

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060724\
 Data File : VX041786.D
 Acq On : 07 Jun 2024 13:27
 Operator : JC/MD
 Sample : P2751-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 002-35TH-AVE(JUN)

Quant Time: Jun 08 04:05:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
 Response via : Initial Calibration

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

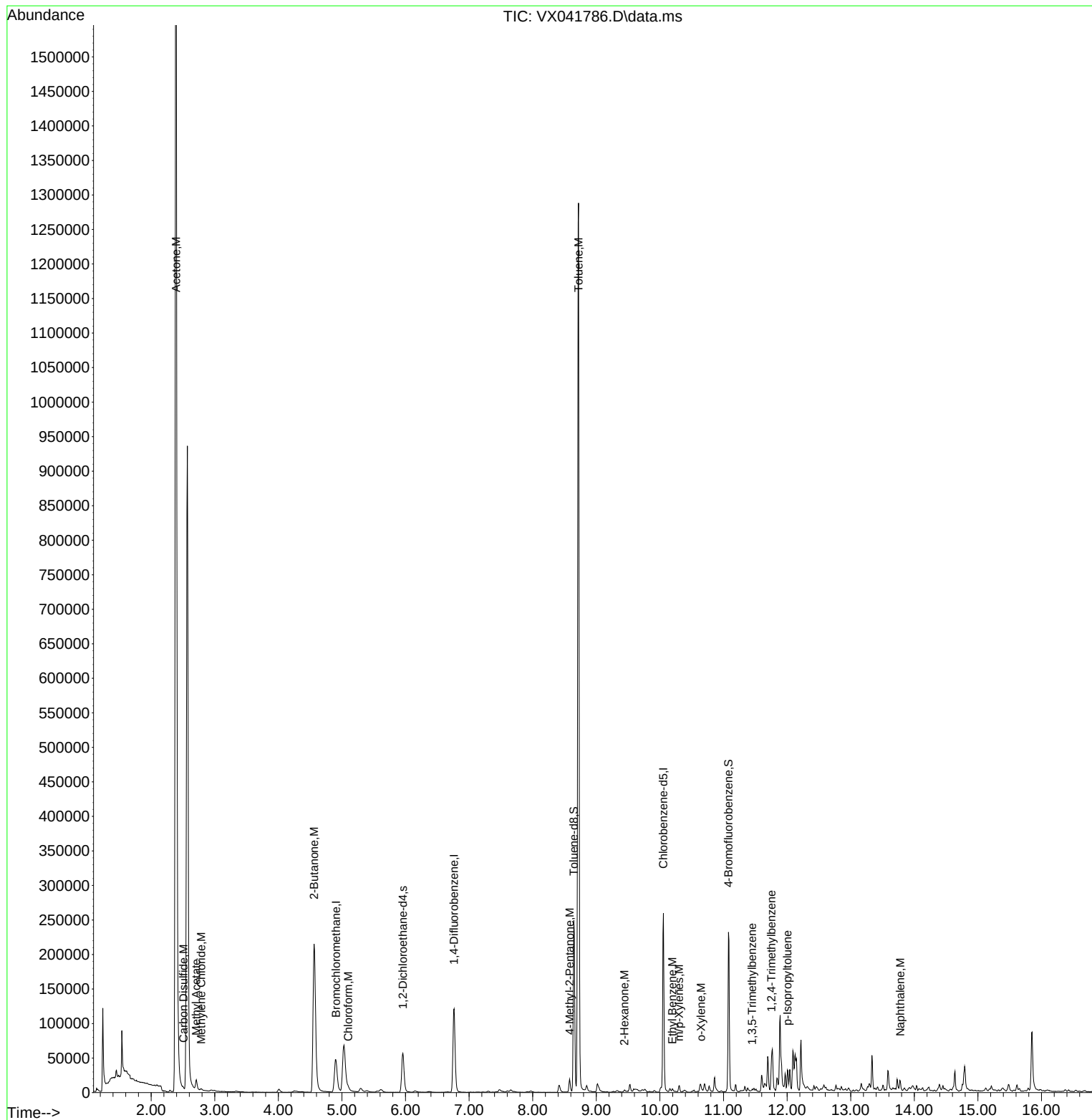
Internal Standards						
1) Bromochloromethane	4.910	128	23227	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	6.763	114	129356	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	120904	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	55892	30.557	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.867%			
60) 4-Bromofluorobenzene	11.079	95	56530	29.951	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.833%			
63) Toluene-d8	8.647	98	149421	28.831	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 96.100%			
Target Compounds						
					Qvalue	
12) Methyl Acetate	2.709	43	18261	10.203	ug/l	90
15) Acetone	2.392	58	638326	3027.670	ug/l	93
16) Carbon Disulfide	2.508	76	2883	1.075	ug/l	98
18) Methylene Chloride	2.788	84	1018	0.720	ug/l #	92
25) Chloroform	5.099	83	3763	1.420	ug/l #	82
30) 2-Butanone	4.562	43	391155	344.395	ug/l	99
58) 4-Methyl-2-Pentanone	8.580	43	11518	5.214	ug/l	99
59) 2-Hexanone	9.439	43	1750	0.994	ug/l #	96
62) Toluene	8.720	91	837003	139.129	ug/l	99
66) Ethyl Benzene	10.195	91	2491	0.373	ug/l	90
67) m/p-Xylenes	10.299	106	2541	0.973	ug/l	93
68) o-Xylene	10.646	106	1312	0.499	ug/l	93
76) 1,3,5-Trimethylbenzene	11.451	105	1588	0.280	ug/l	100
80) 1,2,4-Trimethylbenzene	11.756	105	12445	2.189	ug/l	66
82) p-Isopropyltoluene	12.006	119	11351	1.838	ug/l	95
91) Naphthalene	13.780	128	8336	1.161	ug/l	98

