

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030122\
 Data File : VX027248.D
 Acq On : 01 Mar 2022 15:06
 Operator : JC/MD
 Sample : N1688-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-29

Quant Time: Mar 02 00:35:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

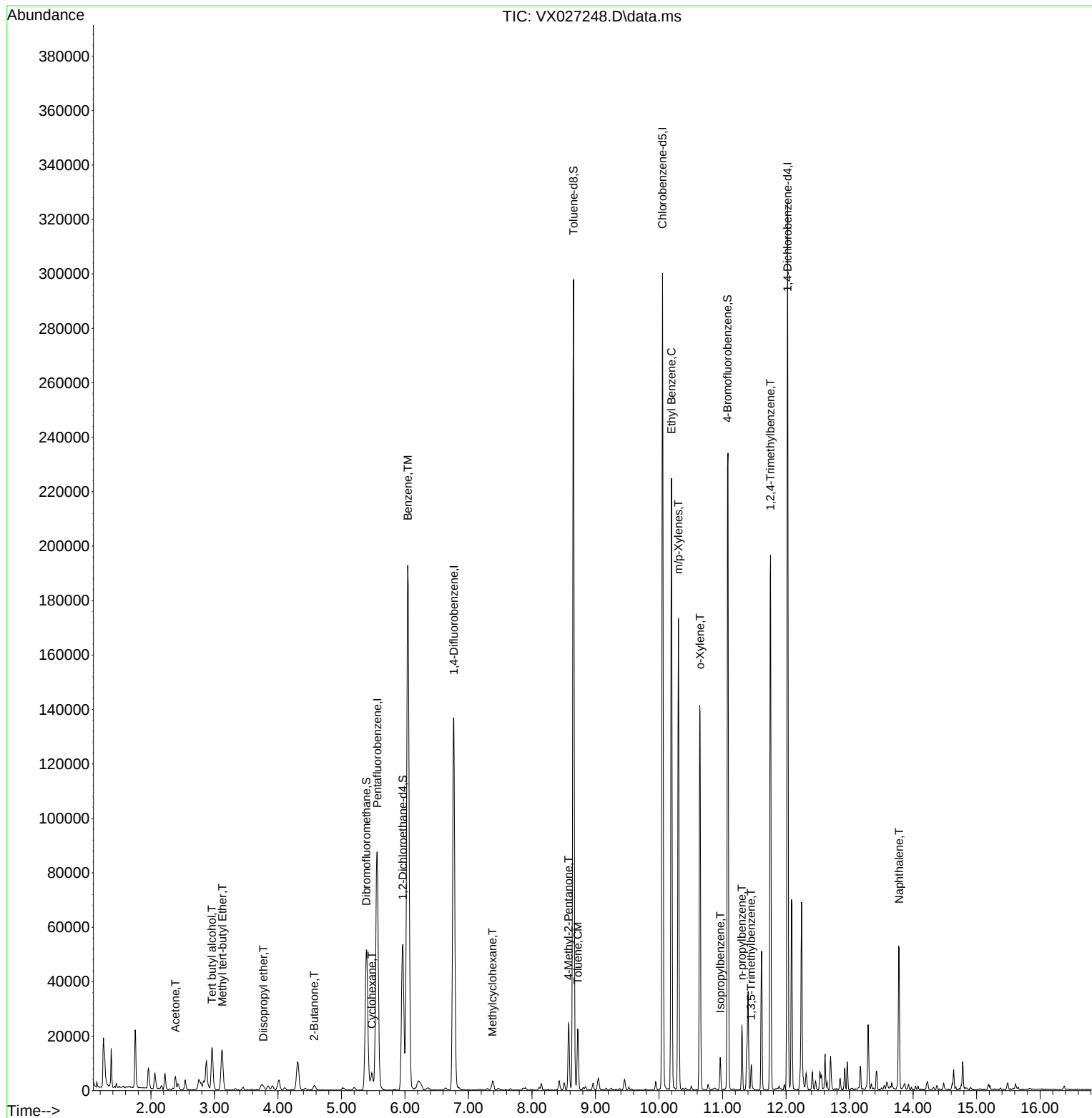
Internal Standards						
1) Pentafluorobenzene	5.562	168	88308	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	145517	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52444	49.448	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.900%
35) Dibromofluoromethane	5.391	113	45800	50.706	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.420%
50) Toluene-d8	8.653	98	177369	52.517	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.040%
62) 4-Bromofluorobenzene	11.079	95	64811	49.993	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.980%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	17454	84.583	ug/l	98
16) Acetone	2.385	43	5729	12.303	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	14514	4.920	ug/l #	85
22) Diisopropyl ether	3.769	45	1263	0.428	ug/l #	79
25) 2-Butanone	4.568	43	3459	4.664	ug/l #	88
31) Cyclohexane	5.476	56	4249	2.675	ug/l	91
39) Methylcyclohexane	7.378	83	1538	0.938	ug/l	93
40) Benzene	6.043	78	237378	61.577	ug/l	100
51) 4-Methyl-2-Pentanone	8.573	43	15170	10.483	ug/l	100
52) Toluene	8.720	92	8198	3.321	ug/l	96
67) Ethyl Benzene	10.195	91	126900	26.421	ug/l	98
68) m/p-Xylenes	10.305	106	38495	20.848	ug/l	95
69) o-Xylene	10.646	106	32139	17.342	ug/l	96
73) Isopropylbenzene	10.963	105	6289	1.328	ug/l	99
78) n-propylbenzene	11.305	91	14040	2.608	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	4315	1.083	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	87571	22.104	ug/l	97
95) Naphthalene	13.780	128	34884	7.500	ug/l	100

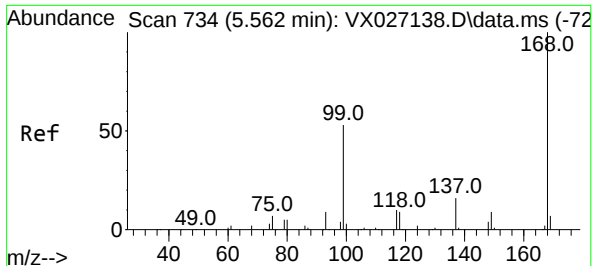
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 23 13:06:57 2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027248.D
Acq: 01 Mar 2022 15:06

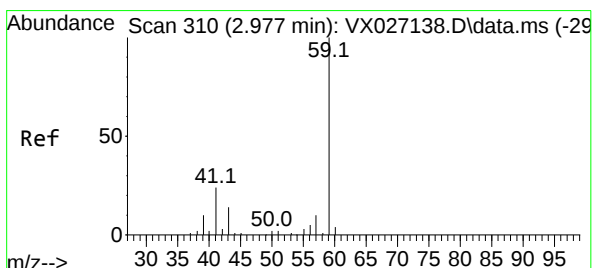
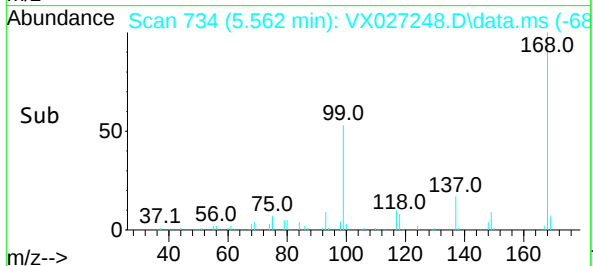
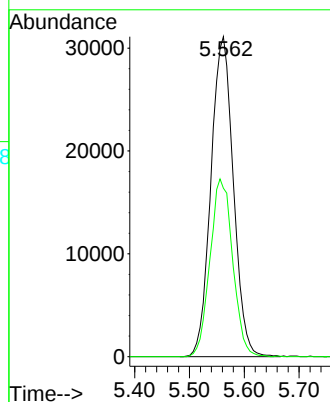
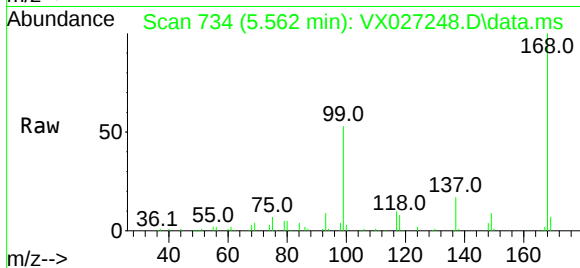
Instrument :

