

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042911.D
 Acq On : 07 Aug 2024 13:28
 Operator : JC/MD
 Sample : P3462-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 JC-1

Quant Time: Aug 07 13:55:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

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

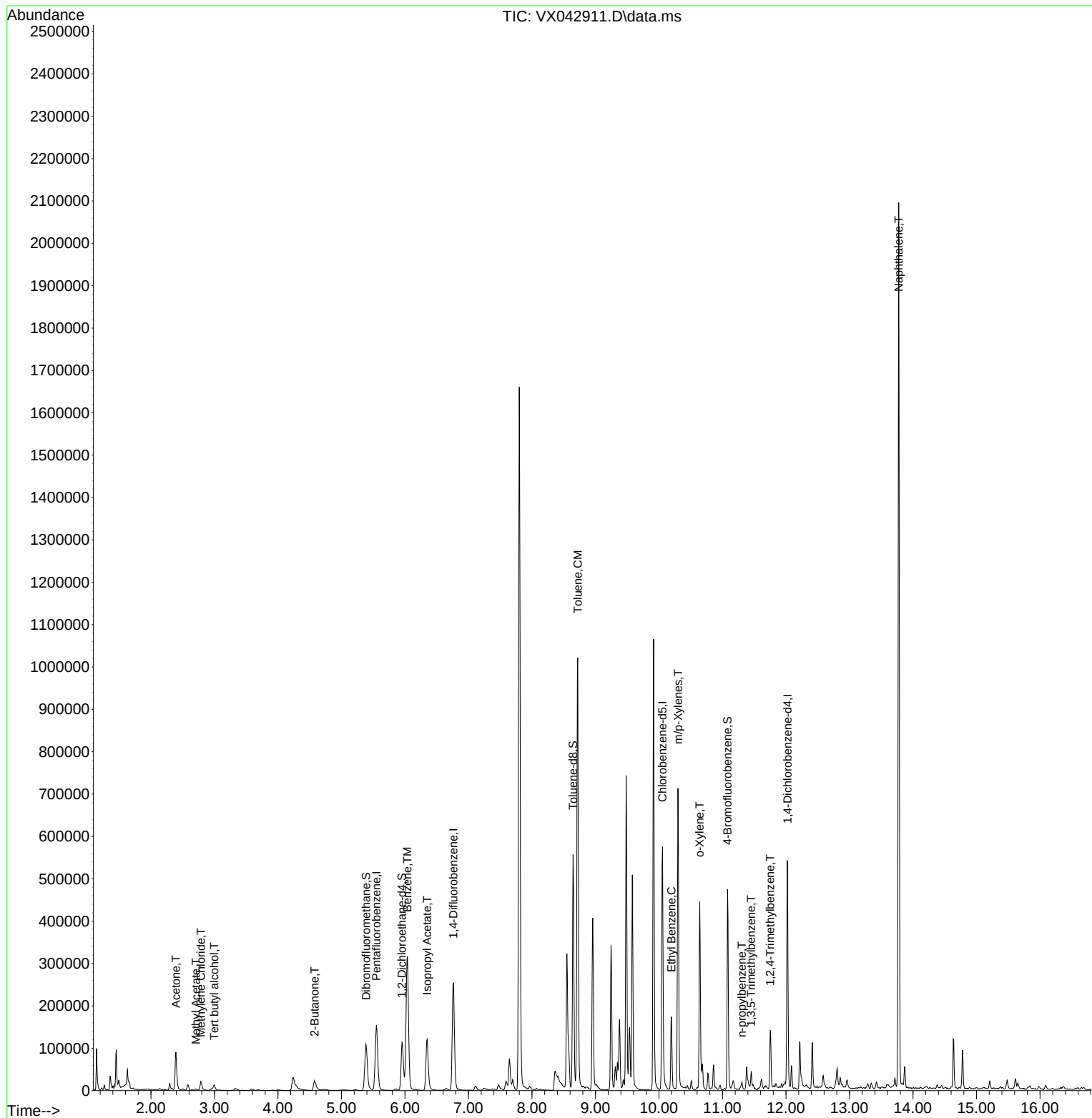
Internal Standards						
1) Pentafluorobenzene	5.550	168	146218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	271079	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	263932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	114190	56.888	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 113.780%	
35) Dibromofluoromethane	5.385	113	95715	54.002	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.000%	
50) Toluene-d8	8.647	98	333416	52.988	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.980%	
62) 4-Bromofluorobenzene	11.079	95	127807	56.524	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.040%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.995	59	17883	44.790	ug/l #	89
16) Acetone	2.392	43	106601	122.440	ug/l	91
18) Methyl Acetate	2.709	43	4357	1.578	ug/l #	90
20) Methylene Chloride	2.788	84	11486	5.508	ug/l	87
25) 2-Butanone	4.574	43	42865	31.351	ug/l	95
40) Benzene	6.038	78	395815	53.071	ug/l	99
43) Isopropyl Acetate	6.349	43	162159	36.468	ug/l	96
52) Toluene	8.720	92	394209	87.138	ug/l	94
67) Ethyl Benzene	10.195	91	105035	11.149	ug/l	99
68) m/p-Xylenes	10.299	106	161205	44.823	ug/l	99
69) o-Xylene	10.640	106	78387	21.757	ug/l	100
78) n-propylbenzene	11.305	91	8360	0.889	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	18199	2.595	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	55834	7.909	ug/l	86
95) Naphthalene	13.774	128	1273589	154.548	ug/l	100

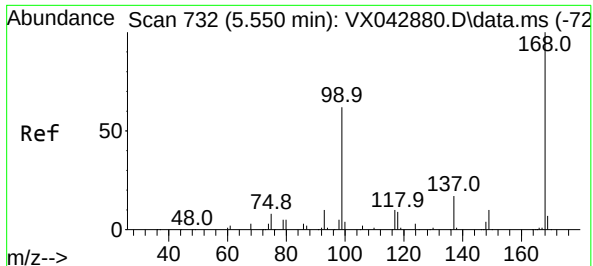
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

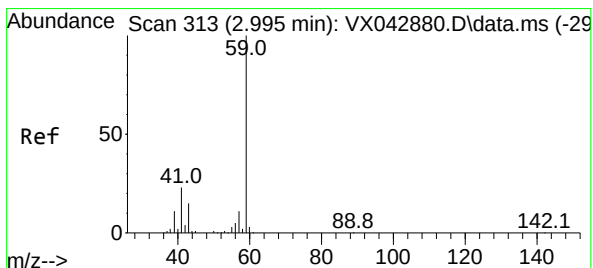
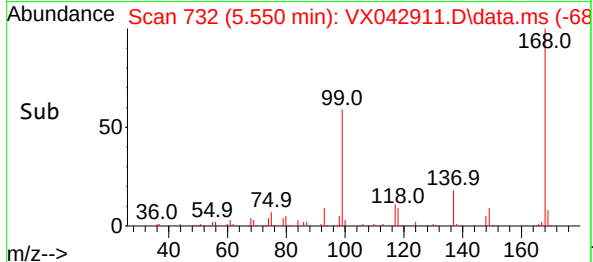
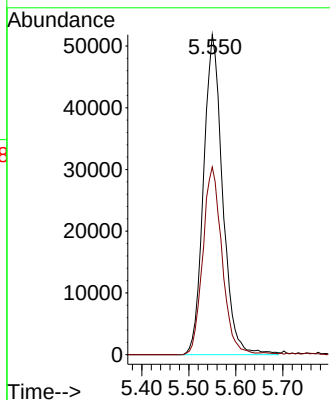
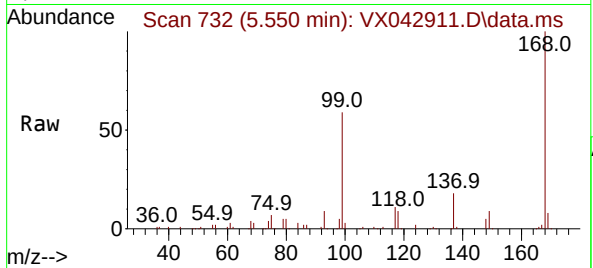




