

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042912.D
 Acq On : 07 Aug 2024 13:51
 Operator : JC/MD
 Sample : P3462-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 JC-2

Quant Time: Aug 07 14:26:53 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)

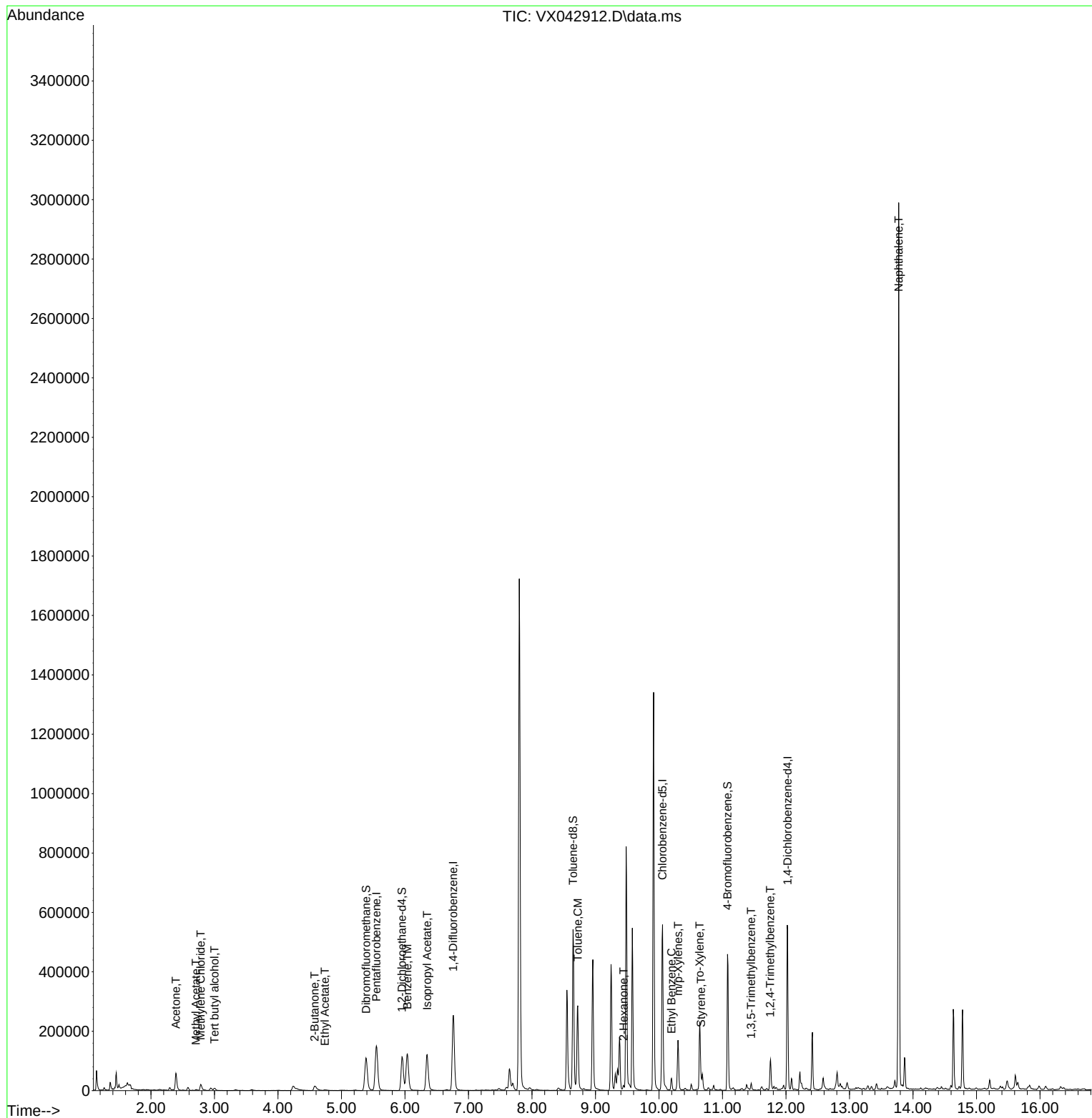
Internal Standards						
1) Pentafluorobenzene	5.550	168	145781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	274371	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	262786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	115413	57.669	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	115.340%
35) Dibromofluoromethane	5.385	113	98888	55.122	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.240%
50) Toluene-d8	8.647	98	326760	51.308	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.620%
62) 4-Bromofluorobenzene	11.079	95	124686	54.483	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.960%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	3.002	59	9663	24.275	ug/l	# 91
16) Acetone	2.392	43	69001	79.491	ug/l	95
18) Methyl Acetate	2.709	43	3464	1.258	ug/l	99
20) Methylene Chloride	2.782	84	12351	6.014	ug/l	87
25) 2-Butanone	4.574	43	30616	22.459	ug/l	98
37) Ethyl Acetate	4.739	43	5375	1.766	ug/l	# 95
40) Benzene	6.038	78	156164	20.687	ug/l	99
43) Isopropyl Acetate	6.349	43	170411	37.864	ug/l	97
52) Toluene	8.720	92	110695	24.175	ug/l	93
59) 2-Hexanone	9.439	43	9699	4.152	ug/l	95
67) Ethyl Benzene	10.195	91	24725	2.636	ug/l	100
68) m/p-Xylenes	10.299	106	38411	10.727	ug/l	96
69) o-Xylene	10.640	106	26307	7.334	ug/l	92
70) Styrene	10.659	104	15025	2.605	ug/l	# 79
80) 1,3,5-Trimethylbenzene	11.451	105	10253	1.398	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	39212	5.312	ug/l	79
95) Naphthalene	13.774	128	1763168	204.601	ug/l	100

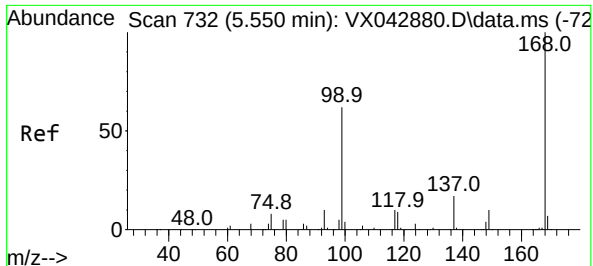
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
Data File : VX042912.D
Acq On : 07 Aug 2024 13:51
Operator : JC/MD
Sample : P3462-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
JC-2

Quant Time: Aug 07 14:26:53 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

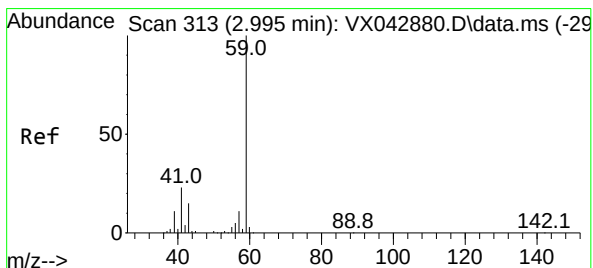
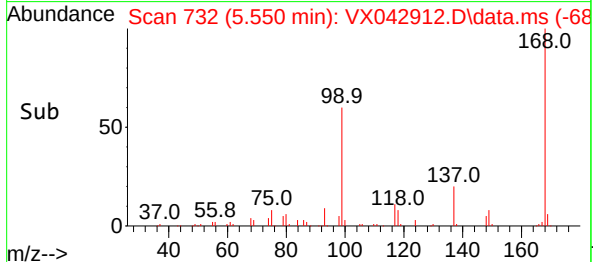
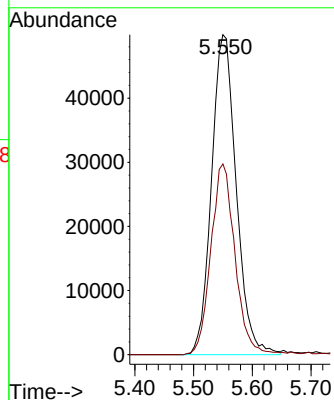
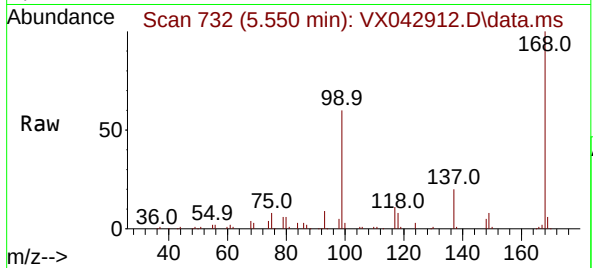