MSVOA_X

ClientSampleId :

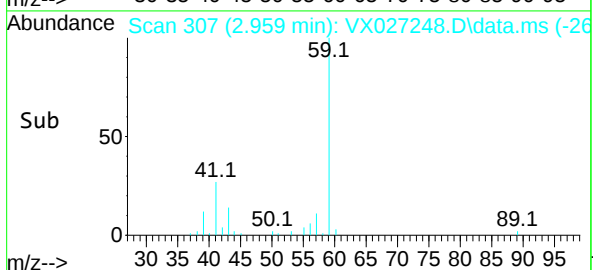
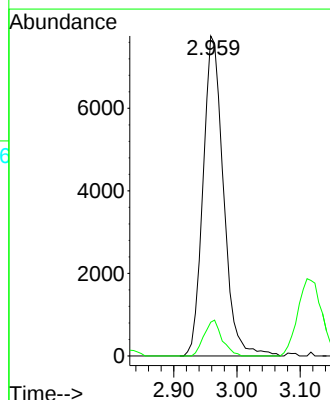
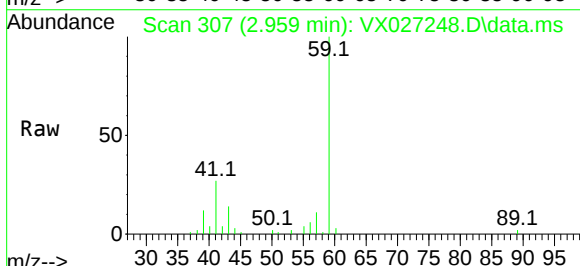
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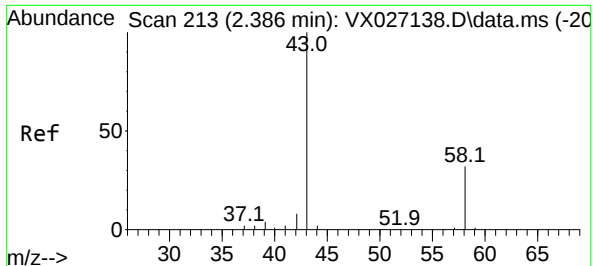
Tgt Ion:168 Resp: 88308
Ion Ratio Lower Upper
168 100
99 52.7 50.3 75.5



#11
Tert butyl alcohol
Concen: 84.583 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX027248.D
Acq: 01 Mar 2022 15:06

Tgt Ion: 59 Resp: 17454
Ion Ratio Lower Upper
59 100
57 9.8 7.2 10.8

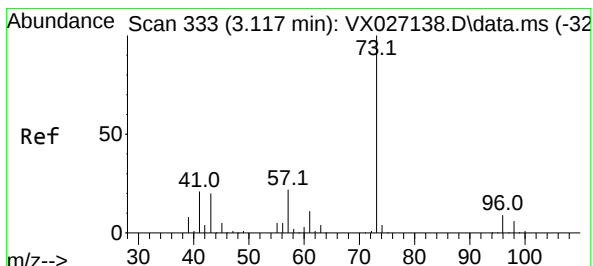
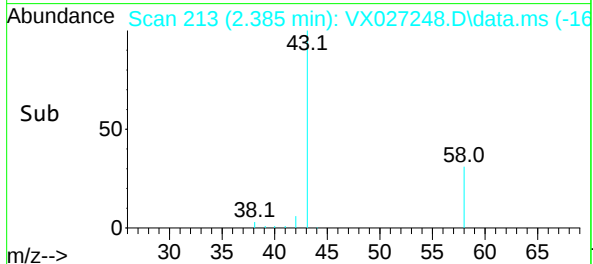
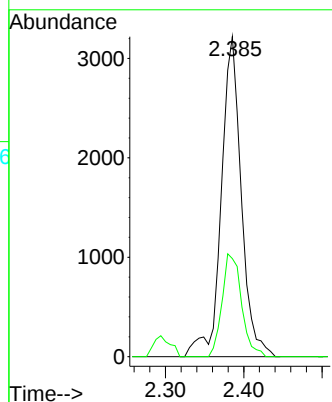
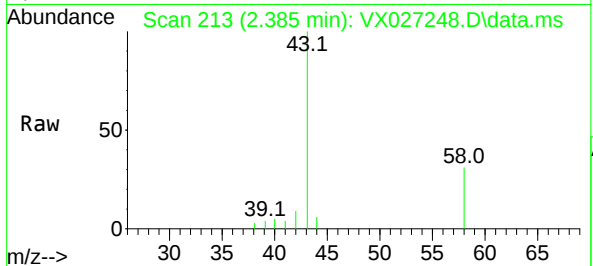




#16
Acetone
Concen: 12.303 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.001 min
Lab File: VX027248.D
Acq: 01 Mar 2022 15:06

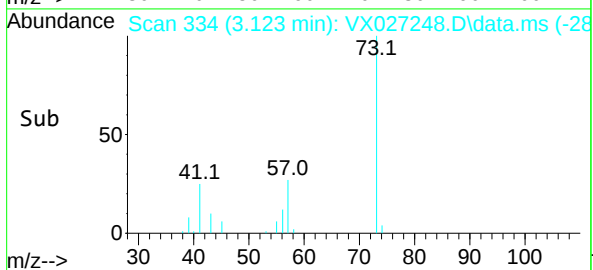
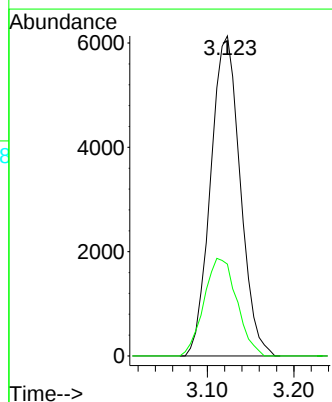
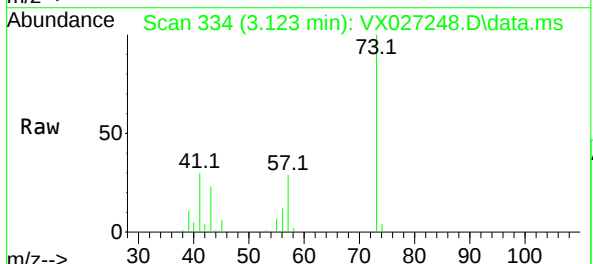
Instrument :
MSVOA_X
ClientSampleId :
MW-29

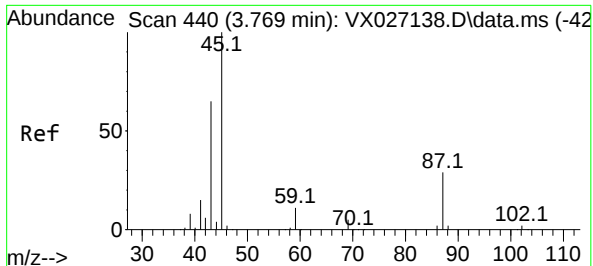
Tgt Ion: 43 Resp: 5729
Ion Ratio Lower Upper
43 100
58 30.6 23.0 34.6



#19
Methyl tert-butyl Ether
Concen: 4.920 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX027248.D
Acq: 01 Mar 2022 15:06

