

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062623\
 Data File : VX036329.D
 Acq On : 26 Jun 2023 14:46
 Operator : JC/MD
 Sample : 03339-06DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12DL

Quant Time: Jun 27 04:23:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

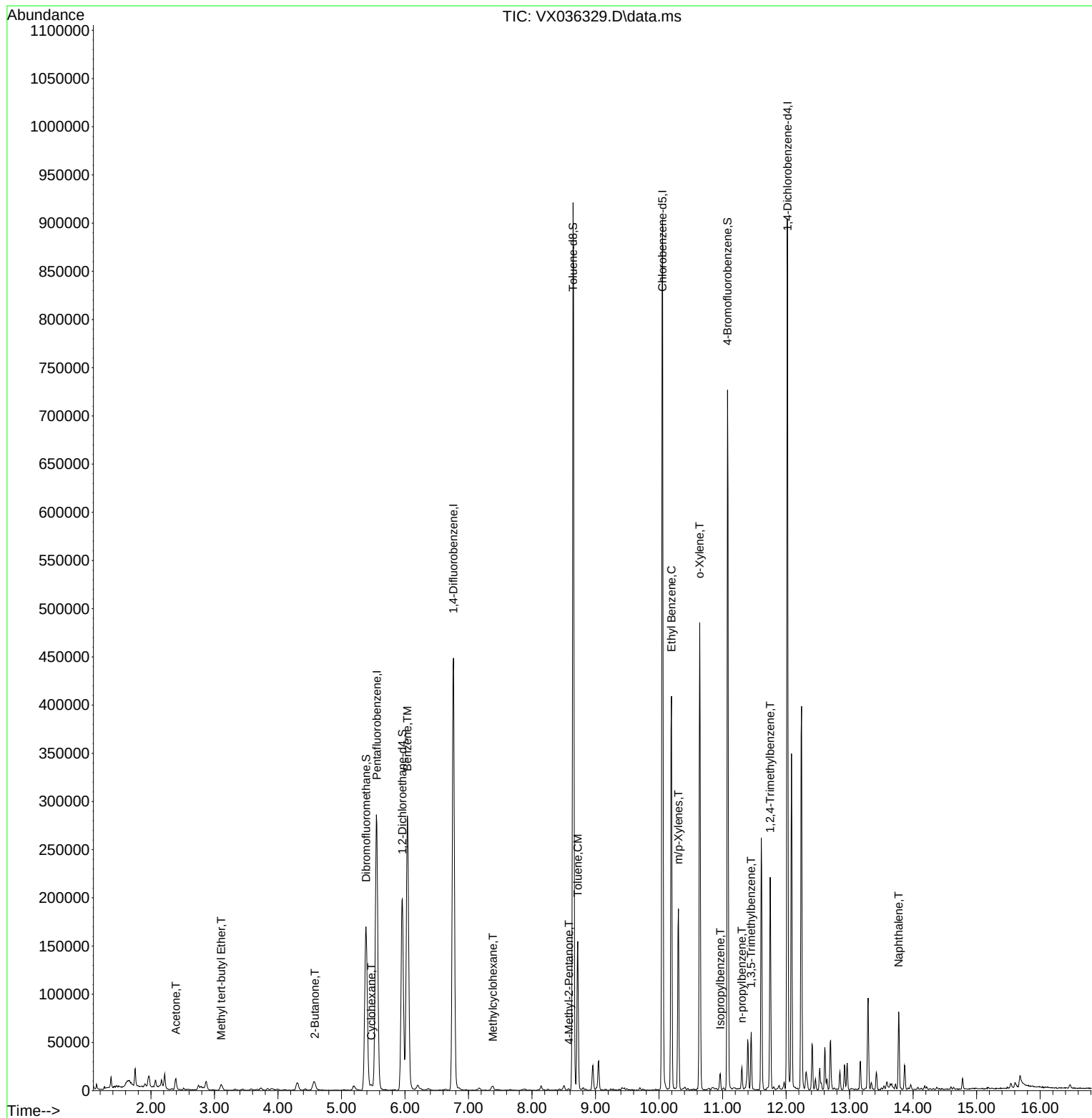
Internal Standards						
1) Pentafluorobenzene	5.556	168	267750	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	457913	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	400314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	182152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	193609	50.445	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.900%		
35) Dibromofluoromethane	5.385	113	150609	49.881	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.760%		
50) Toluene-d8	8.647	98	547385	48.539	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.080%		
62) 4-Bromofluorobenzene	11.079	95	187585	47.224	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 94.440%		
Target Compounds						
						Qvalue
16) Acetone	2.392	43	14541	8.864	ug/l	92
19) Methyl tert-butyl Ether	3.105	73	3728	0.379	ug/l	# 12
25) 2-Butanone	4.580	43	4825	2.047	ug/l	# 79
31) Cyclohexane	5.470	56	3578	0.727	ug/l	94
39) Methylcyclohexane	7.385	83	1967	0.365	ug/l	98
40) Benzene	6.037	78	341035	27.125	ug/l	100
51) 4-Methyl-2-Pentanone	8.580	43	1083	0.230	ug/l	96
52) Toluene	8.720	92	55515	6.967	ug/l	91
67) Ethyl Benzene	10.195	91	235527	15.743	ug/l	99
68) m/p-Xylenes	10.305	106	43024	7.402	ug/l	94
69) o-Xylene	10.640	106	98449	17.540	ug/l	99
73) Isopropylbenzene	10.963	105	8646	0.630	ug/l	94
78) n-propylbenzene	11.305	91	13826	0.862	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	23755	2.043	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	94466	8.214	ug/l	97
95) Naphthalene	13.774	128	49385	3.972	ug/l	99

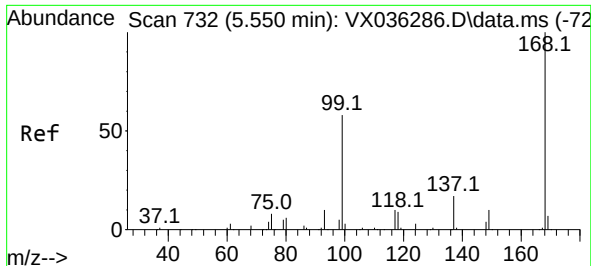
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 27 04:23:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

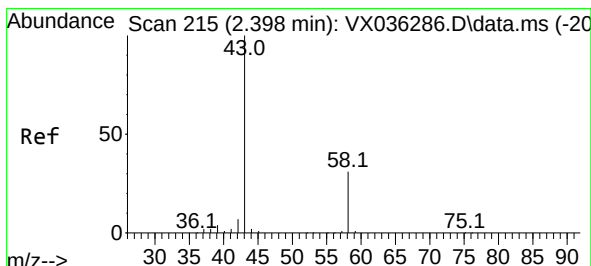
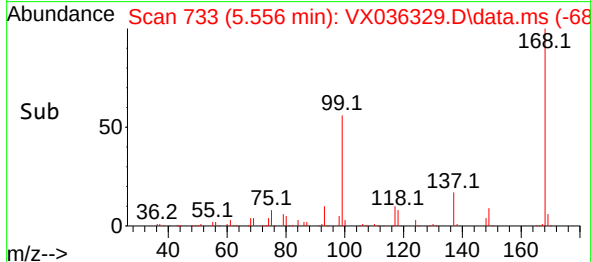
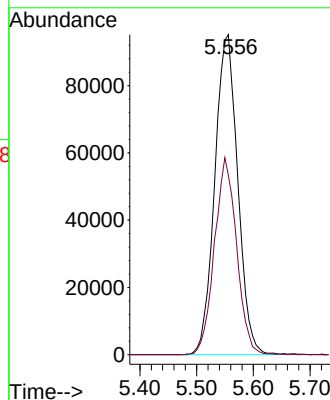
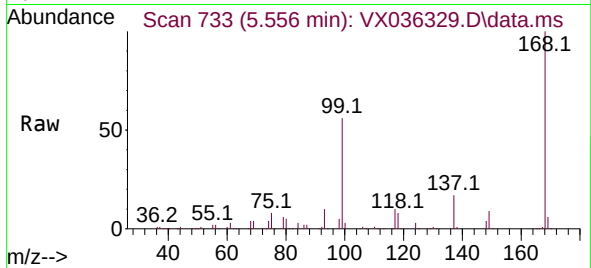




