

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112522\
 Data File : VX033073.D
 Acq On : 25 Nov 2022 17:14
 Operator : JC/MD
 Sample : N5742-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-45

Quant Time: Nov 28 00:49:29 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)

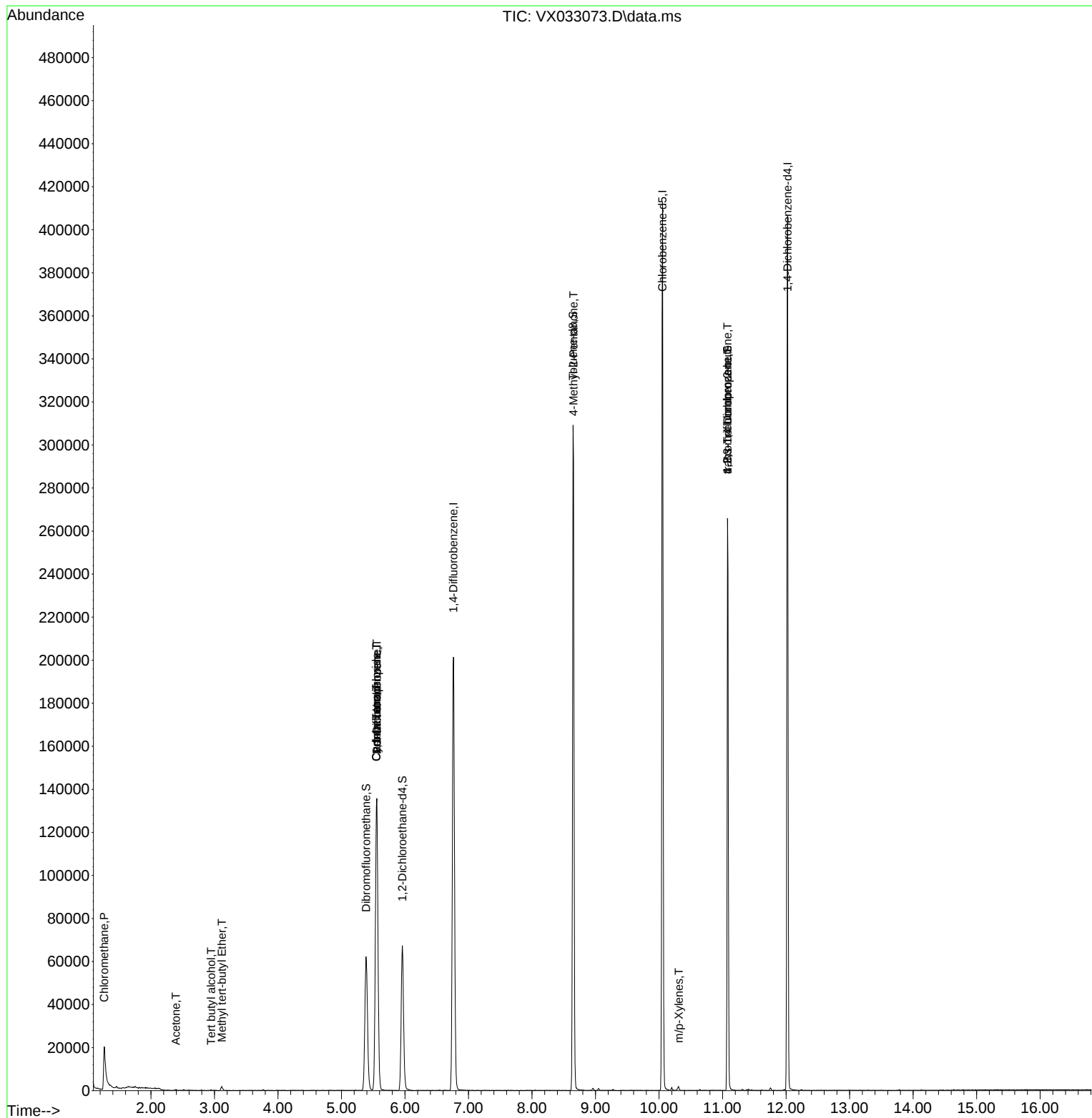
Internal Standards						
1) Pentafluorobenzene	5.556	168	127682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	207016	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66990	53.940	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.880%	
35) Dibromofluoromethane	5.385	113	53426	45.778	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.560%	
50) Toluene-d8	8.647	98	186161	53.150	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.300%	
62) 4-Bromofluorobenzene	11.079	95	65606	42.794	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 85.580%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.264	50	936	0.889	ug/l #	43
11) Tert butyl alcohol	2.947	59	64	0.325	ug/l #	72
16) Acetone	2.392	43	465	0.801	ug/l #	45
19) Methyl tert-butyl Ether	3.117	73	1709	0.442	ug/l #	84
20) Methylene Chloride	2.788	84	112	Below Cal	#	44
31) Cyclohexane	5.550	56	2824	1.402	ug/l #	24
36) 1,1-Dichloropropene	5.556	75	10168	5.449	ug/l #	50
38) Carbon Tetrachloride	5.550	117	13099	6.328	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	824	0.496	ug/l #	1
68) m/p-Xylenes	10.311	106	555	0.217	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	36090	22.738	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	36090	73.908	ug/l #	6