Tgt Ion: 73 Resp: 14514
Ion Ratio Lower Upper
73 100
57 28.7 17.4 26.2#

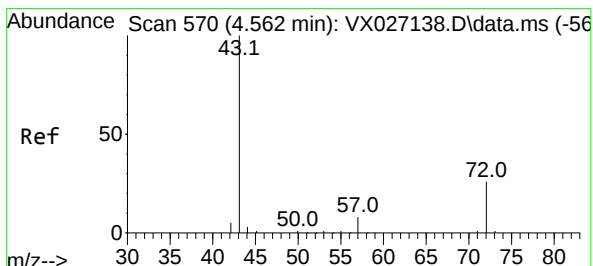
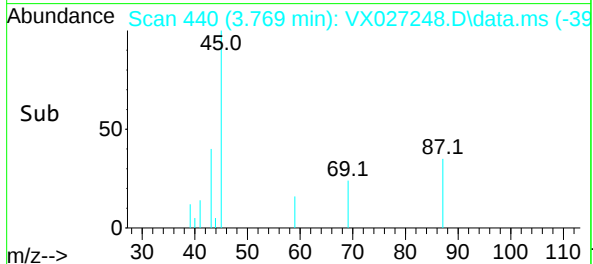
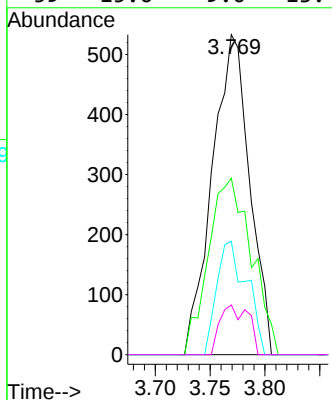
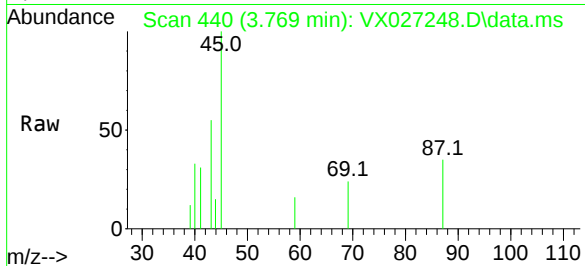




#22
Diisopropyl ether
Concen: 0.428 ug/l
RT: 3.769 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX027248.D
Acq: 01 Mar 2022 15:06

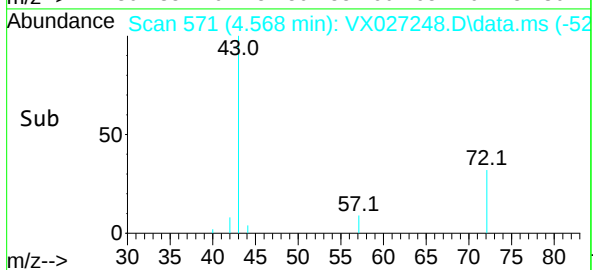
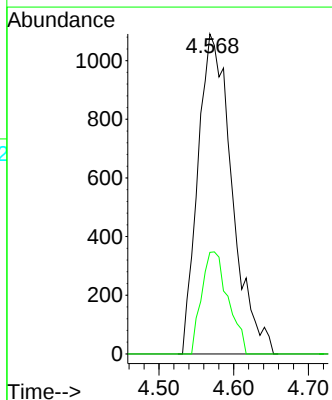
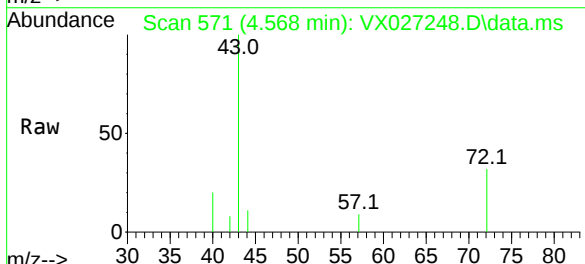
Instrument :
MSVOA_X
ClientSampleId :
MW-29

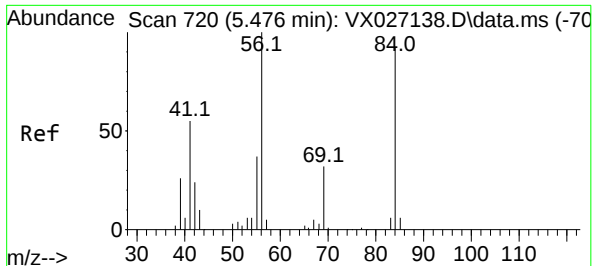
Tgt Ion:	45	Resp:	1263
Ion	Ratio	Lower	Upper
45	100		
43	55.2	60.6	91.0#
87	35.5	22.0	33.0#
59	15.6	9.0	13.4#



#25
2-Butanone
Concen: 4.664 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX027248.D
Acq: 01 Mar 2022 15:06

Tgt Ion:	43	Resp:	3459
Ion	Ratio	Lower	Upper
43	100		
72	31.7	20.4	30.6#

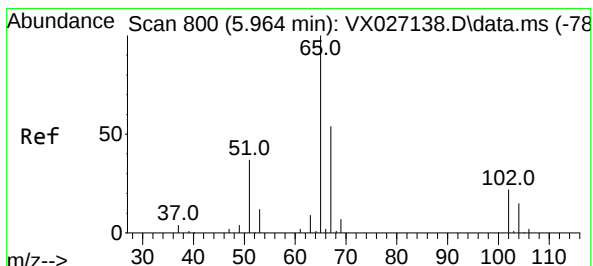
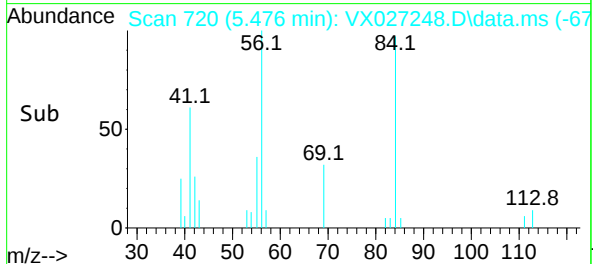
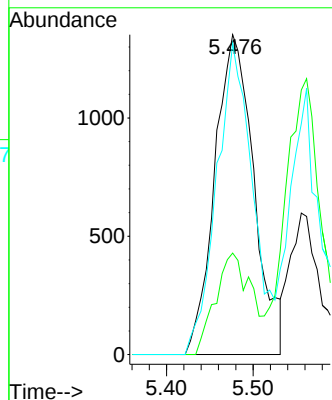
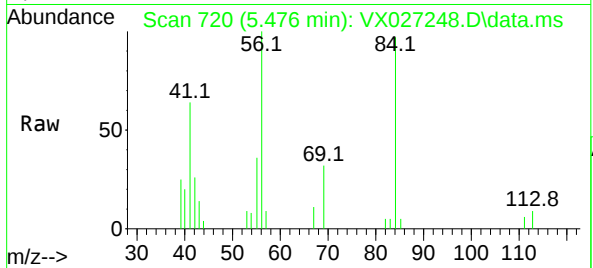




#31
Cyclohexane
Concen: 2.675 ug/l
RT: 5.476 min Scan# 720
Delta R.T. 0.000 min
Lab File: VX027248.D
Acq: 01 Mar 2022 15:06

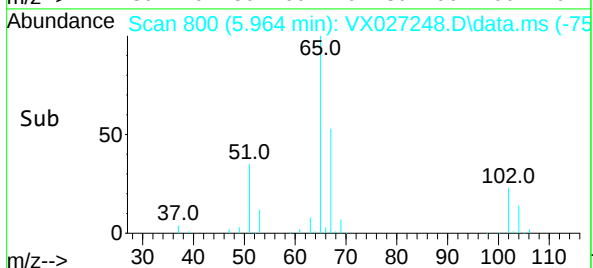
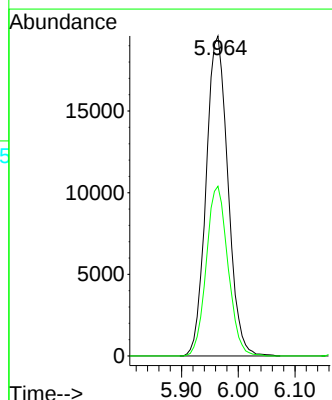
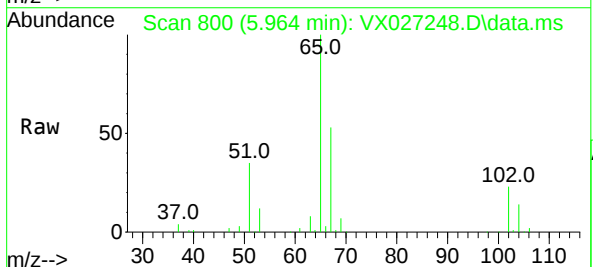
Instrument :
MSVOA_X
ClientSampleId :
MW-29