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042912.D
Acq: 07 Aug 2024 13:51

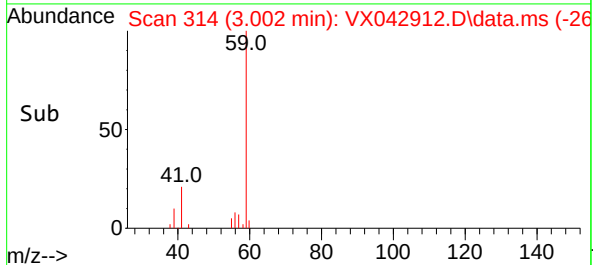
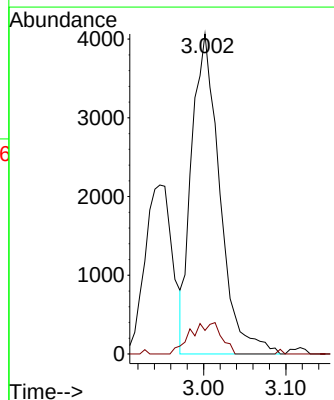
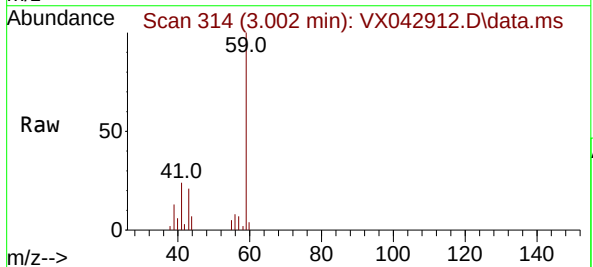
Instrument :
MSVOA_X
ClientSampleId :
JC-2

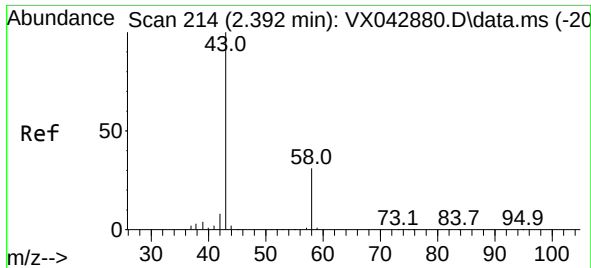
Tgt Ion:168 Resp: 145781
Ion Ratio Lower Upper
168 100
99 59.6 56.6 85.0



#11
Tert butyl alcohol
Concen: 24.275 ug/l
RT: 3.002 min Scan# 314
Delta R.T. 0.006 min
Lab File: VX042912.D
Acq: 07 Aug 2024 13:51

Tgt Ion: 59 Resp: 9663
Ion Ratio Lower Upper
59 100
57 10.8 6.0 9.0#

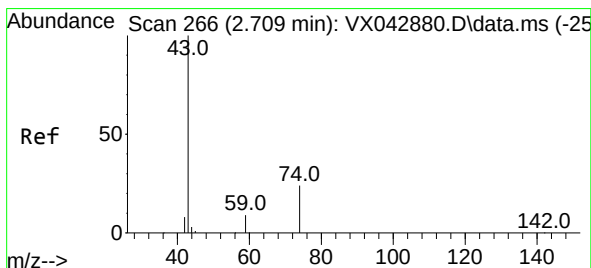
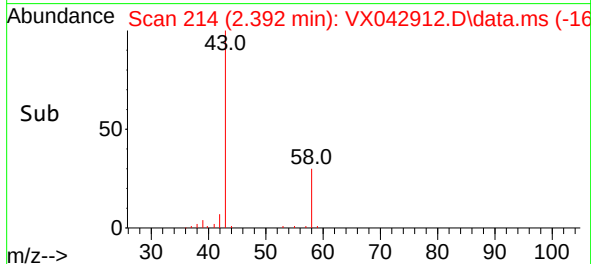
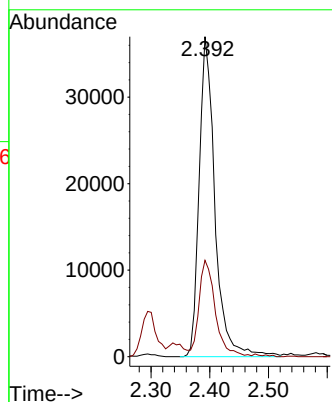
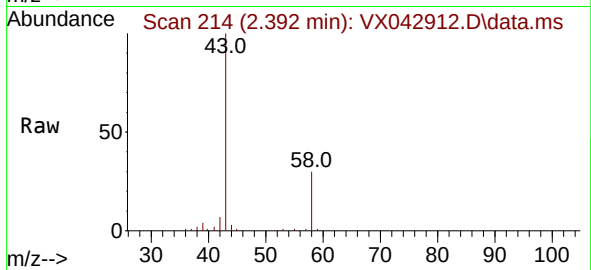




#16
Acetone
Concen: 79.491 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX042912.D
Acq: 07 Aug 2024 13:51

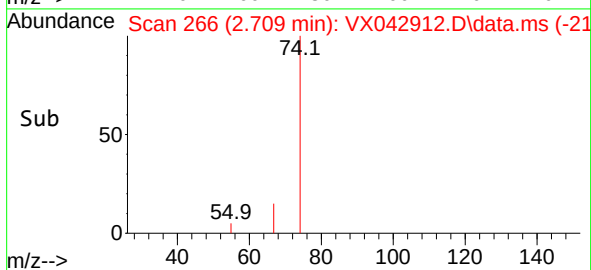
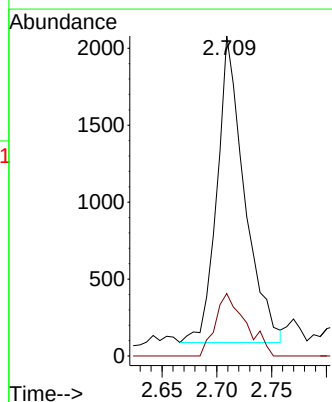
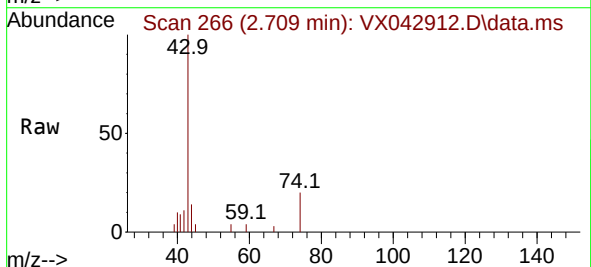
Instrument :
MSVOA_X
ClientSampleId :
JC-2

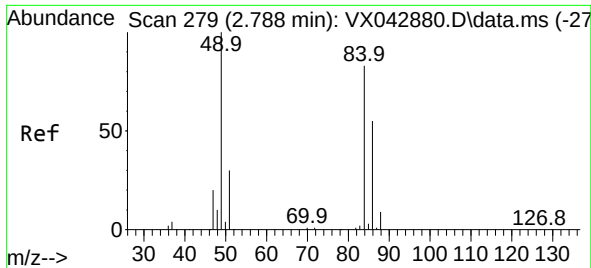
Tgt Ion: 43 Resp: 69001
Ion Ratio Lower Upper
43 100
58 30.1 21.9 32.9



#18
Methyl Acetate
Concen: 1.258 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX042912.D
Acq: 07 Aug 2024 13:51