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036329.D
Acq: 26 Jun 2023 14:46

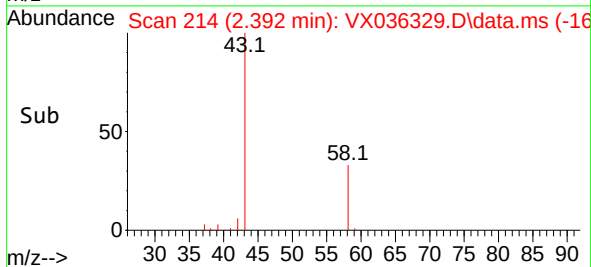
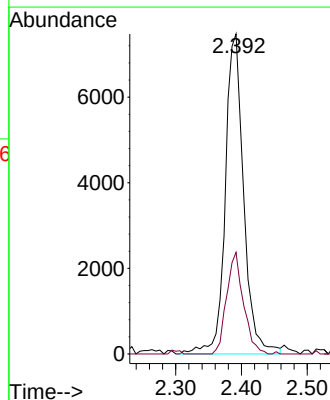
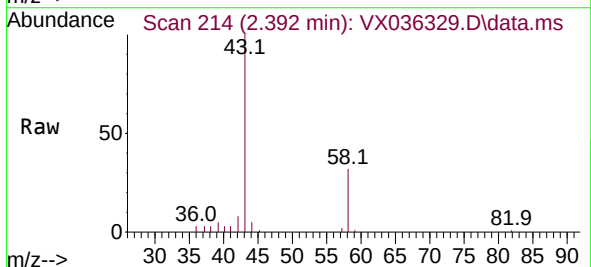
Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

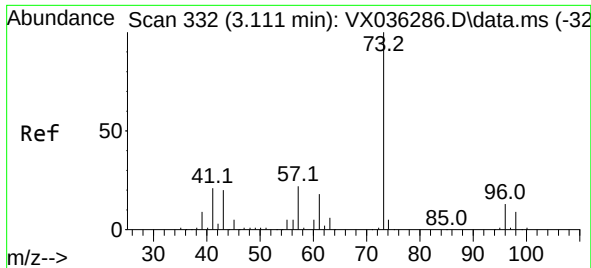
Tgt Ion:168 Resp: 267750
Ion Ratio Lower Upper
168 100
99 56.1 56.6 85.0#



#16
Acetone
Concen: 8.864 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036329.D
Acq: 26 Jun 2023 14:46

Tgt Ion: 43 Resp: 14541
Ion Ratio Lower Upper
43 100
58 31.8 21.9 32.9





#19

Methyl tert-butyl Ether

Concen: 0.379 ug/l

RT: 3.105 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX036329.D

Acq: 26 Jun 2023 14:46

Instrument :

MSVOA_X

ClientSampleId :

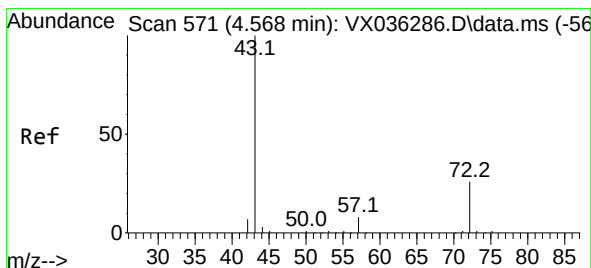
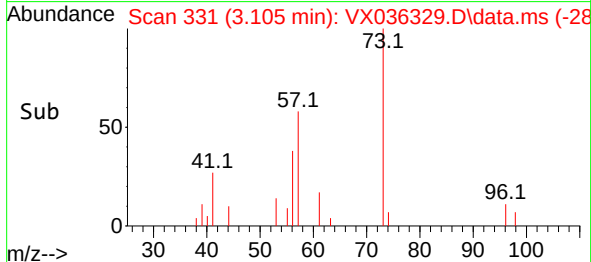
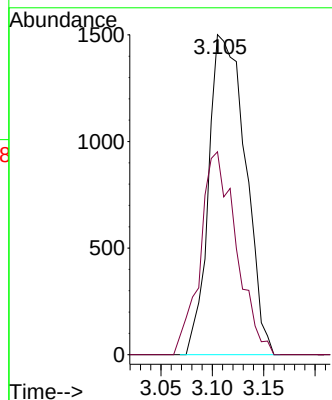
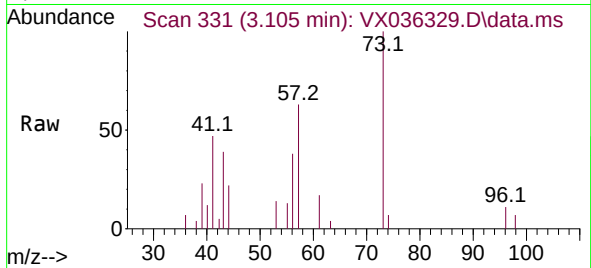
MW-12DL

Tgt Ion: 73 Resp: 3728

Ion Ratio Lower Upper

73 100

57 63.4 17.3 25.9#



#25

2-Butanone

Concen: 2.047 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX036329.D

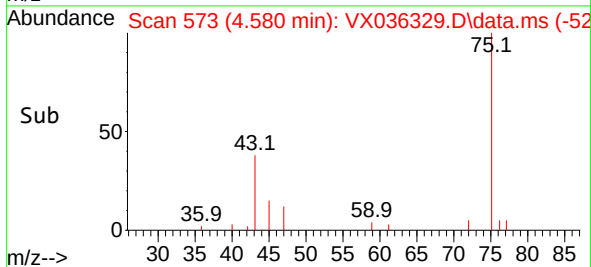
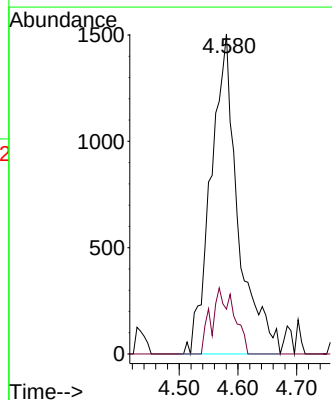
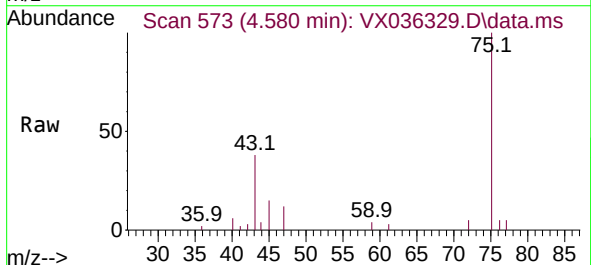
Acq: 26 Jun 2023 14:46

