

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112822\
 Data File : VX033085.D
 Acq On : 28 Nov 2022 12:28
 Operator : JC/MD
 Sample : N5747-05DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-38IDL

Quant Time: Nov 29 01:43:08 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	5.556	168	139840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	223938	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89545	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74040	54.464	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.920%	
35) Dibromofluoromethane	5.385	113	58872	46.632	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.260%	
50) Toluene-d8	8.647	98	199032	52.505	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.000%	
62) 4-Bromofluorobenzene	11.079	95	71230	42.951	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 85.900%	

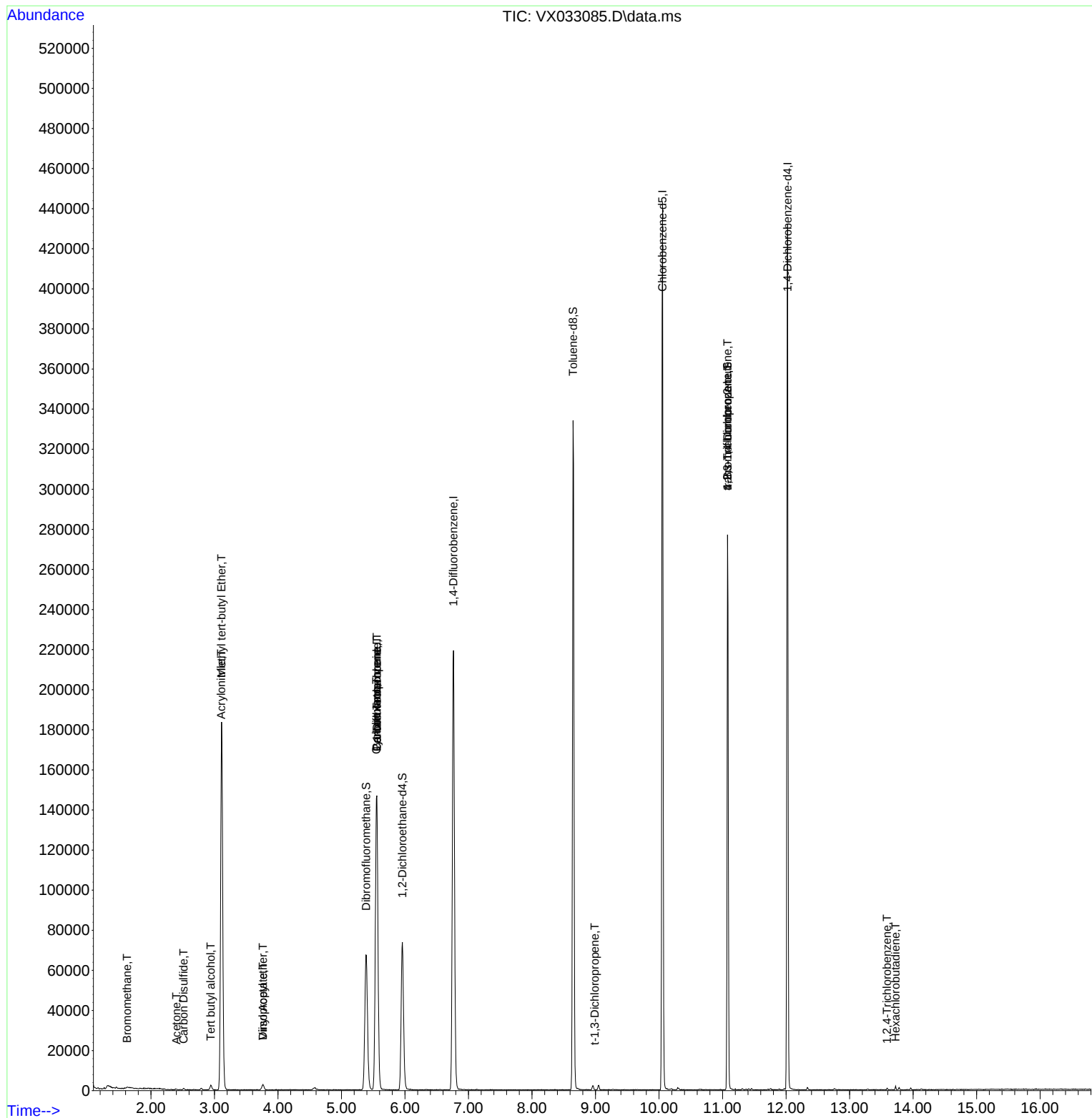
Target Compounds			Qvalue			
5) Bromomethane	1.624	94	222	0.233	ug/l #	65
11) Tert butyl alcohol	2.941	59	1433	6.638	ug/l #	72
15) Acrylonitrile	3.105	53	2381	3.899	ug/l #	26
16) Acetone	2.398	43	449	0.706	ug/l	90
17) Carbon Disulfide	2.514	76	940	0.279	ug/l #	74
19) Methyl tert-butyl Ether	3.111	73	200449	47.362	ug/l	99
20) Methylene Chloride	2.782	84	405	Below Cal	#	59
22) Diisopropyl ether	3.764	45	2592	0.604	ug/l #	91
23) Vinyl Acetate	3.764	43	1712	0.510	ug/l #	72
31) Cyclohexane	5.550	56	3055	1.384	ug/l #	3
36) 1,1-Dichloropropene	5.556	75	10712	5.306	ug/l #	49
38) Carbon Tetrachloride	5.556	117	14440	6.448	ug/l #	16
53) t-1,3-Dichloropropene	8.988	75	53	1.540	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	38168	22.507	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	38168	73.158	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.591	180	363	0.205	ug/l #	70
94) Hexachlorobutadiene	13.725	225	283	0.362	ug/l	84

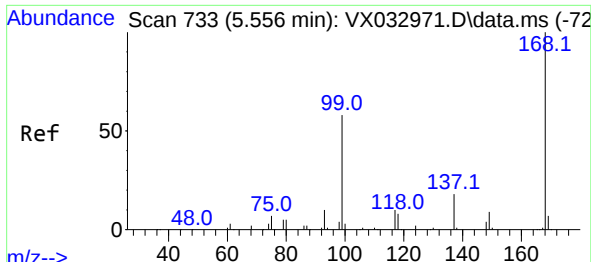
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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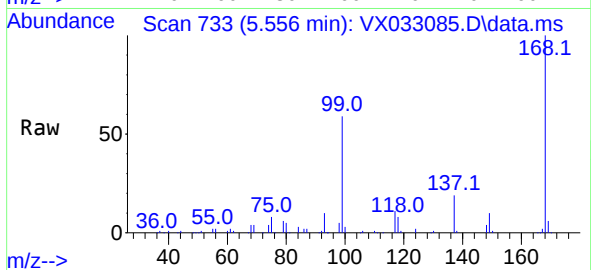
Quant Time: Nov 29 01:43:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260
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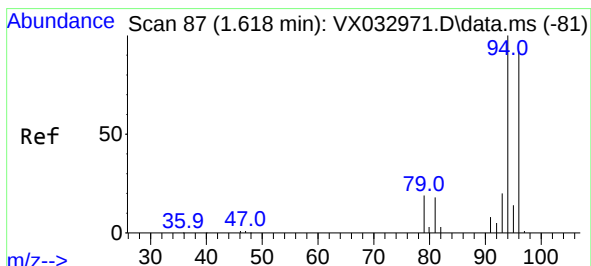
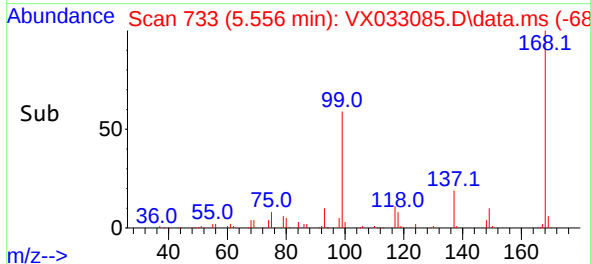
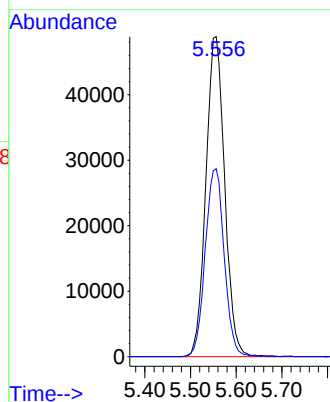


