

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042898.D
 Acq On : 07 Aug 2024 04:02
 Operator : JC/MD
 Sample : P3462-01 20X
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 JC-1

Quant Time: Aug 07 06:34:46 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	160616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	308365	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	295236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130367	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	130949	59.389	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 118.780%#	
35) Dibromofluoromethane	5.385	113	112356	55.726	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.460%	
50) Toluene-d8	8.647	98	360029	50.299	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.600%	
62) 4-Bromofluorobenzene	11.079	95	136436	53.045	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.080%	

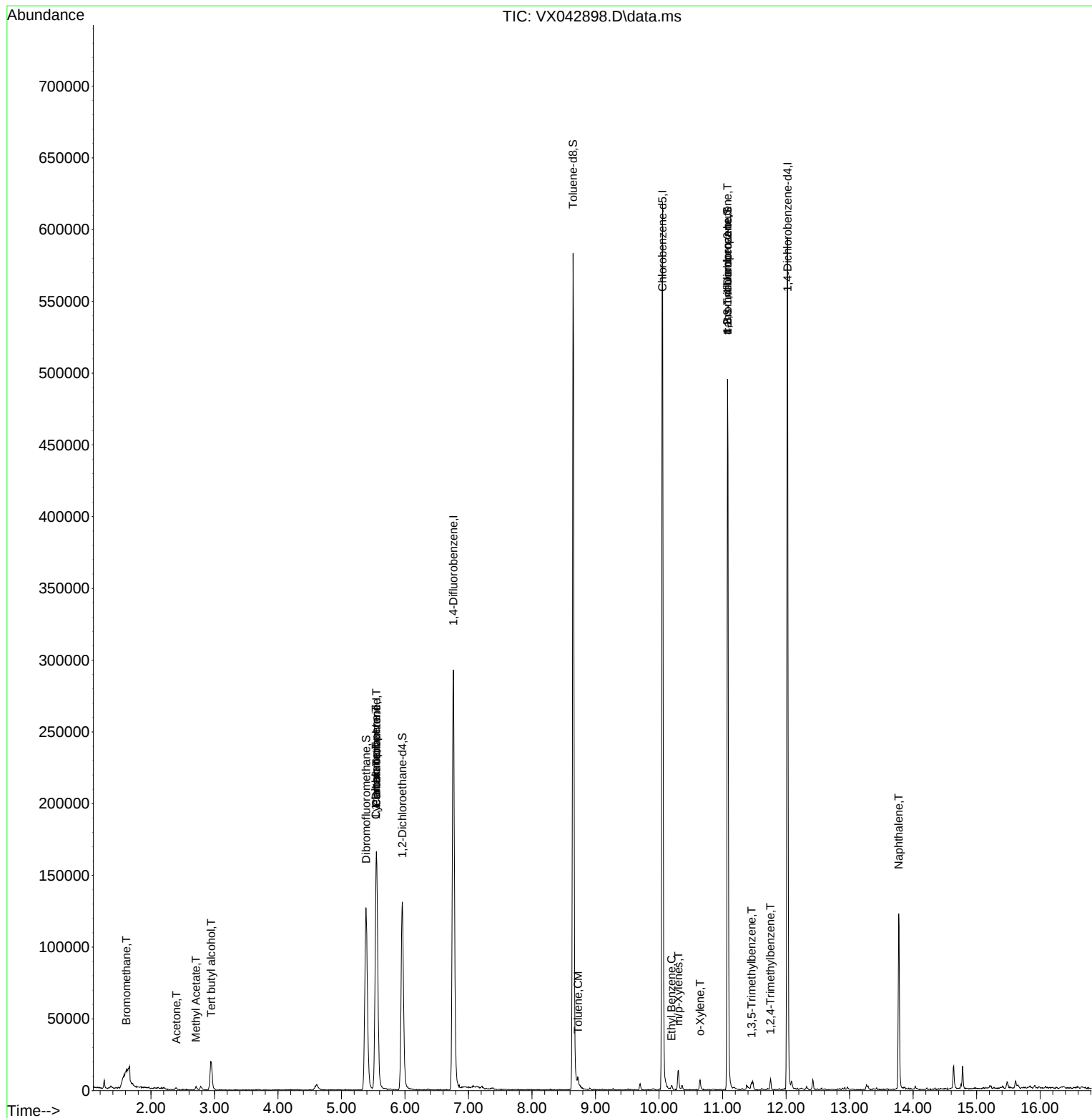
Target Compounds				Qvalue		
5) Bromomethane	1.611	94	513	0.474	ug/l #	72
11) Tert butyl alcohol	2.947	59	12219	27.861	ug/l #	78
16) Acetone	2.398	43	1444	1.510	ug/l #	84
18) Methyl Acetate	2.709	43	3102	1.023	ug/l	96
20) Methylene Chloride	2.788	84	1179	Below Cal	#	80
31) Cyclohexane	5.544	56	3076	1.115	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	12144	4.442	ug/l #	52
38) Carbon Tetrachloride	5.550	117	16995	5.507	ug/l #	16
52) Toluene	8.726	92	2146	0.417	ug/l	89
67) Ethyl Benzene	10.195	91	2342	0.222	ug/l	92
68) m/p-Xylenes	10.305	106	3356	0.834	ug/l	79
69) o-Xylene	10.646	106	1649	0.409	ug/l	88
76) 1,2,3-Trichloropropane	11.079	75	70816	24.153	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.457	105	2343	0.300	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.079	75	70816	78.536	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.756	105	3627	0.462	ug/l	97
95) Naphthalene	13.774	128	82655	9.012	ug/l	100