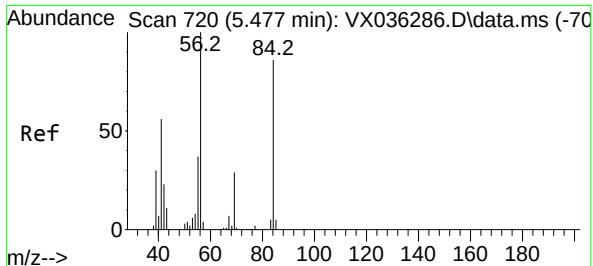
Tgt Ion: 43 Resp: 4825

Ion Ratio Lower Upper

43 100

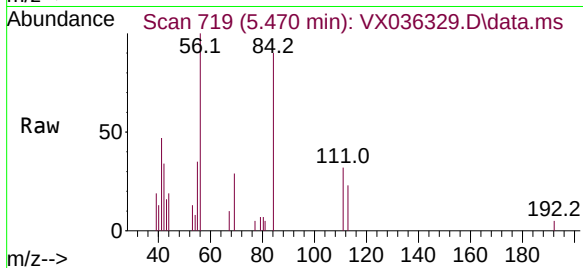
72 14.0 19.4 29.2#



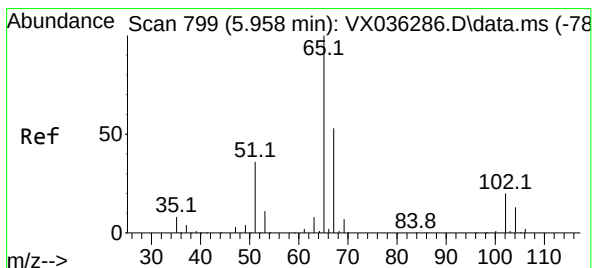
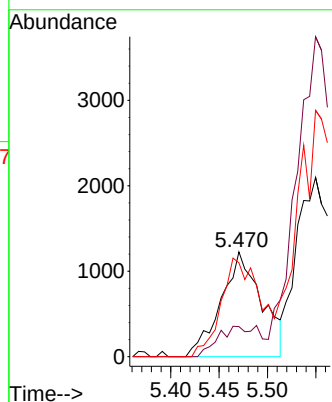
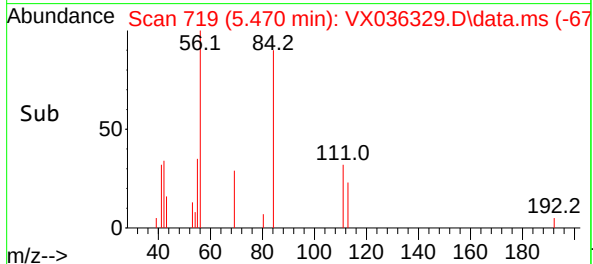


#31
Cyclohexane
Concen: 0.727 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX036329.D
Acq: 26 Jun 2023 14:46

Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

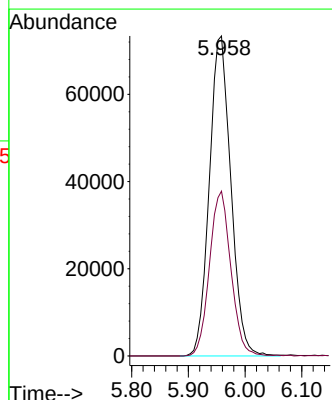
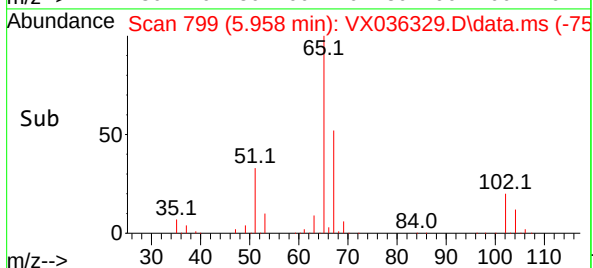
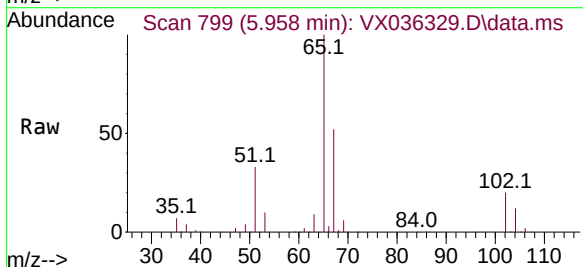


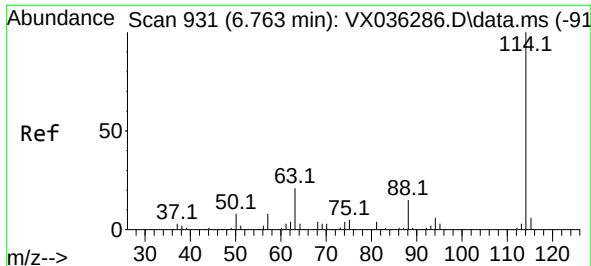
Tgt Ion:	56	Resp:	3578
Ion	Ratio	Lower	Upper
56	100		
69	28.8	23.4	35.2
84	89.6	65.9	98.9



#33
1,2-Dichloroethane-d4
Concen: 50.445 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036329.D
Acq: 26 Jun 2023 14:46

Tgt Ion:	65	Resp:	193609
Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	100.2

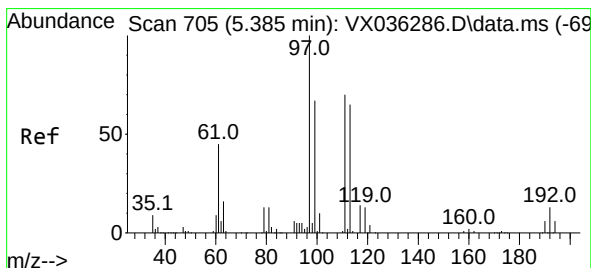
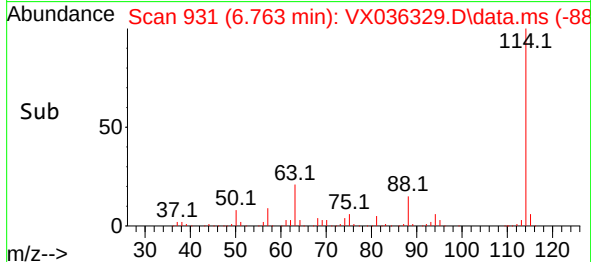
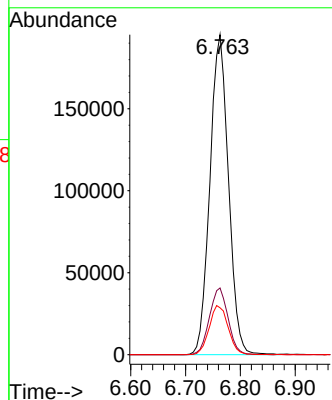
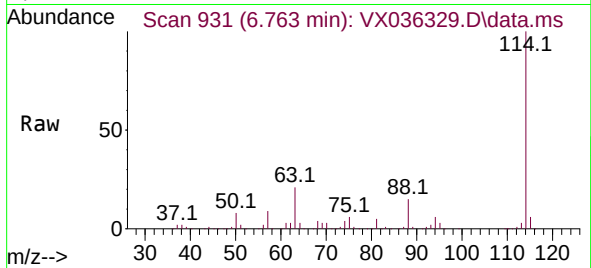




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036329.D
Acq: 26 Jun 2023 14:46