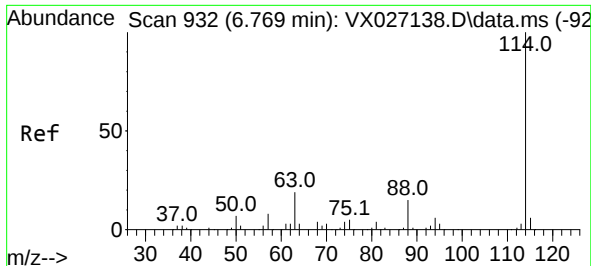
Tgt Ion: 56 Resp: 4249
Ion Ratio Lower Upper
56 100
69 31.7 25.8 38.6
84 97.3 68.9 103.3



#33
1,2-Dichloroethane-d4
Concen: 49.448 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX027248.D
Acq: 01 Mar 2022 15:06

Tgt Ion: 65 Resp: 52444
Ion Ratio Lower Upper
65 100
67 52.7 0.0 100.8

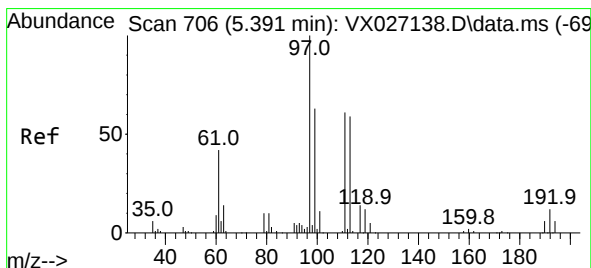
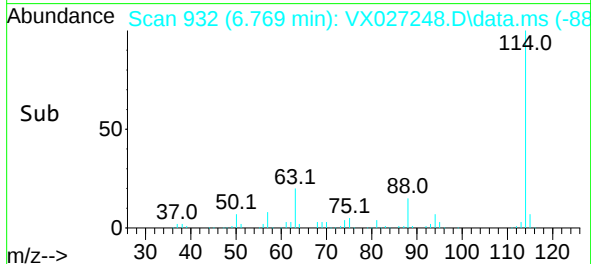
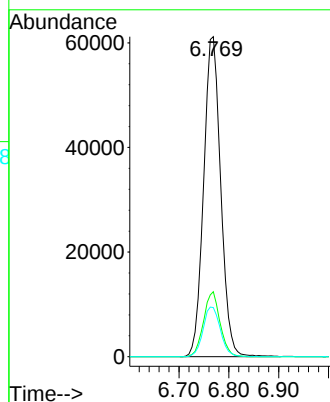
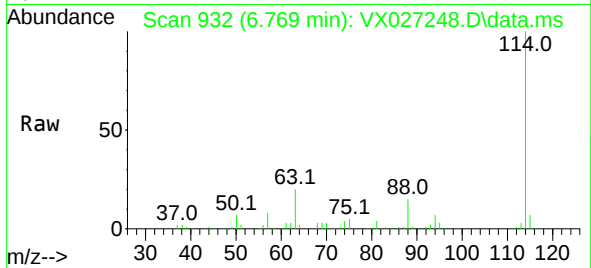




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027248.D
Acq: 01 Mar 2022 15:06

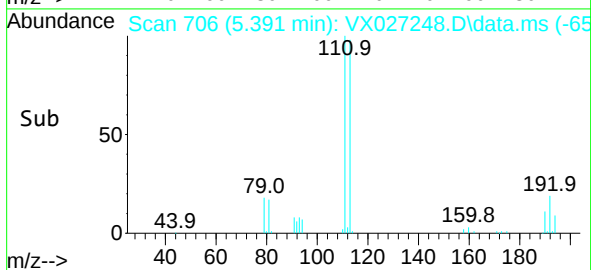
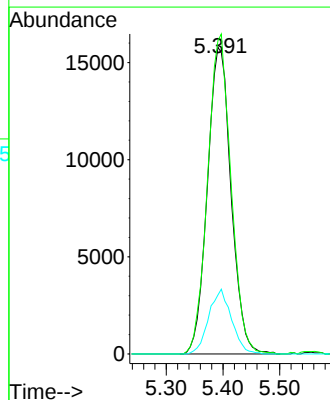
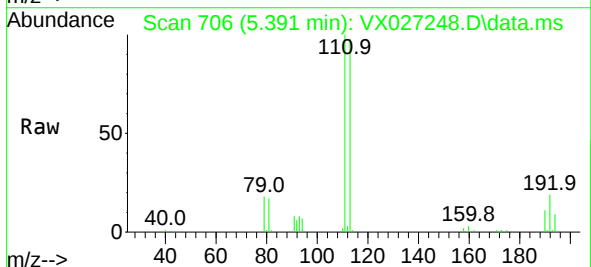
Instrument :
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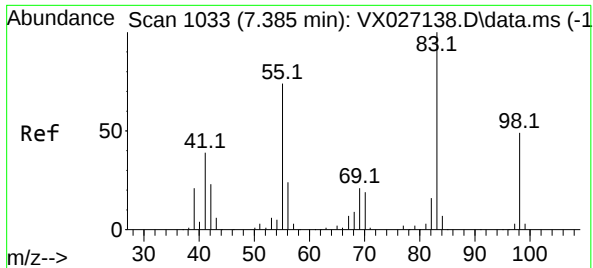
Tgt Ion:114 Resp: 145517
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.8
88 15.4 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.706 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027248.D
Acq: 01 Mar 2022 15:06

Tgt Ion:113 Resp: 45800
Ion Ratio Lower Upper
113 100
111 102.9 81.2 121.8
192 20.4 15.0 22.4

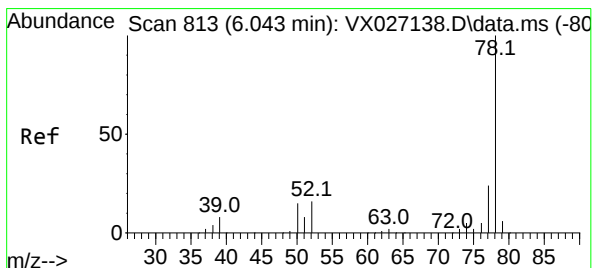
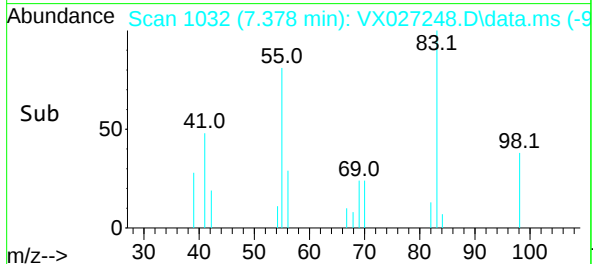
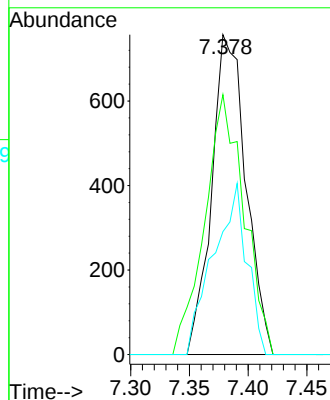
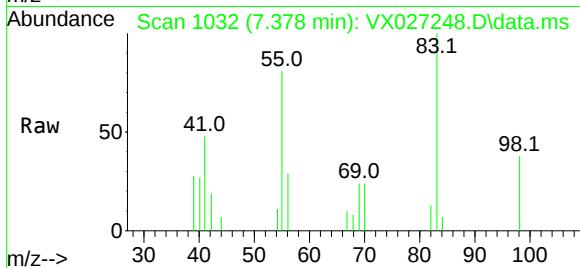




#39
Methylcyclohexane
Concen: 0.938 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.007 min
Lab File: VX027248.D
Acq: 01 Mar 2022 15:06