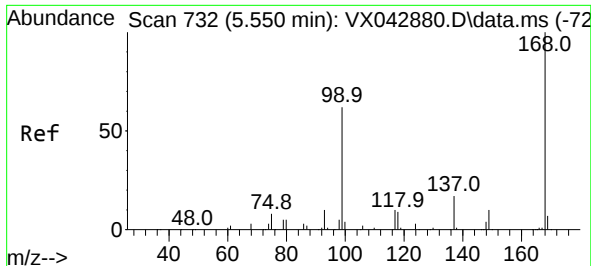
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
Data File : VX042898.D
Acq On : 07 Aug 2024 04:02
Operator : JC/MD
Sample : P3462-01 20X
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
JC-1

Quant Time: Aug 07 06:34:46 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

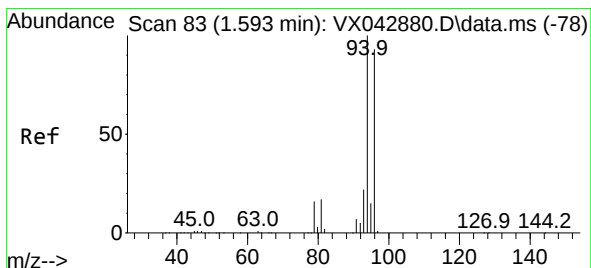
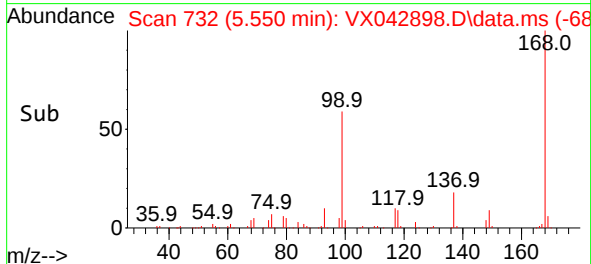
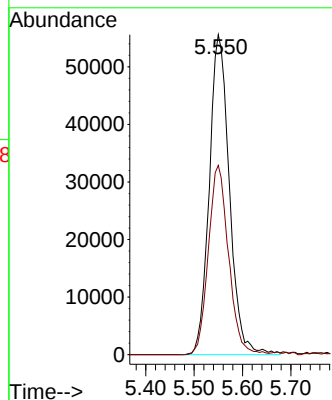
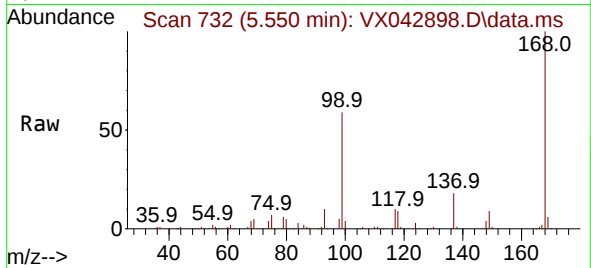




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042898.D
Acq: 07 Aug 2024 04:02