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033085.D
Acq: 28 Nov 2022 12:28

Instrument :
MSVOA_X
ClientSampleId :
MW-38IDL

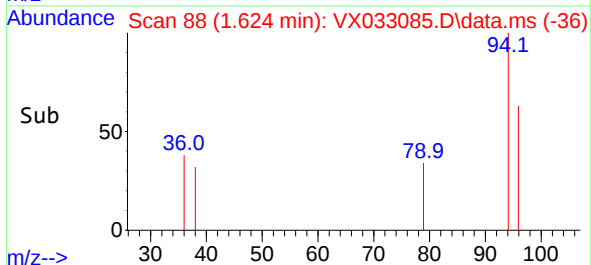
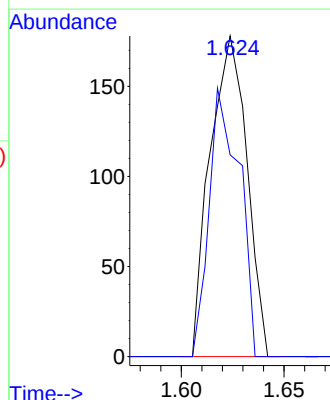
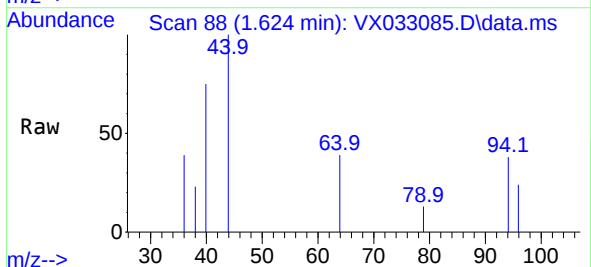


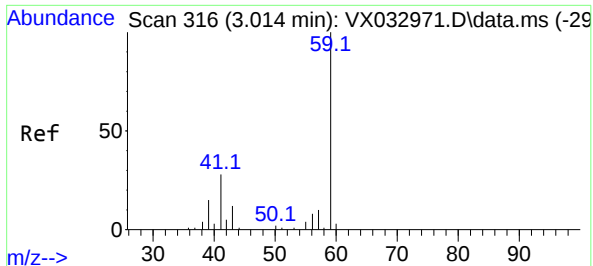
Tgt Ion:168 Resp: 139840
Ion Ratio Lower Upper
168 100
99 58.8 46.1 69.1



#5
Bromomethane
Concen: 0.233 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.019 min
Lab File: VX033085.D
Acq: 28 Nov 2022 12:28

Tgt Ion: 94 Resp: 222
Ion Ratio Lower Upper
94 100
96 62.9 77.6 116.4#





#11

Tert butyl alcohol

Concen: 6.638 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.024 min

Lab File: VX033085.D

Acq: 28 Nov 2022 12:28

Instrument :

MSVOA_X

ClientSampleId :

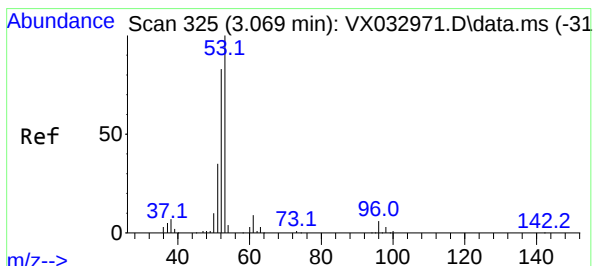
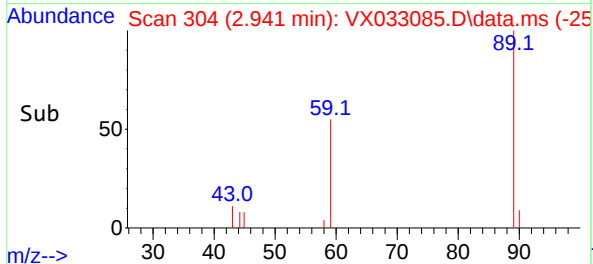
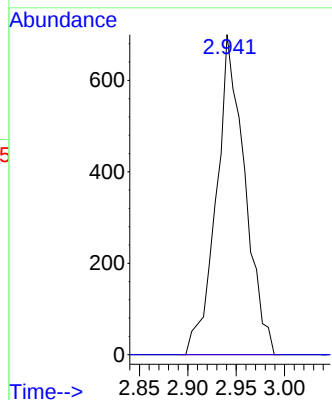
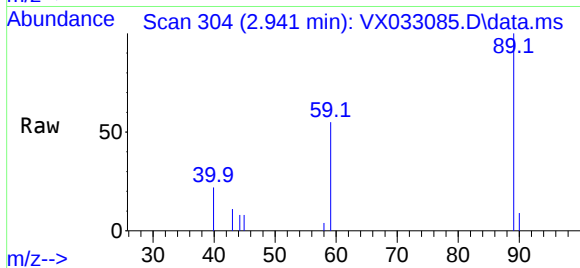
MW-38IDL

Tgt Ion: 59 Resp: 1433

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#15

Acrylonitrile

Concen: 3.899 ug/l

RT: 3.105 min Scan# 331

Delta R.T. 0.043 min

Lab File: VX033085.D

Acq: 28 Nov 2022 12:28

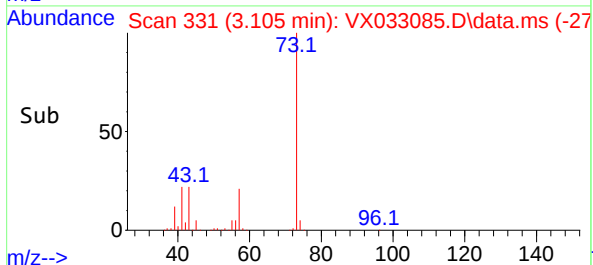
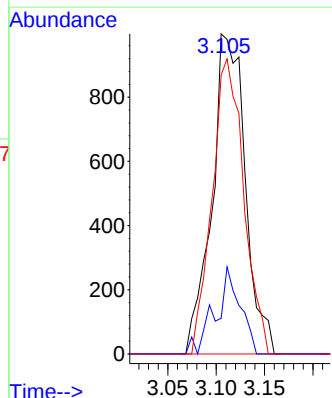
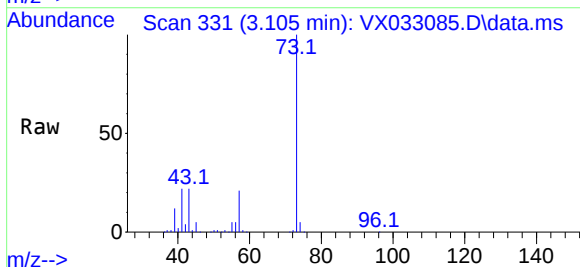
Tgt Ion: 53 Resp: 2381