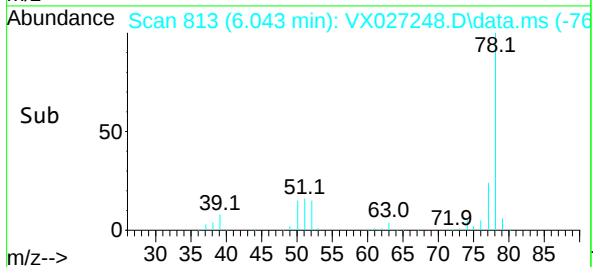
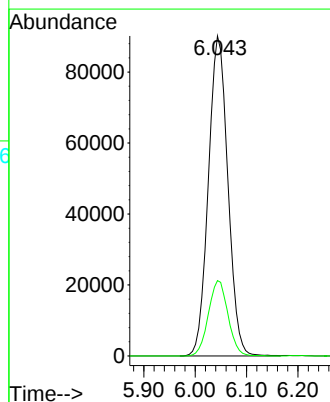
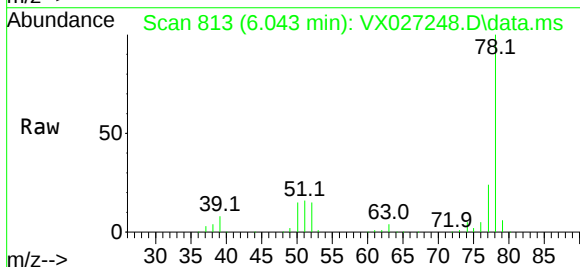
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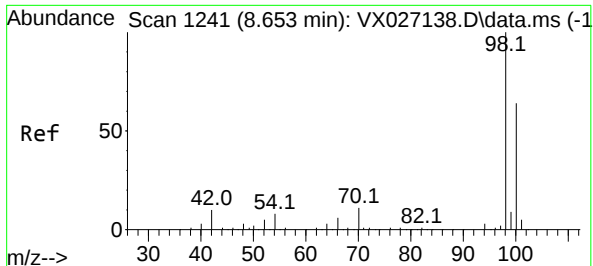
Tgt Ion: 83	Resp:	1538
Ion	Ratio	Lower Upper
83	100	
55	81.2	63.6 95.4
98	38.4	38.4 57.6



#40
Benzene
Concen: 61.577 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX027248.D
Acq: 01 Mar 2022 15:06

Tgt Ion: 78	Resp:	237378
Ion	Ratio	Lower Upper
78	100	
77	23.6	18.9 28.3





#50

Toluene-d8

Concen: 52.517 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX027248.D

Acq: 01 Mar 2022 15:06

Instrument :

MSVOA_X

ClientSampleId :

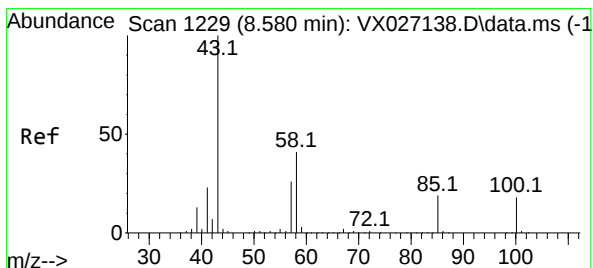
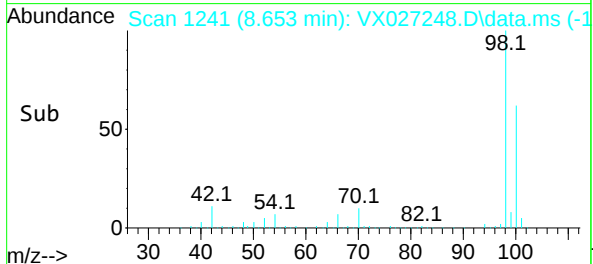
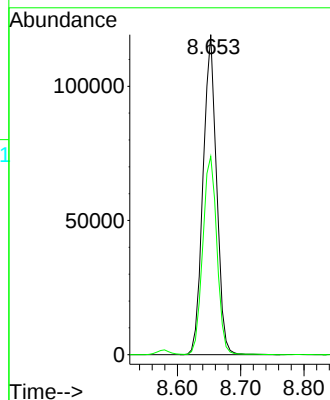
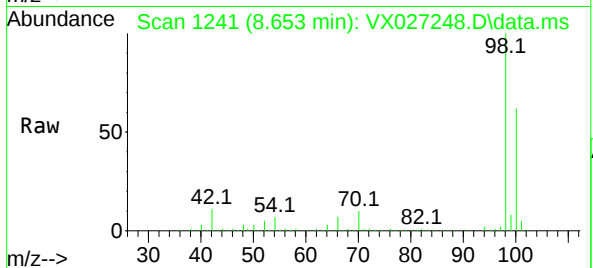
MW-29

Tgt Ion: 98 Resp: 177369

Ion Ratio Lower Upper

98 100

100 65.0 53.2 79.8



#51

4-Methyl-2-Pentanone

Concen: 10.483 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. -0.007 min

Lab File: VX027248.D

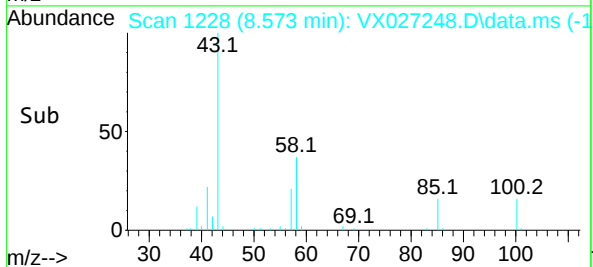
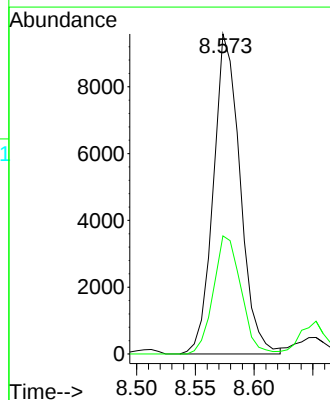
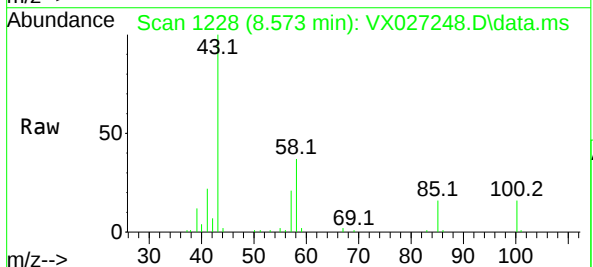
Acq: 01 Mar 2022 15:06

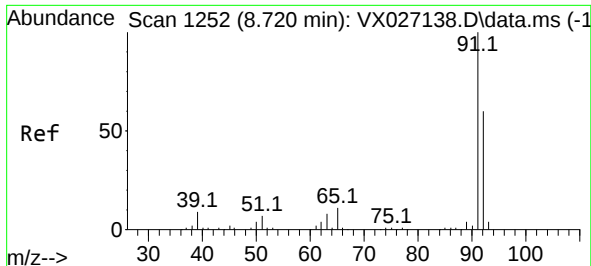
Tgt Ion: 43 Resp: 15170

Ion Ratio Lower Upper

43 100

58 38.0 30.5 45.7

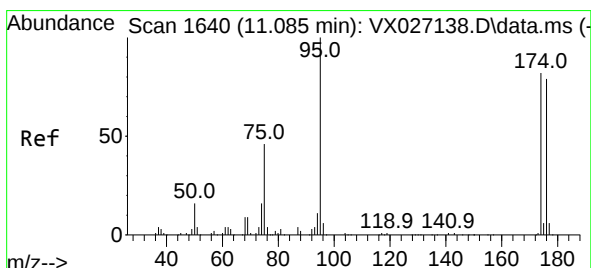
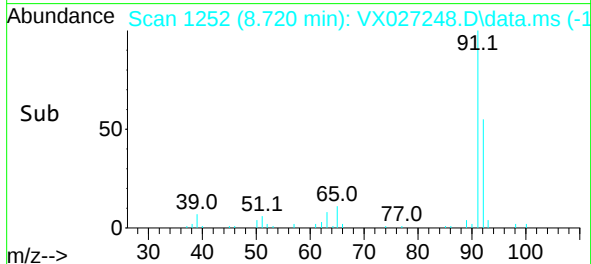
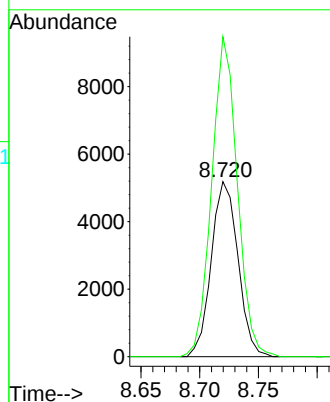
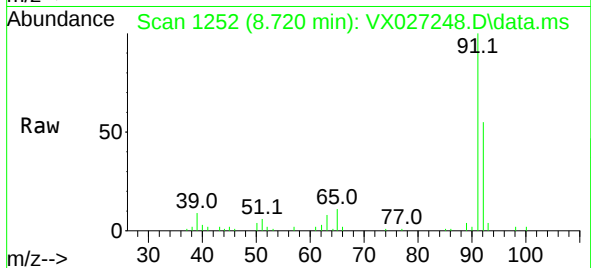