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX042911.D
Acq: 07 Aug 2024 13:28

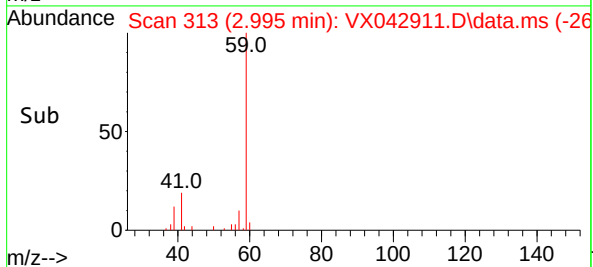
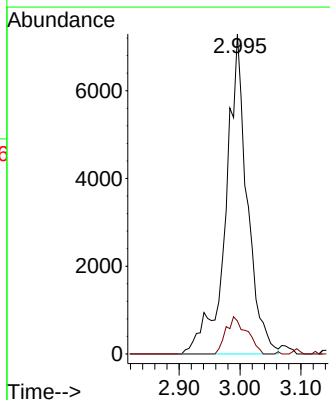
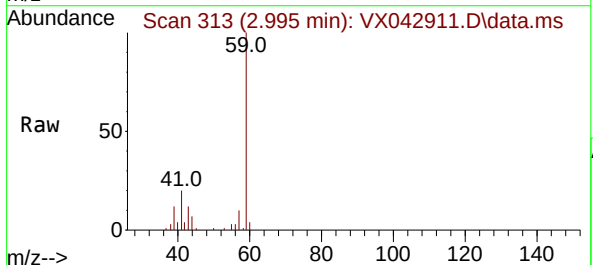
Instrument :
MSVOA_X
ClientSampleId :
JC-1

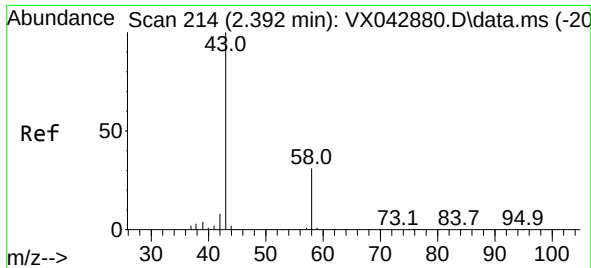
Tgt Ion:168 Resp: 146218
Ion Ratio Lower Upper
168 100
99 58.7 56.6 85.0



#11
Tert butyl alcohol
Concen: 44.790 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.000 min
Lab File: VX042911.D
Acq: 07 Aug 2024 13:28

Tgt Ion: 59 Resp: 17883
Ion Ratio Lower Upper
59 100
57 11.3 6.0 9.0#

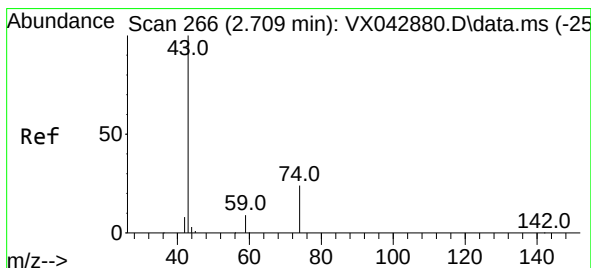
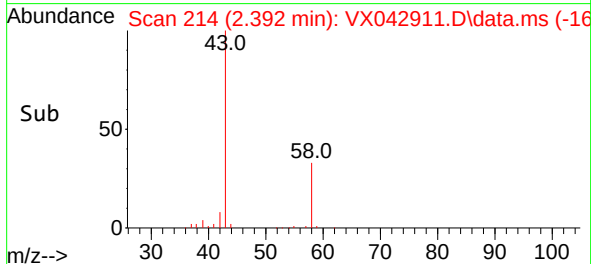
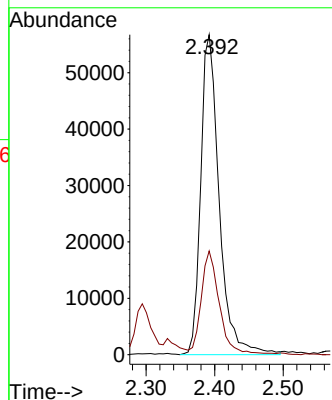
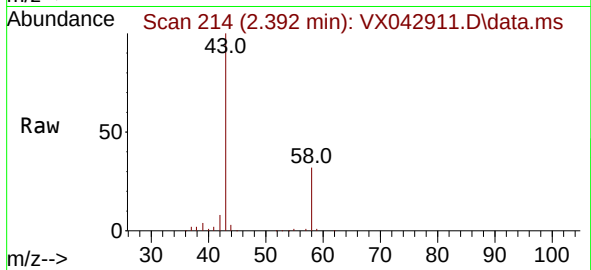




#16
Acetone
Concen: 122.440 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX042911.D
Acq: 07 Aug 2024 13:28

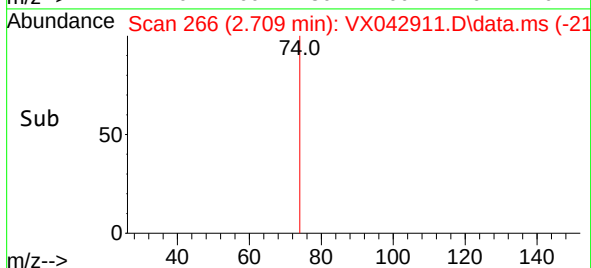
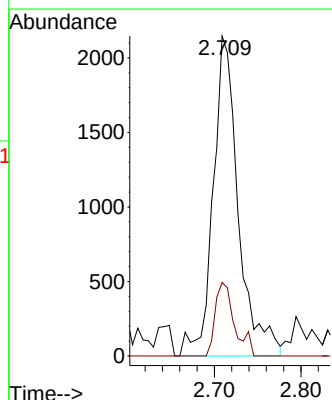
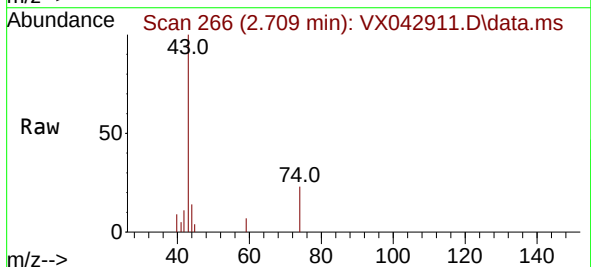
Instrument :
MSVOA_X
ClientSampleId :
JC-1