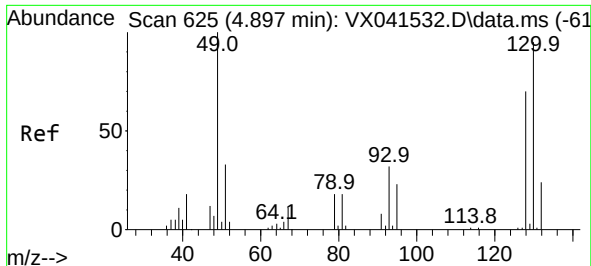
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060724\
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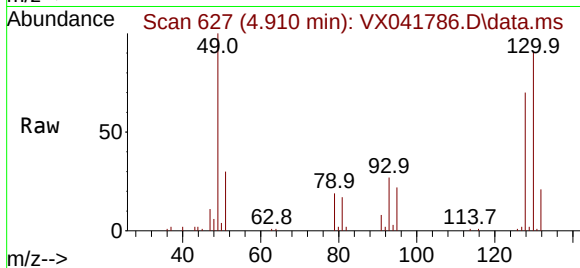
Quant Time: Jun 08 04:05:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 16 05:13:13 2024
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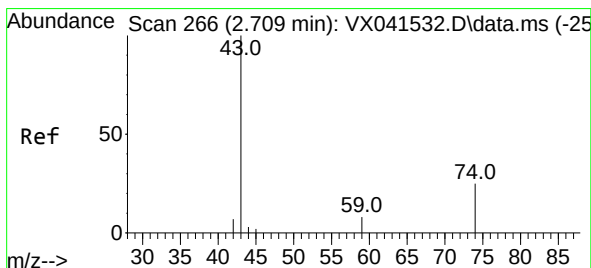
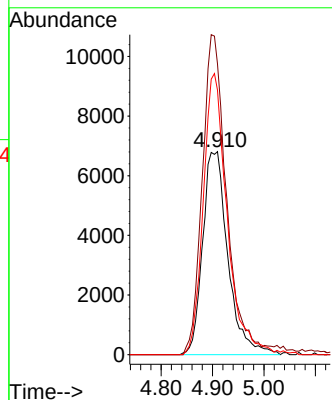
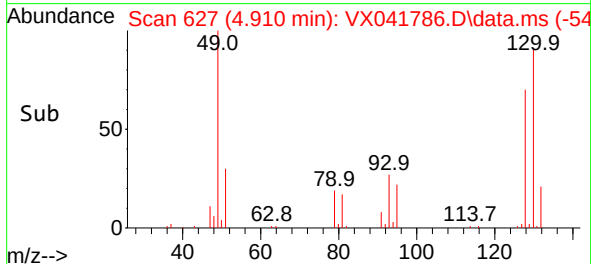


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.013 min
Lab File: VX041786.D
Acq: 07 Jun 2024 13:27

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JUN)

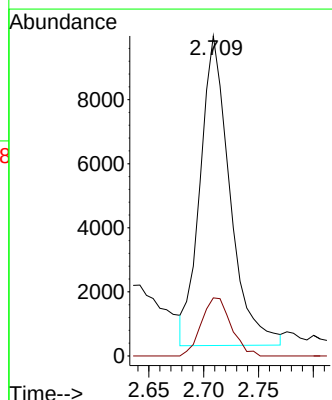
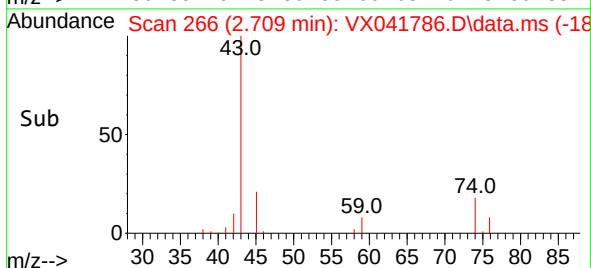
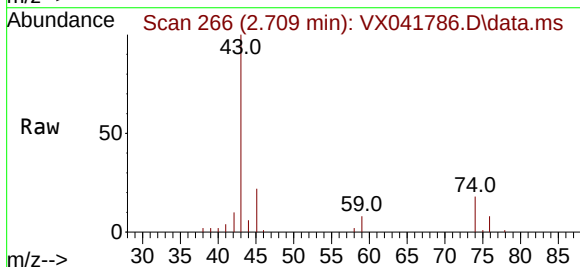


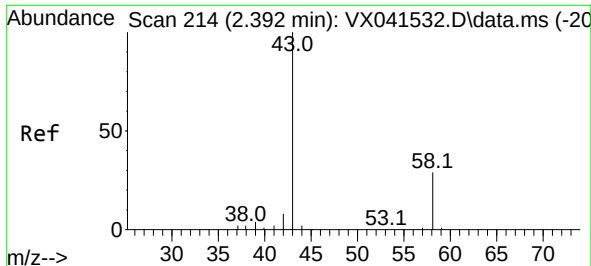
Tgt Ion:128 Resp: 23227
Ion Ratio Lower Upper
128 100
49 150.2 0.0 361.5
130 131.2 0.0 324.3



#12
Methyl Acetate
Concen: 10.203 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041786.D
Acq: 07 Jun 2024 13:27

Tgt Ion: 43 Resp: 18261
Ion Ratio Lower Upper
43 100
74 20.1 19.9 29.9





#15

Acetone

Concen: 3027.670 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX041786.D

Acq: 07 Jun 2024 13:27

Instrument :

MSVOA_X

ClientSampleId :

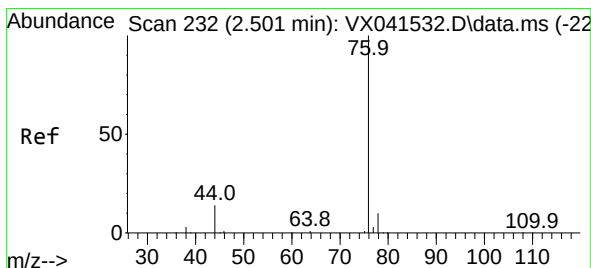
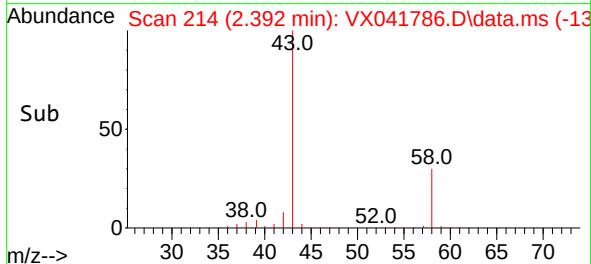
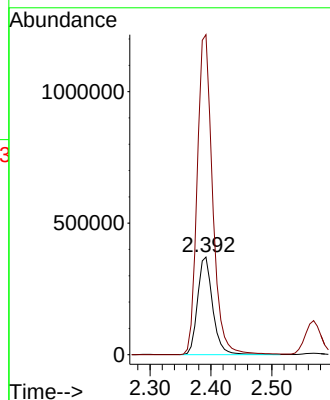
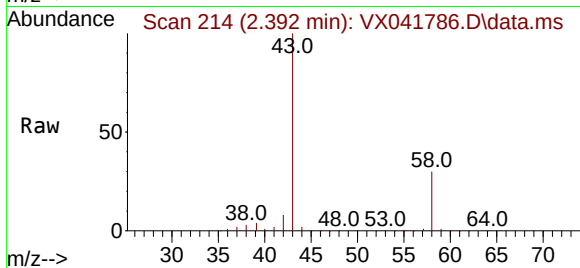
002-35TH-AVE(JUN)