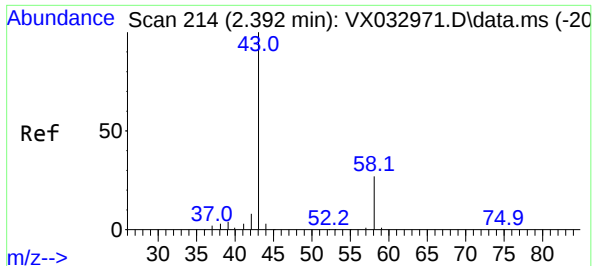
Ion Ratio Lower Upper

53 100

52 20.2 67.4 101.0#

51 87.6 30.3 45.5#

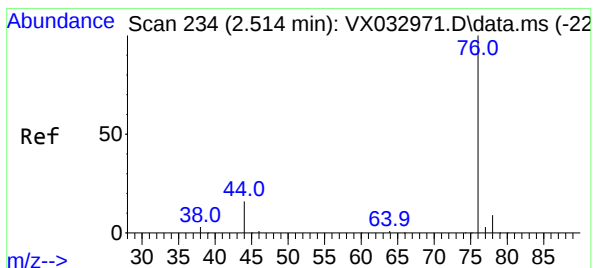
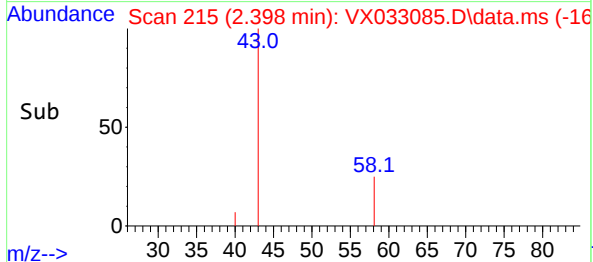
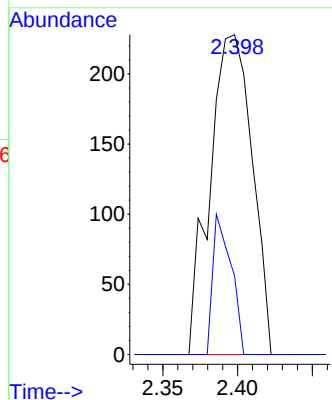
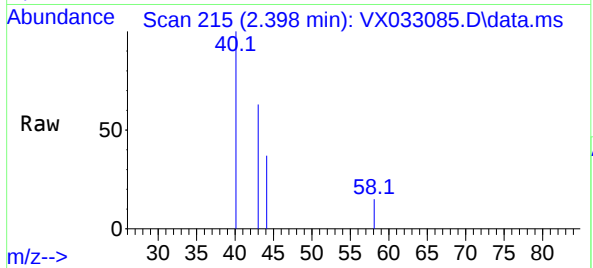




#16
Acetone
Concen: 0.706 ug/l
RT: 2.398 min Scan# 214
Delta R.T. 0.018 min
Lab File: VX033085.D
Acq: 28 Nov 2022 12:28

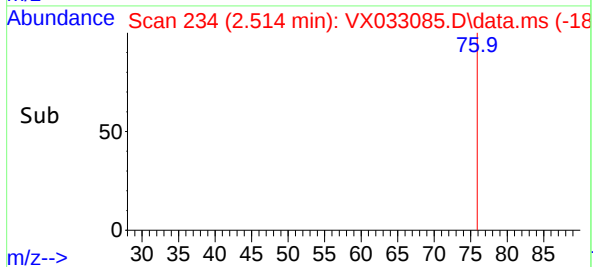
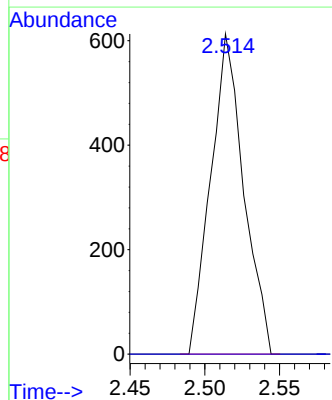
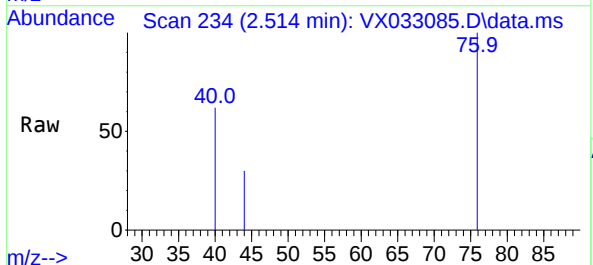
Instrument :
MSVOA_X
ClientSampleId :
MW-38IDL

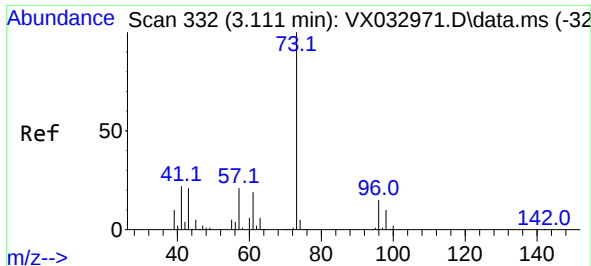
Tgt Ion: 43 Resp: 449
Ion Ratio Lower Upper
43 100
58 24.6 23.8 35.8



#17
Carbon Disulfide
Concen: 0.279 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033085.D
Acq: 28 Nov 2022 12:28

Tgt Ion: 76 Resp: 940
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#





#19

Methyl tert-butyl Ether

Concen: 47.362 ug/l

RT: 3.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX033085.D

Acq: 28 Nov 2022 12:28

Instrument :

MSVOA_X

ClientSampleId :

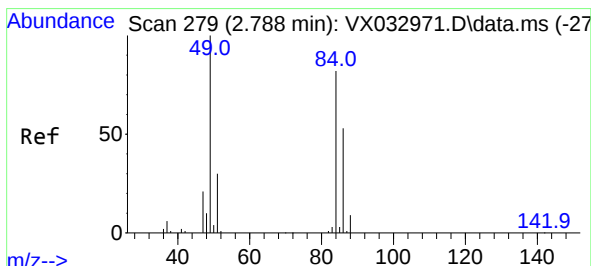
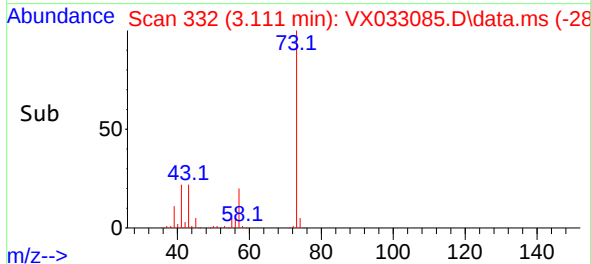
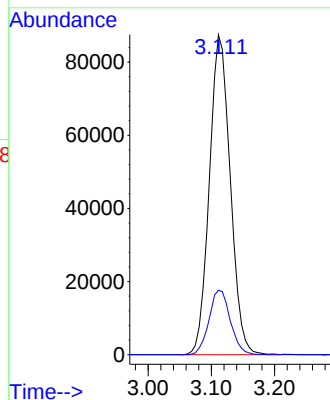
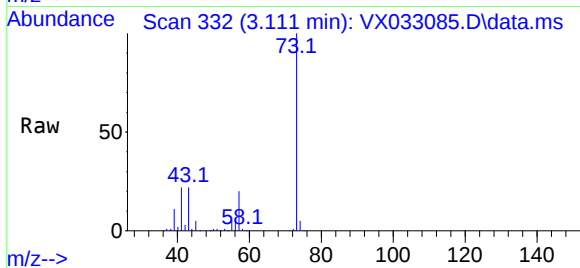
MW-38IDL

Tgt Ion: 73 Resp: 200449

Ion Ratio Lower Upper

73 100

57 20.1 16.6 25.0



#20

Methylene Chloride

Concen: Below Cal

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX033085.D

Acq: 28 Nov 2022 12:28

Tgt Ion: 84 Resp: 405

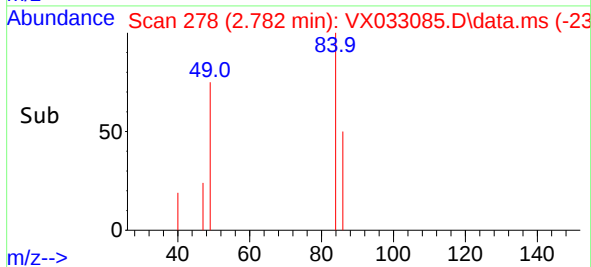
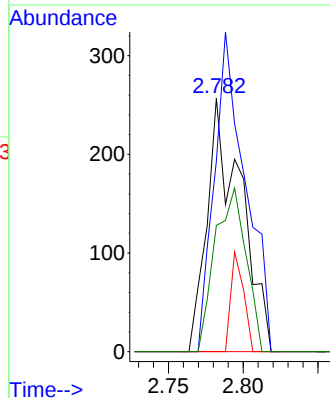
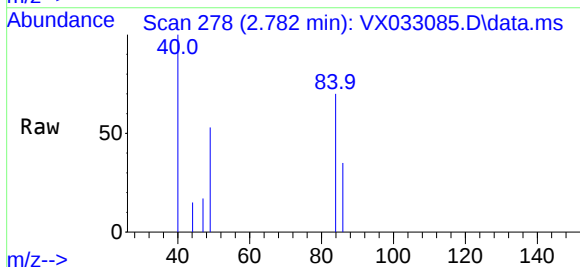
Ion Ratio Lower Upper