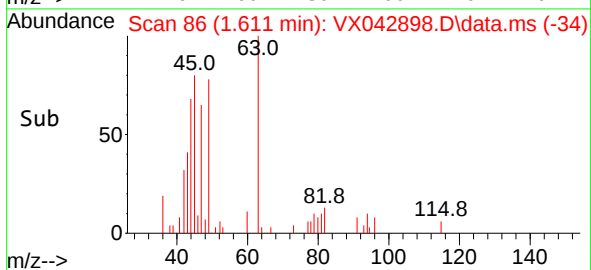
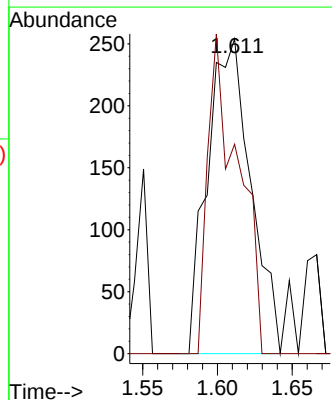
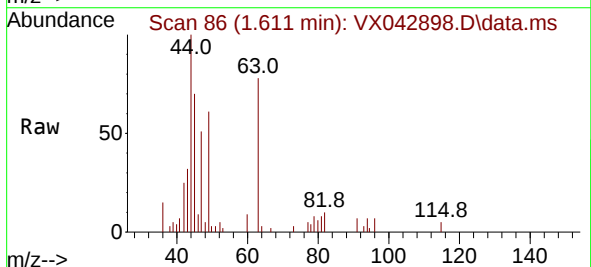
Instrument :
MSVOA_X
ClientSampleId :
JC-1

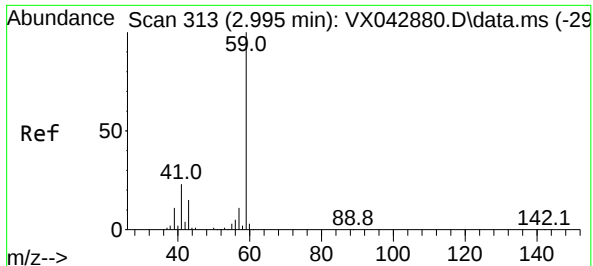
Tgt Ion:168 Resp: 160616
Ion Ratio Lower Upper
168 100
99 59.2 56.6 85.0



#5
Bromomethane
Concen: 0.474 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.018 min
Lab File: VX042898.D
Acq: 07 Aug 2024 04:02

Tgt Ion: 94 Resp: 513
Ion Ratio Lower Upper
94 100
96 66.5 74.6 111.8#





#11

Tert butyl alcohol

Concen: 27.861 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.049 min

Lab File: VX042898.D

Acq: 07 Aug 2024 04:02

Instrument :

MSVOA_X

ClientSampleId :

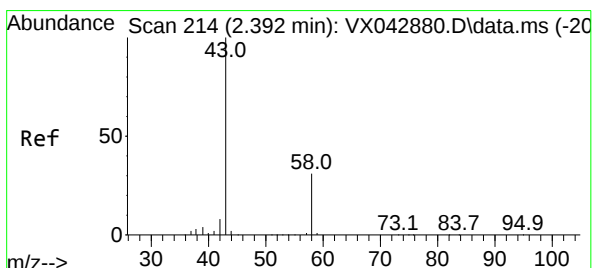
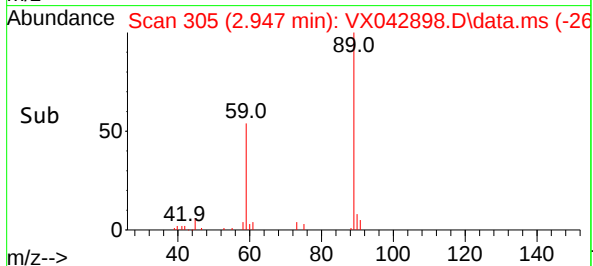
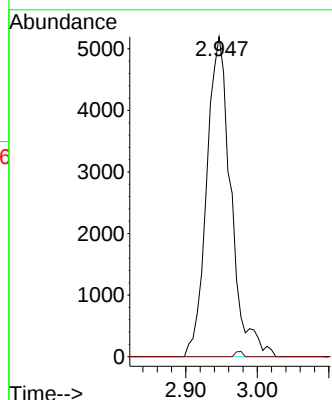
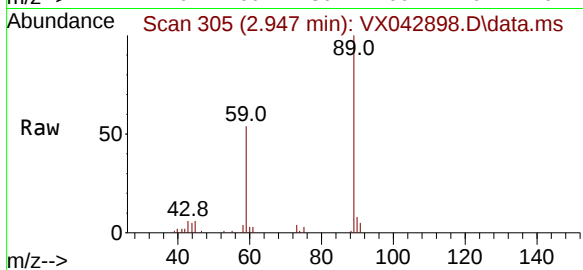
JC-1