Tgt Ion: 58 Resp: 638326

Ion Ratio Lower Upper

58 100

43 328.3 274.0 411.0



#16

Carbon Disulfide

Concen: 1.075 ug/l

RT: 2.508 min Scan# 233

Delta R.T. 0.006 min

Lab File: VX041786.D

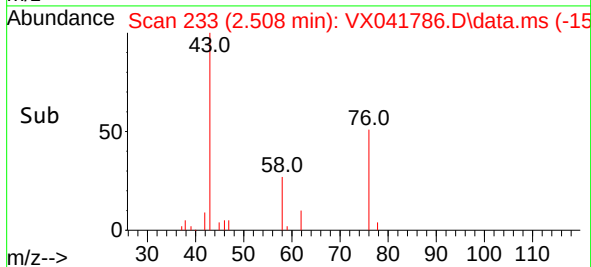
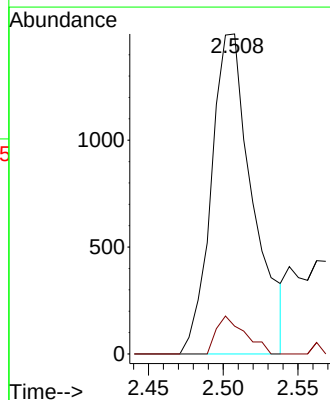
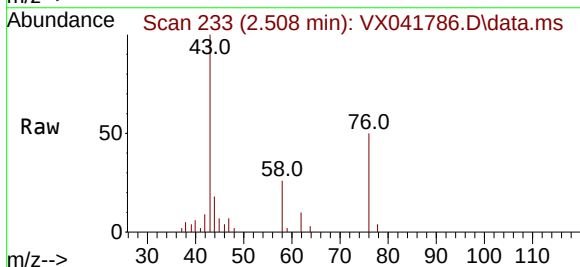
Acq: 07 Jun 2024 13:27

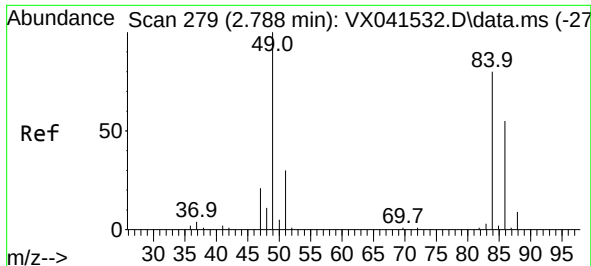
Tgt Ion: 76 Resp: 2883

Ion Ratio Lower Upper

76 100

78 8.7 7.6 11.4

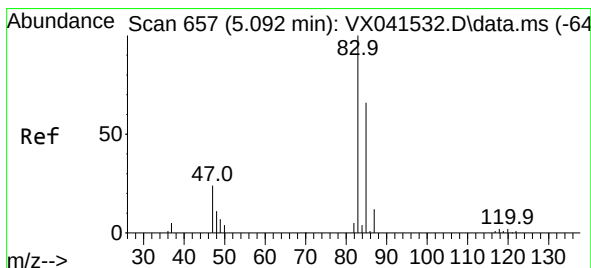
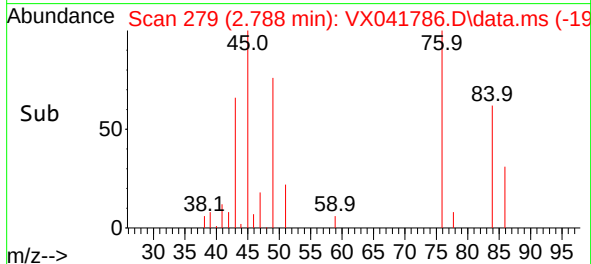
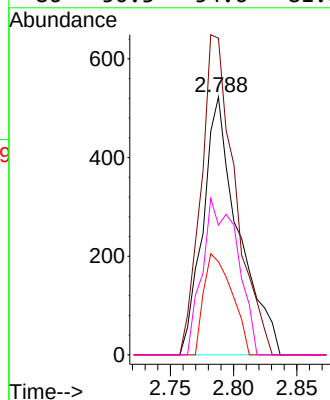
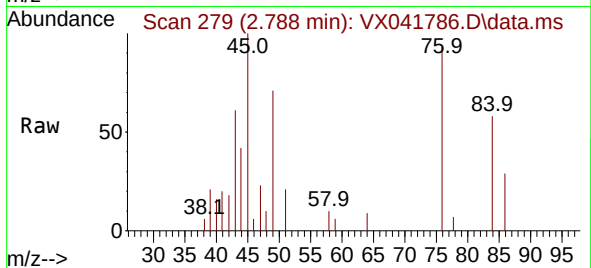




#18
Methylene Chloride
Concen: 0.720 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041786.D
Acq: 07 Jun 2024 13:27

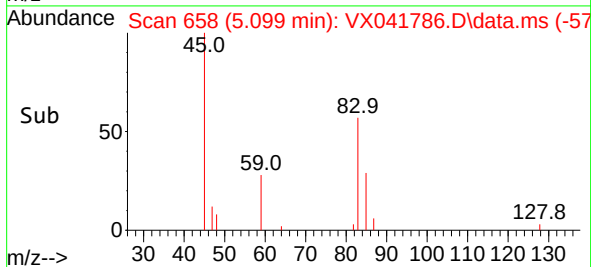
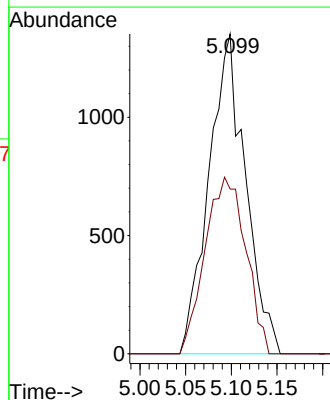
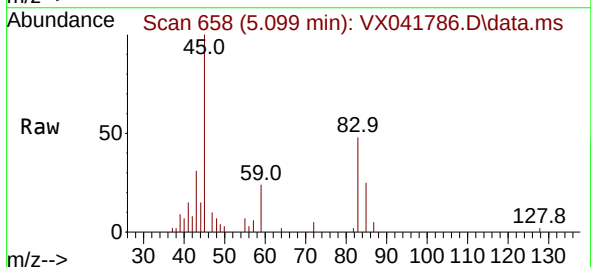
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JUN)

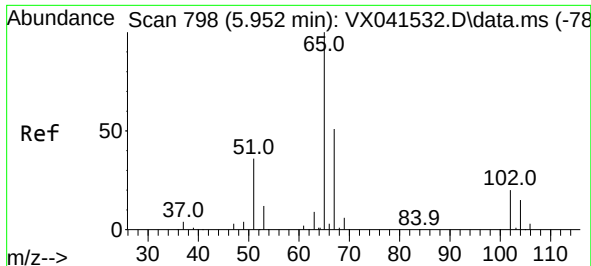
Tgt Ion: 84	Resp: 1018
Ion Ratio	Lower Upper
84 100	
49 122.8	99.8 149.8
51 36.1	30.2 45.4
86 50.3	54.6 81.8#



#25
Chloroform
Concen: 1.420 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX041786.D
Acq: 07 Jun 2024 13:27

Tgt Ion: 83	Resp: 3763		
Ion Ratio	Lower	Upper	
83 100			
85 51.6	52.9	79.3#	





#27

1,2-Dichloroethane-d4

Concen: 30.557 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041786.D

Acq: 07 Jun 2024 13:27

Instrument :

MSVOA_X

ClientSampleId :