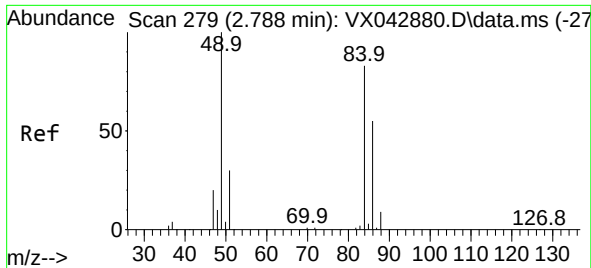
Tgt Ion: 43 Resp: 106601
Ion Ratio Lower Upper
43 100
58 31.9 21.9 32.9



#18
Methyl Acetate
Concen: 1.578 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX042911.D
Acq: 07 Aug 2024 13:28

Tgt Ion: 43 Resp: 4357
Ion Ratio Lower Upper
43 100
74 17.4 17.8 26.8#

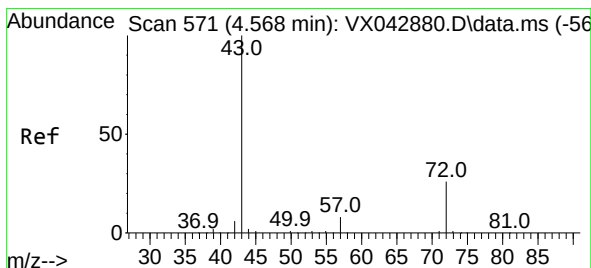
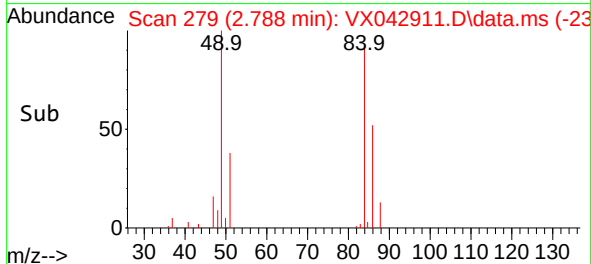
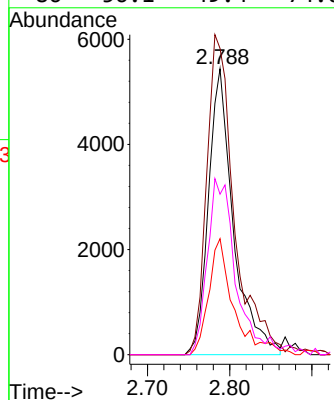
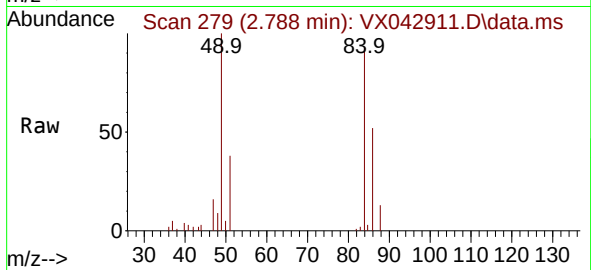




#20
Methylene Chloride
Concen: 5.508 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX042911.D
Acq: 07 Aug 2024 13:28

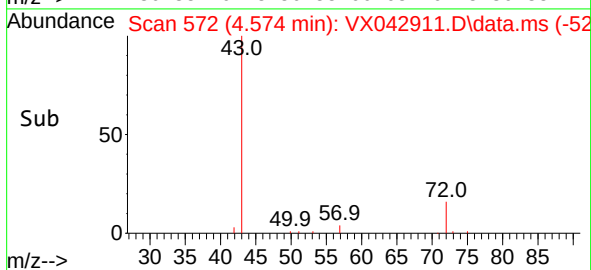
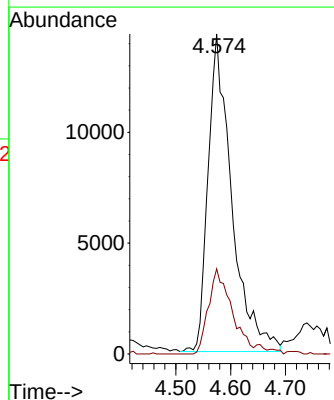
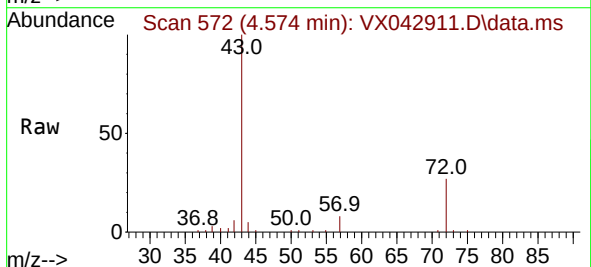
Instrument :
MSVOA_X
ClientSampleId :
JC-1

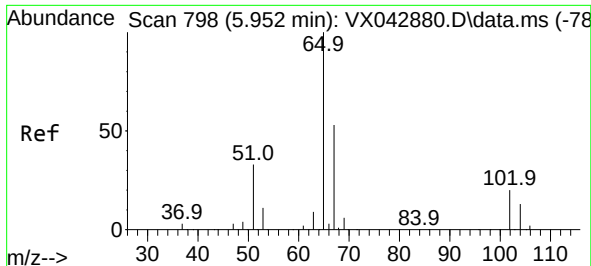
Tgt Ion: 84	Resp: 11486		
Ion	Ratio	Lower	Upper
84	100		
49	107.1	103.6	155.4
51	40.5	33.8	50.6
86	56.1	49.4	74.0



#25
2-Butanone
Concen: 31.351 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX042911.D
Acq: 07 Aug 2024 13:28

Tgt Ion: 43	Resp: 42865
Ion Ratio	Lower Upper
43 100	
72 26.8	19.4 29.2





#33

1,2-Dichloroethane-d4

Concen: 56.888 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX042911.D

Acq: 07 Aug 2024 13:28

Instrument :

MSVOA_X

ClientSampleId :

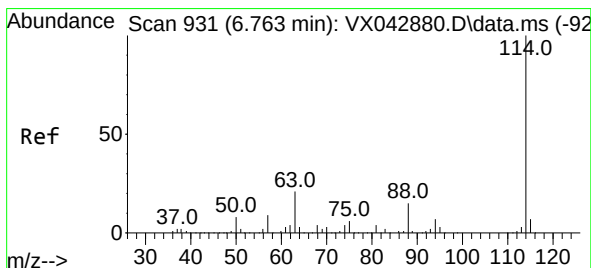
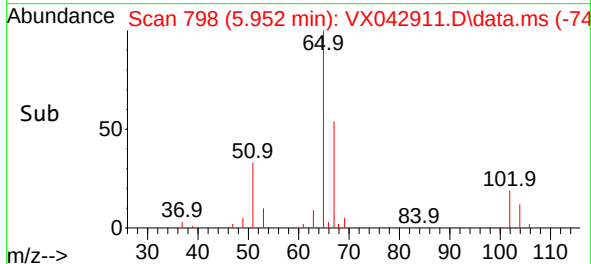
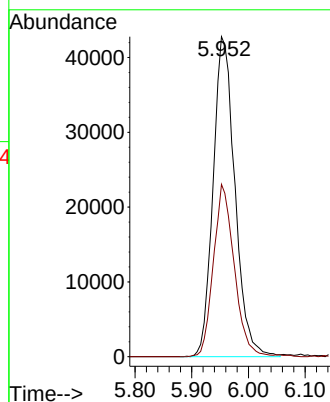
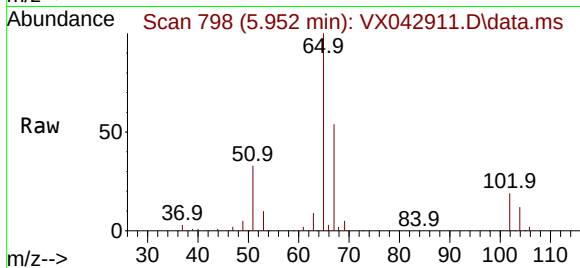
JC-1