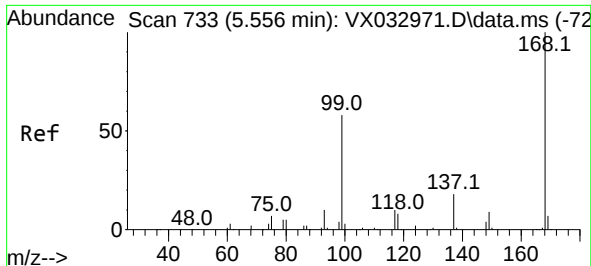
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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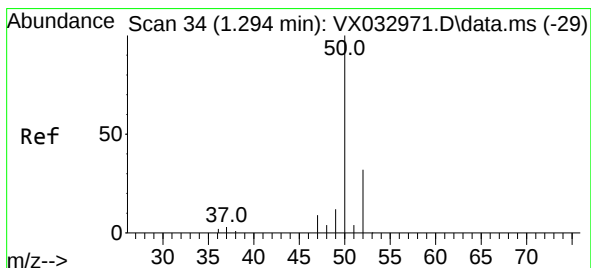
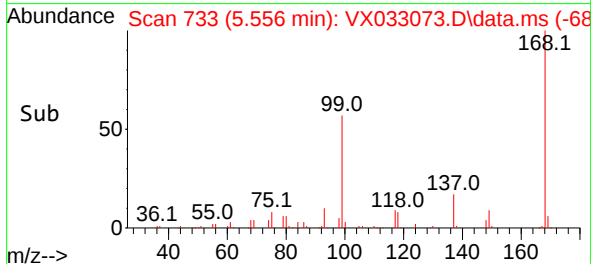
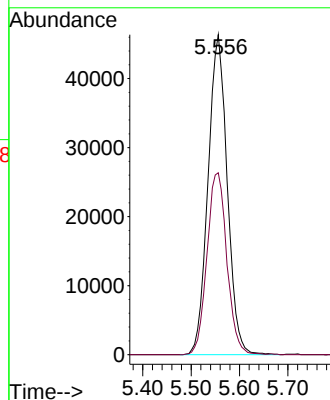
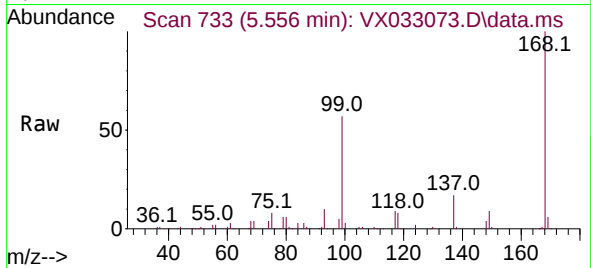




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033073.D
Acq: 25 Nov 2022 17:14

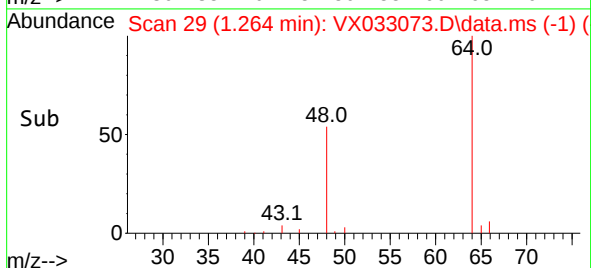
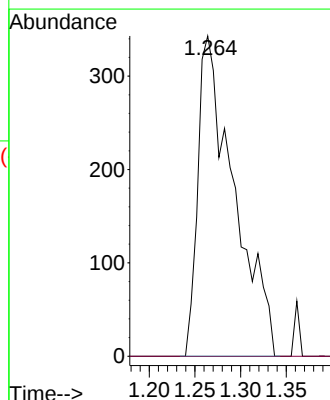
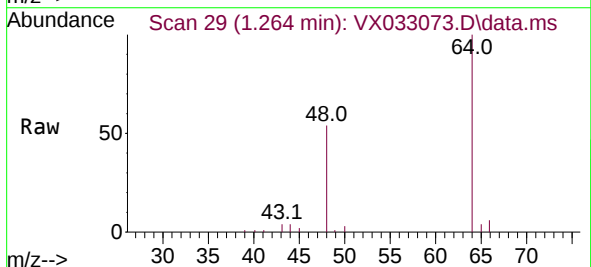
Instrument :
MSVOA_X
ClientSampleId :
MW-45

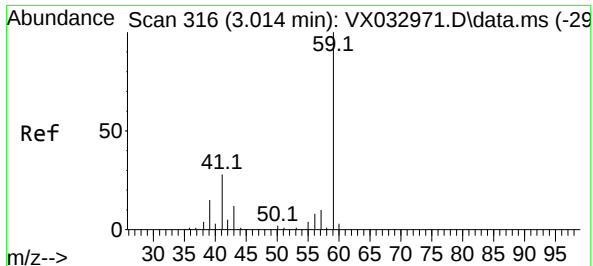
Tgt Ion:168 Resp: 127682
Ion Ratio Lower Upper
168 100
99 56.9 46.1 69.1



#3
Chloromethane
Concen: 0.889 ug/l
RT: 1.264 min Scan# 29
Delta R.T. -0.030 min
Lab File: VX033073.D
Acq: 25 Nov 2022 17:14

Tgt Ion: 50 Resp: 936
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 0.325 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.018 min

Lab File: VX033073.D

Acq: 25 Nov 2022 17:14

Instrument :

MSVOA_X

ClientSampleId :

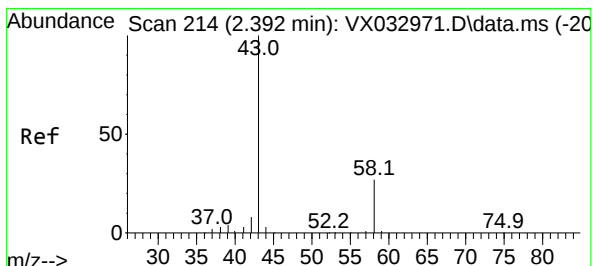
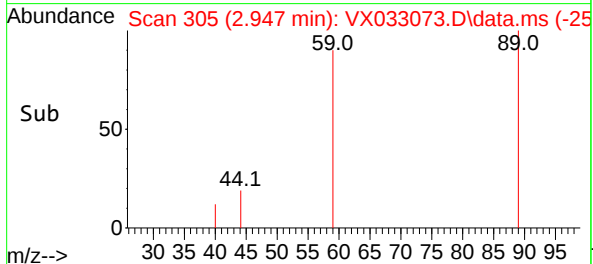
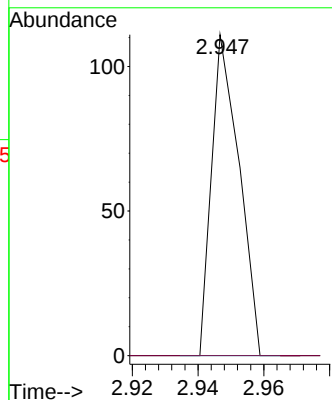
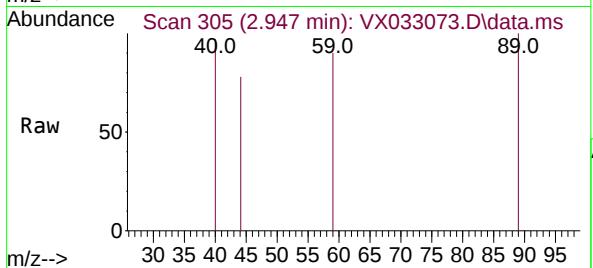
MW-45