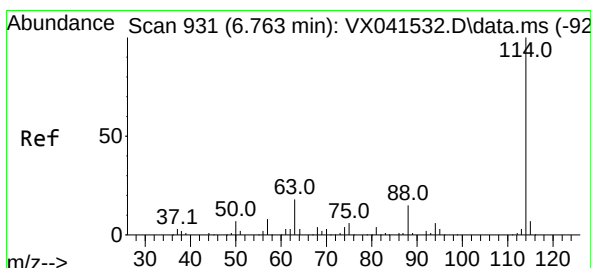
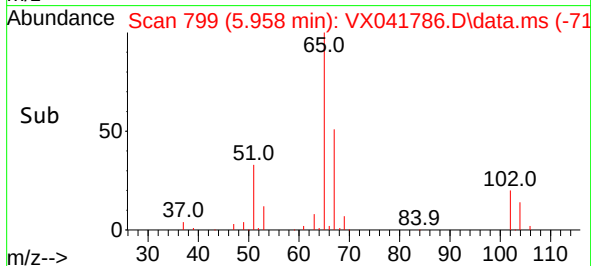
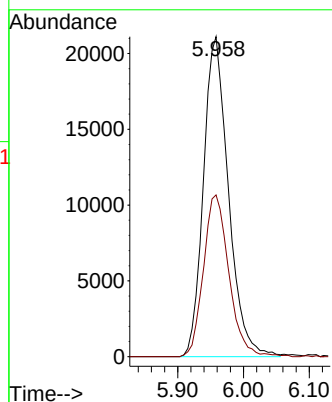
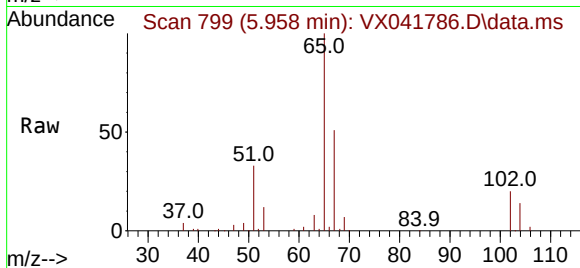
002-35TH-AVE(JUN)

Tgt Ion: 65 Resp: 55892

Ion Ratio Lower Upper

65 100

67 50.9 40.8 61.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX041786.D

Acq: 07 Jun 2024 13:27

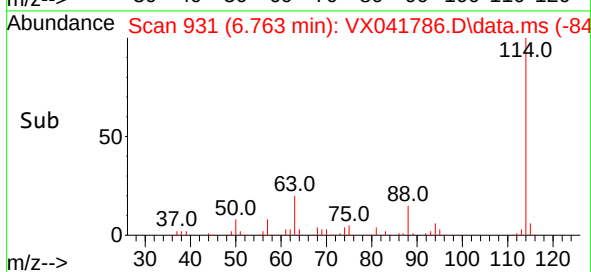
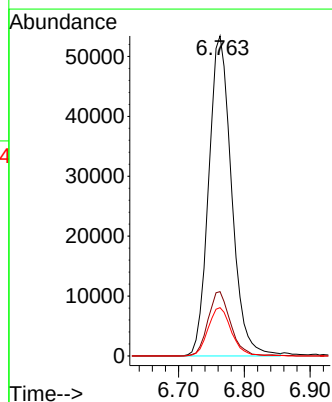
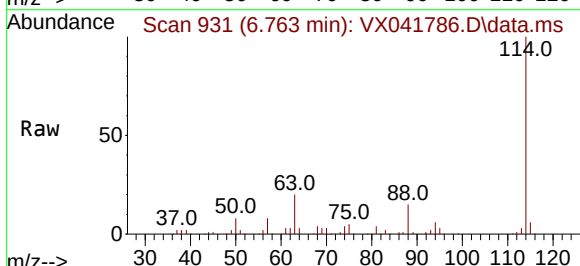
Tgt Ion: 114 Resp: 129356

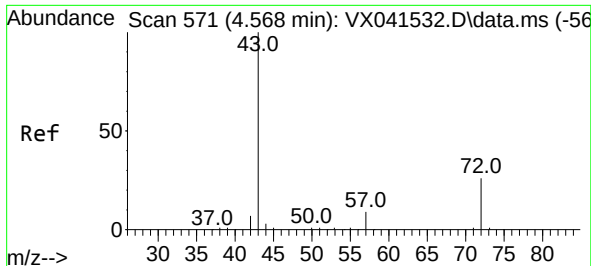
Ion Ratio Lower Upper

114 100

63 19.6 15.4 23.0

88 15.3 12.2 18.2

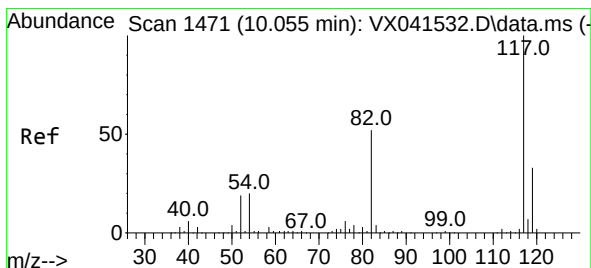
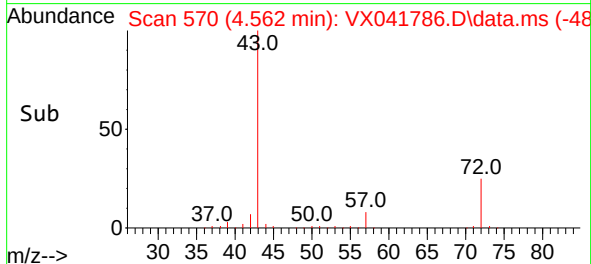
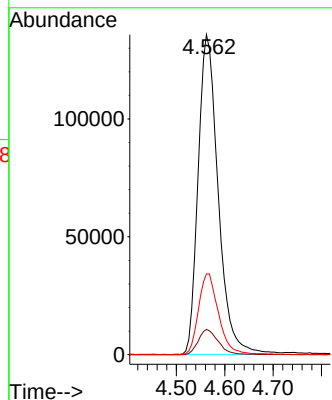
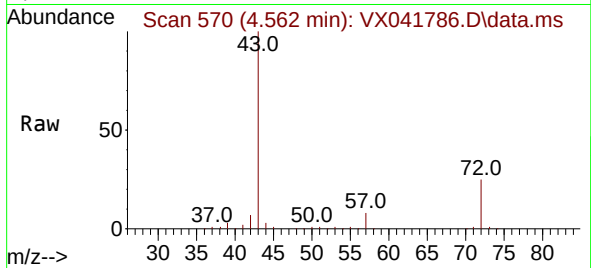




#30
2-Butanone
Concen: 344.395 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX041786.D
Acq: 07 Jun 2024 13:27