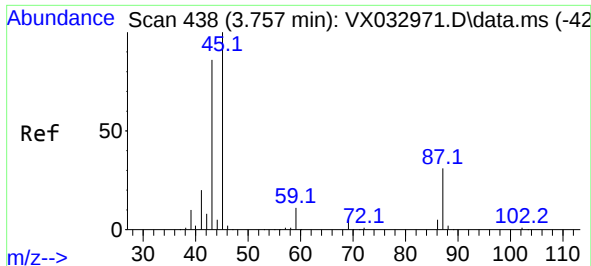
84 100

49 75.1 101.0 151.6#

51 0.0 31.1 46.7#

86 49.8 52.3 78.5#

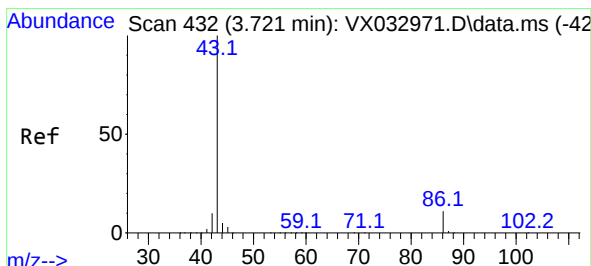
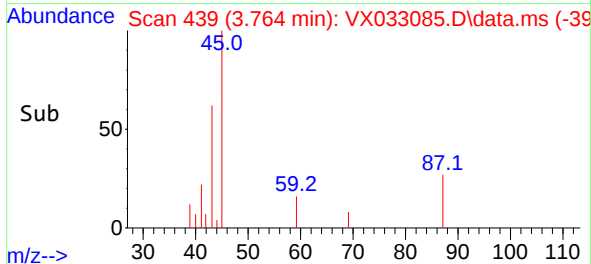
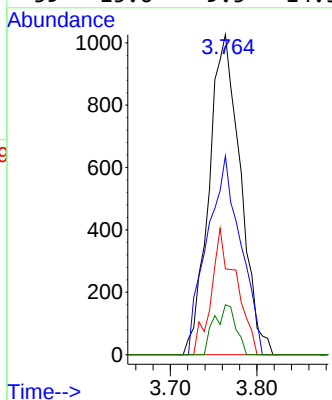
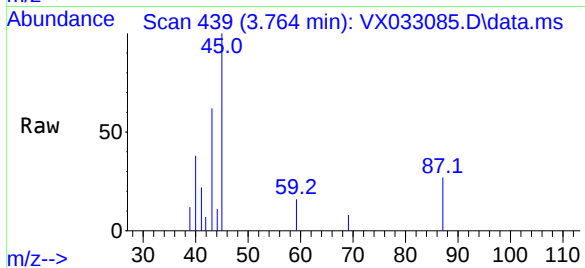




#22
Diisopropyl ether
Concen: 0.604 ug/l
RT: 3.764 min Scan# 41
Delta R.T. 0.001 min
Lab File: VX033085.D
Acq: 28 Nov 2022 12:28

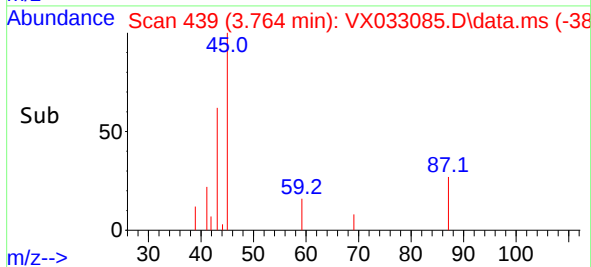
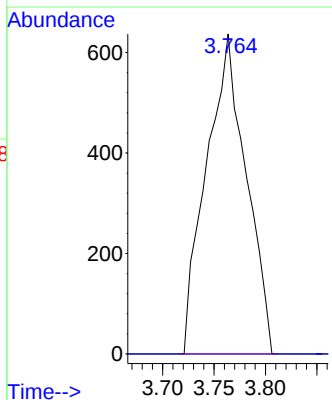
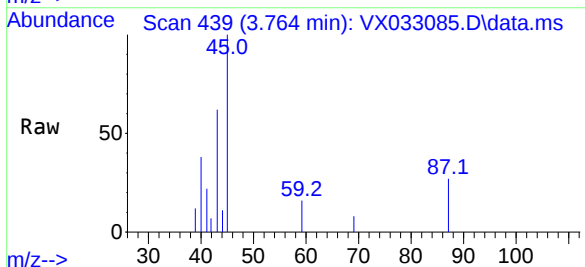
Instrument :
MSVOA_X
ClientSampleId :
MW-38IDL

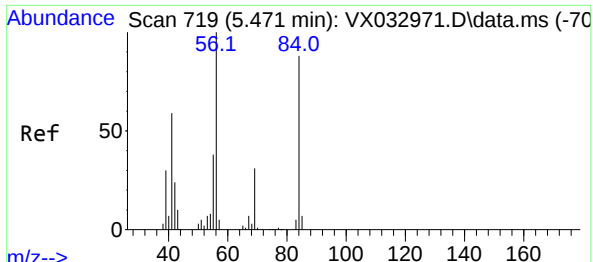
Tgt Ion:	45	Resp:	2592
Ion	Ratio	Lower	Upper
45	100		
43	62.1	56.4	84.6
87	26.8	24.4	36.6
59	15.6	9.5	14.3



#23
Vinyl Acetate
Concen: 0.510 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.043 min
Lab File: VX033085.D
Acq: 28 Nov 2022 12:28

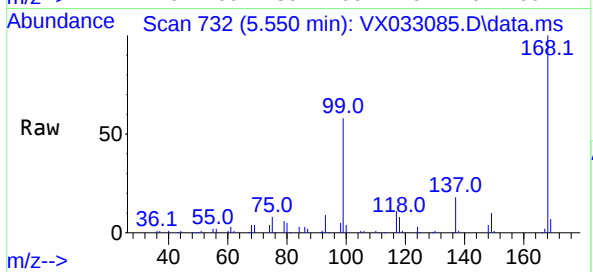
Tgt Ion:	43	Resp:	1712
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.6	12.8



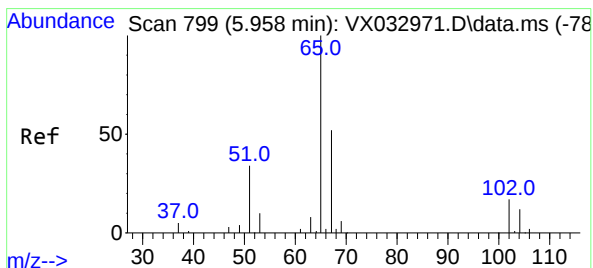
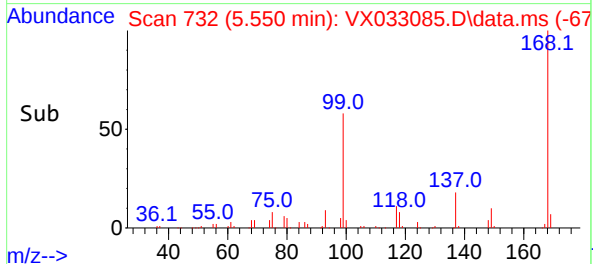
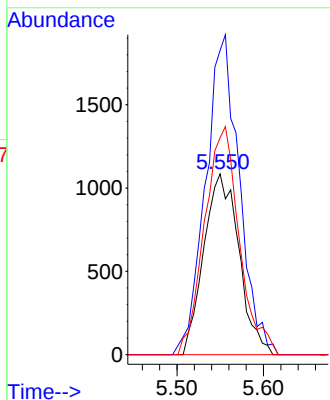