Tgt Ion: 59 Resp: 64

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 0.801 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.012 min

Lab File: VX033073.D

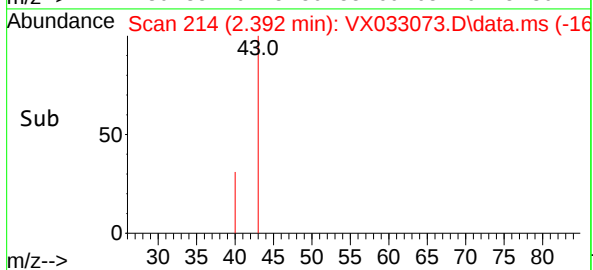
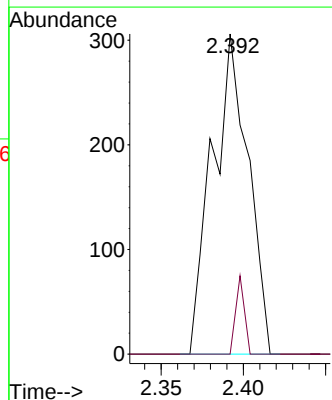
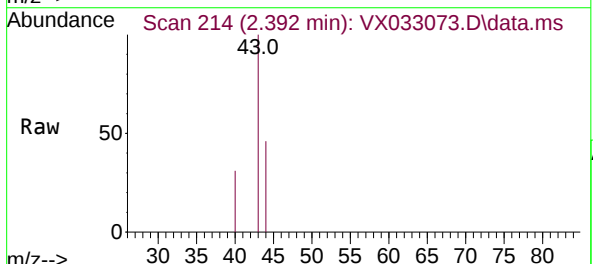
Acq: 25 Nov 2022 17:14

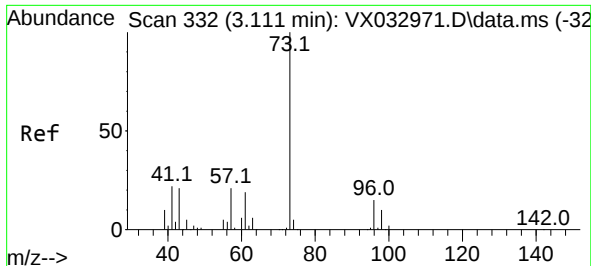
Tgt Ion: 43 Resp: 465

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.8#





#19

Methyl tert-butyl Ether

Concen: 0.442 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX033073.D

Acq: 25 Nov 2022 17:14

Instrument :

MSVOA_X

ClientSampleId :

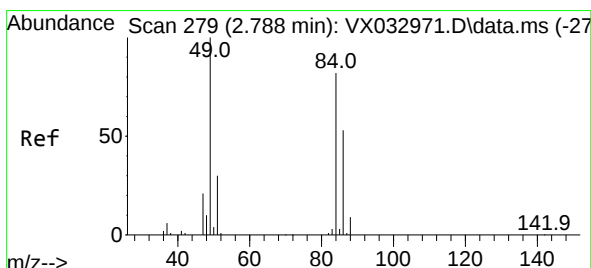
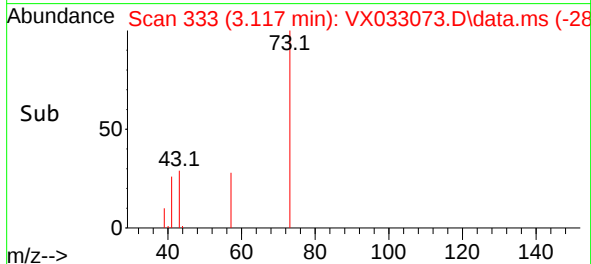
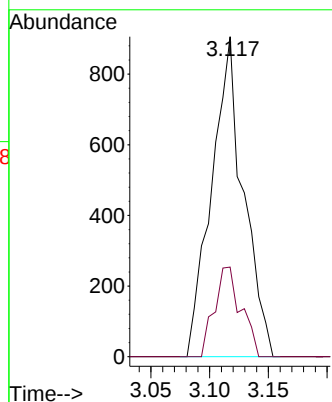
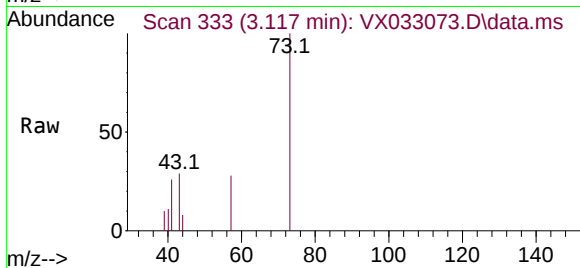
MW-45

Tgt Ion: 73 Resp: 1709

Ion Ratio Lower Upper

73 100

57 28.0 16.6 25.0#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX033073.D

Acq: 25 Nov 2022 17:14

Tgt Ion: 84 Resp: 112

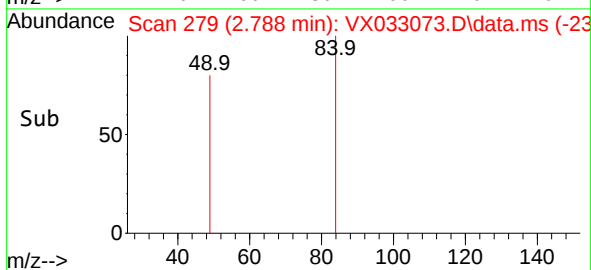
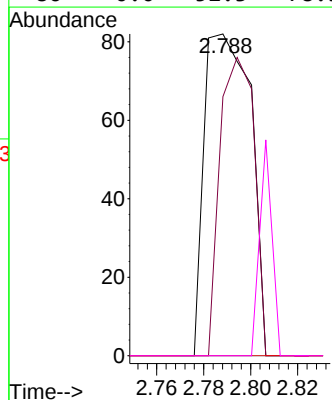
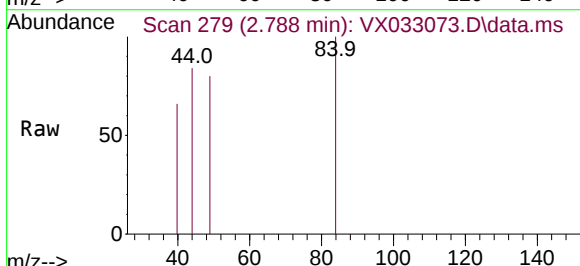
Ion Ratio Lower Upper