Tgt Ion: 43 Resp: 3464
Ion Ratio Lower Upper
43 100
74 22.6 17.8 26.8

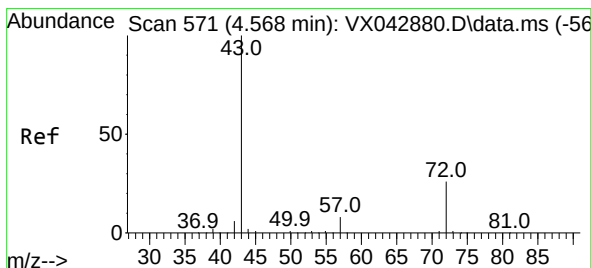
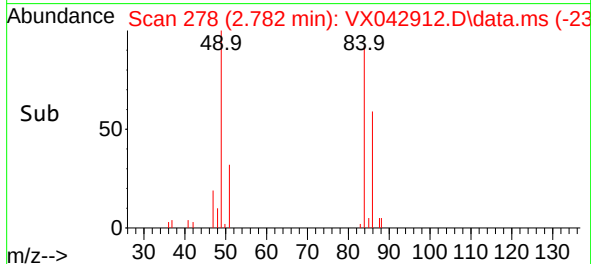
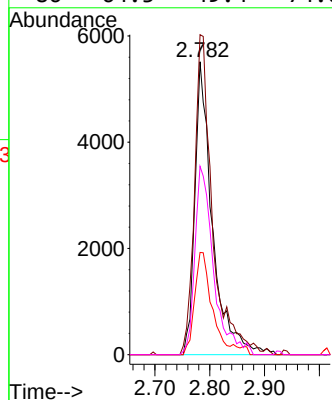
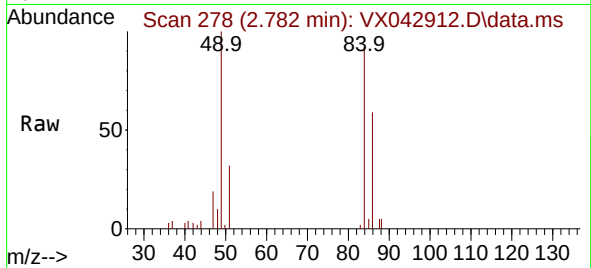




#20
Methylene Chloride
Concen: 6.014 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX042912.D
Acq: 07 Aug 2024 13:51

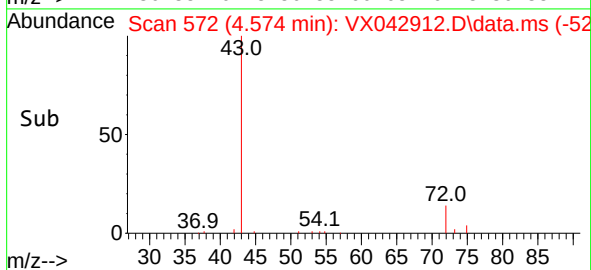
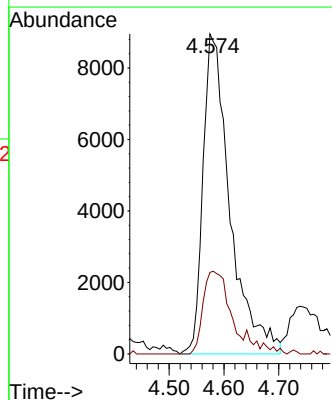
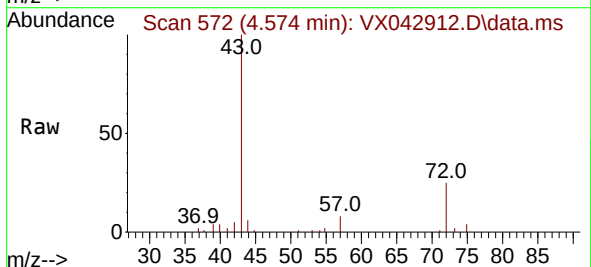
Instrument :
MSVOA_X
ClientSampleId :
JC-2

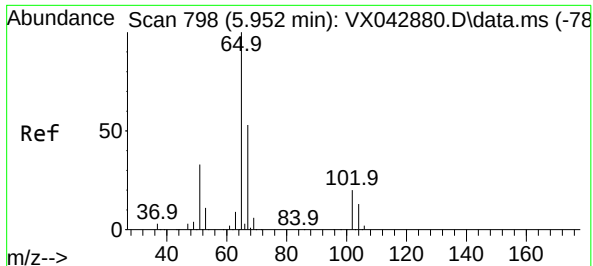
Tgt Ion:	84	Resp:	12351
Ion	Ratio	Lower	Upper
84	100		
49	109.2	103.6	155.4
51	34.9	33.8	50.6
86	64.3	49.4	74.0



#25
2-Butanone
Concen: 22.459 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX042912.D
Acq: 07 Aug 2024 13:51

Tgt Ion:	43	Resp:	30616
Ion	Ratio	Lower	Upper
43	100		
72	25.5	19.4	29.2





#33

1,2-Dichloroethane-d4

Concen: 57.669 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX042912.D

Acq: 07 Aug 2024 13:51

Instrument :

MSVOA_X

ClientSampleId :

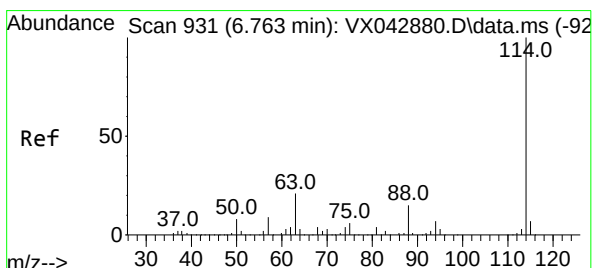
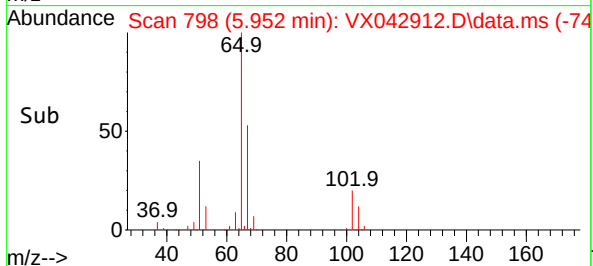
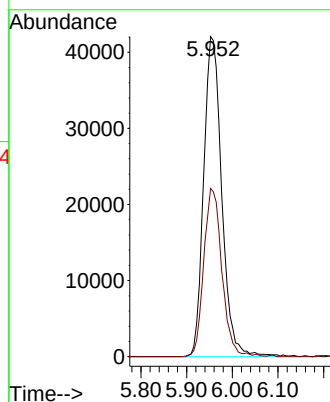
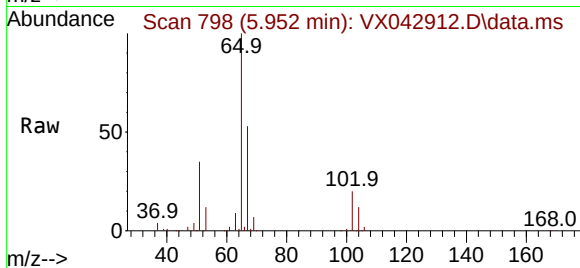
JC-2