Tgt Ion: 59 Resp: 12219

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 1.510 ug/l

RT: 2.398 min Scan# 215

Delta R.T. 0.006 min

Lab File: VX042898.D

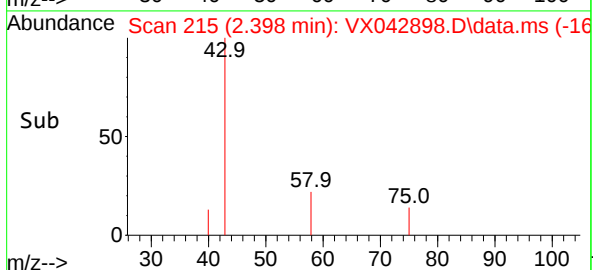
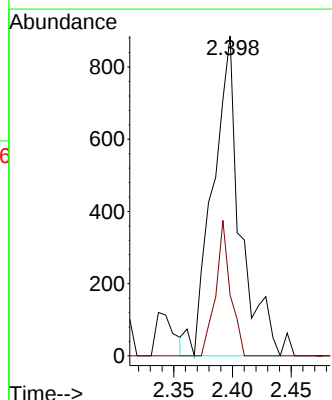
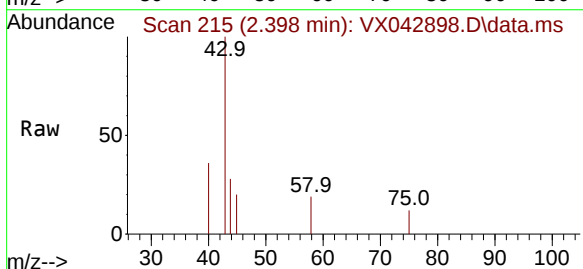
Acq: 07 Aug 2024 04:02

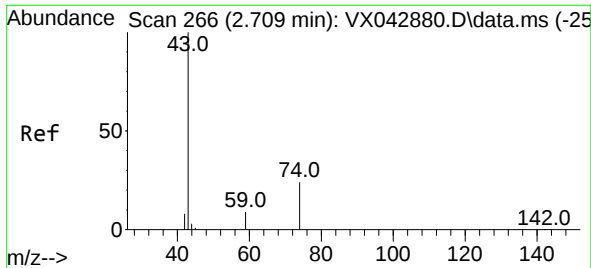
Tgt Ion: 43 Resp: 1444

Ion Ratio Lower Upper

43 100

58 19.0 21.9 32.9#

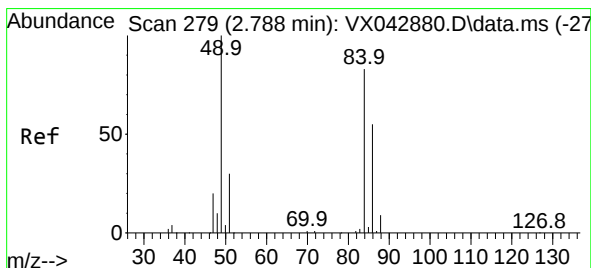
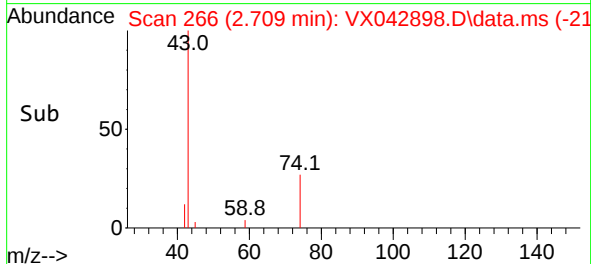
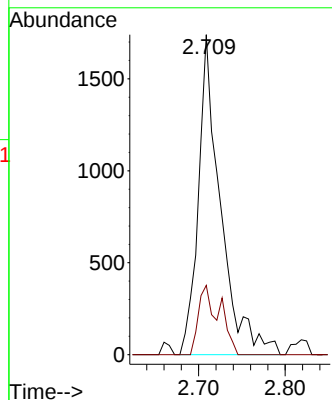
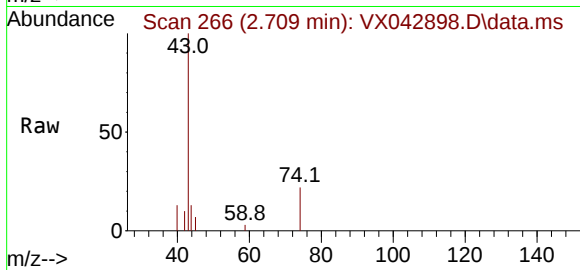




#18
Methyl Acetate
Concen: 1.023 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX042898.D
Acq: 07 Aug 2024 04:02