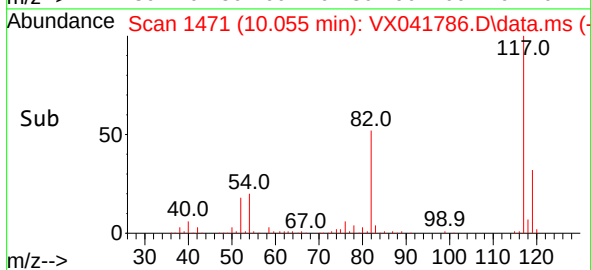
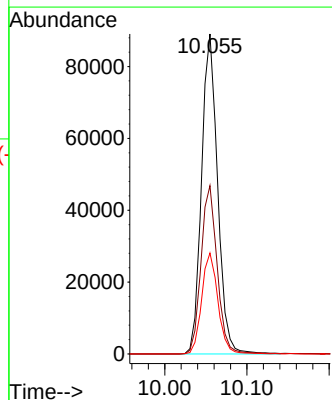
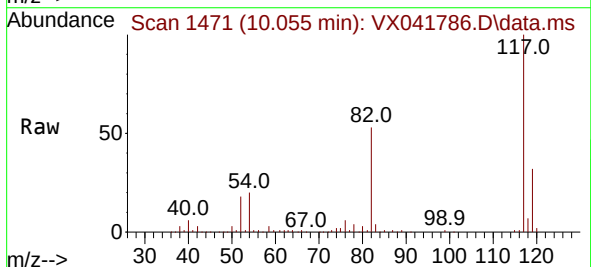
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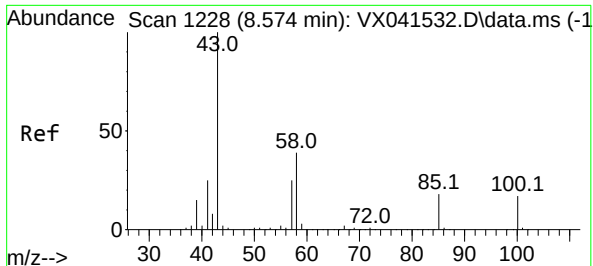
Tgt Ion: 43 Resp: 391155
Ion Ratio Lower Upper
43 100
57 7.8 6.6 10.0
72 25.3 20.7 31.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041786.D
Acq: 07 Jun 2024 13:27

Tgt Ion: 117 Resp: 120904
Ion Ratio Lower Upper
117 100
82 53.1 41.7 62.5
119 32.0 25.7 38.5





#58

4-Methyl-2-Pentanone

Concen: 5.214 ug/l

RT: 8.580 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX041786.D

Acq: 07 Jun 2024 13:27

Instrument :

MSVOA_X

ClientSampleId :

002-35TH-AVE(JUN)

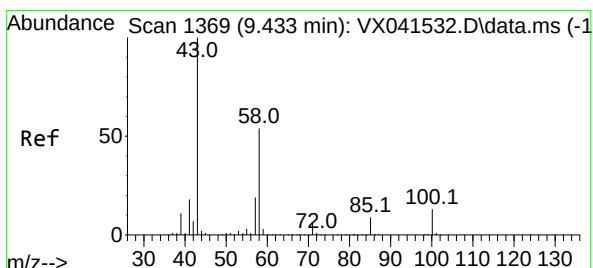
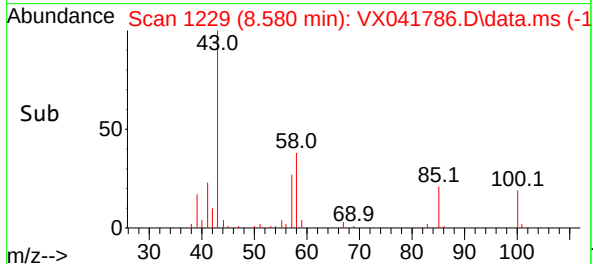
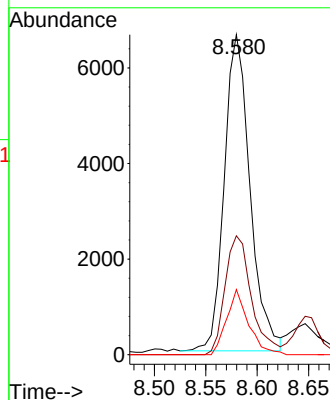
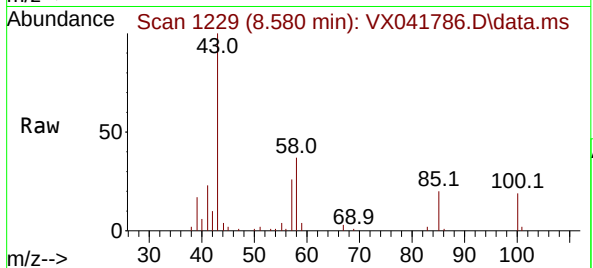
Tgt Ion: 43 Resp: 11518

Ion Ratio Lower Upper

43 100

58 38.7 30.2 45.4

85 17.6 14.6 21.8



#59

2-Hexanone

Concen: 0.994 ug/l

RT: 9.439 min Scan# 1370

Delta R.T. 0.006 min

Lab File: VX041786.D

Acq: 07 Jun 2024 13:27

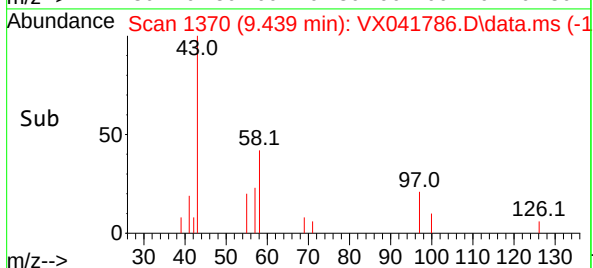
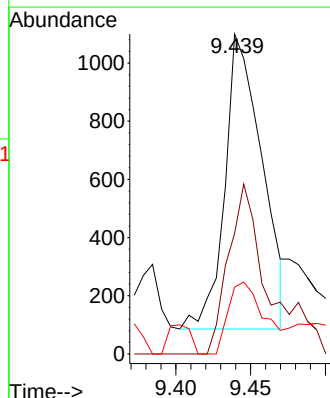
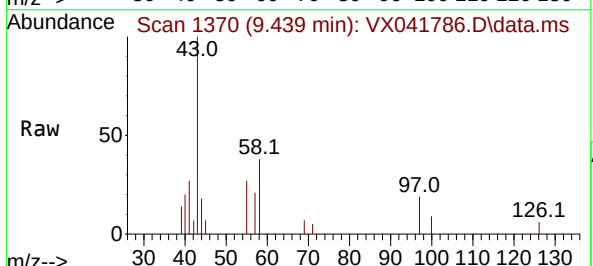
Tgt Ion: 43 Resp: 1750