#52
Toluene
Concen: 3.321 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027248.D
Acq: 01 Mar 2022 15:06

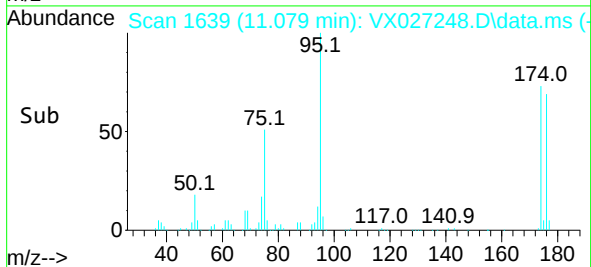
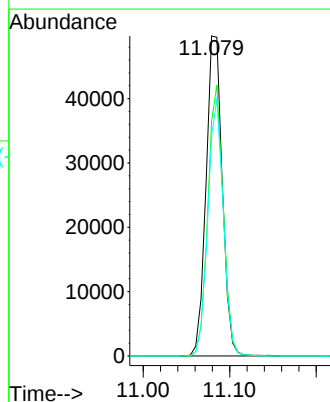
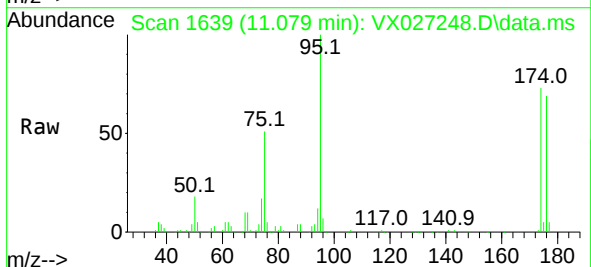
Instrument :
MSVOA_X
ClientSampleId :
MW-29

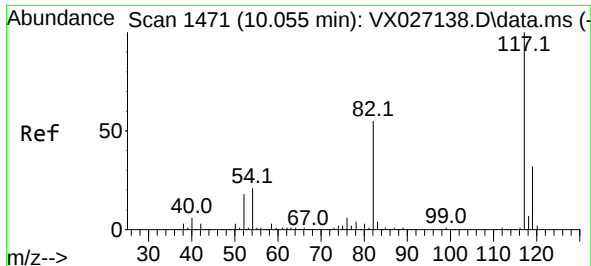
Tgt Ion: 92 Resp: 8198
Ion Ratio Lower Upper
92 100
91 175.3 135.7 203.5



#62
4-Bromofluorobenzene
Concen: 49.993 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027248.D
Acq: 01 Mar 2022 15:06

Tgt Ion: 95 Resp: 64811
Ion Ratio Lower Upper
95 100
174 80.3 0.0 148.6
176 76.3 0.0 141.4

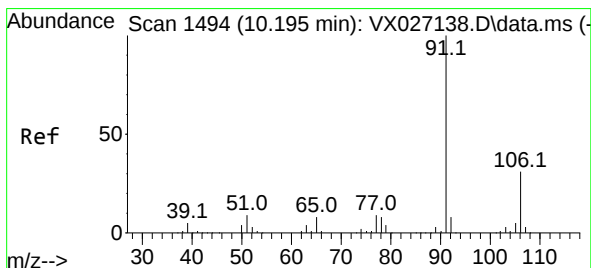
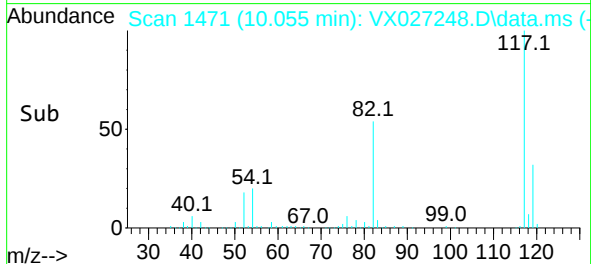
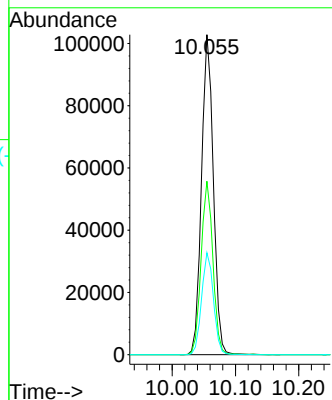
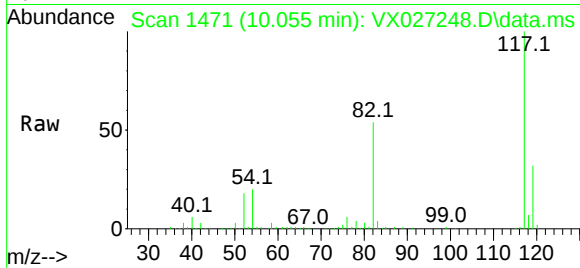




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027248.D
Acq: 01 Mar 2022 15:06

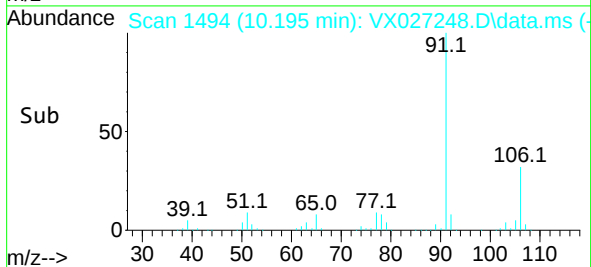
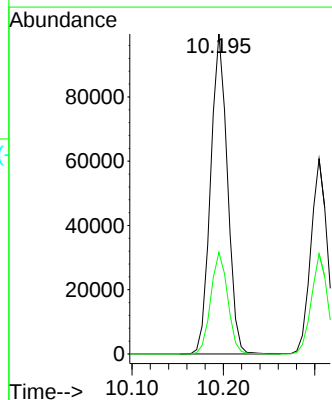
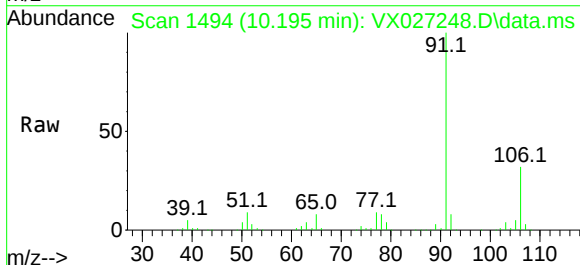
Instrument :
MSVOA_X
ClientSampleId :
MW-29

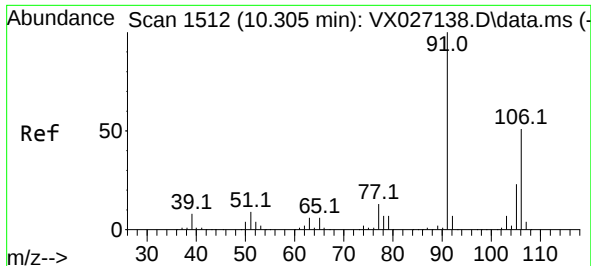
Tgt Ion:117 Resp: 134220
Ion Ratio Lower Upper
117 100
82 54.2 45.2 67.8
119 31.8 26.2 39.2



#67
Ethyl Benzene
Concen: 26.421 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027248.D
Acq: 01 Mar 2022 15:06