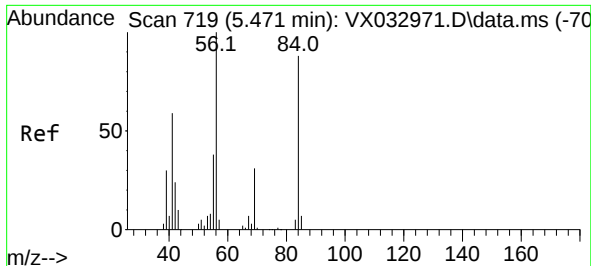
84 100

49 80.5 101.0 151.6#

51 0.0 31.1 46.7#

86 0.0 52.3 78.5#

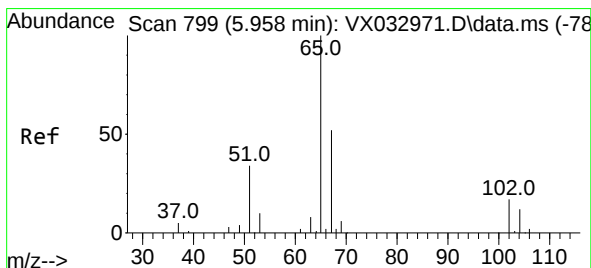
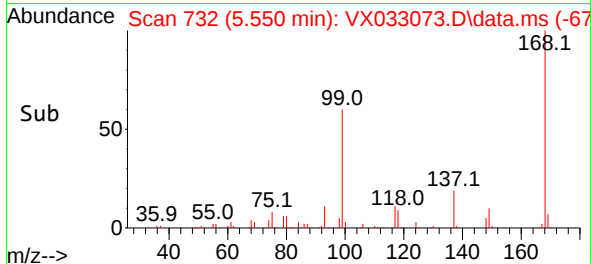
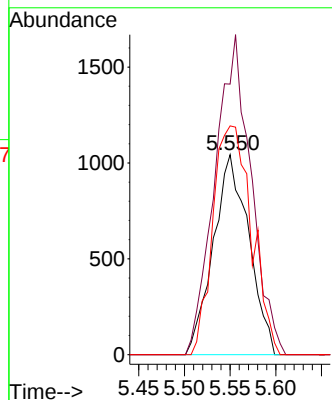
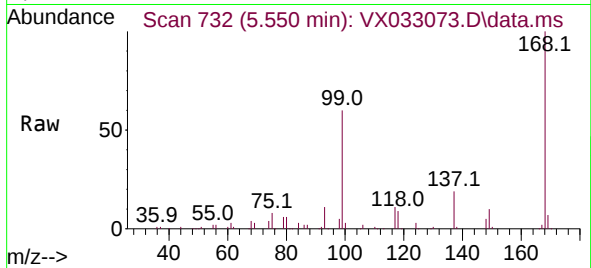




#31
Cyclohexane
Concen: 1.402 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX033073.D
Acq: 25 Nov 2022 17:14

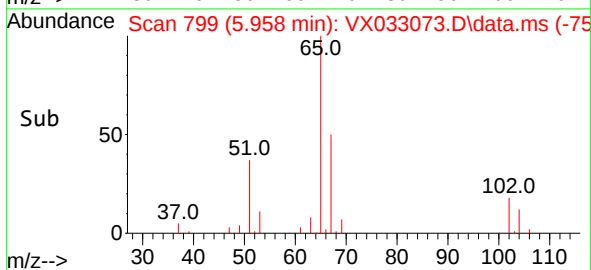
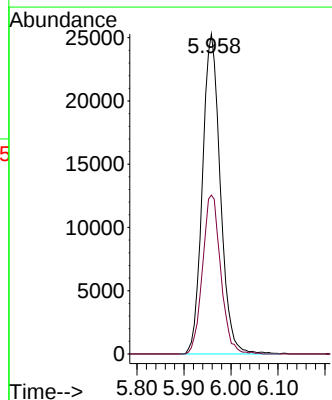
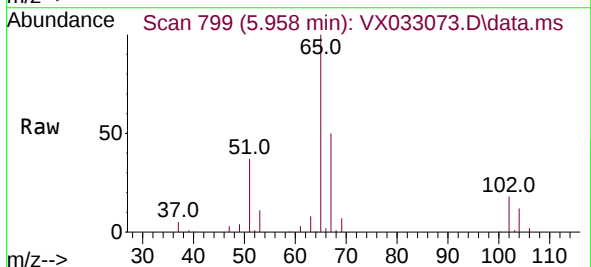
Instrument :
MSVOA_X
ClientSampleId :
MW-45

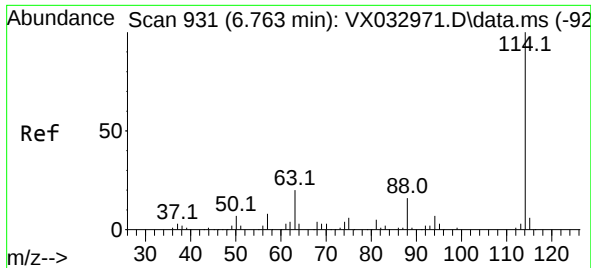
Tgt Ion: 56 Resp: 2824
Ion Ratio Lower Upper
56 100
69 135.3 24.1 36.1#
84 114.4 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 53.940 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033073.D
Acq: 25 Nov 2022 17:14