Tgt Ion: 65 Resp: 115413

Ion Ratio Lower Upper

65 100

67 52.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX042912.D

Acq: 07 Aug 2024 13:51

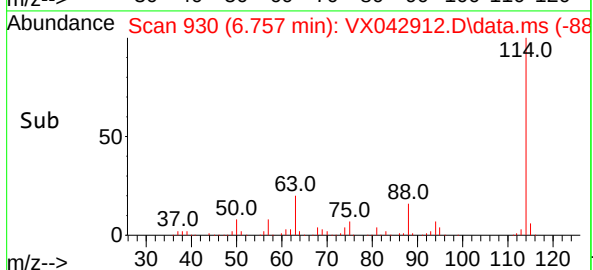
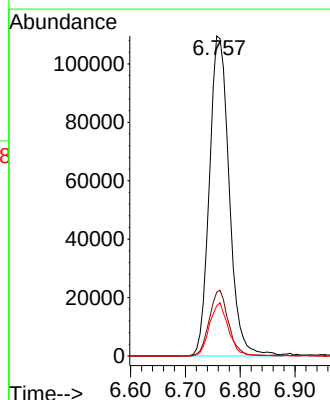
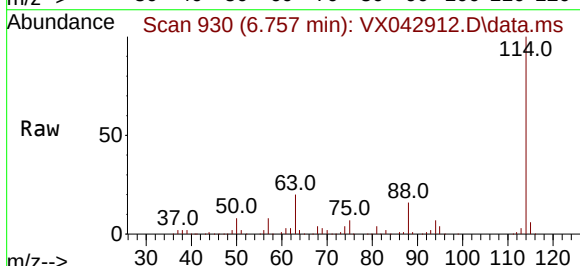
Tgt Ion: 114 Resp: 274371

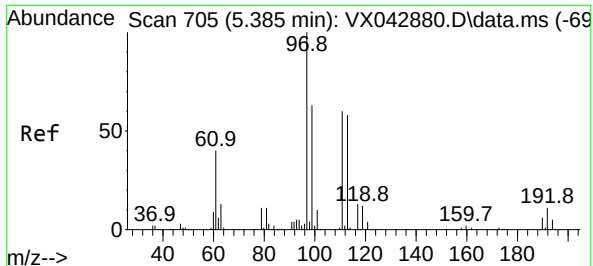
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

88 15.7 0.0 36.6

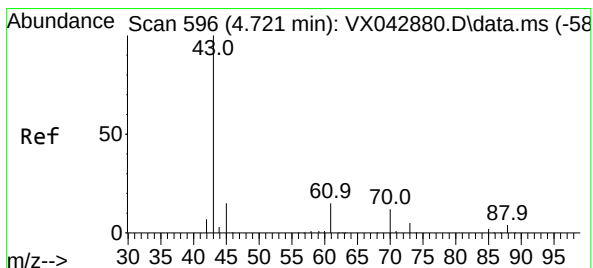
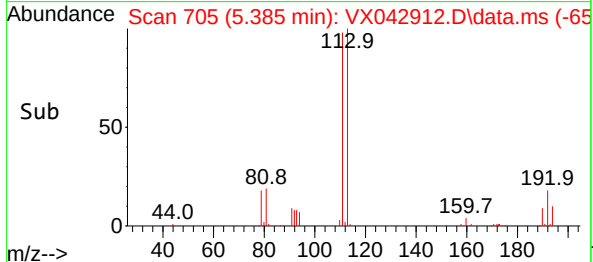
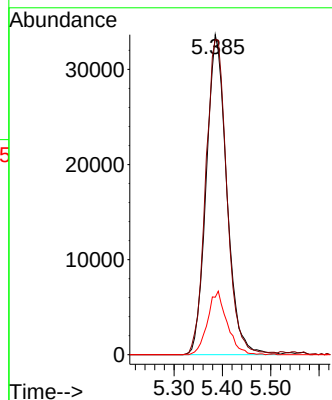
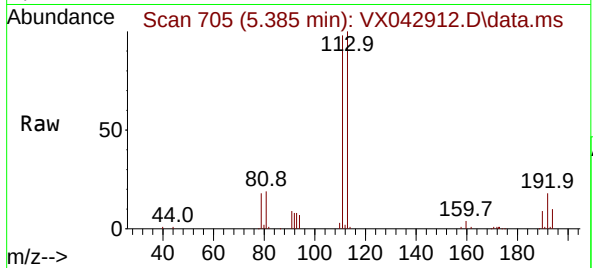




#35
Dibromofluoromethane
Concen: 55.122 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX042912.D
Acq: 07 Aug 2024 13:51

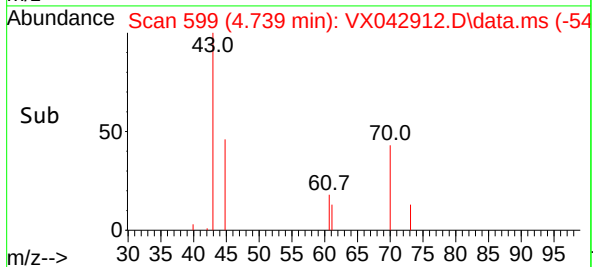
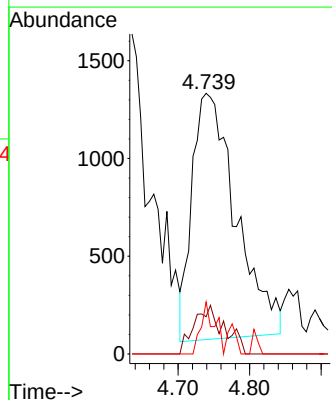
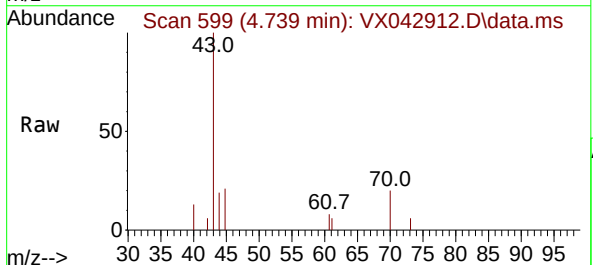
Instrument :
MSVOA_X
ClientSampleId :
JC-2

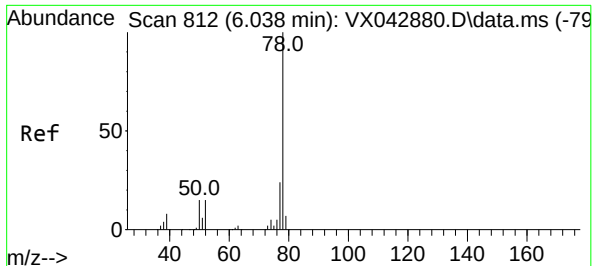
Tgt Ion:113 Resp: 98888
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 19.0 13.3 19.9



#37
Ethyl Acetate
Concen: 1.766 ug/l
RT: 4.739 min Scan# 599
Delta R.T. 0.018 min
Lab File: VX042912.D
Acq: 07 Aug 2024 13:51

Tgt Ion: 43 Resp: 5375
Ion Ratio Lower Upper
43 100
61 13.5 10.6 16.0
70 6.6 8.3 12.5#





#40

Benzene

Concen: 20.687 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX042912.D

Acq: 07 Aug 2024 13:51

Instrument :

MSVOA_X

ClientSampleId :

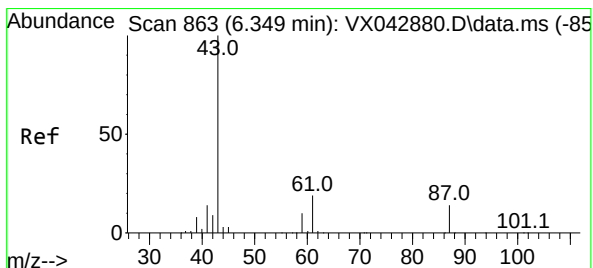
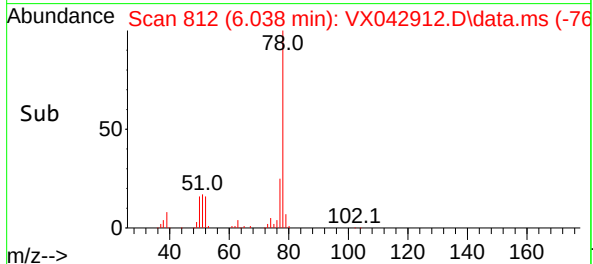
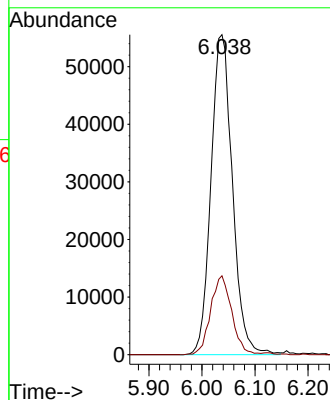
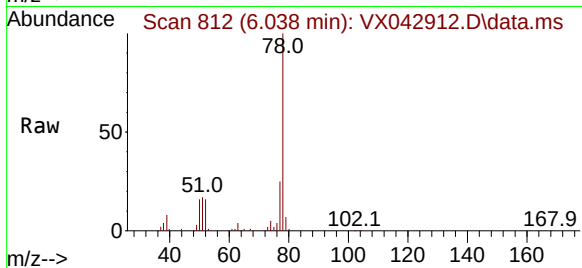
JC-2