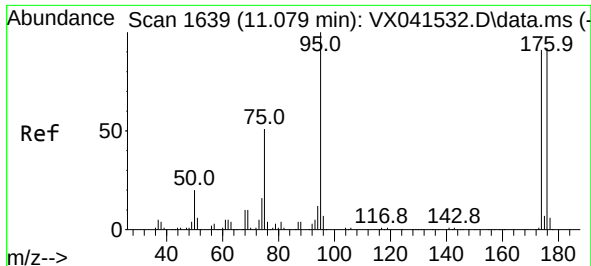
Ion Ratio Lower Upper

43 100

58 54.2 42.3 63.5

57 23.5 15.1 22.7#

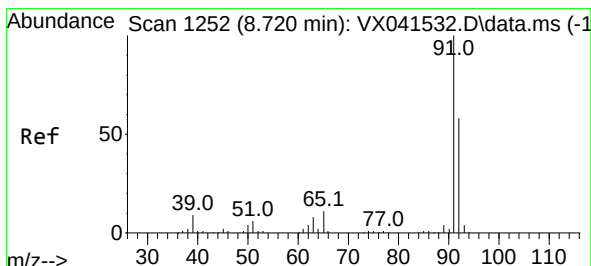
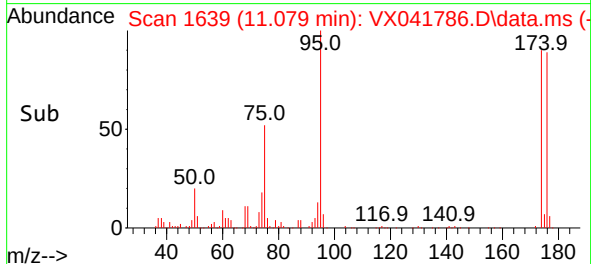
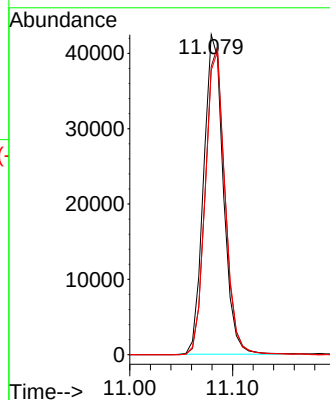
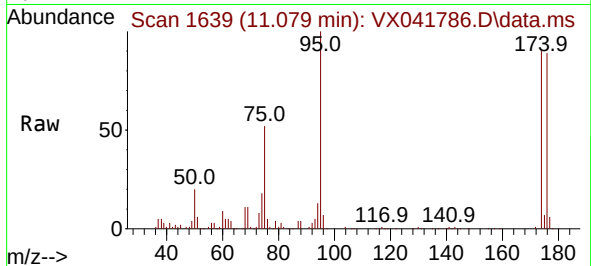




#60
4-Bromofluorobenzene
Concen: 29.951 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041786.D
Acq: 07 Jun 2024 13:27

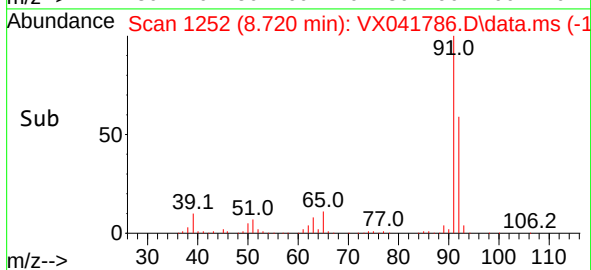
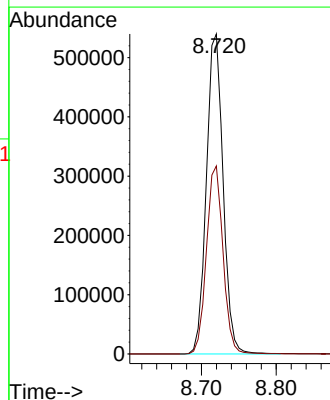
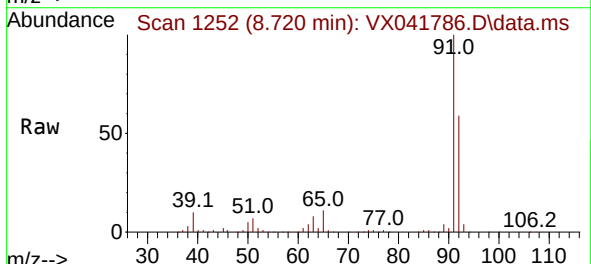
Instrument :
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002-35TH-AVE(JUN)

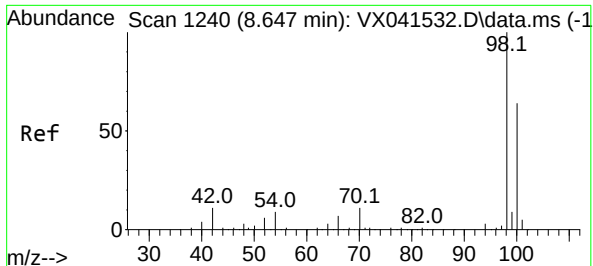
Tgt Ion: 95 Resp: 56530
Ion Ratio Lower Upper
95 100
174 95.8 76.6 115.0
176 94.8 75.4 113.0



#62
Toluene
Concen: 139.129 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX041786.D
Acq: 07 Jun 2024 13:27

Tgt Ion: 91 Resp: 837003
Ion Ratio Lower Upper
91 100
92 58.3 47.0 70.6

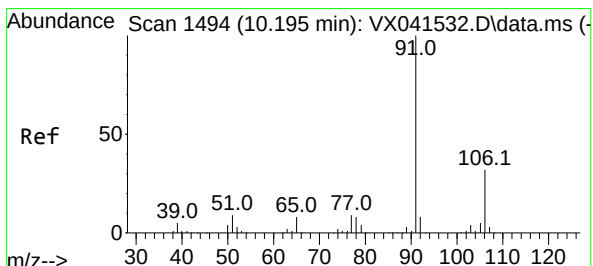
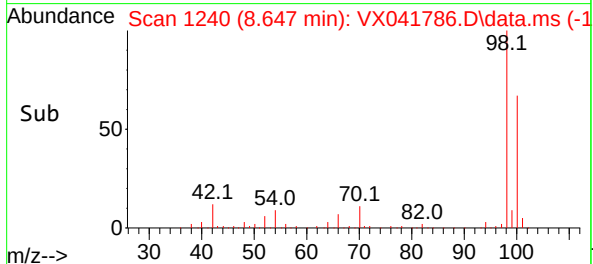
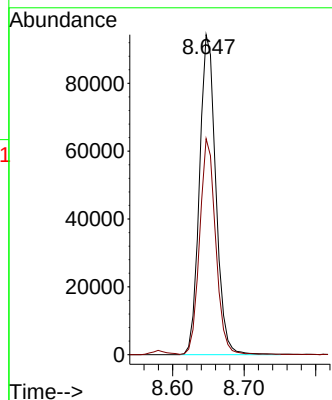
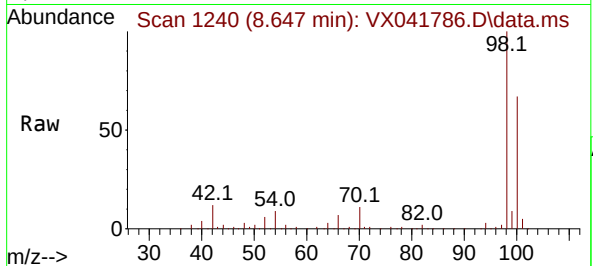




#63
Toluene-d8
Concen: 28.831 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041786.D
Acq: 07 Jun 2024 13:27