Tgt Ion: 65 Resp: 66990
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.8

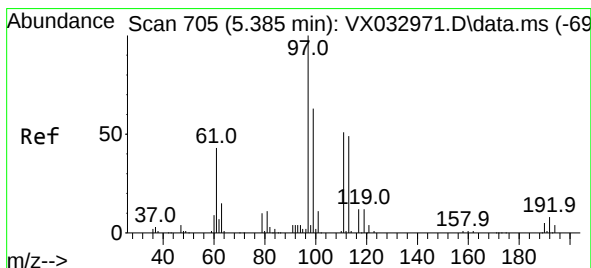
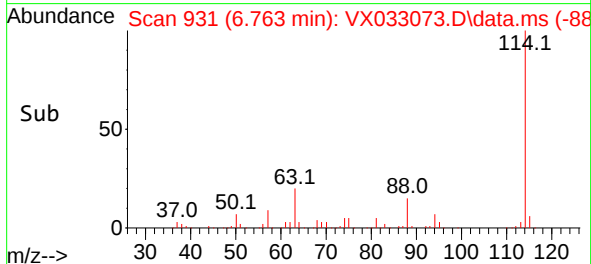
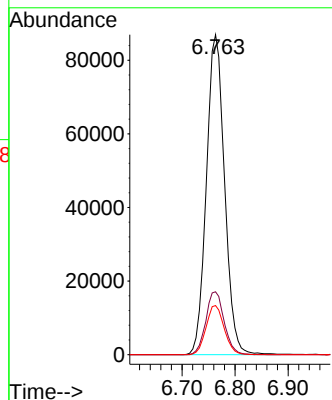
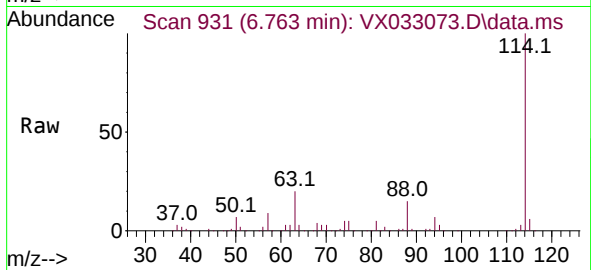




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX033073.D
Acq: 25 Nov 2022 17:14

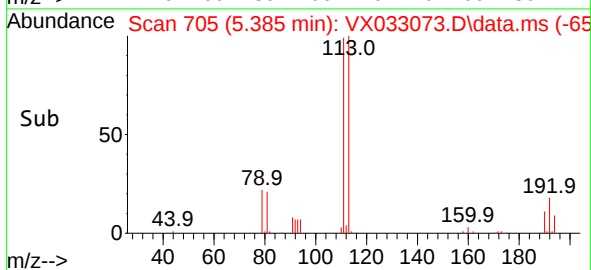
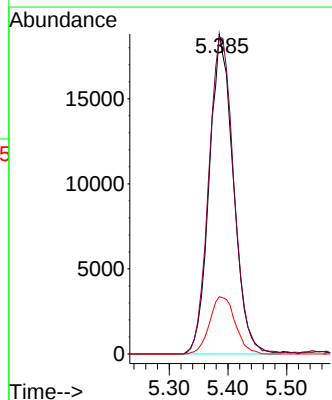
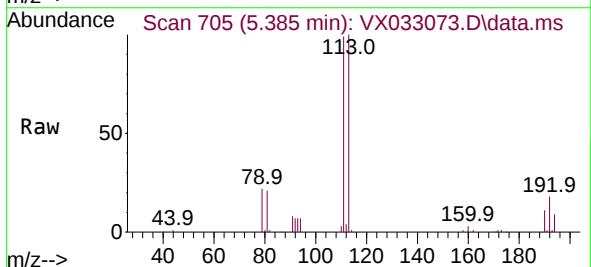
Instrument :
MSVOA_X
ClientSampleId :
MW-45

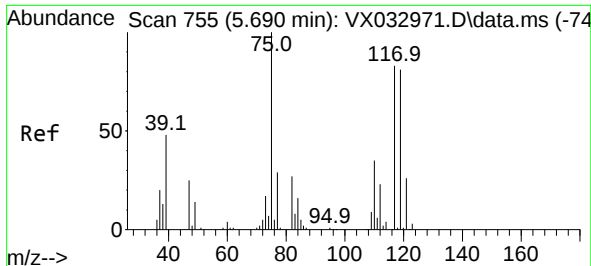
Tgt Ion:114 Resp: 207016
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.6
88 15.4 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.778 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033073.D
Acq: 25 Nov 2022 17:14

Tgt Ion:113 Resp: 53426
Ion Ratio Lower Upper
113 100
111 103.8 82.4 123.6
192 19.1 15.4 23.2





#36

1,1-Dichloropropene

Concen: 5.449 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX033073.D

Acq: 25 Nov 2022 17:14

Instrument :

MSVOA_X

ClientSampleId :

MW-45

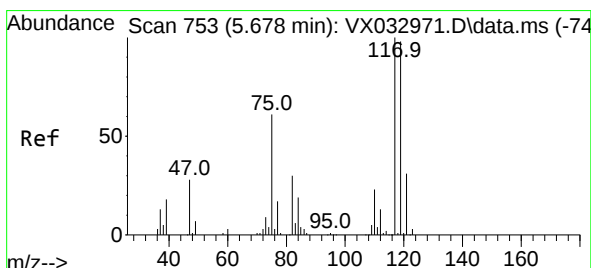
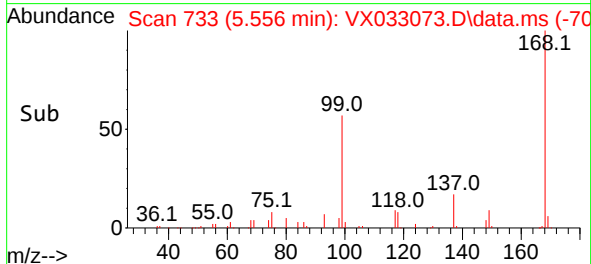
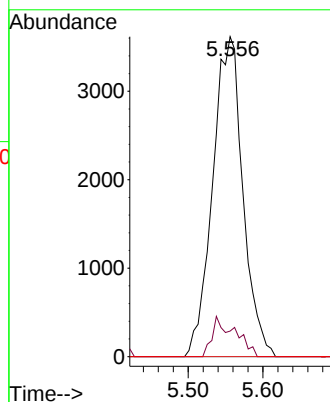
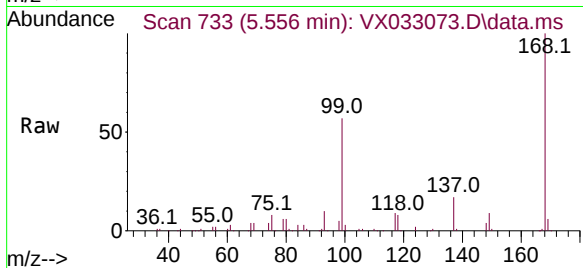
Tgt Ion: 75 Resp: 10168