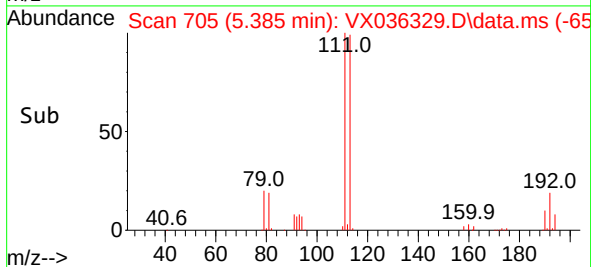
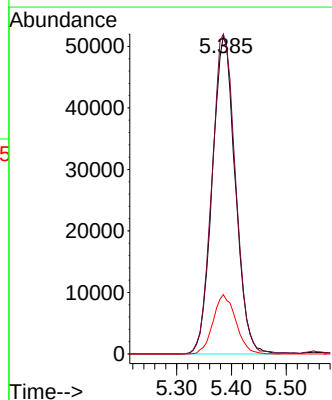
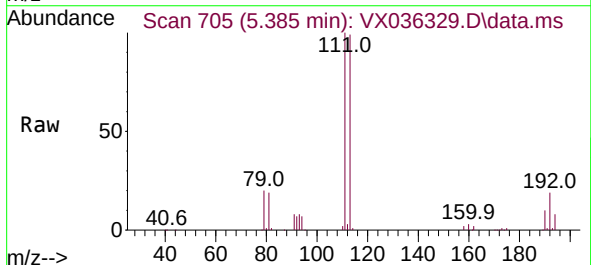
Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

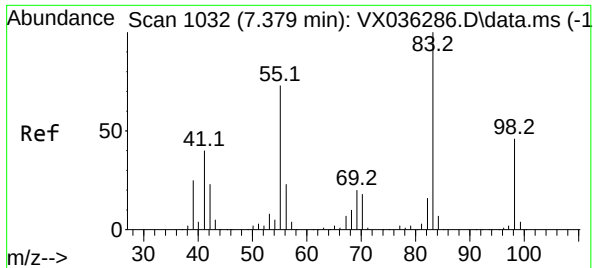
Tgt Ion:114 Resp: 457913
Ion Ratio Lower Upper
114 100
63 20.8 0.0 45.0
88 14.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.881 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036329.D
Acq: 26 Jun 2023 14:46

Tgt Ion:113 Resp: 150609
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 18.4 13.3 19.9

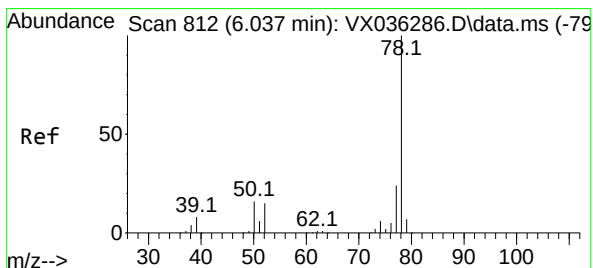
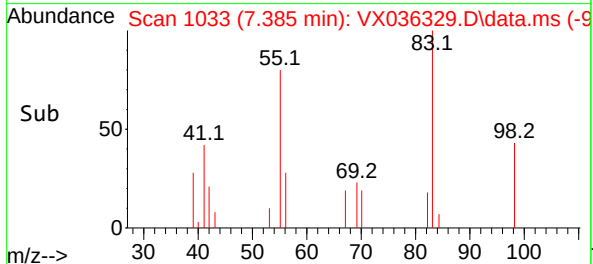
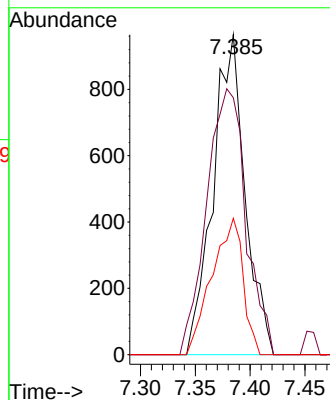
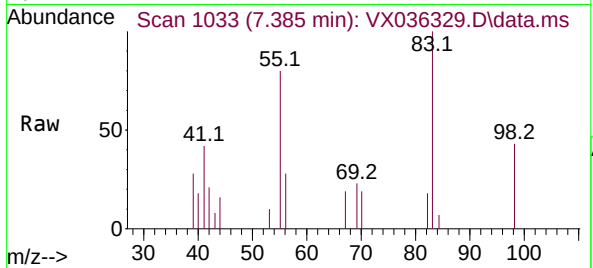




#39
Methylcyclohexane
Concen: 0.365 ug/l
RT: 7.385 min Scan# 10
Delta R.T. 0.007 min
Lab File: VX036329.D
Acq: 26 Jun 2023 14:46

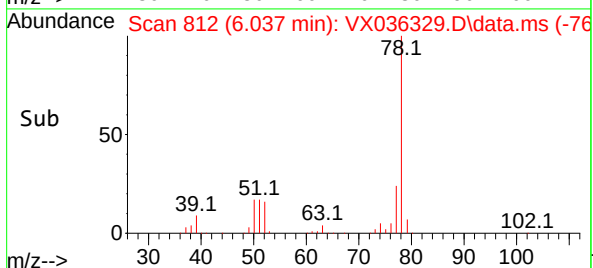
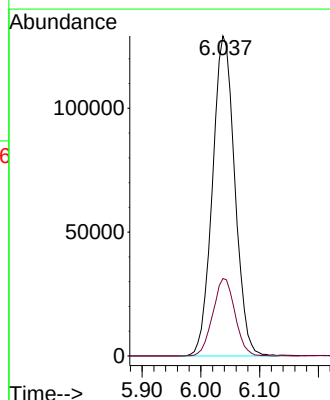
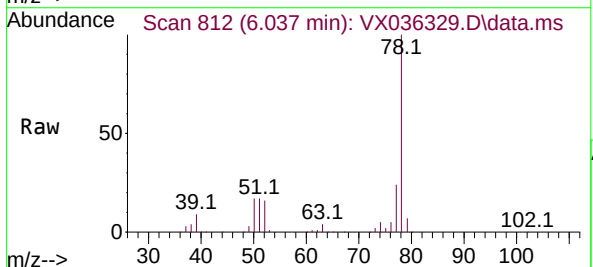
Instrument :
MSVOA_X
ClientSampleId :
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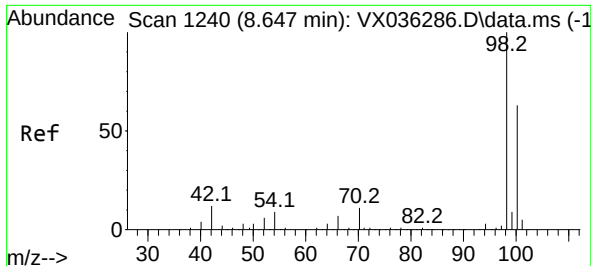
Tgt Ion: 83 Resp: 1967
Ion Ratio Lower Upper
83 100
55 80.3 64.6 97.0
98 42.6 36.7 55.1



#40
Benzene
Concen: 27.125 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036329.D
Acq: 26 Jun 2023 14:46