Tgt Ion: 91 Resp: 126900
Ion Ratio Lower Upper
91 100
106 31.7 24.7 37.1

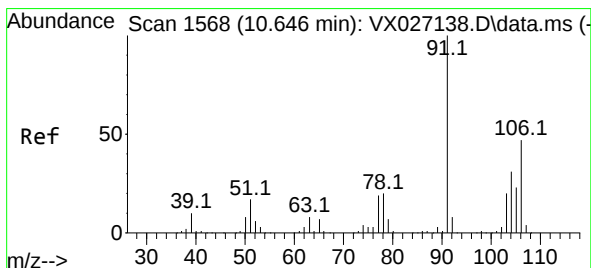
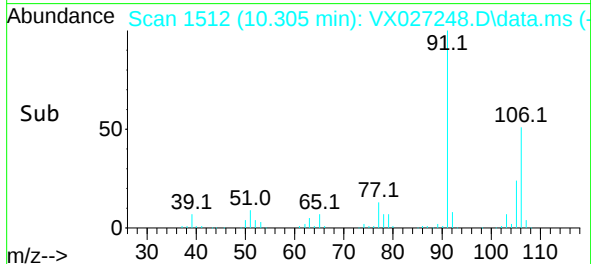
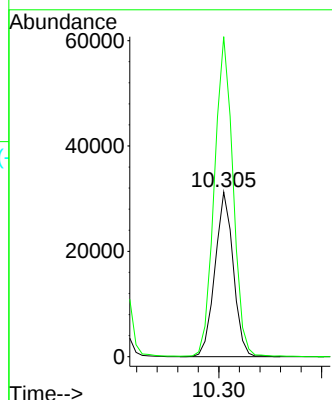
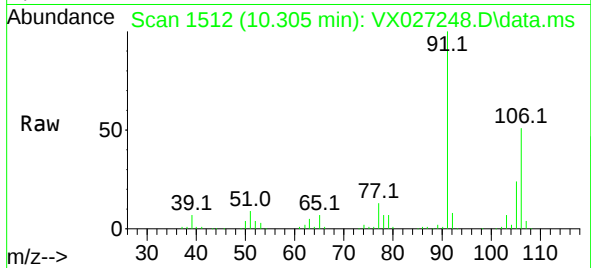




#68
m/p-Xylenes
Concen: 20.848 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX027248.D
Acq: 01 Mar 2022 15:06

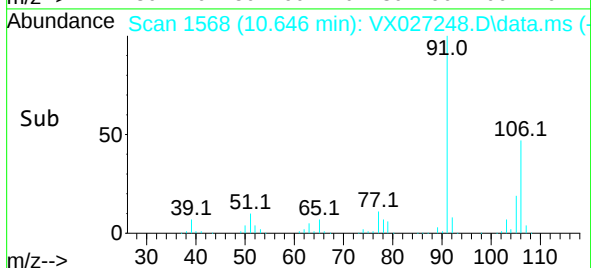
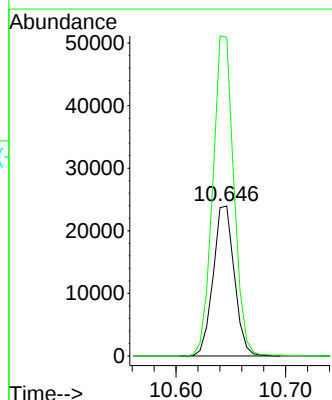
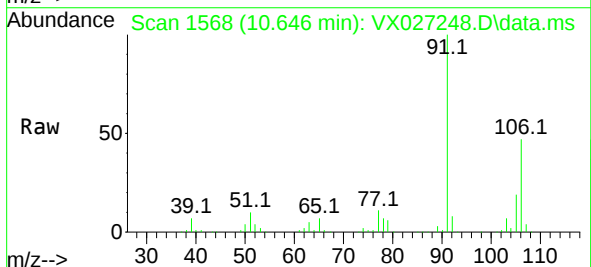
Instrument :
MSVOA_X
ClientSampleId :
MW-29

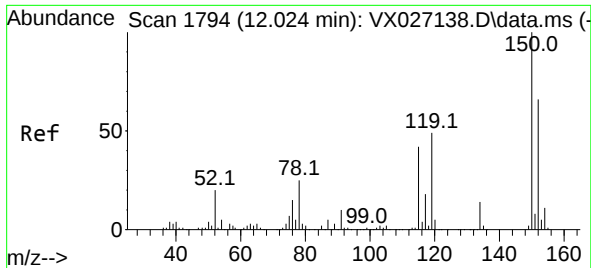
Tgt Ion:106 Resp: 38495
Ion Ratio Lower Upper
106 100
91 198.6 165.3 247.9



#69
o-Xylene
Concen: 17.342 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX027248.D
Acq: 01 Mar 2022 15:06

Tgt Ion:106 Resp: 32139
Ion Ratio Lower Upper
106 100
91 213.2 109.7 329.0

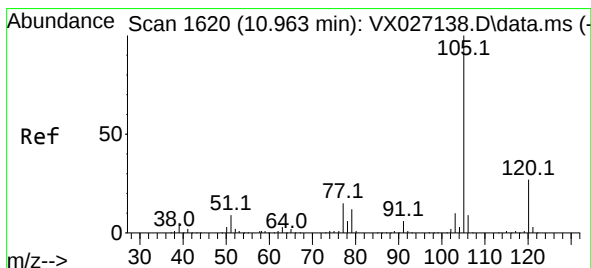
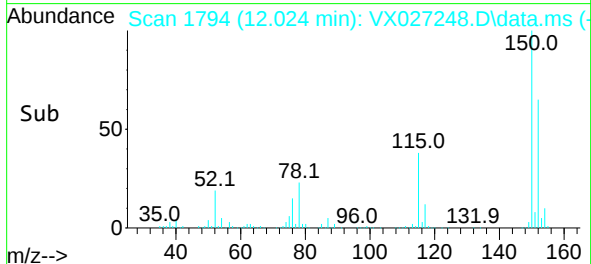
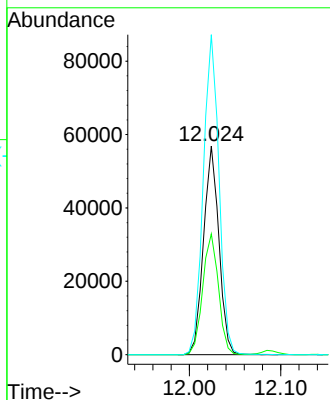
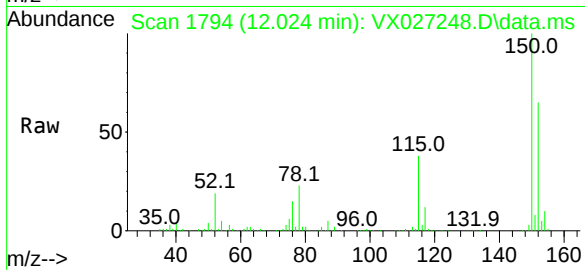




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX027248.D
 Acq: 01 Mar 2022 15:06

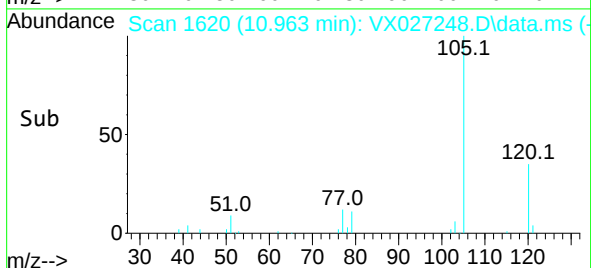
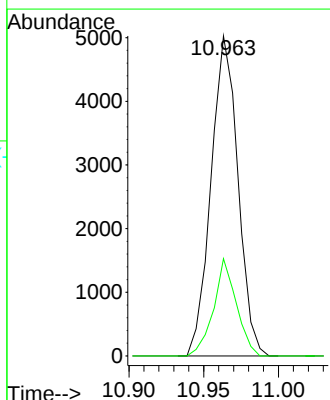
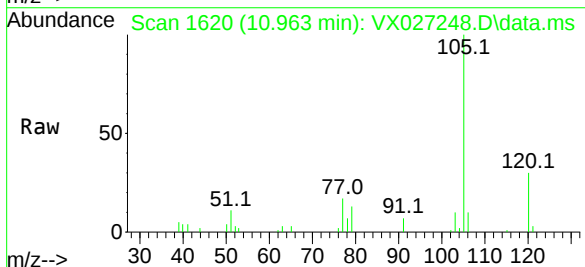
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-29