Tgt Ion: 65 Resp: 114190

Ion Ratio Lower Upper

65 100

67 51.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX042911.D

Acq: 07 Aug 2024 13:28

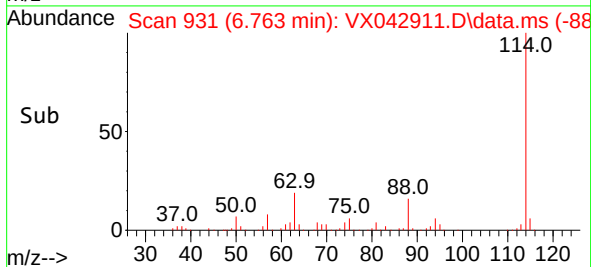
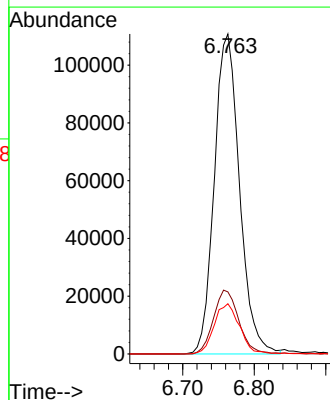
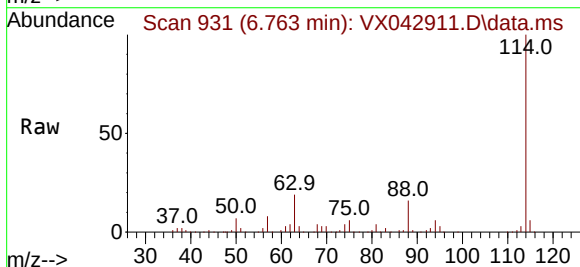
Tgt Ion: 114 Resp: 271079

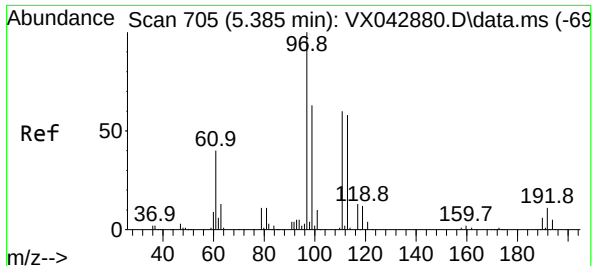
Ion Ratio Lower Upper

114 100

63 19.4 0.0 45.0

88 15.7 0.0 36.6

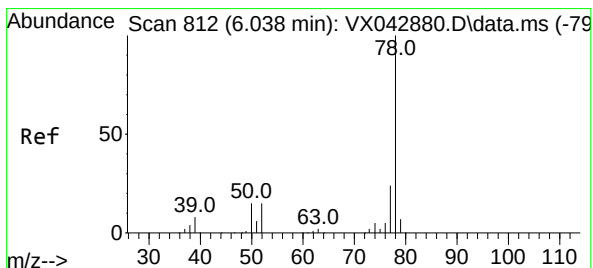
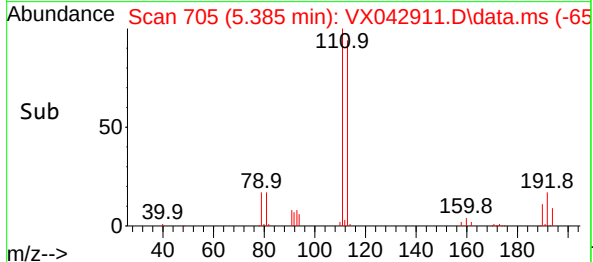
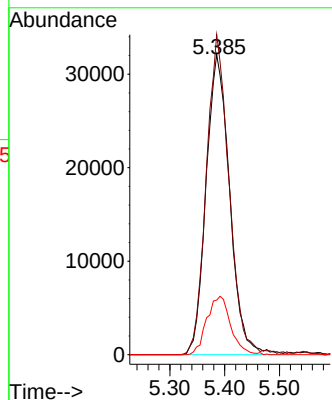
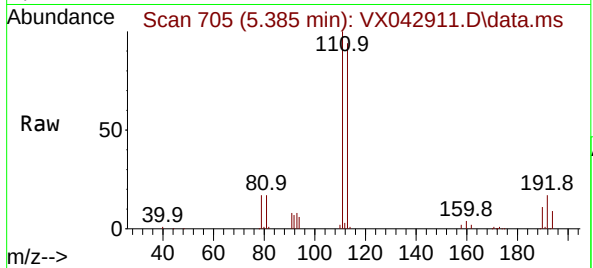




#35
Dibromofluoromethane
Concen: 54.002 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX042911.D
Acq: 07 Aug 2024 13:28

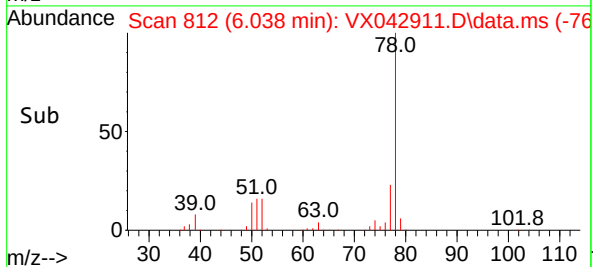
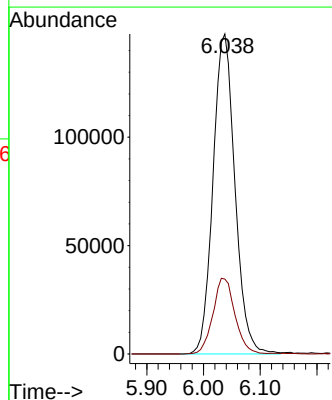
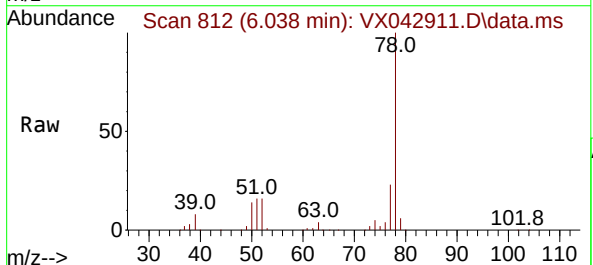
Instrument :
MSVOA_X
ClientSampleId :
JC-1

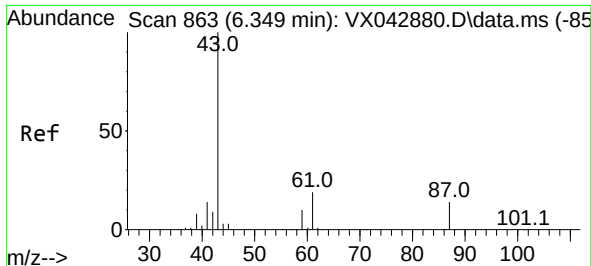
Tgt Ion:113 Resp: 95715
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 19.8 13.3 19.9