Tgt Ion: 78 Resp: 341035
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9

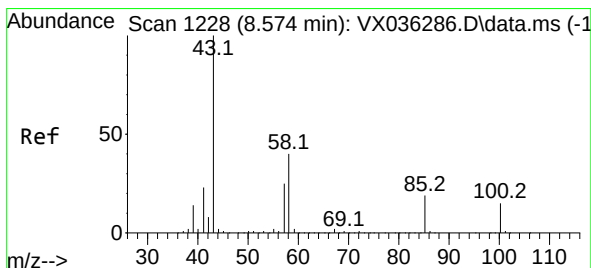
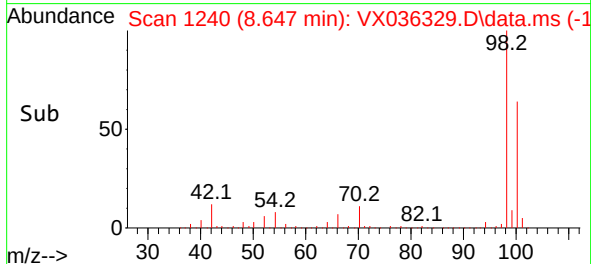
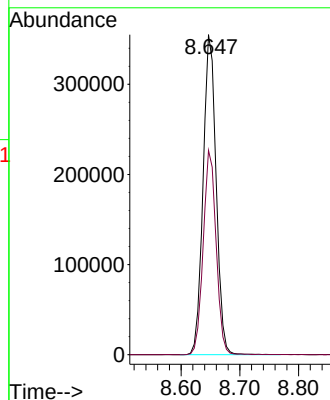
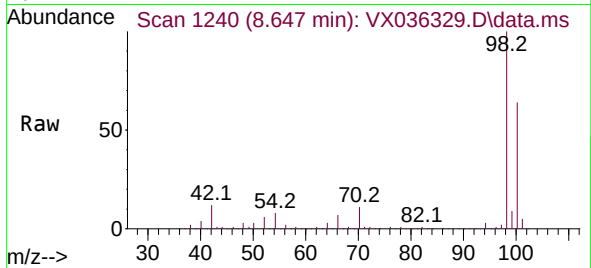




#50
Toluene-d8
Concen: 48.539 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036329.D
Acq: 26 Jun 2023 14:46

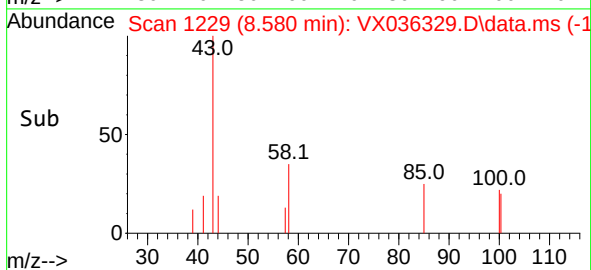
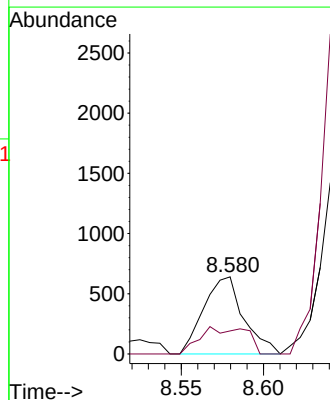
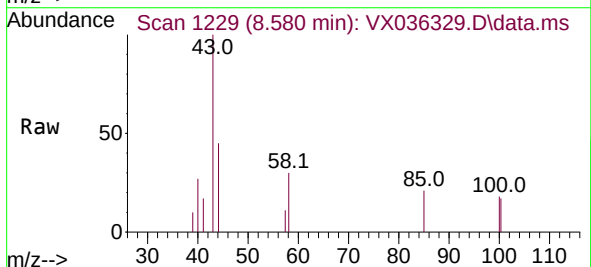
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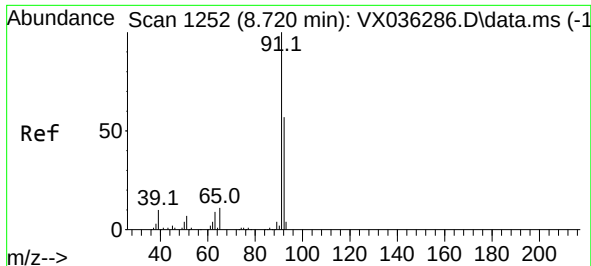
Tgt Ion: 98 Resp: 547385
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.230 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.007 min
Lab File: VX036329.D
Acq: 26 Jun 2023 14:46

Tgt Ion: 43 Resp: 1083
Ion Ratio Lower Upper
43 100
58 40.5 30.4 45.6

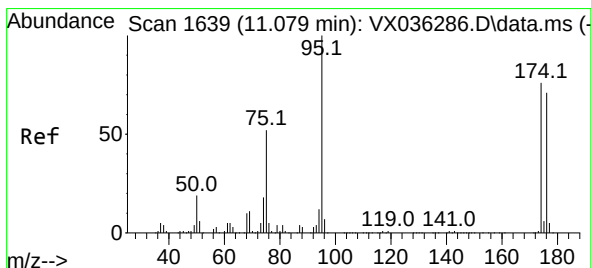
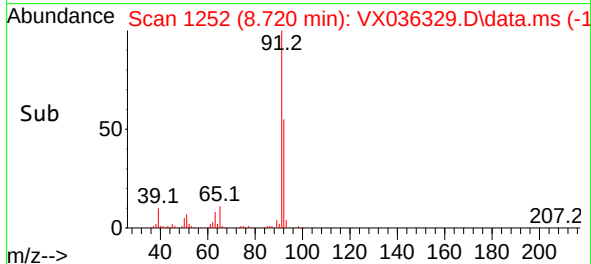
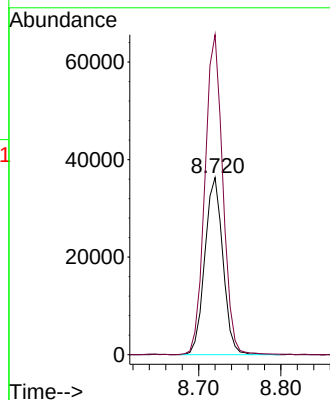
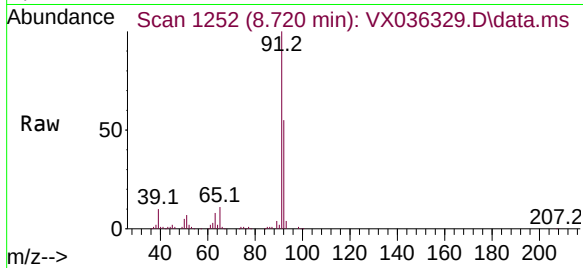




#52
Toluene
Concen: 6.967 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036329.D
Acq: 26 Jun 2023 14:46

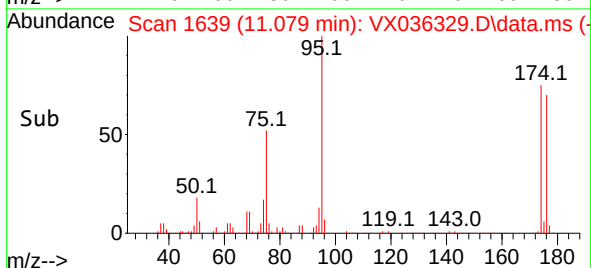
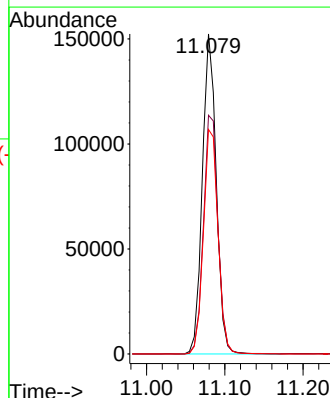
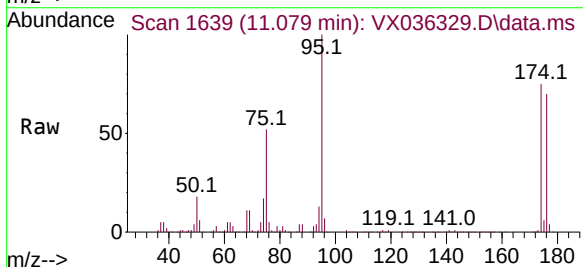
Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

