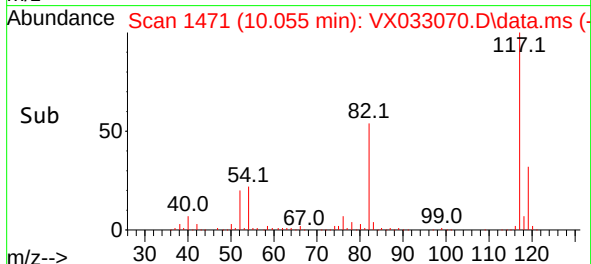
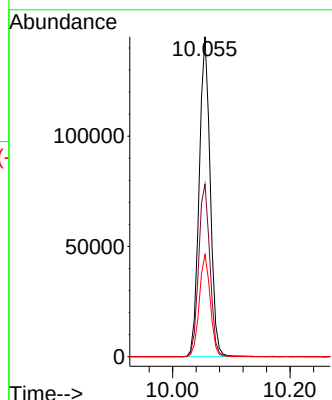
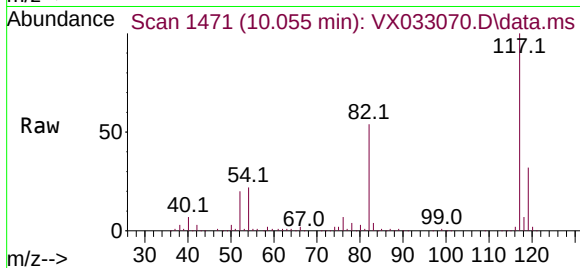
Tgt Ion:117 Resp: 189360

Ion Ratio Lower Upper

117 100

82 53.9 44.3 66.5

119 31.9 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX033070.D

Acq: 25 Nov 2022 16:04

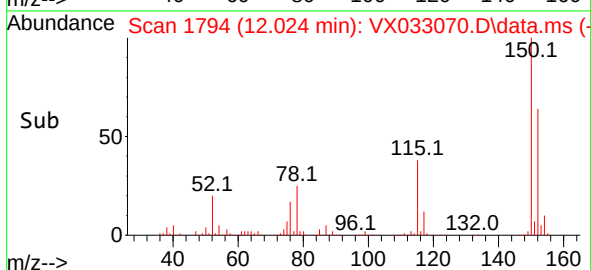
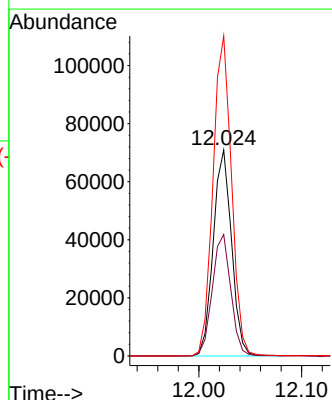
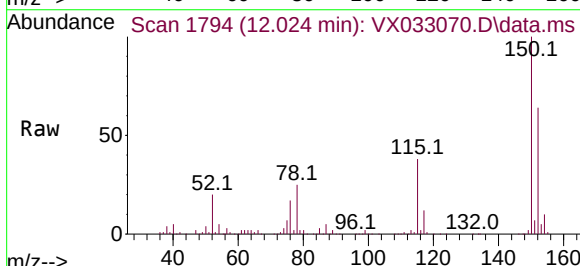
Tgt Ion:152 Resp: 87609

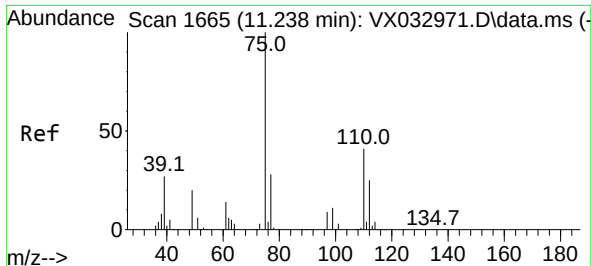
Ion Ratio Lower Upper

152 100

115 59.6 44.0 132.0

150 157.1 0.0 351.8

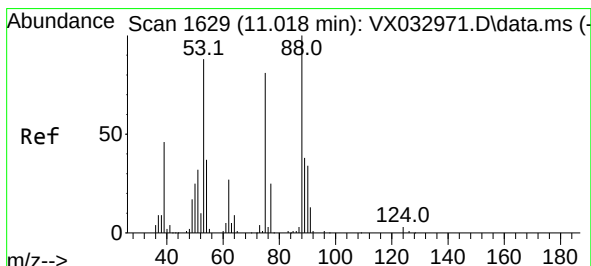
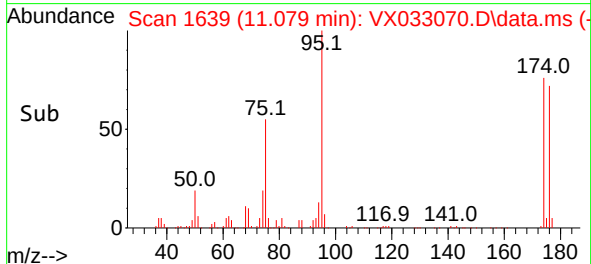
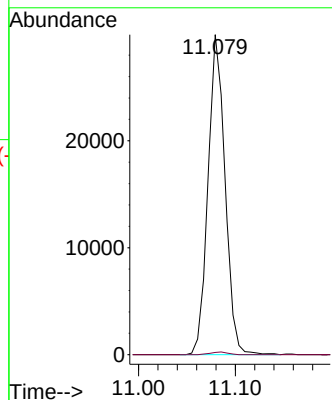
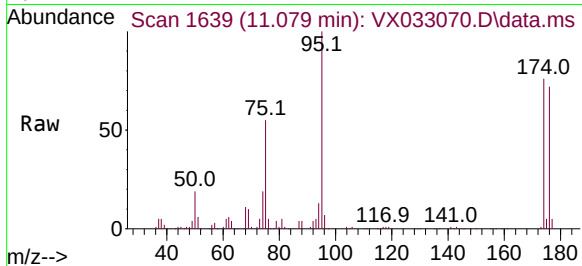




#76
1,2,3-Trichloropropane
Concen: 22.112 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033070.D
Acq: 25 Nov 2022 16:04

Instrument :
MSVOA_X
ClientSampleId :
MW-26

Tgt Ion: 75 Resp: 36688
Ion Ratio Lower Upper
75 100
77 0.8 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.875 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033070.D
Acq: 25 Nov 2022 16:04

Tgt Ion: 75 Resp: 36688
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