#40
Benzene
Concen: 53.071 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX042911.D
Acq: 07 Aug 2024 13:28

Tgt Ion: 78 Resp: 395815
Ion Ratio Lower Upper
78 100
77 23.4 19.3 28.9





#43

Isopropyl Acetate

Concen: 36.468 ug/l

RT: 6.349 min Scan# 863

Delta R.T. 0.000 min

Lab File: VX042911.D

Acq: 07 Aug 2024 13:28

Instrument :

MSVOA_X

ClientSampleId :

JC-1

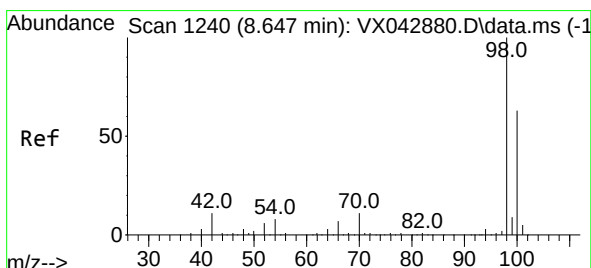
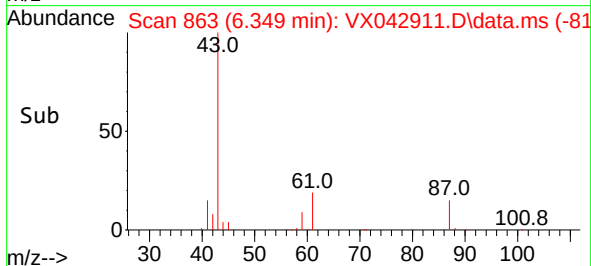
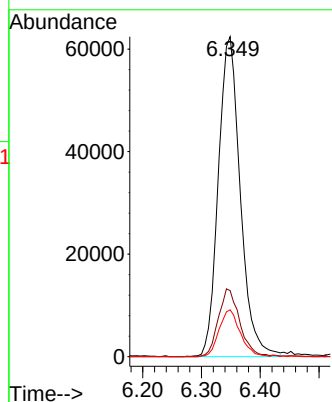
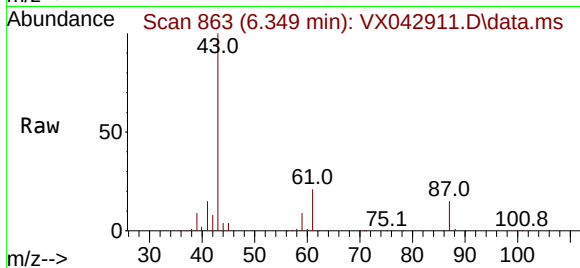
Tgt Ion: 43 Resp: 162159

Ion Ratio Lower Upper

43 100

61 20.7 15.2 22.8

87 14.1 9.8 14.6



#50

Toluene-d8

Concen: 52.988 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX042911.D

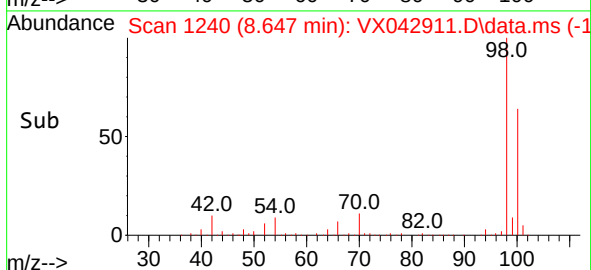
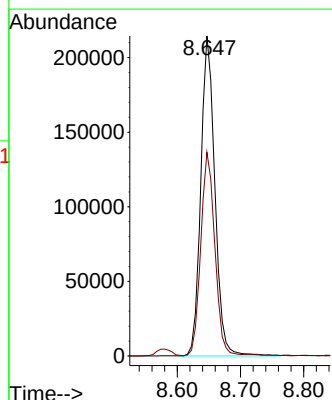
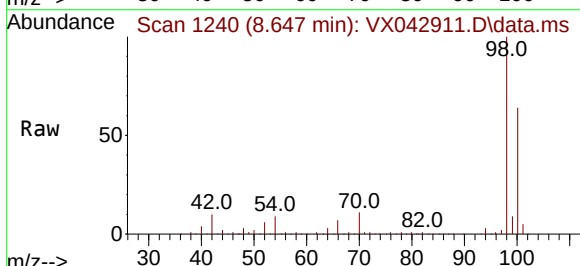
Acq: 07 Aug 2024 13:28

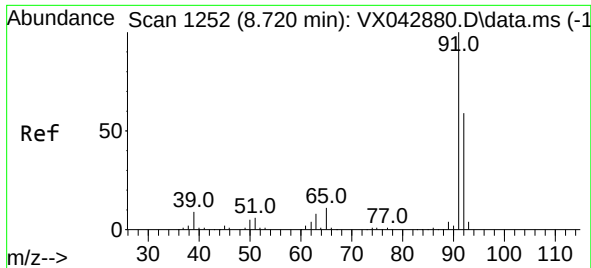
Tgt Ion: 98 Resp: 333416

Ion Ratio Lower Upper

98 100

100 63.0 53.1 79.7

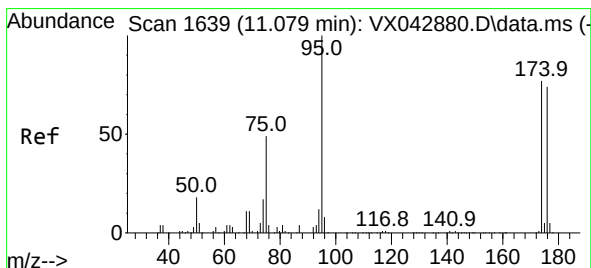
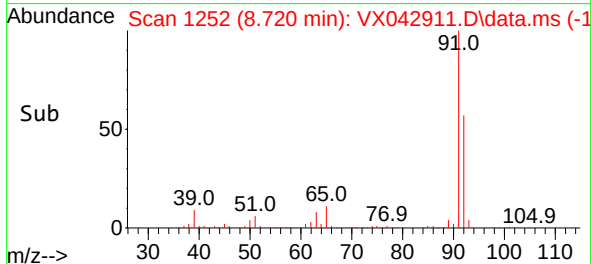
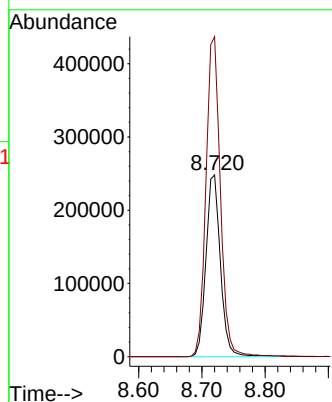
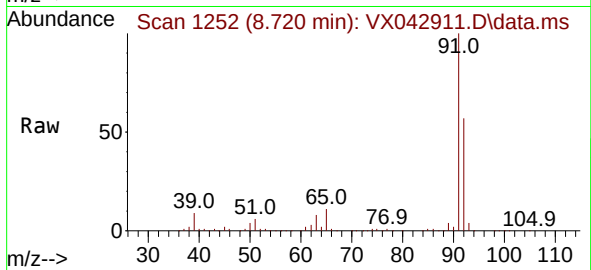