Ion Ratio Lower Upper

75 100

110 9.6 18.4 55.2#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.328 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX033073.D

Acq: 25 Nov 2022 17:14

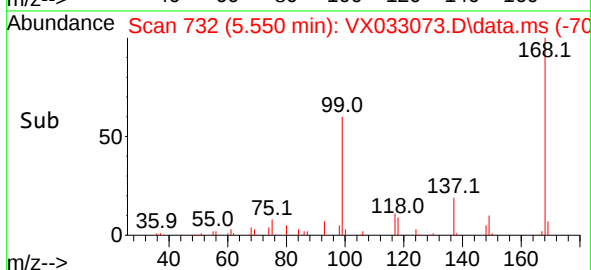
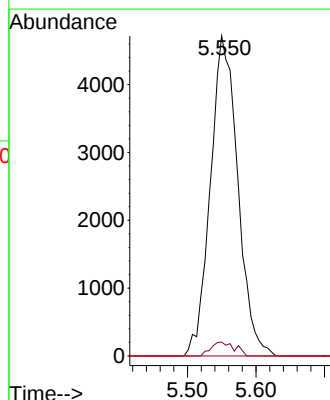
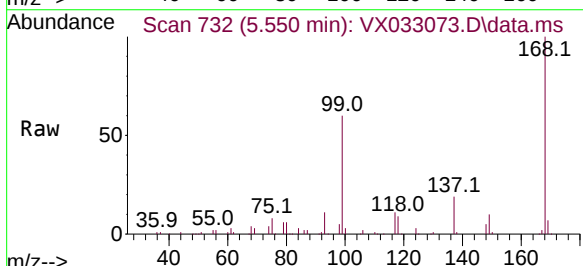
Tgt Ion: 117 Resp: 13099

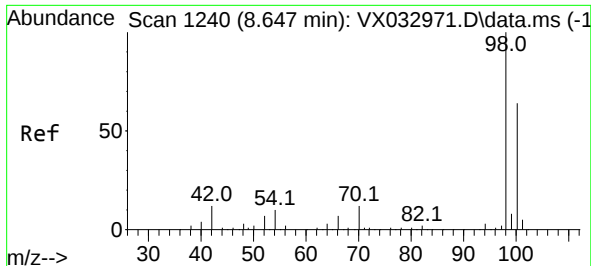
Ion Ratio Lower Upper

117 100

119 4.3 77.2 115.8#

121 0.0 25.8 38.6#

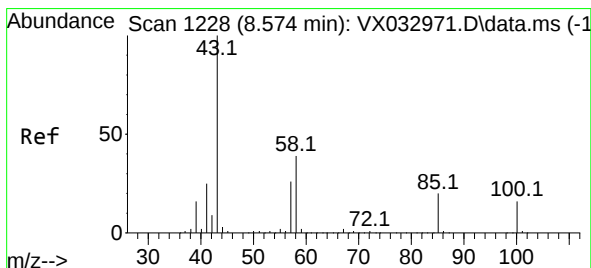
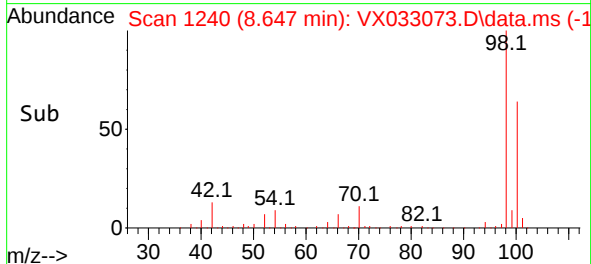
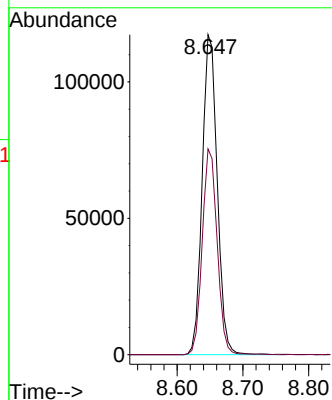
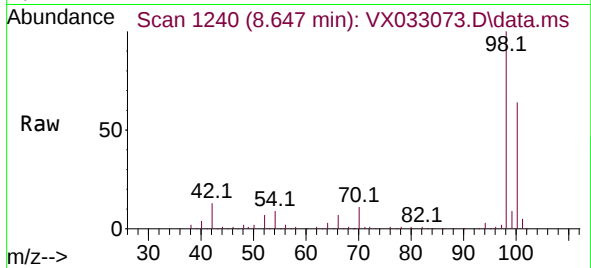




#50
Toluene-d8
Concen: 53.150 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033073.D
Acq: 25 Nov 2022 17:14

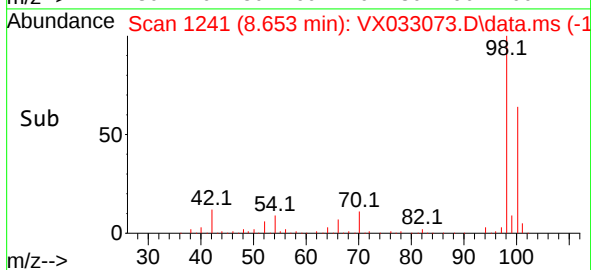
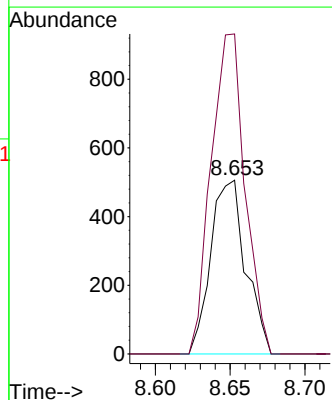
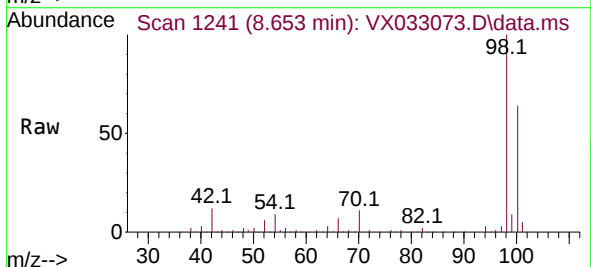
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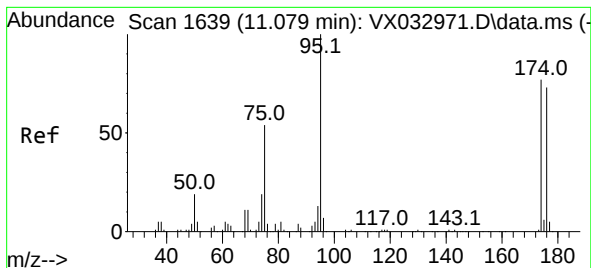
Tgt Ion: 98 Resp: 186161
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.496 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX033073.D
Acq: 25 Nov 2022 17:14