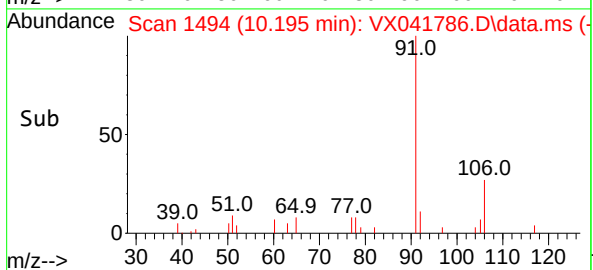
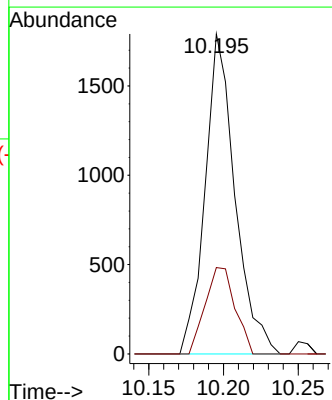
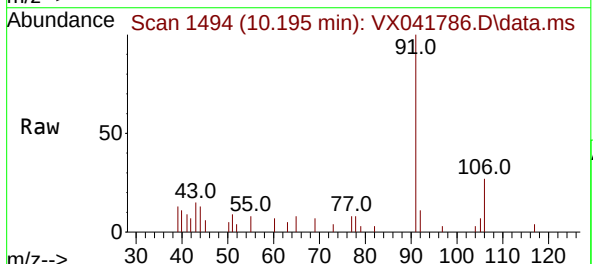
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JUN)

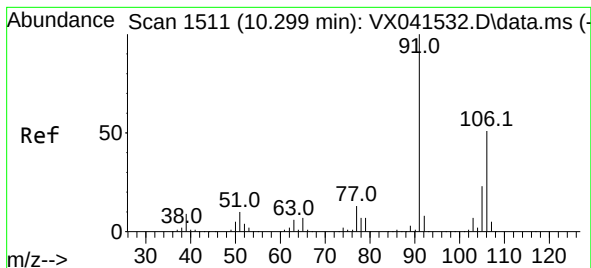
Tgt Ion: 98 Resp: 149421
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#66
Ethyl Benzene
Concen: 0.373 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041786.D
Acq: 07 Jun 2024 13:27

Tgt Ion: 91 Resp: 2491
Ion Ratio Lower Upper
91 100
106 27.0 25.9 38.9

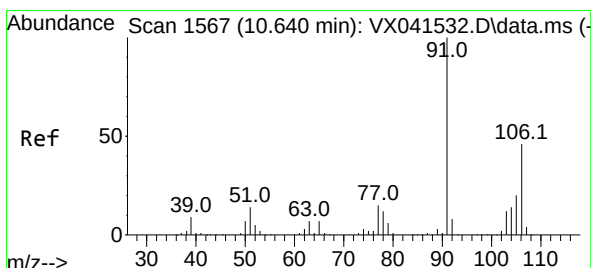
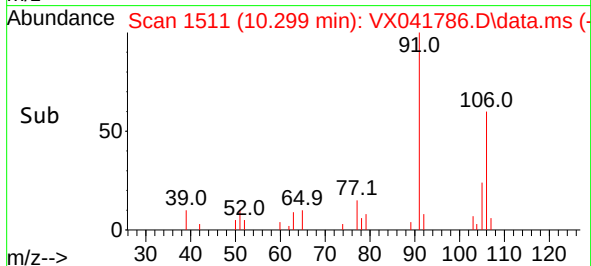
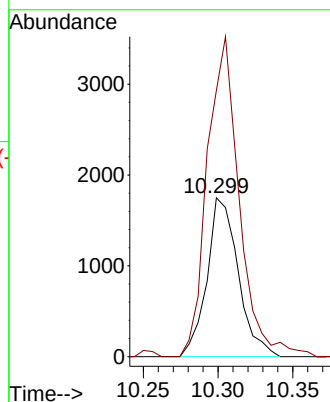
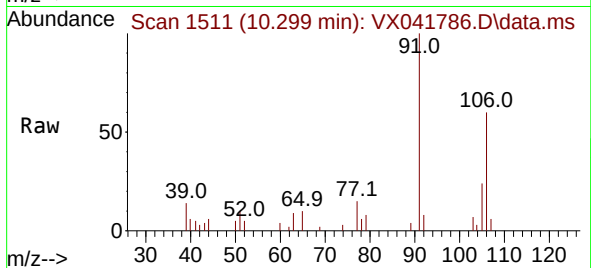




#67
m/p-Xylenes
Concen: 0.973 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041786.D
Acq: 07 Jun 2024 13:27

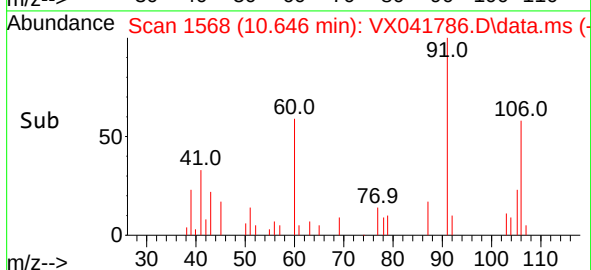
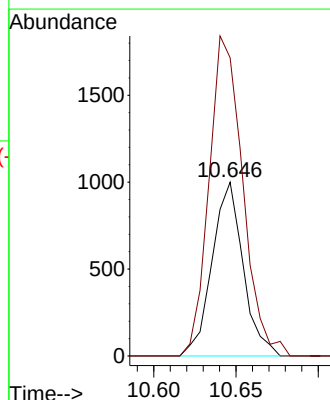
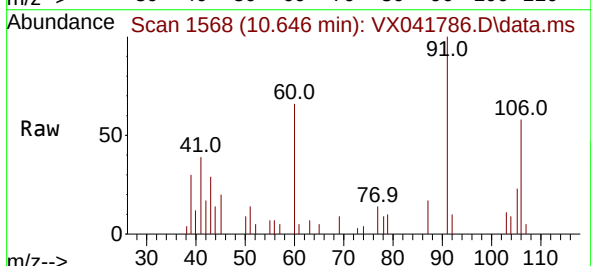
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JUN)

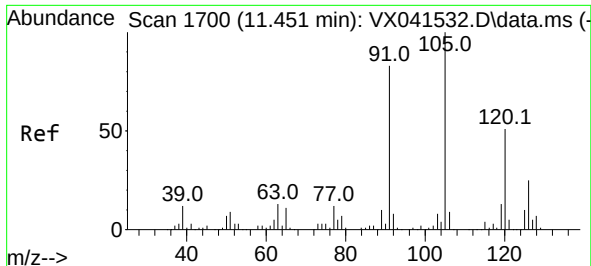
Tgt Ion:106 Resp: 2541
Ion Ratio Lower Upper
106 100
91 206.3 156.5 234.7



#68
o-Xylene
Concen: 0.499 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX041786.D
Acq: 07 Jun 2024 13:27