#31
Cyclohexane
Concen: 1.384 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX033085.D
Acq: 28 Nov 2022 12:28

Instrument :
MSVOA_X
ClientSampleId :
MW-38IDL

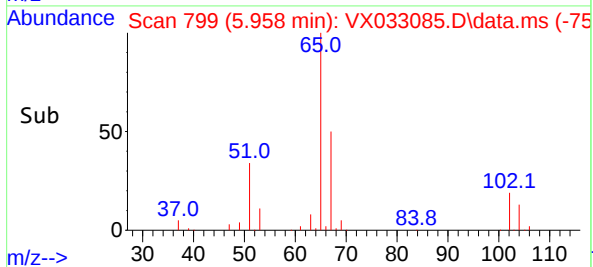
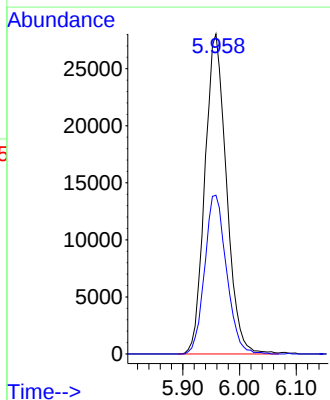
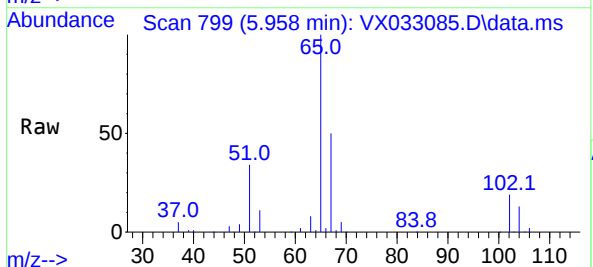


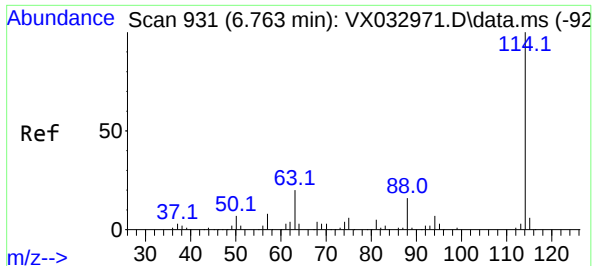
Tgt Ion: 56 Resp: 3055
Ion Ratio Lower Upper
56 100
69 168.4 24.1 36.1#
84 120.0 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 54.464 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033085.D
Acq: 28 Nov 2022 12:28

Tgt Ion: 65 Resp: 74040
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.8

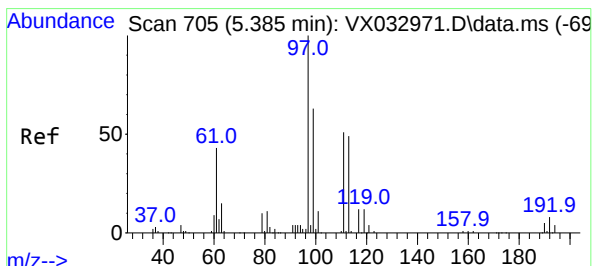
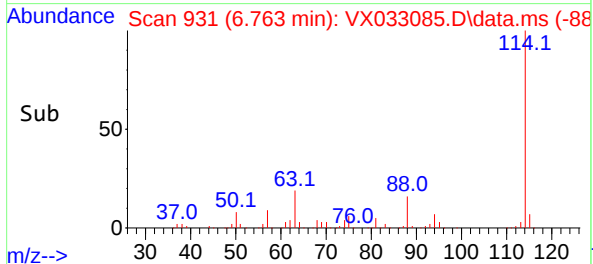
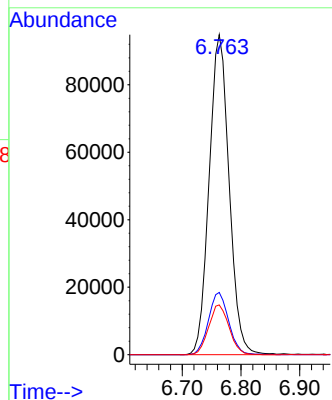
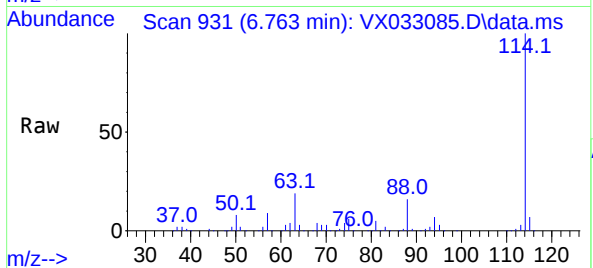




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX033085.D
Acq: 28 Nov 2022 12:28

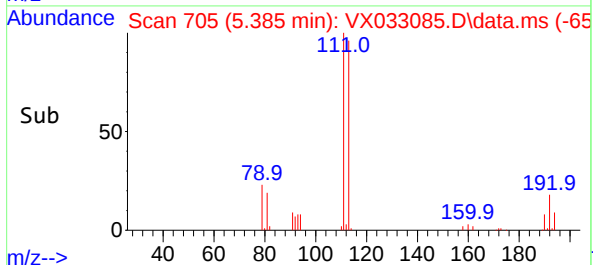
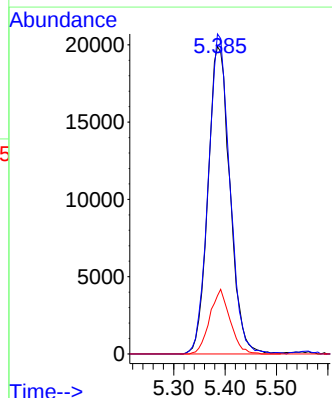
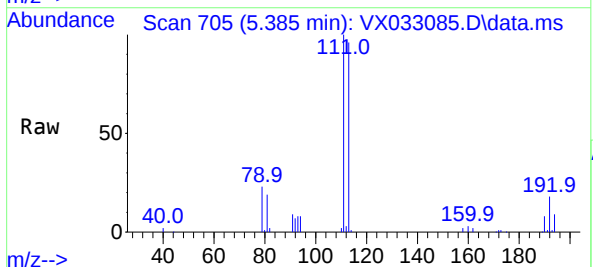
Instrument :
MSVOA_X
ClientSampleId :
MW-38IDL

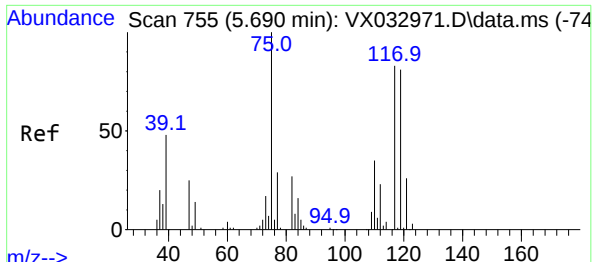
Tgt Ion:114 Resp: 223938
Ion Ratio Lower Upper
114 100
63 19.5 0.0 41.6
88 15.5 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.632 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033085.D
Acq: 28 Nov 2022 12:28

Tgt Ion:113 Resp: 58872
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 19.5 15.4 23.2