Tgt Ion: 78 Resp: 156164

Ion Ratio Lower Upper

78 100

77 24.6 19.3 28.9



#43

Isopropyl Acetate

Concen: 37.864 ug/l

RT: 6.349 min Scan# 863

Delta R.T. 0.000 min

Lab File: VX042912.D

Acq: 07 Aug 2024 13:51

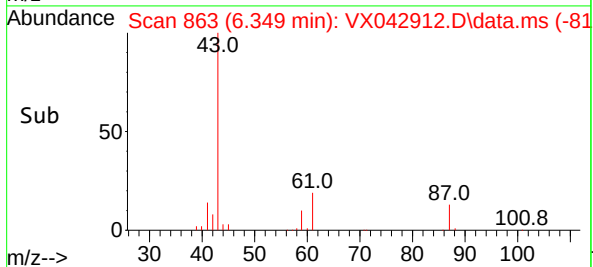
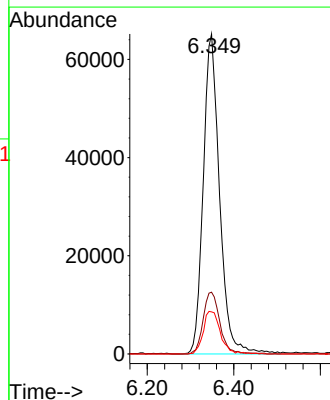
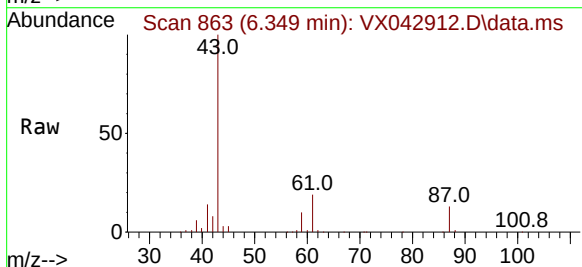
Tgt Ion: 43 Resp: 170411

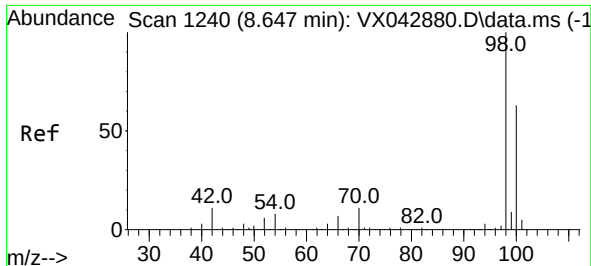
Ion Ratio Lower Upper

43 100

61 19.8 15.2 22.8

87 14.0 9.8 14.6

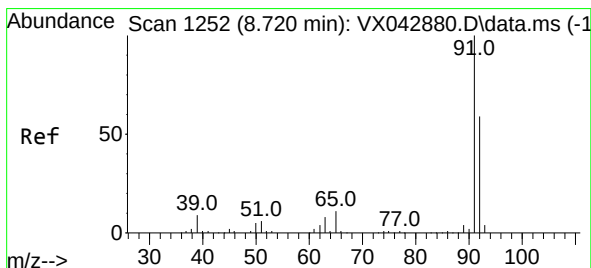
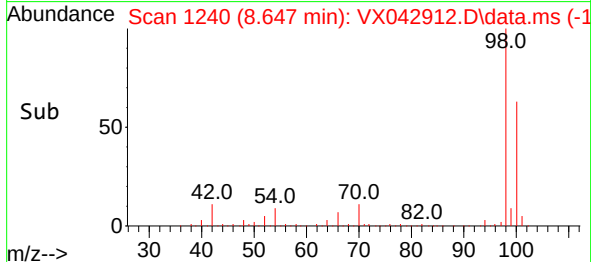
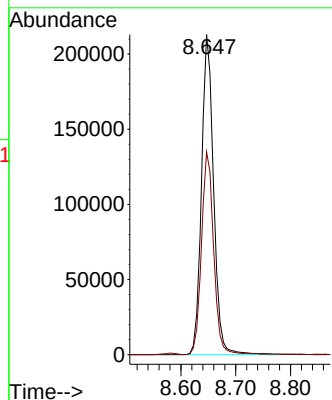
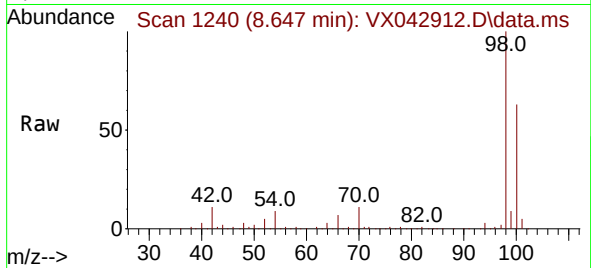




#50
Toluene-d8
Concen: 51.308 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042912.D
Acq: 07 Aug 2024 13:51

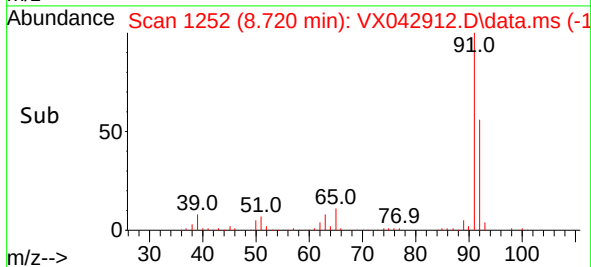
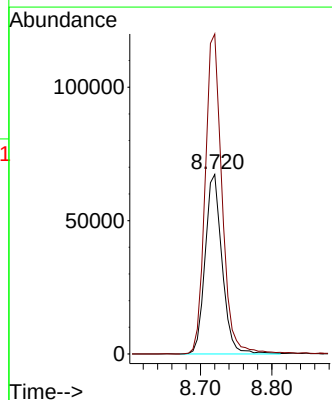
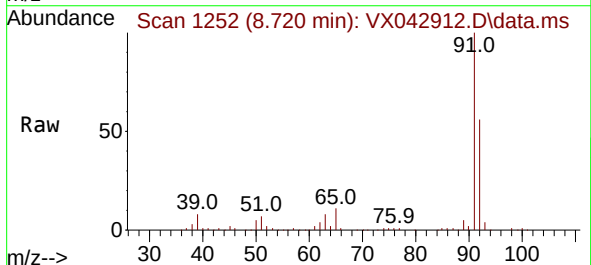
Instrument :
MSVOA_X
ClientSampleId :
JC-2

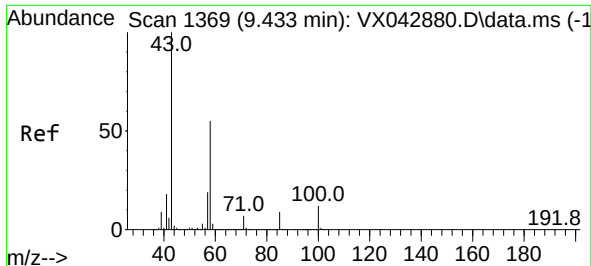
Tgt Ion: 98 Resp: 326760
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#52
Toluene
Concen: 24.175 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX042912.D
Acq: 07 Aug 2024 13:51