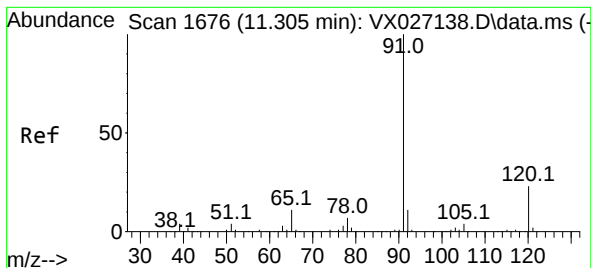
Tgt Ion:152 Resp: 66195
 Ion Ratio Lower Upper
 152 100
 115 59.3 44.2 132.6
 150 156.5 0.0 348.2



#73
 Isopropylbenzene
 Concen: 1.328 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VX027248.D
 Acq: 01 Mar 2022 15:06

Tgt Ion:105 Resp: 6289
 Ion Ratio Lower Upper
 105 100
 120 25.7 13.1 39.1





#78

n-propylbenzene

Concen: 2.608 ug/l

RT: 11.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX027248.D

Acq: 01 Mar 2022 15:06

Instrument :

MSVOA_X

ClientSampleId :

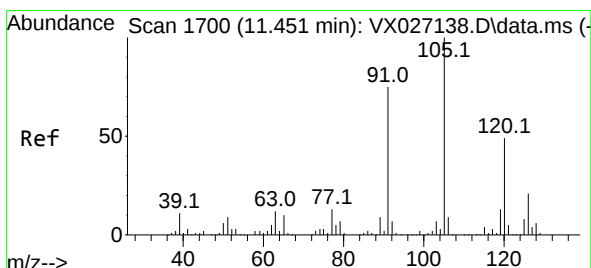
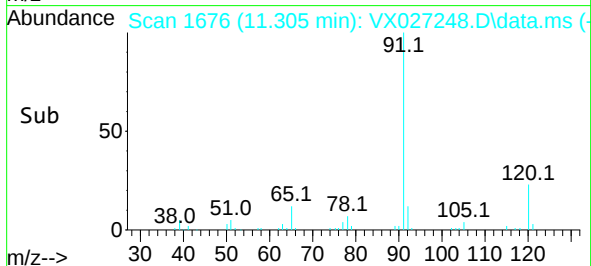
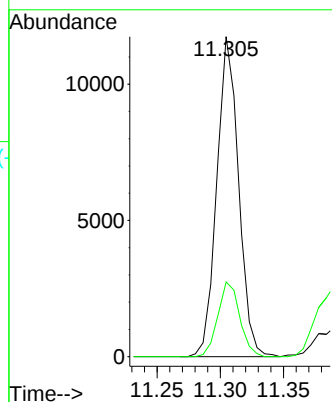
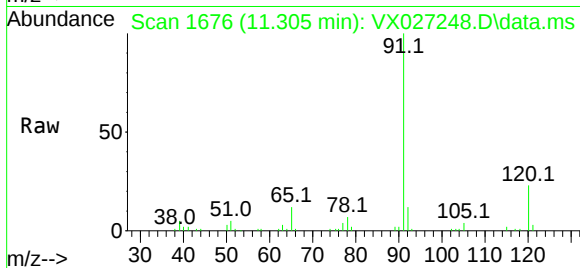
MW-29

Tgt Ion: 91 Resp: 14040

Ion Ratio Lower Upper

91 100

120 23.4 11.6 34.7



#80

1,3,5-Trimethylbenzene

Concen: 1.083 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX027248.D

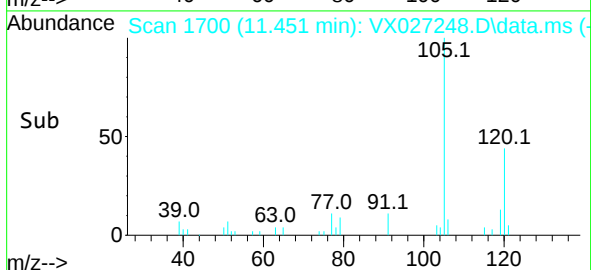
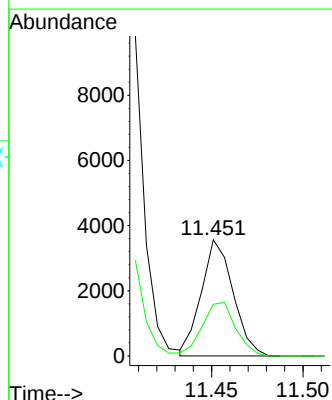
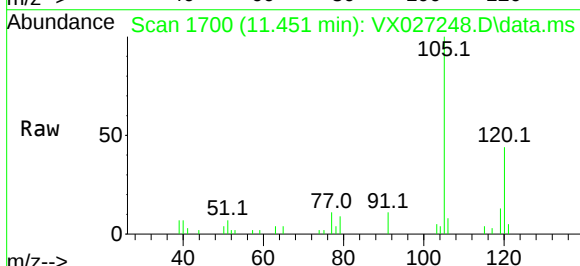
Acq: 01 Mar 2022 15:06

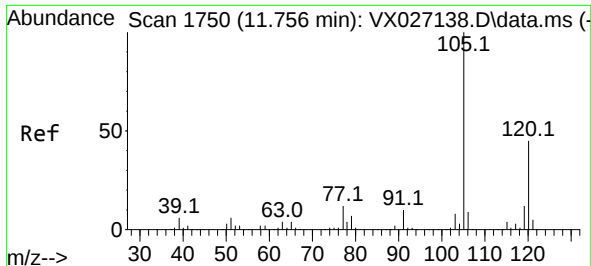
Tgt Ion: 105 Resp: 4315

Ion Ratio Lower Upper

105 100

120 49.1 24.0 72.0





#84

1,2,4-Trimethylbenzene

Concen: 22.104 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX027248.D

Acq: 01 Mar 2022 15:06

Instrument :

MSVOA_X

ClientSampleId :

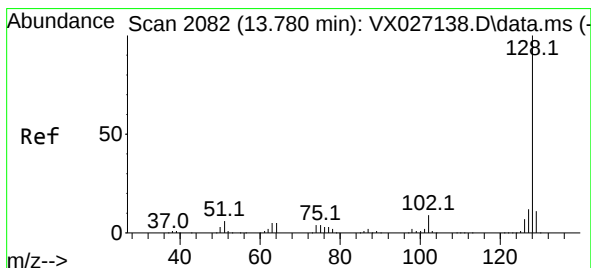
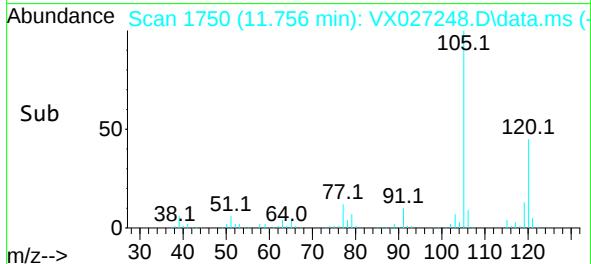
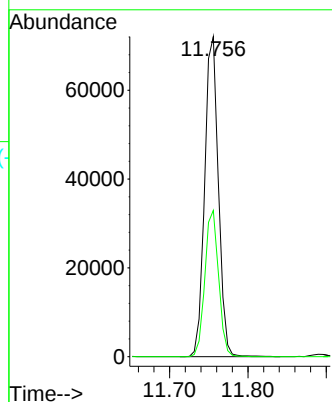
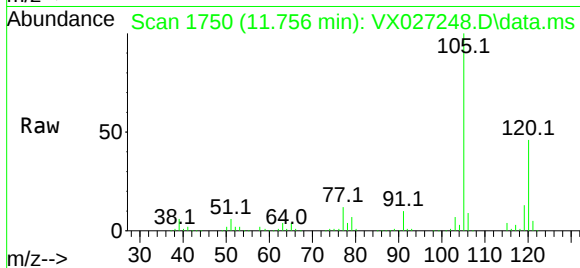
MW-29

Tgt Ion:105 Resp: 87571

Ion Ratio Lower Upper

105 100

120 45.6 21.9 65.5



#95

Naphthalene

Concen: 7.500 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VX027248.D

Acq: 01 Mar 2022 15:06

Tgt Ion:128 Resp: 34884

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 11.1 8.7 13.1