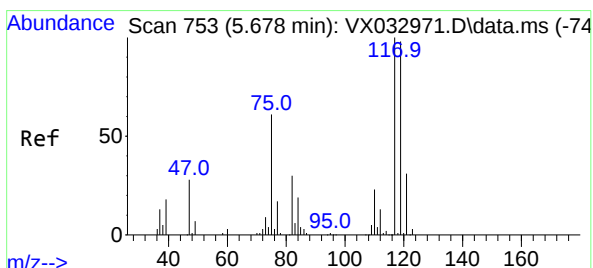
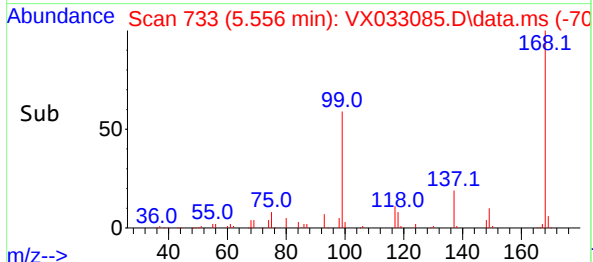
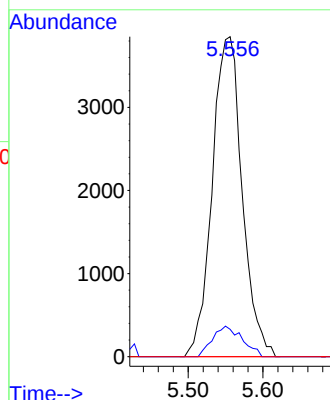
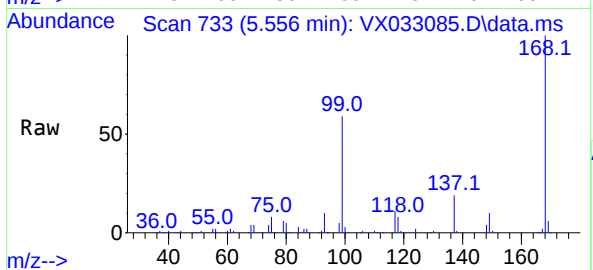




#36
1,1-Dichloropropene
Concen: 5.306 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX033085.D
Acq: 28 Nov 2022 12:28

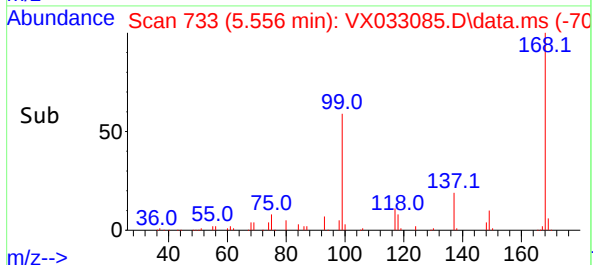
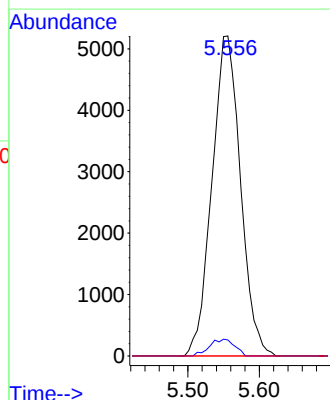
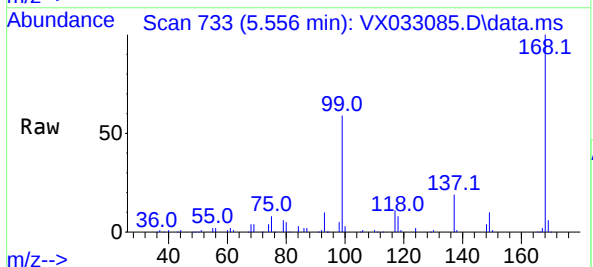
Instrument :
MSVOA_X
ClientSampleId :
MW-38IDL

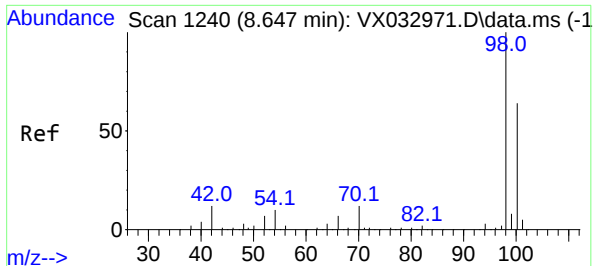
Tgt Ion: 75 Resp: 10712
Ion Ratio Lower Upper
75 100
110 9.4 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.448 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX033085.D
Acq: 28 Nov 2022 12:28

Tgt Ion: 117 Resp: 14440
Ion Ratio Lower Upper
117 100
119 5.0 77.2 115.8#
121 0.0 25.8 38.6#

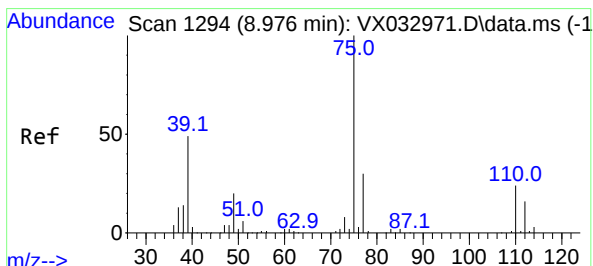
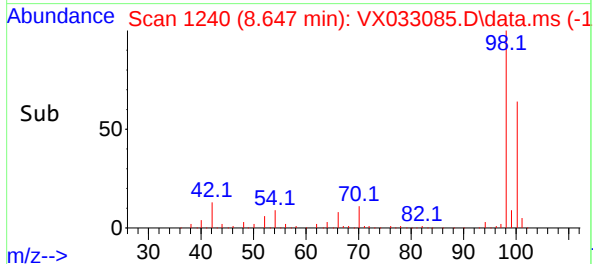
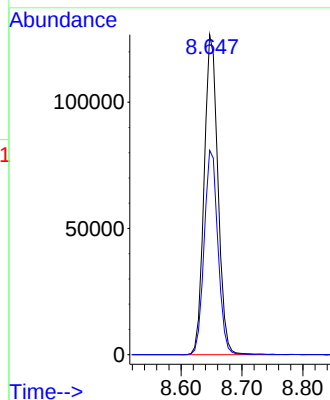
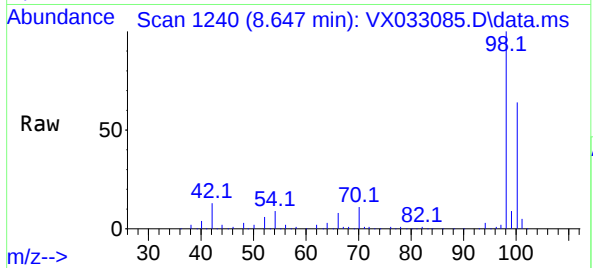




#50
Toluene-d8
Concen: 52.505 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033085.D
Acq: 28 Nov 2022 12:28

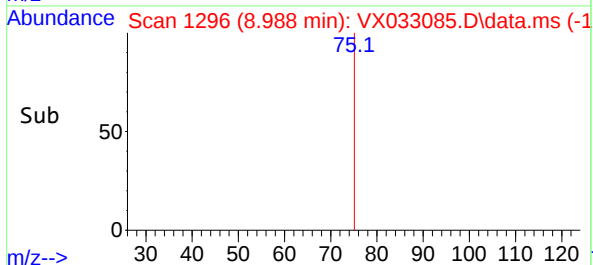
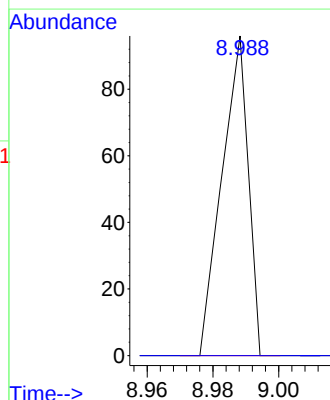
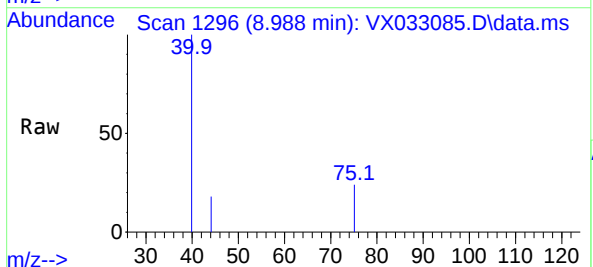
Instrument :
MSVOA_X
ClientSampleId :
MW-38IDL