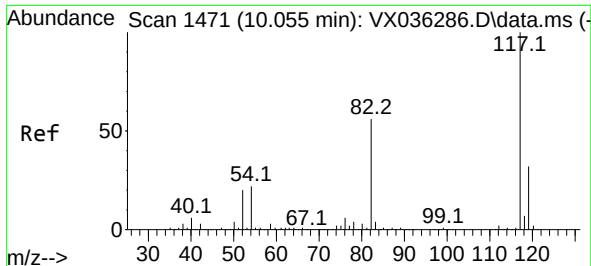
Tgt Ion: 92 Resp: 55515
Ion Ratio Lower Upper
92 100
91 179.3 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 47.224 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036329.D
Acq: 26 Jun 2023 14:46

Tgt Ion: 95 Resp: 187585
Ion Ratio Lower Upper
95 100
174 77.7 0.0 135.6
176 73.8 0.0 131.0

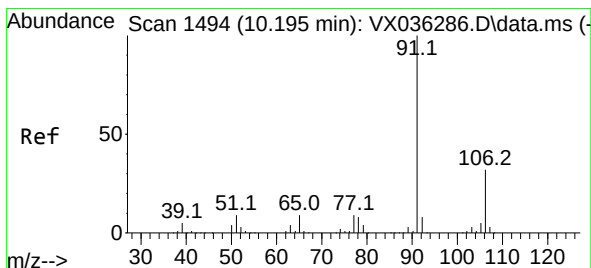
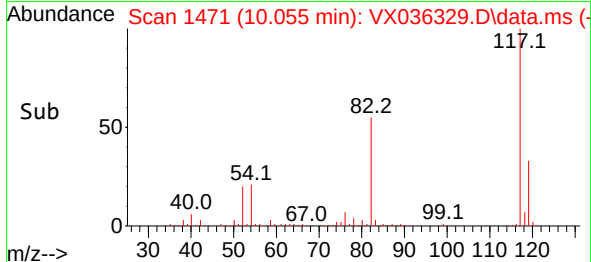
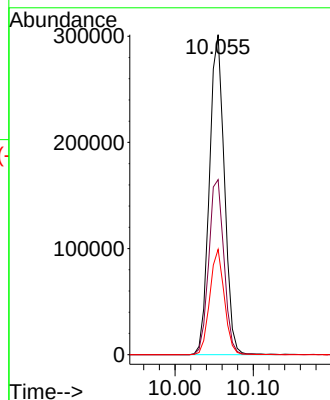
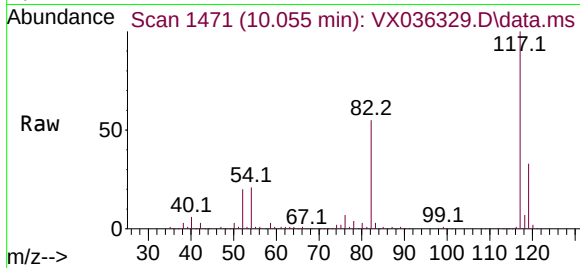




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036329.D
Acq: 26 Jun 2023 14:46

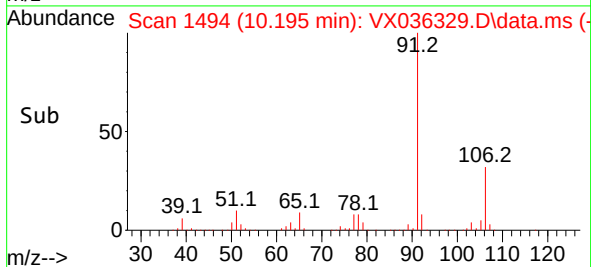
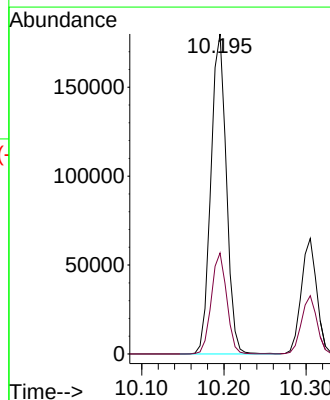
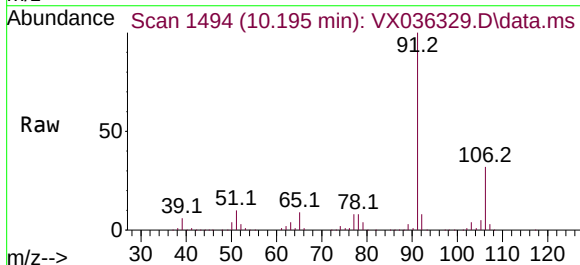
Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

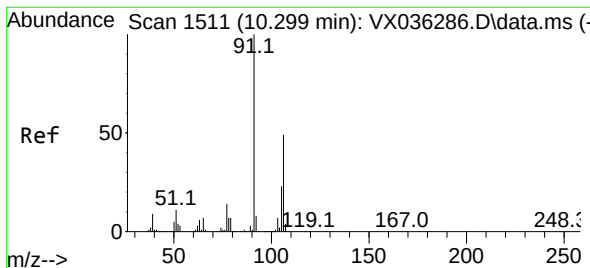
Tgt Ion:117 Resp: 400314
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 32.9 25.5 38.3



#67
Ethyl Benzene
Concen: 15.743 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036329.D
Acq: 26 Jun 2023 14:46

Tgt Ion: 91 Resp: 235527
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3





#68

m/p-Xylenes

Concen: 7.402 ug/l

RT: 10.305 min Scan# 1511

Delta R.T. 0.006 min

Lab File: VX036329.D

Acq: 26 Jun 2023 14:46

Instrument :

MSVOA_X

ClientSampleId :

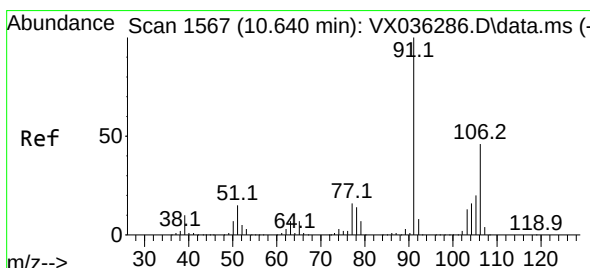
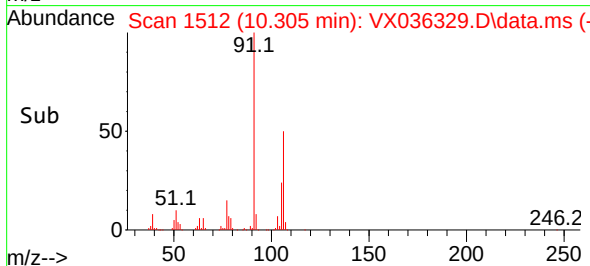
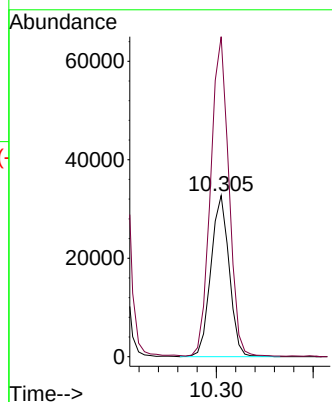
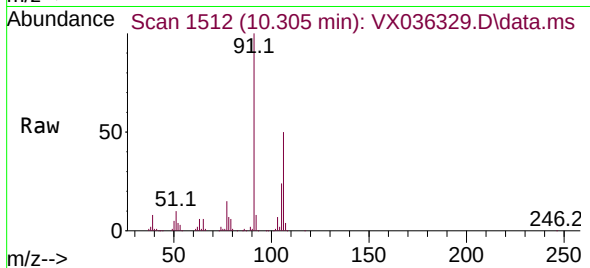
MW-12DL