#52
Toluene
Concen: 87.138 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX042911.D
Acq: 07 Aug 2024 13:28

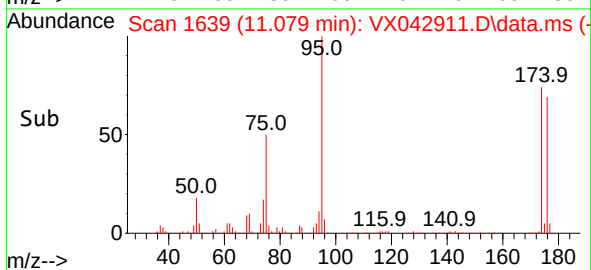
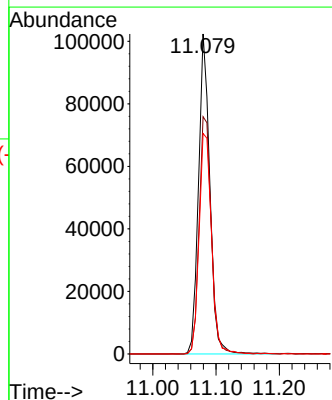
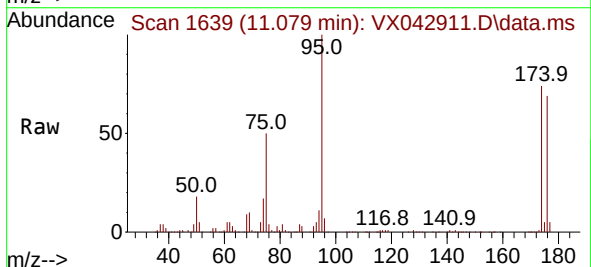
Instrument :
MSVOA_X
ClientSampleId :
JC-1

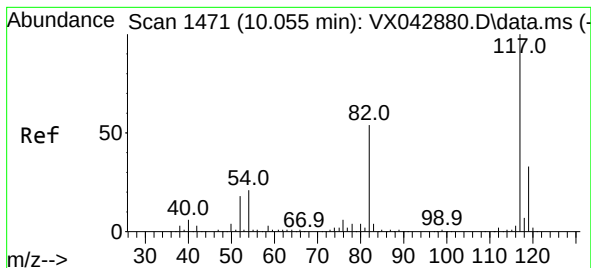
Tgt Ion: 92 Resp: 394209
Ion Ratio Lower Upper
92 100
91 176.4 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 56.524 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042911.D
Acq: 07 Aug 2024 13:28

Tgt Ion: 95 Resp: 127807
Ion Ratio Lower Upper
95 100
174 79.8 0.0 135.6
176 75.4 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: VX042911.D

Acq: 07 Aug 2024 13:28

Instrument :

MSVOA_X

ClientSampleId :

JC-1

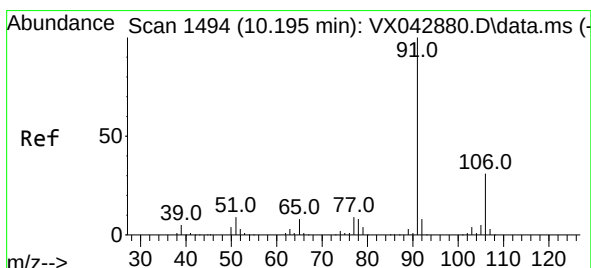
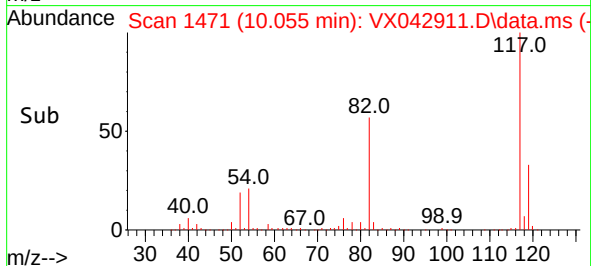
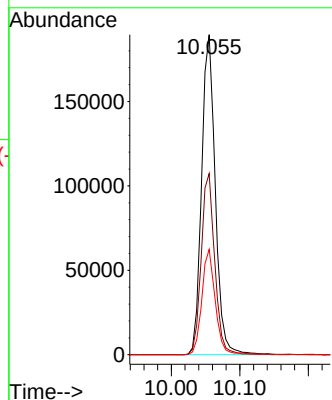
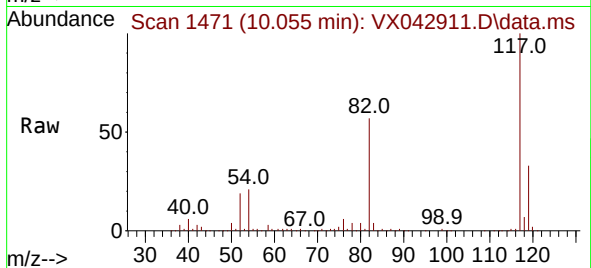
Tgt Ion:117 Resp: 263932

Ion Ratio Lower Upper

117 100

82 56.6 46.2 69.4

119 32.9 25.5 38.3



#67

Ethyl Benzene

Concen: 11.149 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX042911.D

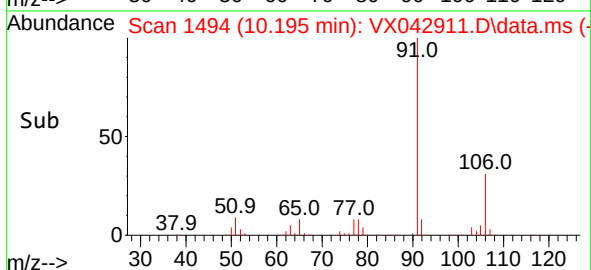
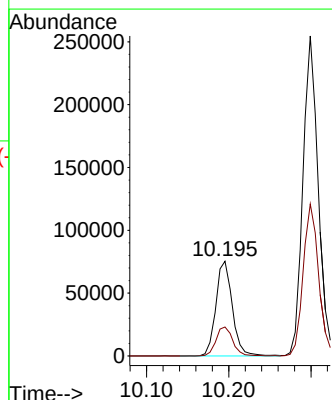
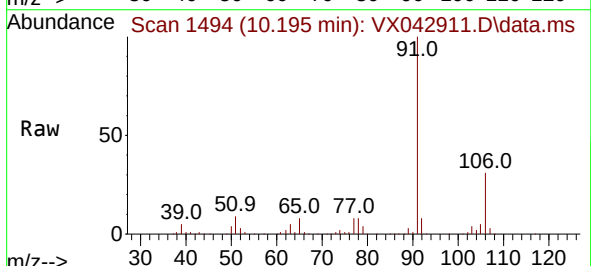
Acq: 07 Aug 2024 13:28