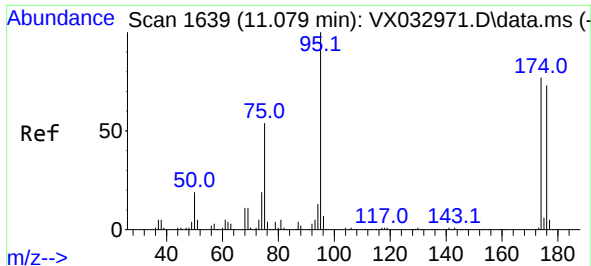
Tgt Ion: 98 Resp: 199032
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#53
t-1,3-Dichloropropene
Concen: 1.540 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX033085.D
Acq: 28 Nov 2022 12:28

Tgt Ion: 75 Resp: 53
Ion Ratio Lower Upper
75 100
77 0.0 25.1 37.7#

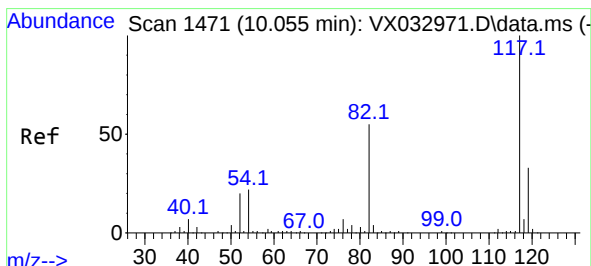
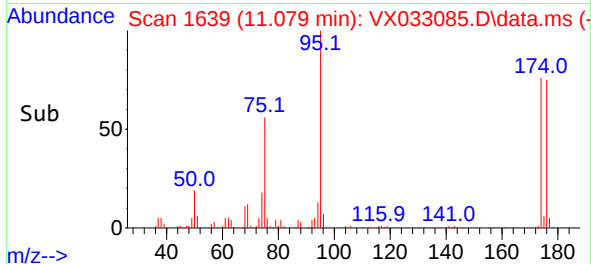
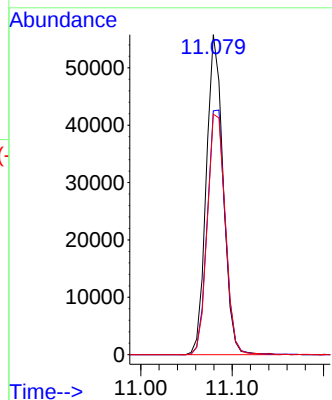
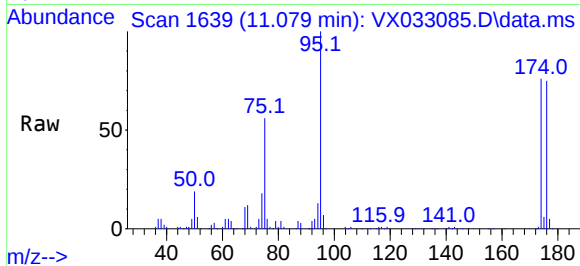




#62
4-Bromofluorobenzene
Concen: 42.951 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033085.D
Acq: 28 Nov 2022 12:28

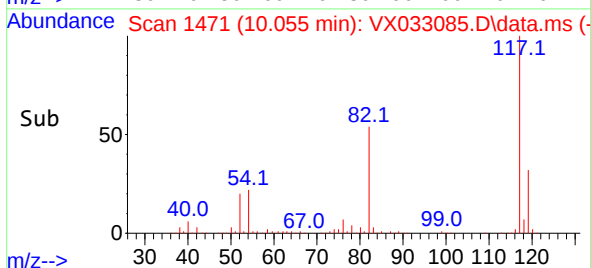
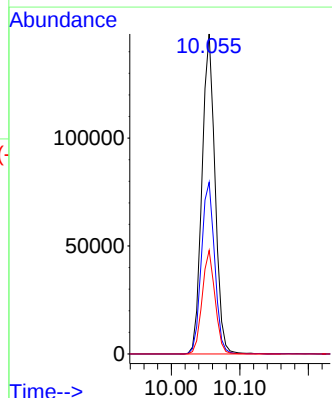
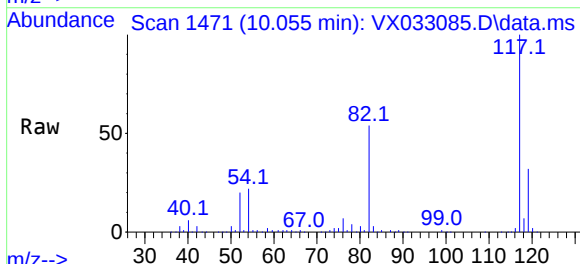
Instrument :
MSVOA_X
ClientSampleId :
MW-38IDL

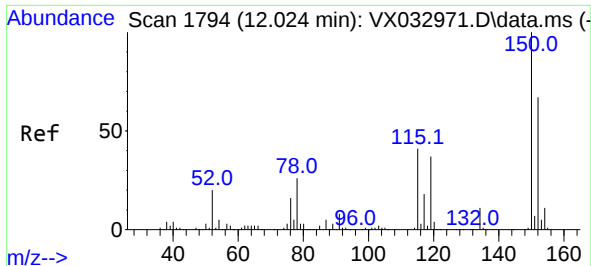
Tgt Ion: 95 Resp: 71230
Ion Ratio Lower Upper
95 100
174 81.2 0.0 164.0
176 80.1 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033085.D
Acq: 28 Nov 2022 12:28

Tgt Ion: 117 Resp: 196645
Ion Ratio Lower Upper
117 100
82 53.6 44.3 66.5
119 32.3 25.7 38.5

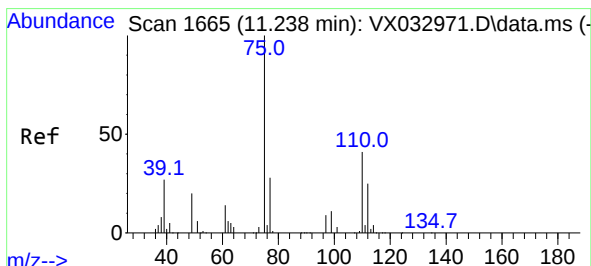
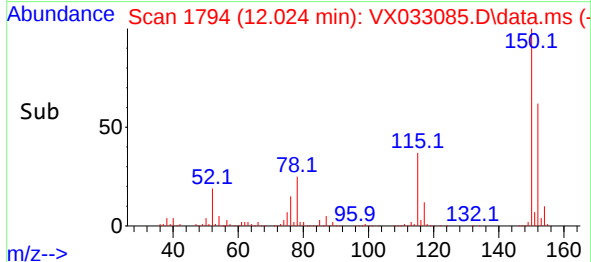
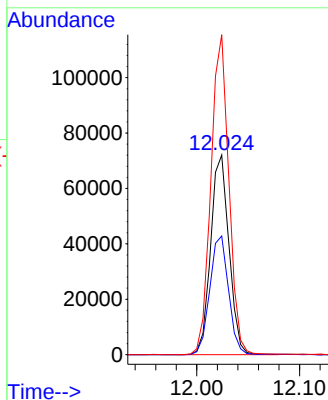
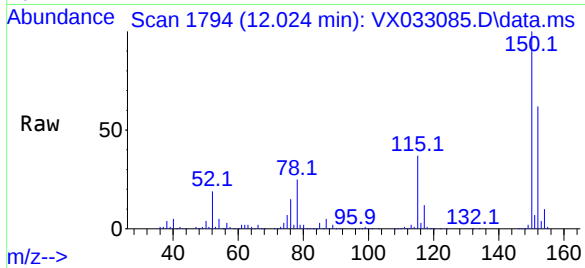




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033085.D
Acq: 28 Nov 2022 12:28