Tgt Ion:106 Resp: 43024

Ion Ratio Lower Upper

106 100

91 197.7 165.5 248.3



#69

o-Xylene

Concen: 17.540 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX036329.D

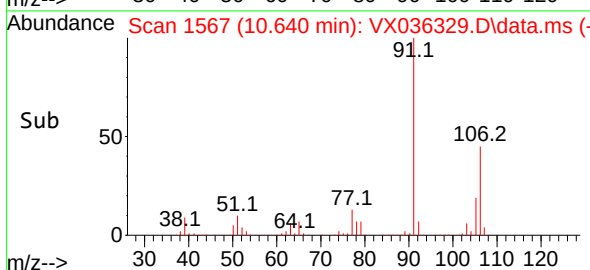
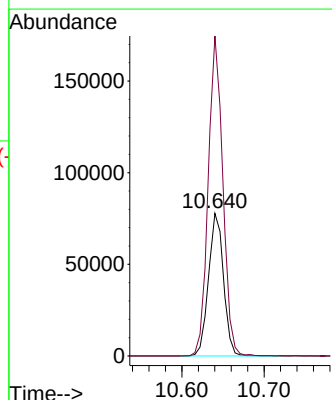
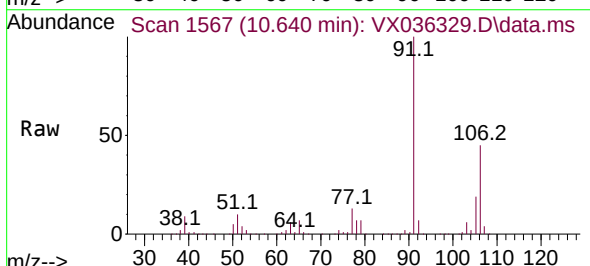
Acq: 26 Jun 2023 14:46

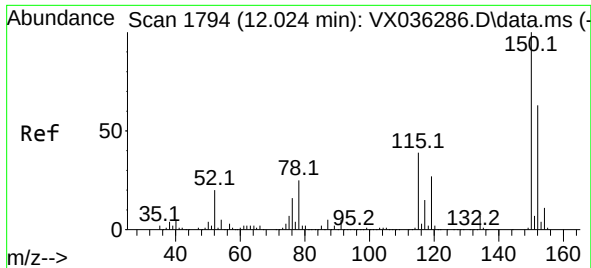
Tgt Ion:106 Resp: 98449

Ion Ratio Lower Upper

106 100

91 219.6 108.9 326.8

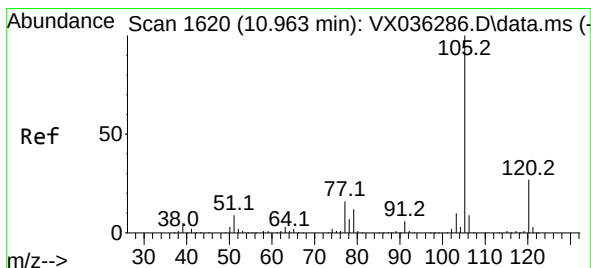
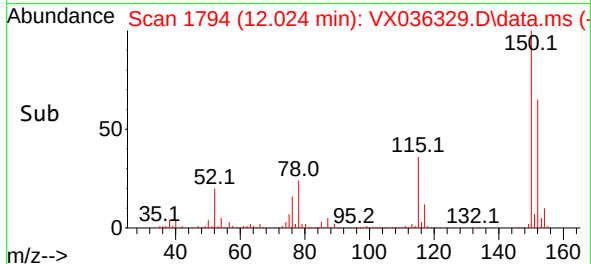
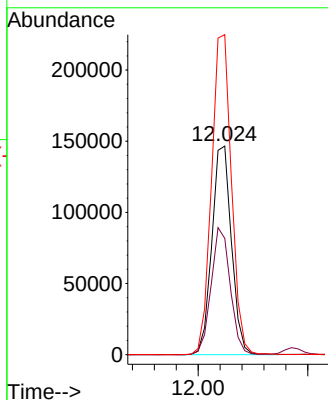
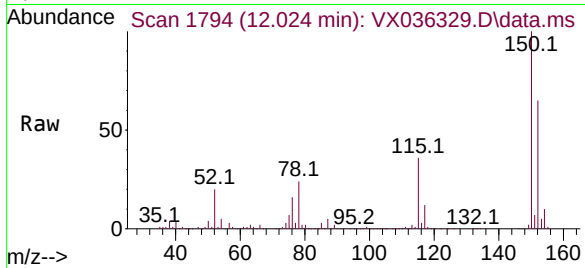




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX036329.D
 Acq: 26 Jun 2023 14:46

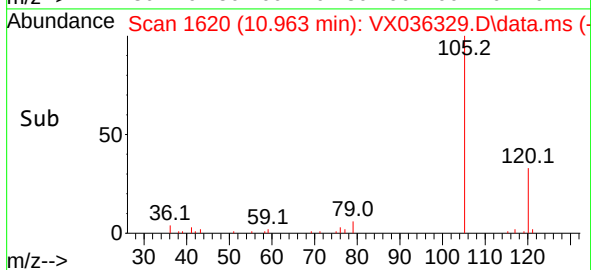
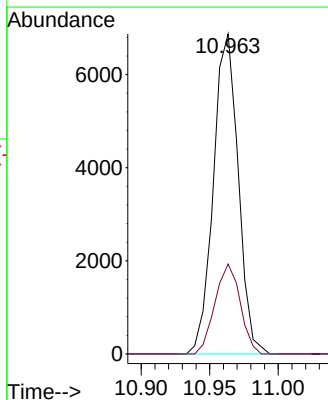
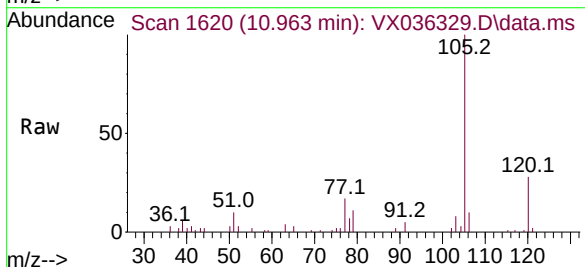
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12DL

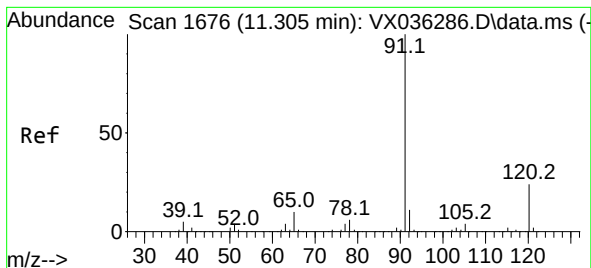
Tgt Ion:152 Resp: 182152
 Ion Ratio Lower Upper
 152 100
 115 59.5 43.3 129.9
 150 156.0 0.0 345.0