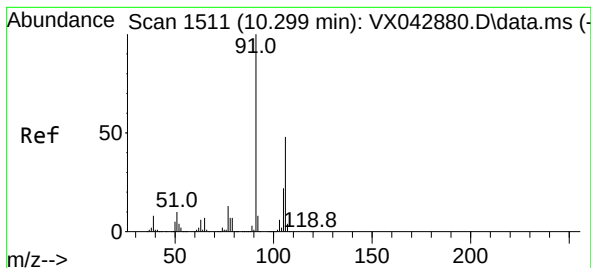
Tgt Ion: 91 Resp: 105035

Ion Ratio Lower Upper

91 100

106 30.6 24.9 37.3

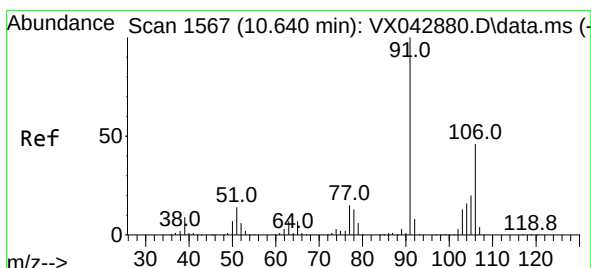
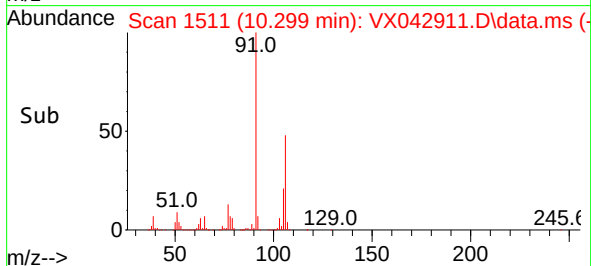
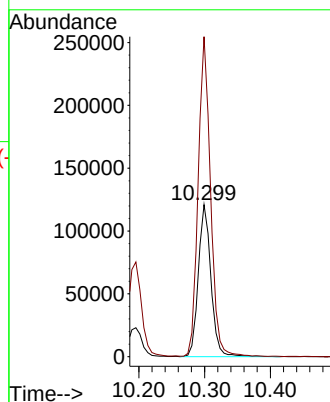
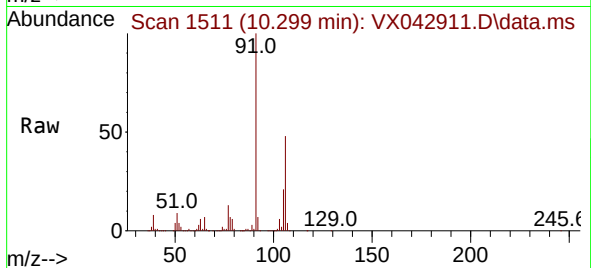




#68
m/p-Xylenes
Concen: 44.823 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX042911.D
Acq: 07 Aug 2024 13:28

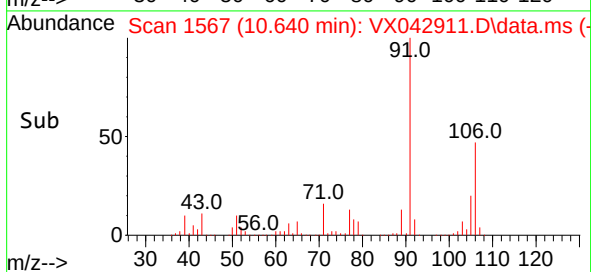
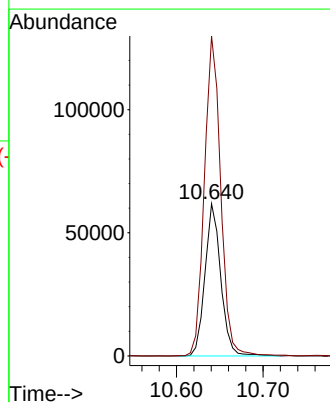
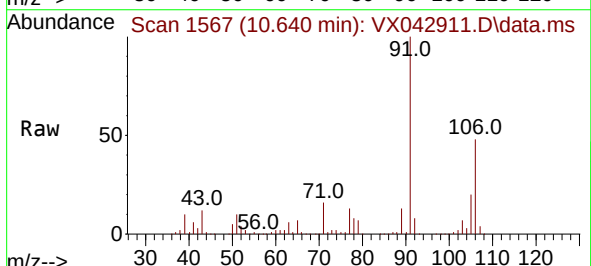
Instrument :
MSVOA_X
ClientSampleId :
JC-1

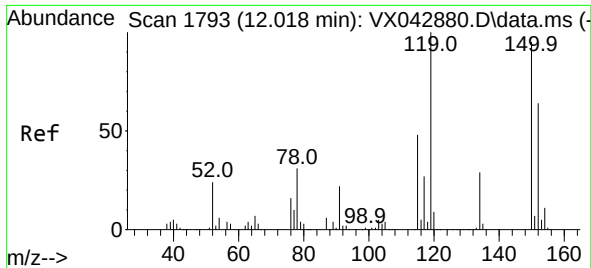
Tgt Ion:106 Resp: 161205
Ion Ratio Lower Upper
106 100
91 205.7 165.5 248.3



#69
o-Xylene
Concen: 21.757 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX042911.D
Acq: 07 Aug 2024 13:28

Tgt Ion:106 Resp: 78387
Ion Ratio Lower Upper
106 100
91 217.3 108.9 326.8

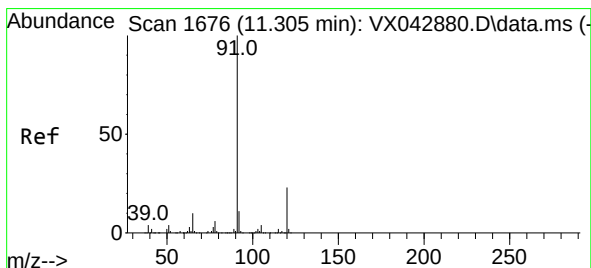
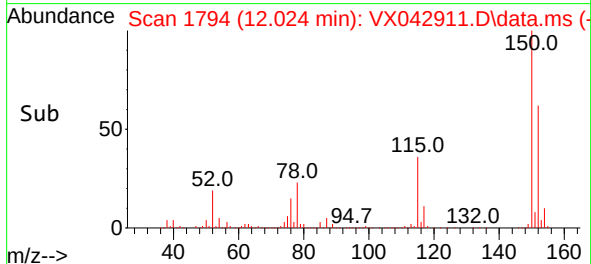
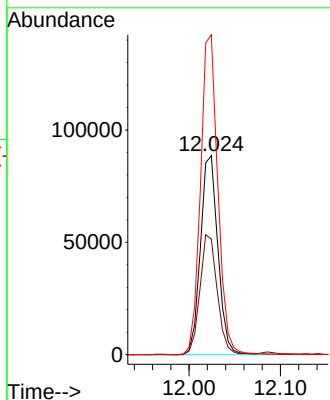
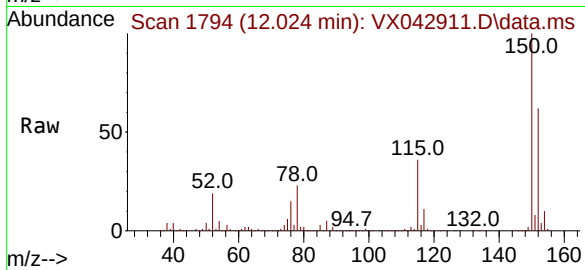




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX042911.D
 Acq: 07 Aug 2024 13:28