Tgt Ion:106 Resp: 1312
Ion Ratio Lower Upper
106 100
91 199.9 105.2 315.6

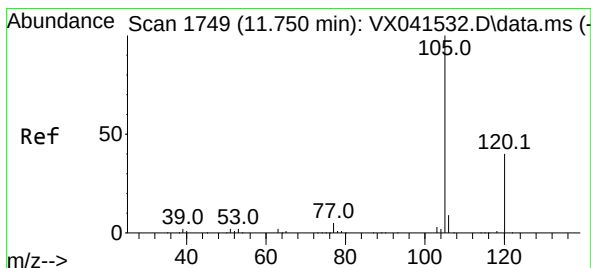
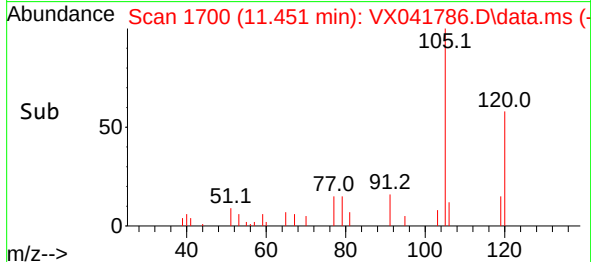
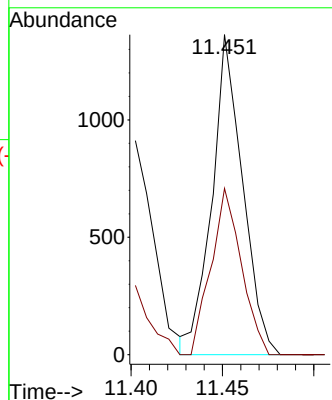
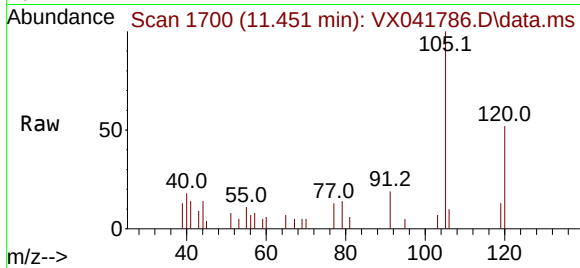




#76
1,3,5-Trimethylbenzene
Concen: 0.280 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041786.D
Acq: 07 Jun 2024 13:27

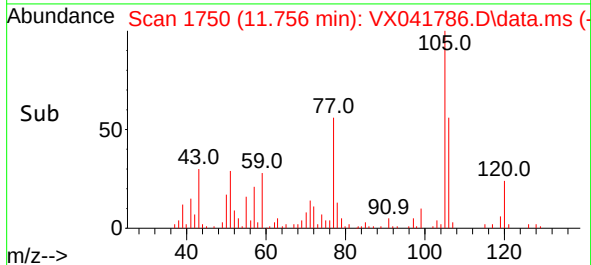
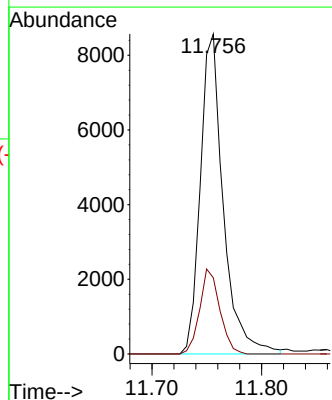
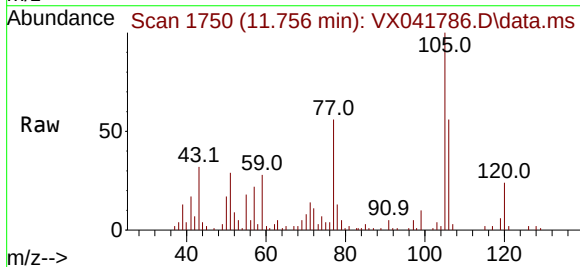
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JUN)

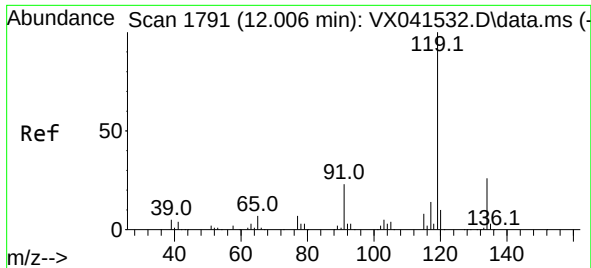
Tgt Ion:105 Resp: 1588
Ion Ratio Lower Upper
105 100
120 51.6 0.0 102.6



#80
1,2,4-Trimethylbenzene
Concen: 2.189 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX041786.D
Acq: 07 Jun 2024 13:27

Tgt Ion:105 Resp: 12445
Ion Ratio Lower Upper
105 100
120 23.3 0.0 92.2

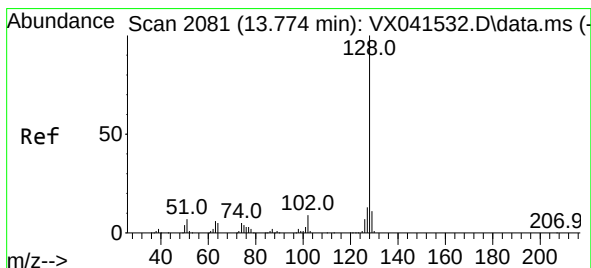
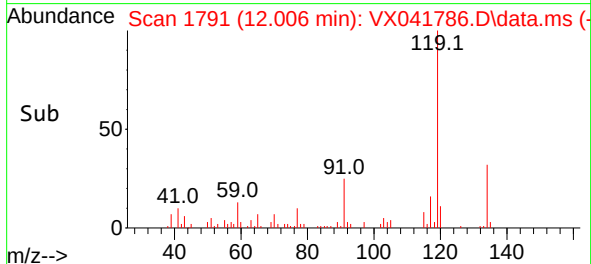
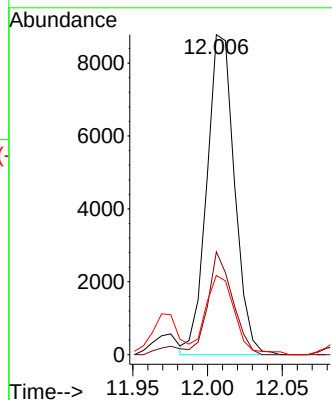
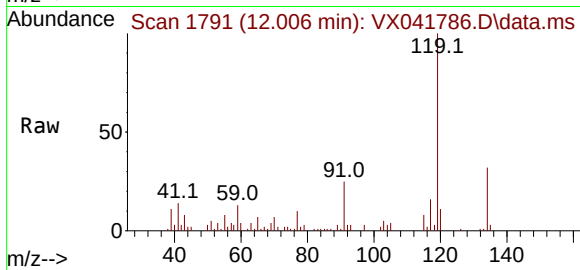




#82
p-Isopropyltoluene
Concen: 1.838 ug/l
RT: 12.006 min Scan# 119
Delta R.T. 0.000 min
Lab File: VX041786.D
Acq: 07 Jun 2024 13:27

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JUN)

Tgt Ion:	119	Resp:	11351
Ion	Ratio	Lower	Upper
119	100		
134	28.2	0.0	53.4
91	25.6	0.0	44.8



#91
Naphthalene
Concen: 1.161 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX041786.D
Acq: 07 Jun 2024 13:27

Tgt Ion:	128	Resp:	8336
Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.6	16.0
129	10.5	8.8	13.2