Tgt Ion: 92 Resp: 110695
Ion Ratio Lower Upper
92 100
91 177.9 134.2 201.2

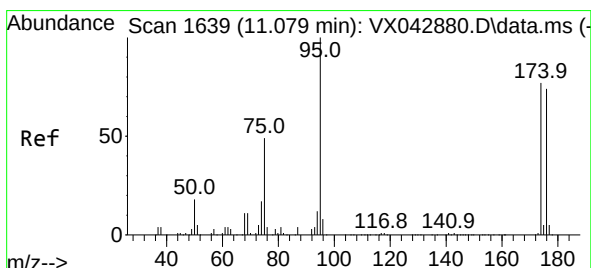
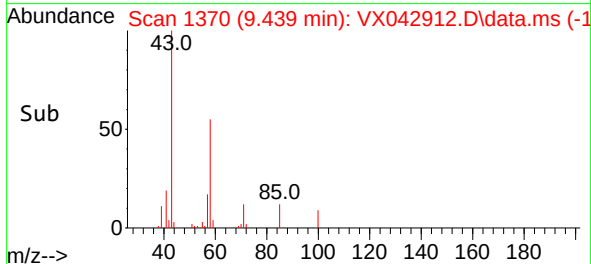
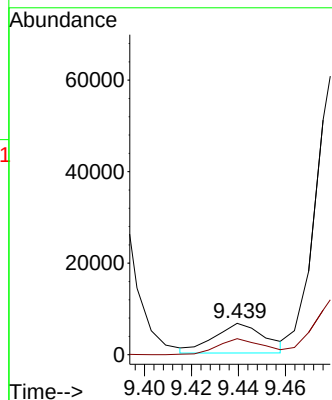
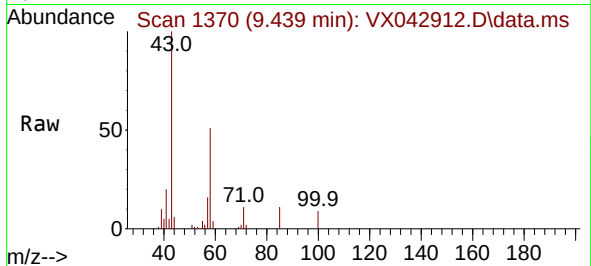




#59
2-Hexanone
Concen: 4.152 ug/l
RT: 9.439 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX042912.D
Acq: 07 Aug 2024 13:51

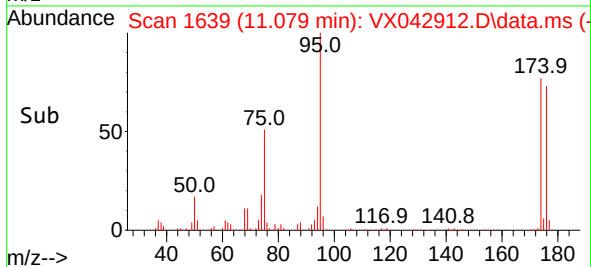
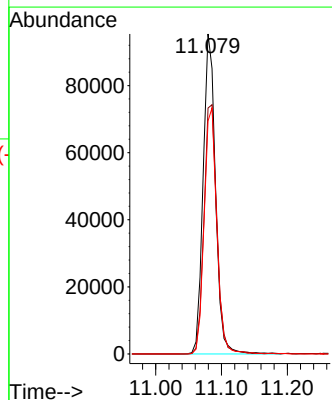
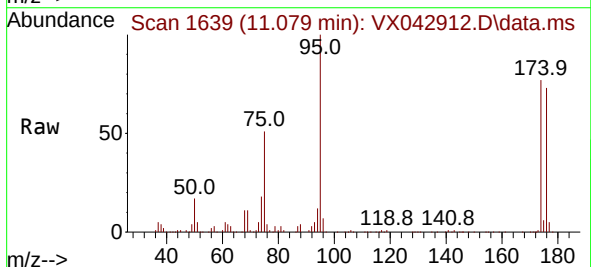
Instrument :
MSVOA_X
ClientSampleId :
JC-2

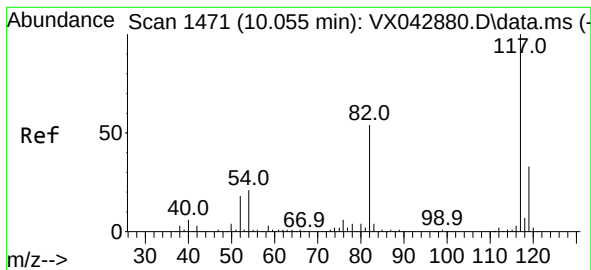
Tgt Ion: 43 Resp: 9699
Ion Ratio Lower Upper
43 100
58 48.8 26.2 78.5



#62
4-Bromofluorobenzene
Concen: 54.483 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042912.D
Acq: 07 Aug 2024 13:51

Tgt Ion: 95 Resp: 124686
Ion Ratio Lower Upper
95 100
174 81.9 0.0 135.6
176 78.7 0.0 131.0

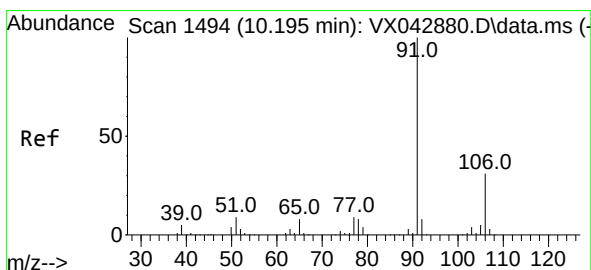
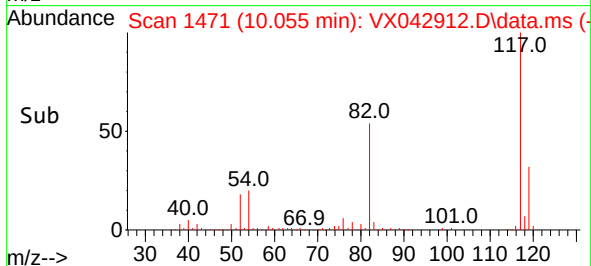
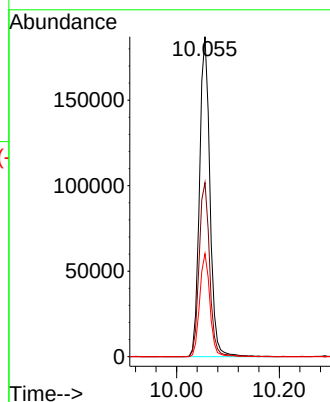
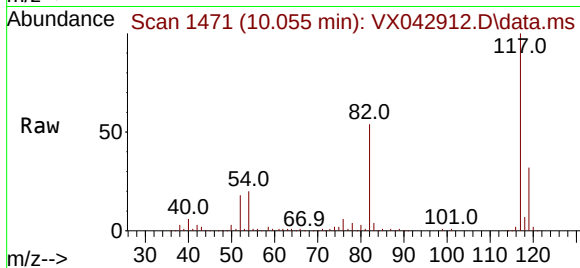




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042912.D
Acq: 07 Aug 2024 13:51

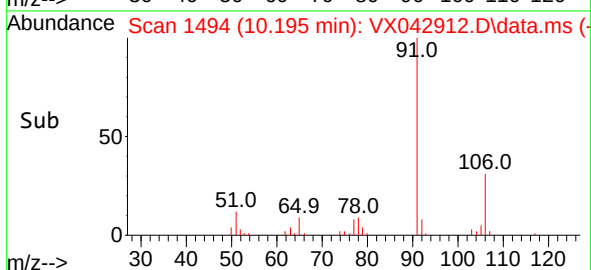
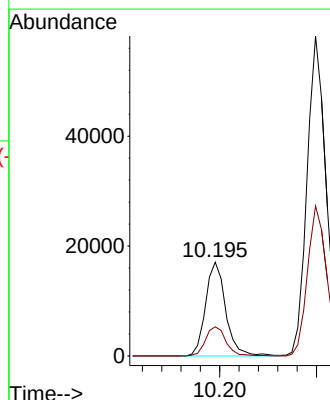
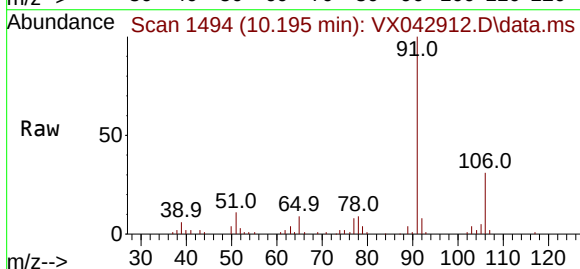
Instrument :
MSVOA_X
ClientSampleId :
JC-2