Tgt Ion: 43 Resp: 824
Ion Ratio Lower Upper
43 100
58 179.0 30.9 46.3#

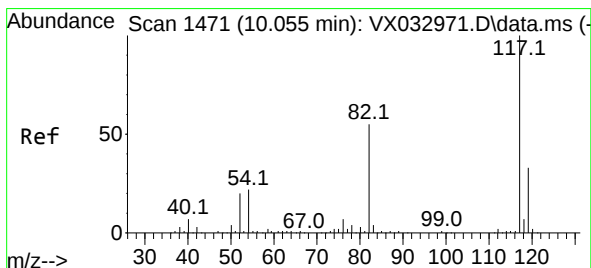
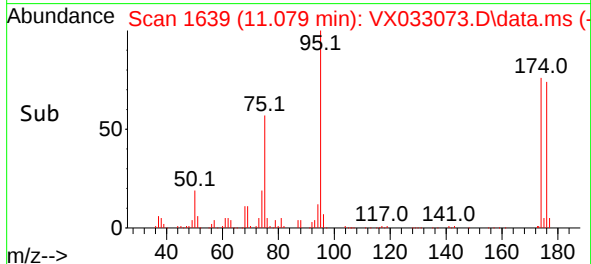
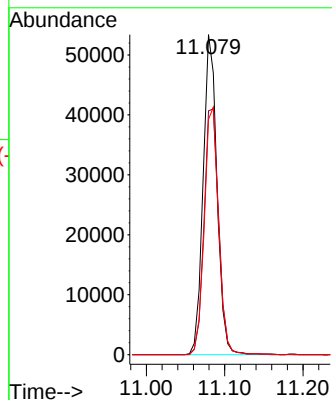
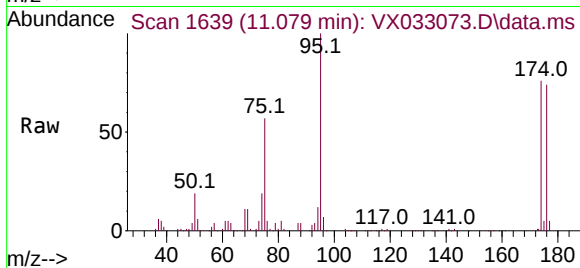




#62
4-Bromofluorobenzene
Concen: 42.794 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033073.D
Acq: 25 Nov 2022 17:14

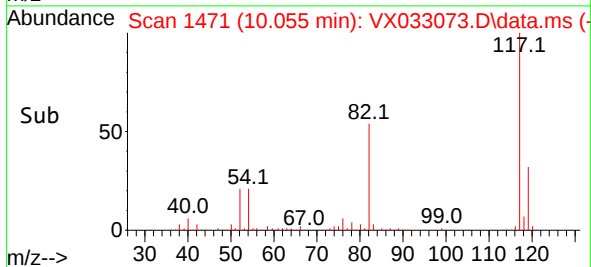
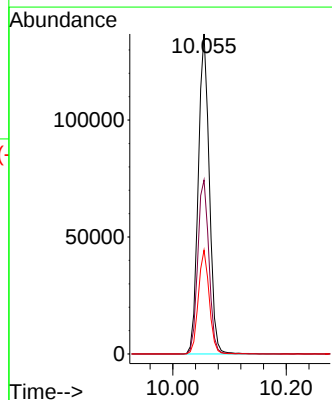
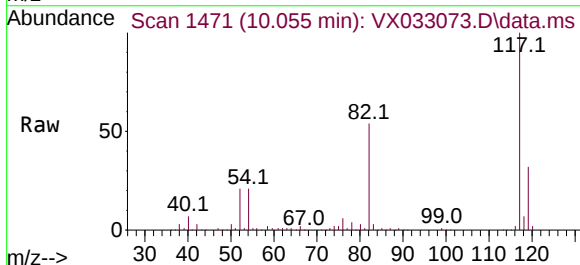
Instrument :
MSVOA_X
ClientSampleId :
MW-45

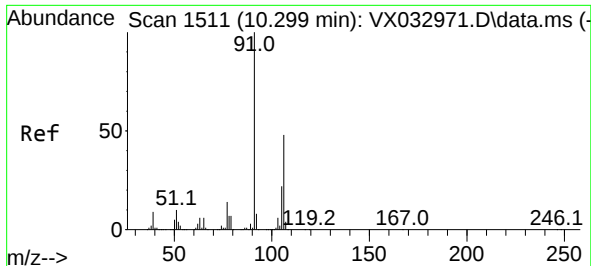
Tgt Ion: 95 Resp: 65606
Ion Ratio Lower Upper
95 100
174 81.7 0.0 164.0
176 79.8 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033073.D
Acq: 25 Nov 2022 17:14

Tgt Ion: 117 Resp: 184548
Ion Ratio Lower Upper
117 100
82 54.3 44.3 66.5
119 32.5 25.7 38.5