#73
 Isopropylbenzene
 Concen: 0.630 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VX036329.D
 Acq: 26 Jun 2023 14:46

Tgt Ion:105 Resp: 8646
 Ion Ratio Lower Upper
 105 100
 120 28.5 12.9 38.6





#78

n-propylbenzene

Concen: 0.862 ug/l

RT: 11.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX036329.D

Acq: 26 Jun 2023 14:46

Instrument :

MSVOA_X

ClientSampleId :

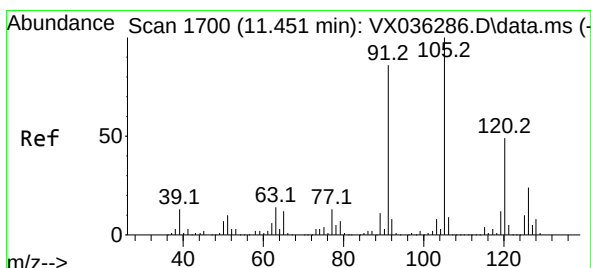
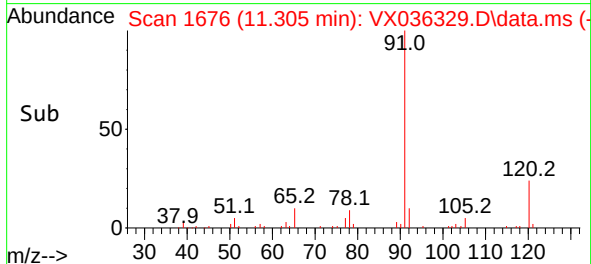
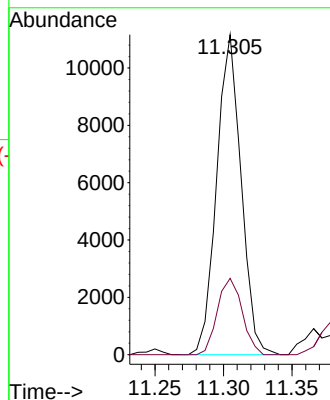
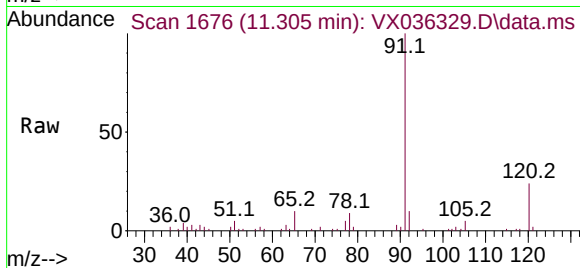
MW-12DL

Tgt Ion: 91 Resp: 13826

Ion Ratio Lower Upper

91 100

120 24.1 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 2.043 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX036329.D

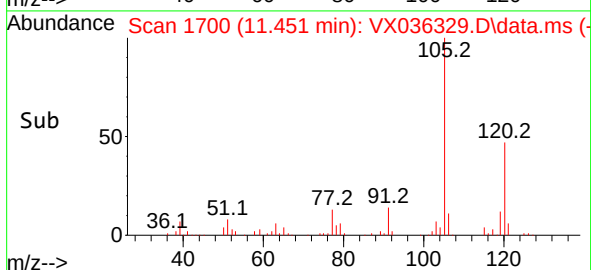
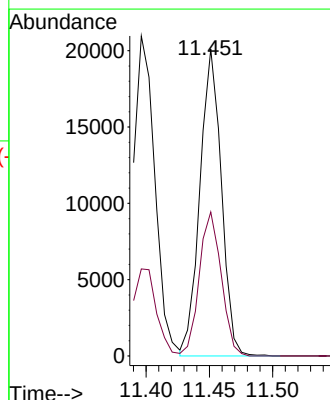
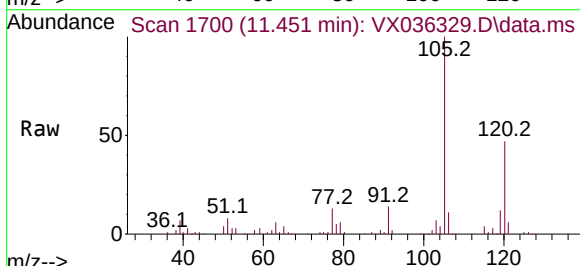
Acq: 26 Jun 2023 14:46

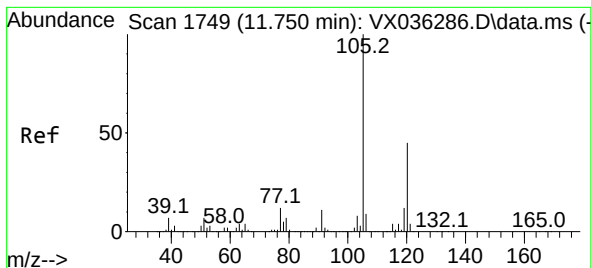
Tgt Ion: 105 Resp: 23755

Ion Ratio Lower Upper

105 100

120 48.0 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 8.214 ug/l

RT: 11.750 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX036329.D

Acq: 26 Jun 2023 14:46

Instrument :

MSVOA_X

ClientSampleId :

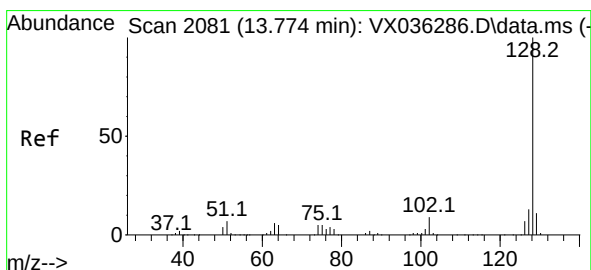
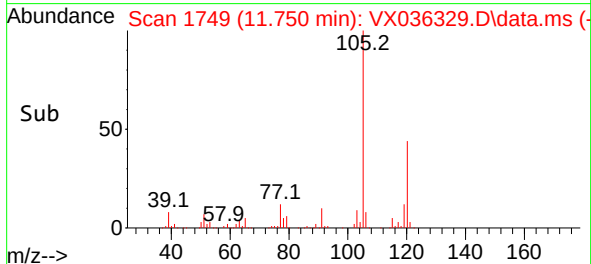
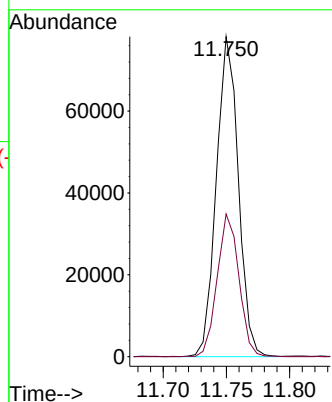
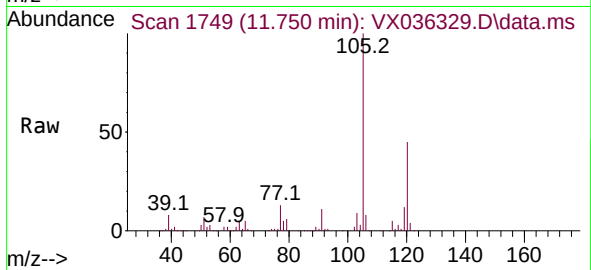
MW-12DL

Tgt Ion:105 Resp: 94466

Ion Ratio Lower Upper

105 100

120 44.1 21.2 63.6



#95

Naphthalene

Concen: 3.972 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX036329.D

Acq: 26 Jun 2023 14:46

Tgt Ion:128 Resp: 49385

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 11.4 8.8 13.2