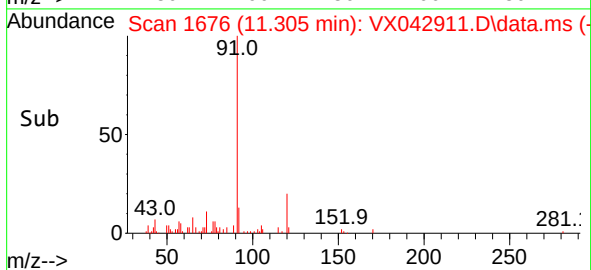
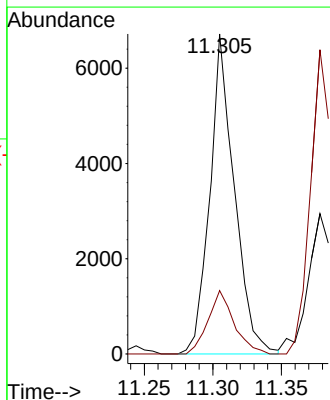
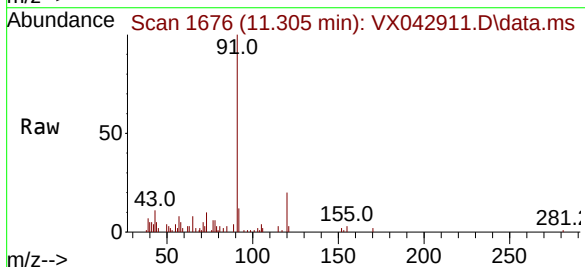
Instrument :
 MSVOA_X
 ClientSampleId :
 JC-1

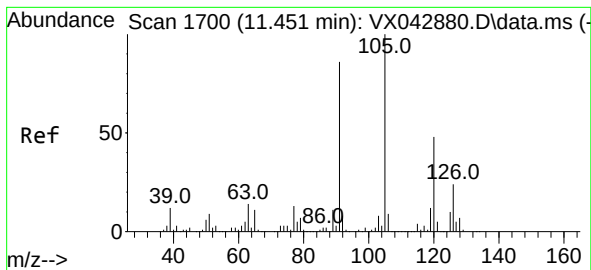
Tgt Ion:152 Resp: 117137
 Ion Ratio Lower Upper
 152 100
 115 60.1 43.3 129.9
 150 159.9 0.0 345.0



#78
 n-propylbenzene
 Concen: 0.889 ug/l
 RT: 11.305 min Scan# 1676
 Delta R.T. 0.000 min
 Lab File: VX042911.D
 Acq: 07 Aug 2024 13:28

Tgt Ion: 91 Resp: 8360
 Ion Ratio Lower Upper
 91 100
 120 21.0 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 2.595 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX042911.D

Acq: 07 Aug 2024 13:28

Instrument :

MSVOA_X

ClientSampleId :

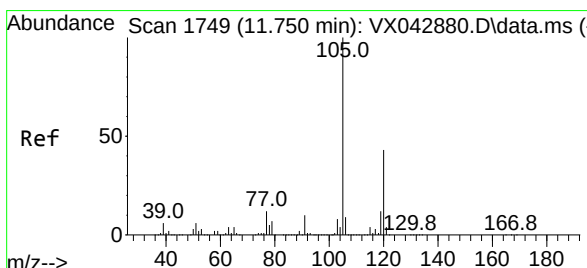
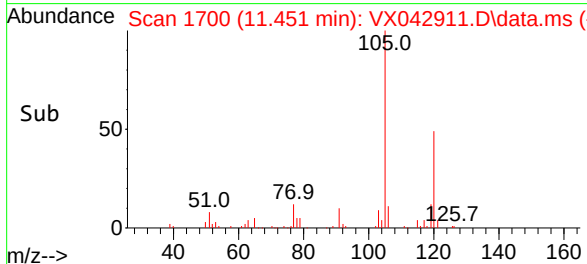
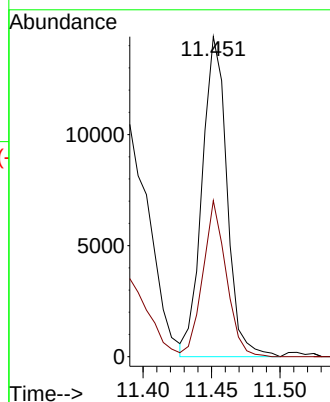
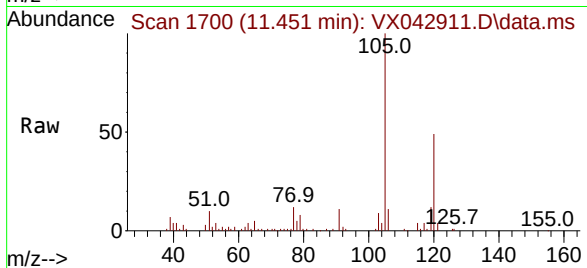
JC-1

Tgt Ion:105 Resp: 18199

Ion Ratio Lower Upper

105 100

120 45.9 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 7.909 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX042911.D

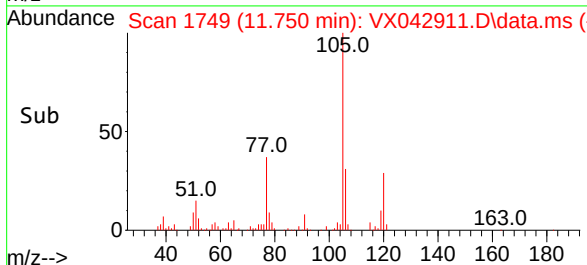
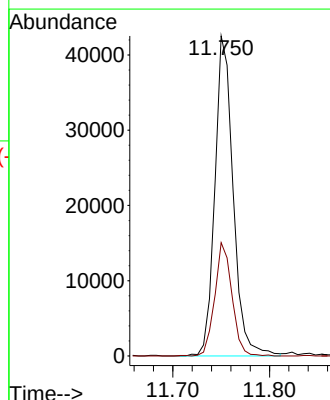
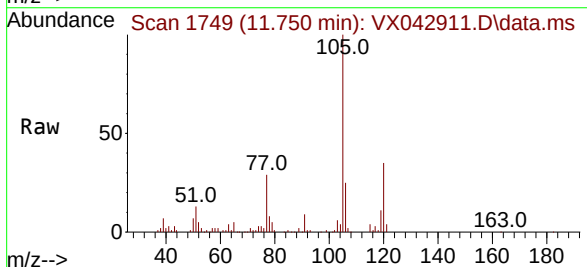
Acq: 07 Aug 2024 13:28

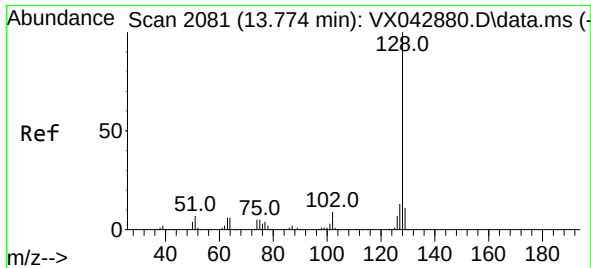
Tgt Ion:105 Resp: 55834

Ion Ratio Lower Upper

105 100

120 33.4 21.2 63.6





#95
Naphthalene
Concen: 154.548 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX042911.D
Acq: 07 Aug 2024 13:28

Instrument :
MSVOA_X
ClientSampleId :
JC-1

Tgt Ion:128 Resp: 1273589
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.0 8.8 13.2