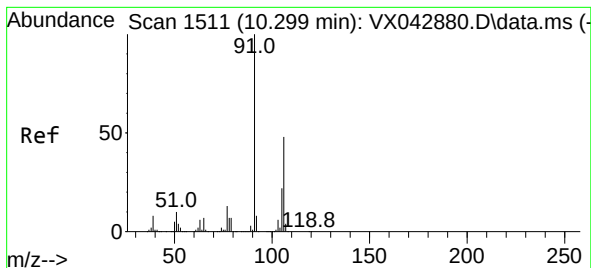
Tgt Ion:117 Resp: 262786
Ion Ratio Lower Upper
117 100
82 54.4 46.2 69.4
119 32.2 25.5 38.3



#67
Ethyl Benzene
Concen: 2.636 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042912.D
Acq: 07 Aug 2024 13:51

Tgt Ion: 91 Resp: 24725
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

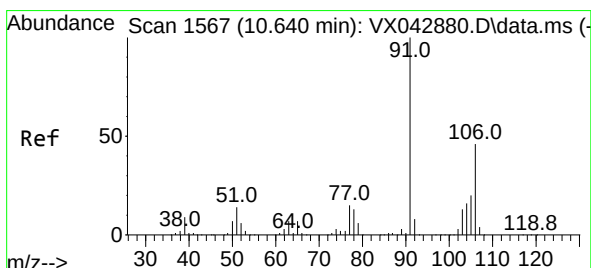
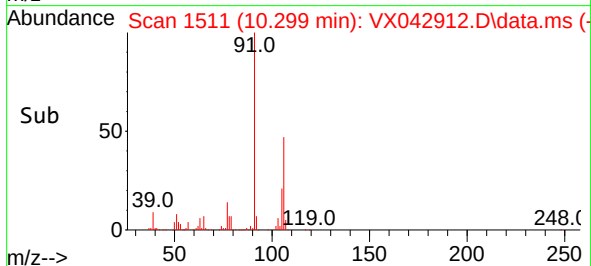
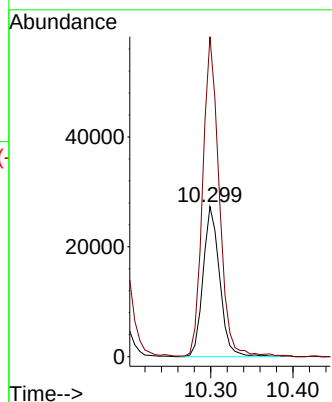
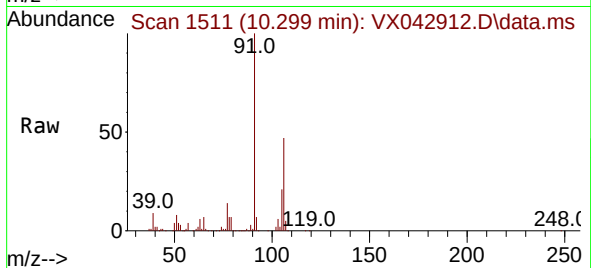




#68
m/p-Xylenes
Concen: 10.727 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX042912.D
Acq: 07 Aug 2024 13:51

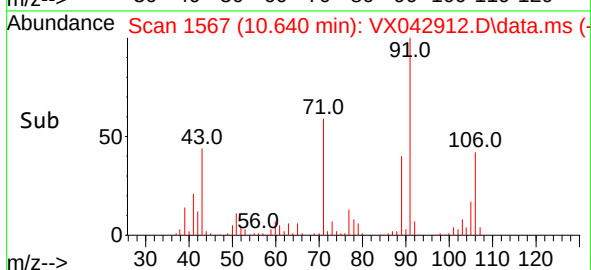
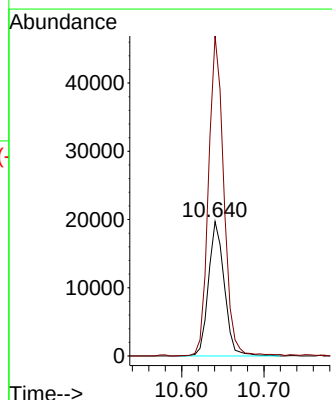
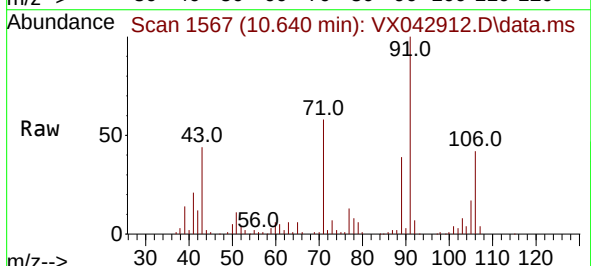
Instrument :
MSVOA_X
ClientSampleId :
JC-2

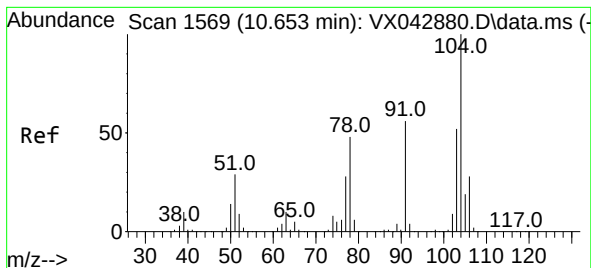
Tgt Ion:106 Resp: 38411
Ion Ratio Lower Upper
106 100
91 212.6 165.5 248.3



#69
o-Xylene
Concen: 7.334 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX042912.D
Acq: 07 Aug 2024 13:51

Tgt Ion:106 Resp: 26307
Ion Ratio Lower Upper
106 100
91 230.9 108.9 326.8





#70

Styrene

Concen: 2.605 ug/l

RT: 10.659 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX042912.D

Acq: 07 Aug 2024 13:51

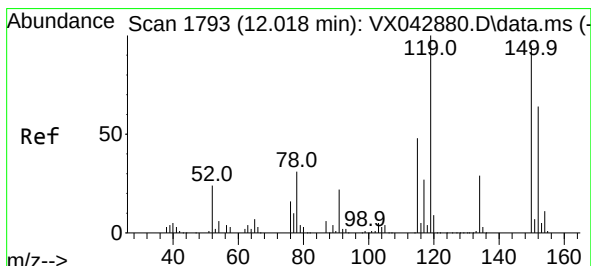
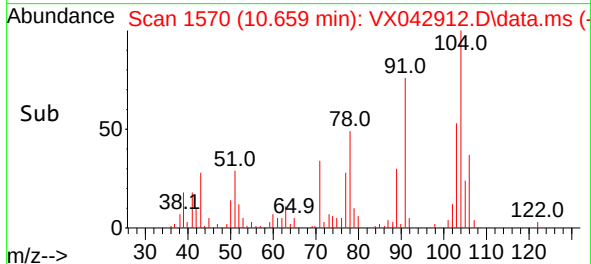
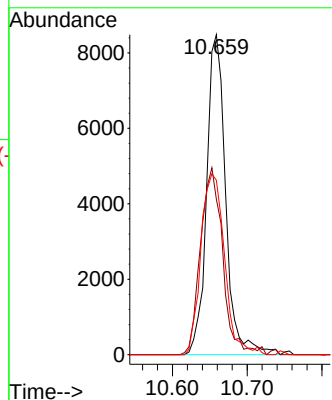
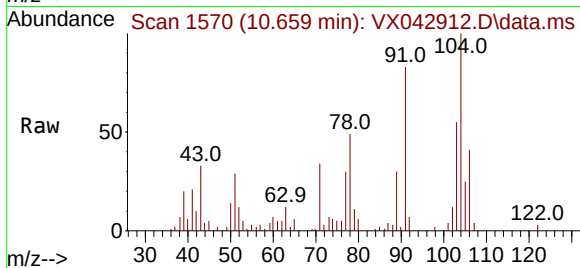
Instrument :