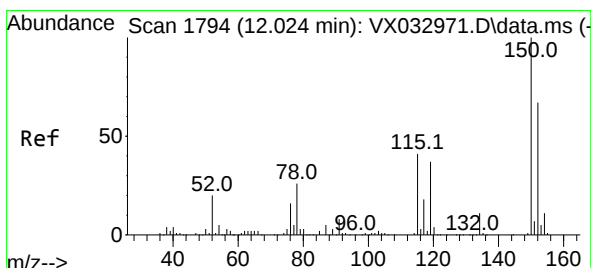
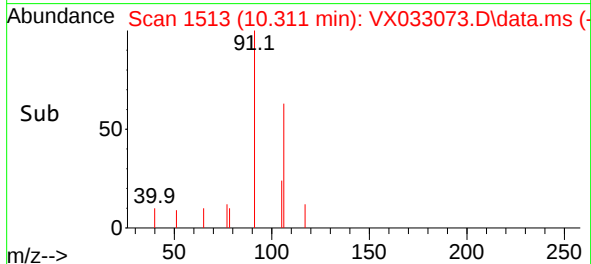
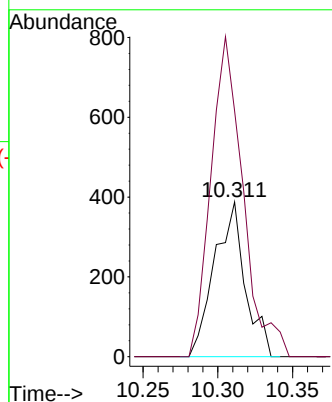
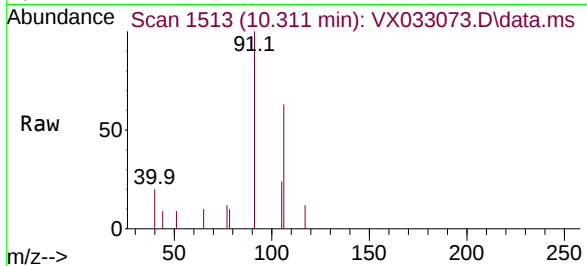




#68
m/p-Xylenes
Concen: 0.217 ug/l
RT: 10.311 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX033073.D
Acq: 25 Nov 2022 17:14

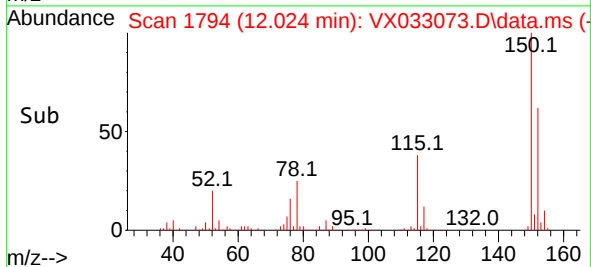
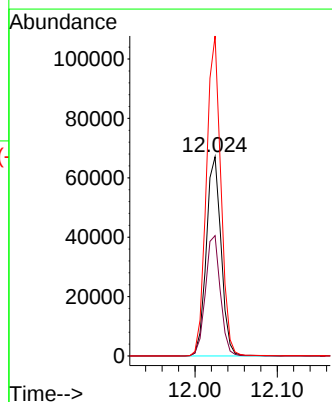
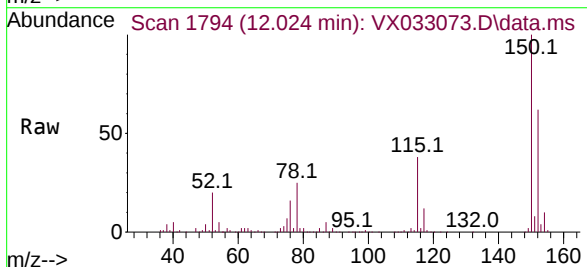
Instrument :
MSVOA_X
ClientSampleId :
MW-45

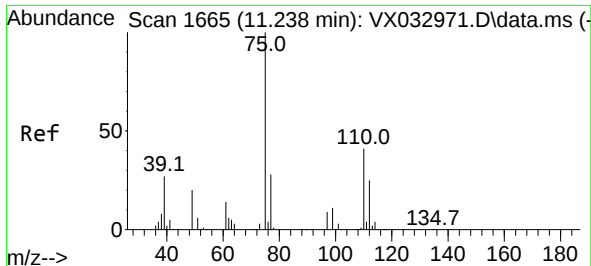
Tgt Ion:106 Resp: 555
Ion Ratio Lower Upper
106 100
91 215.7 164.5 246.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033073.D
Acq: 25 Nov 2022 17:14

Tgt Ion:152 Resp: 83810
Ion Ratio Lower Upper
152 100
115 60.9 44.0 132.0
150 157.6 0.0 351.8

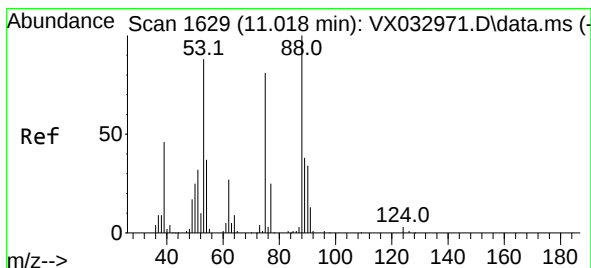
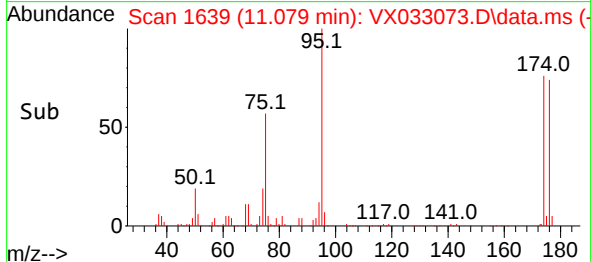
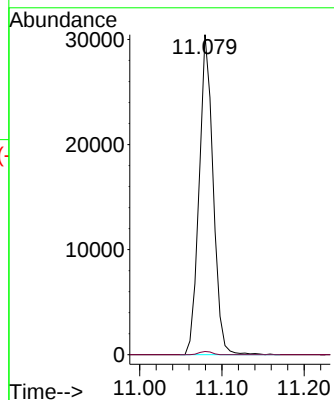
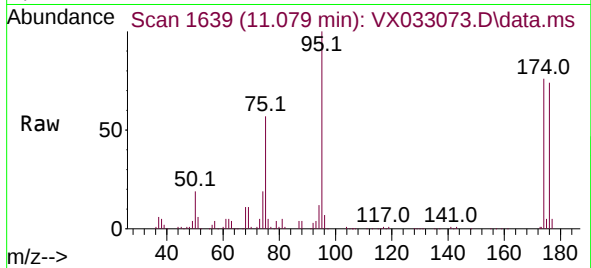




#76
1,2,3-Trichloropropane
Concen: 22.738 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033073.D
Acq: 25 Nov 2022 17:14

Instrument :
MSVOA_X
ClientSampleId :
MW-45

Tgt Ion: 75 Resp: 36090
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.908 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033073.D
Acq: 25 Nov 2022 17:14

Tgt Ion: 75 Resp: 36090
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