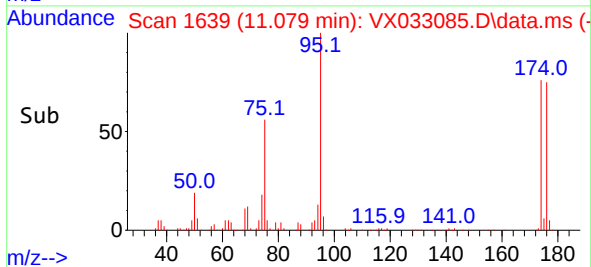
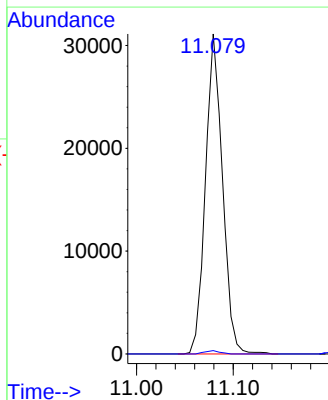
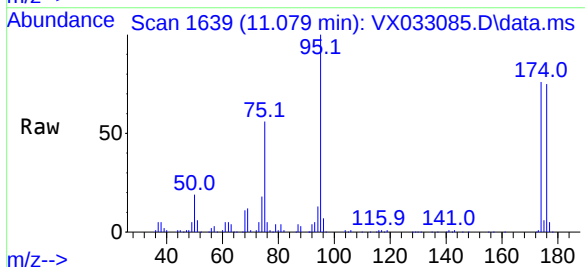
Instrument :
MSVOA_X
ClientSampleId :
MW-38IDL

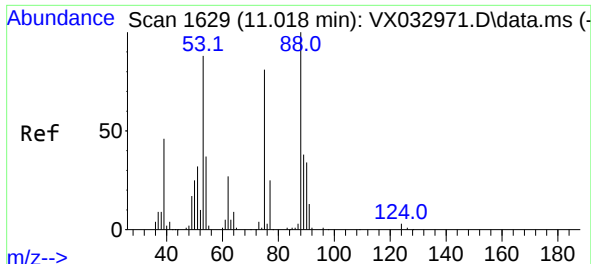
Tgt Ion:152 Resp: 89545
Ion Ratio Lower Upper
152 100
115 60.7 44.0 132.0
150 157.0 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 22.507 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033085.D
Acq: 28 Nov 2022 12:28

Tgt Ion: 75 Resp: 38168
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#

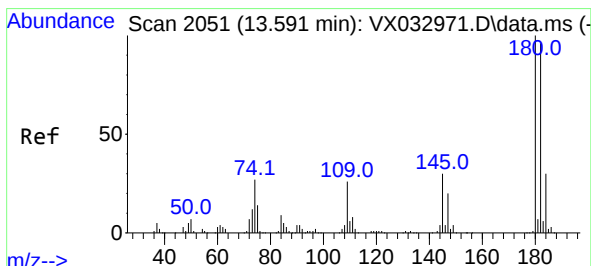
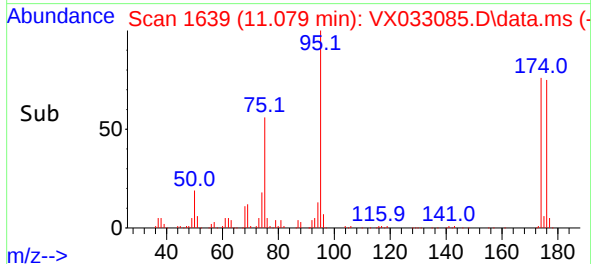
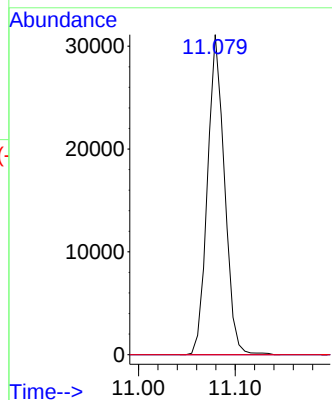
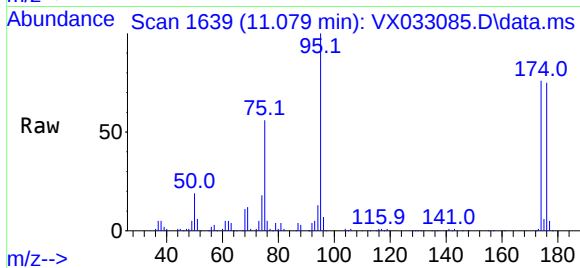




#81
trans-1,4-Dichloro-2-butene
Concen: 73.158 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX033085.D
Acq: 28 Nov 2022 12:28

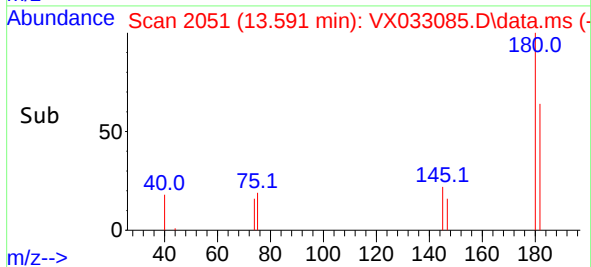
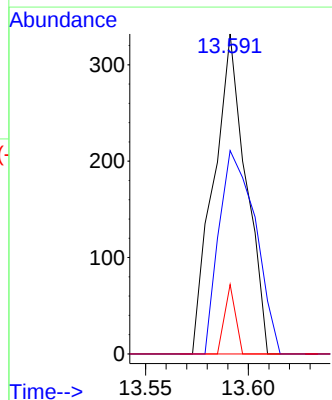
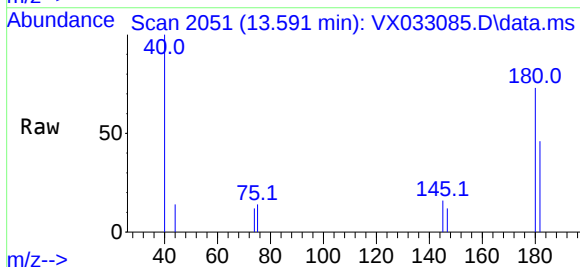
Instrument :
MSVOA_X
ClientSampleId :
MW-38IDL

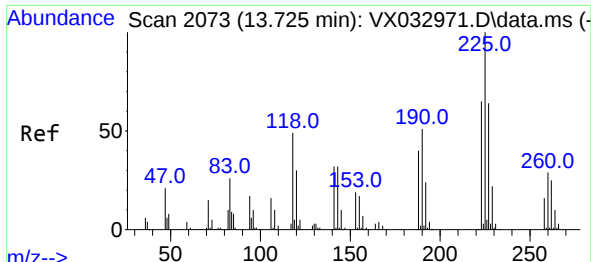
Tgt Ion: 75 Resp: 38168
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.205 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX033085.D
Acq: 28 Nov 2022 12:28

Tgt Ion:180 Resp: 363
Ion Ratio Lower Upper
180 100
182 71.6 48.4 145.0
145 7.2 16.2 48.5#





#94

Hexachlorobutadiene

Concen: 0.362 ug/l

RT: 13.725 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX033085.D

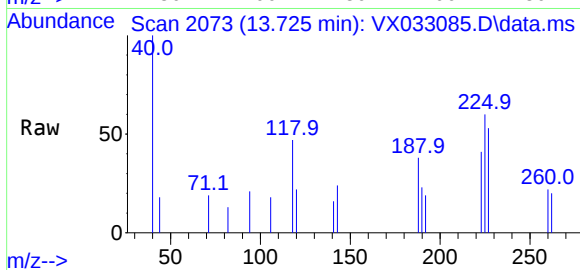
Acq: 28 Nov 2022 12:28

Instrument :

MSVOA_X

ClientSampleId :

MW-38IDL



Tgt Ion:225 Resp: 283

Ion Ratio Lower Upper

225 100

223 64.7 31.9 95.9

227 87.6 31.9 95.5