MSVOA_X

ClientSampleId :

JC-2

Tgt Ion:104	Resp:	15025
Ion Ratio	Lower	Upper
104	100	
78	68.7	43.6 65.4#
103	70.2	43.6 65.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

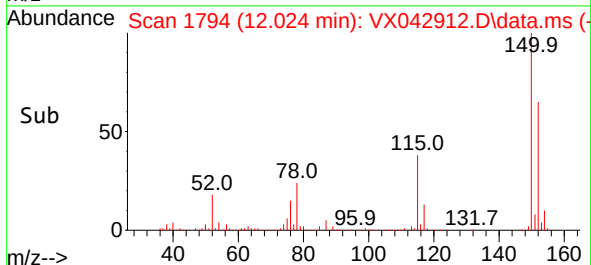
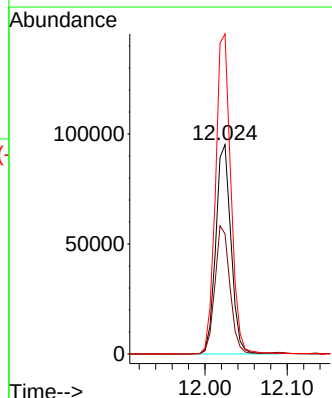
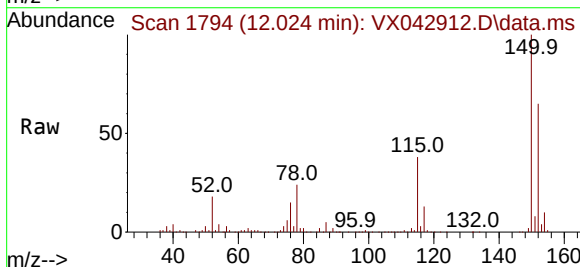
RT: 12.024 min Scan# 1794

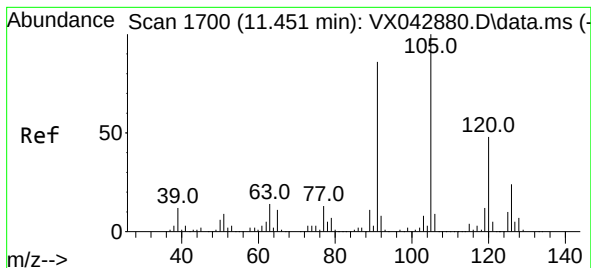
Delta R.T. 0.006 min

Lab File: VX042912.D

Acq: 07 Aug 2024 13:51

Tgt Ion:152	Resp:	122494
Ion Ratio	Lower	Upper
152	100	
115	60.4	43.3 129.9
150	154.3	0.0 345.0





#80

1,3,5-Trimethylbenzene

Concen: 1.398 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX042912.D

Acq: 07 Aug 2024 13:51

Instrument :

MSVOA_X

ClientSampleId :

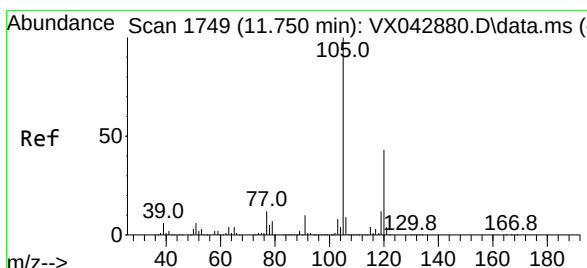
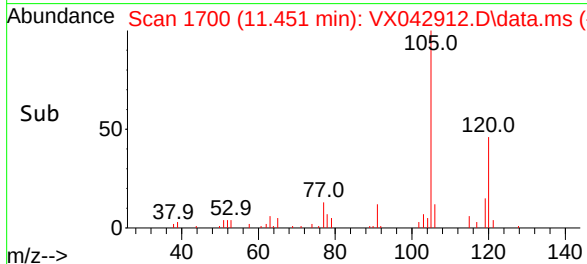
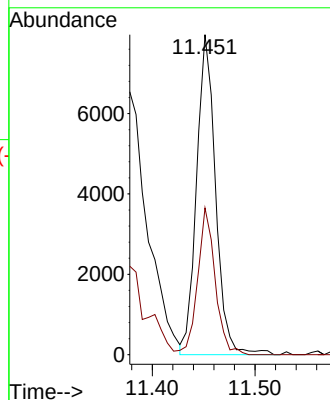
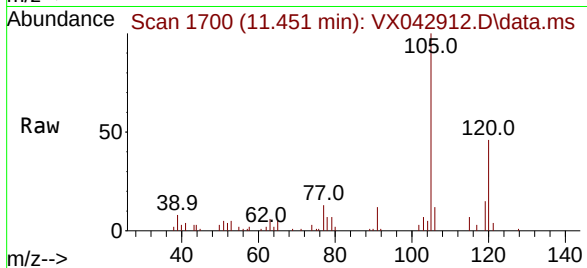
JC-2

Tgt Ion:105 Resp: 10253

Ion Ratio Lower Upper

105 100

120 42.5 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 5.312 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX042912.D

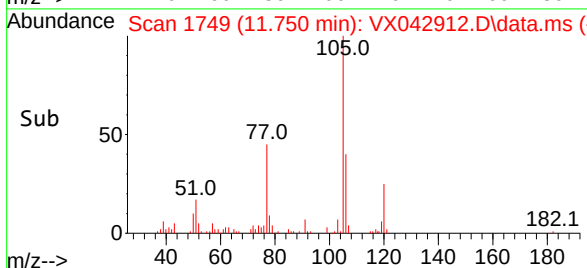
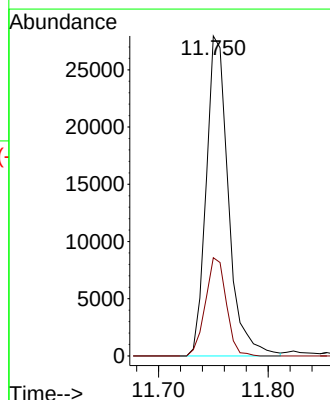
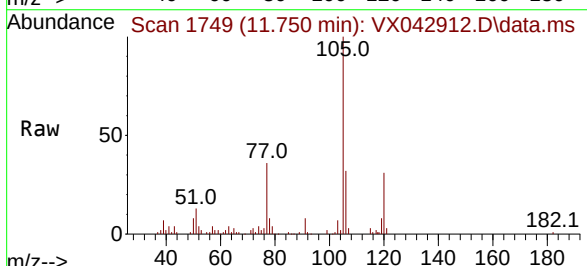
Acq: 07 Aug 2024 13:51

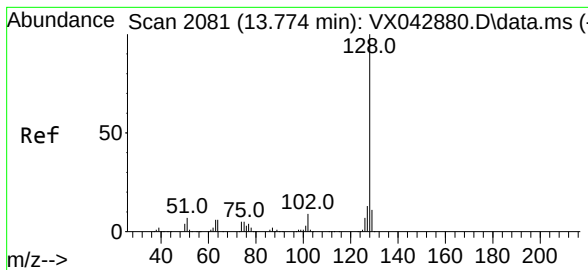
Tgt Ion:105 Resp: 39212

Ion Ratio Lower Upper

105 100

120 28.8 21.2 63.6





#95
Naphthalene
Concen: 204.601 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX042912.D
Acq: 07 Aug 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :
JC-2

Tgt Ion:128 Resp: 1763168
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.0 8.8 13.2