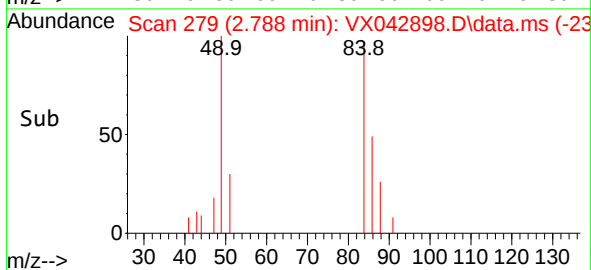
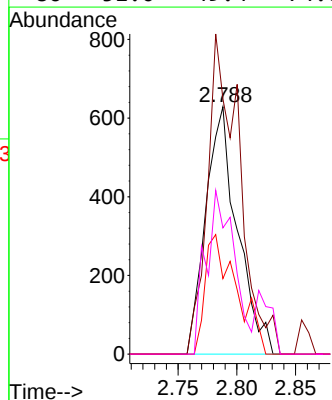
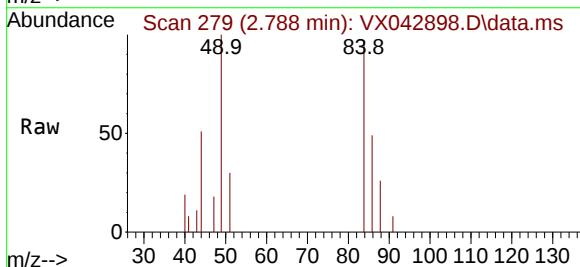
Instrument :
MSVOA_X
ClientSampleId :
JC-1

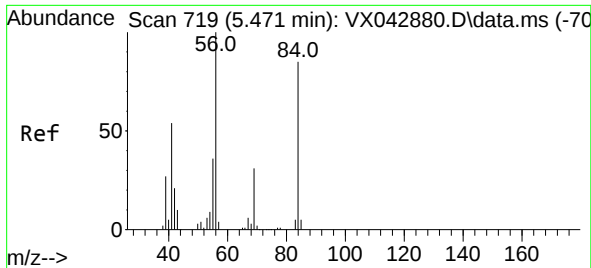
Tgt Ion: 43 Resp: 3102
Ion Ratio Lower Upper
43 100
74 20.5 17.8 26.8



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX042898.D
Acq: 07 Aug 2024 04:02

Tgt Ion: 84 Resp: 1179
Ion Ratio Lower Upper
84 100
49 103.2 103.6 155.4#
51 30.5 33.8 50.6#
86 51.0 49.4 74.0

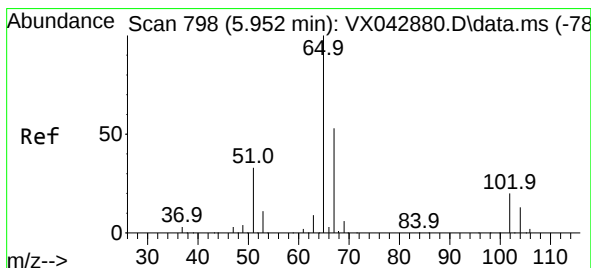
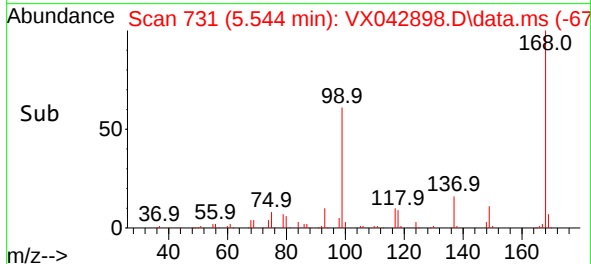
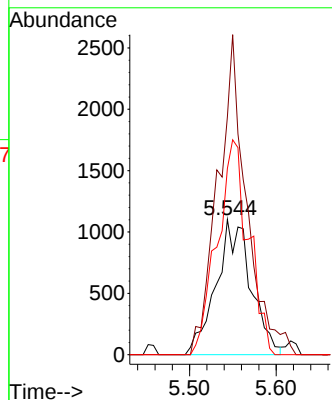
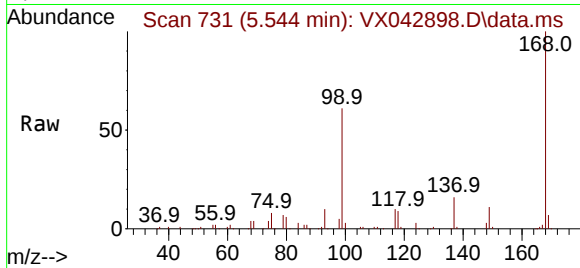




#31
Cyclohexane
Concen: 1.115 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX042898.D
Acq: 07 Aug 2024 04:02

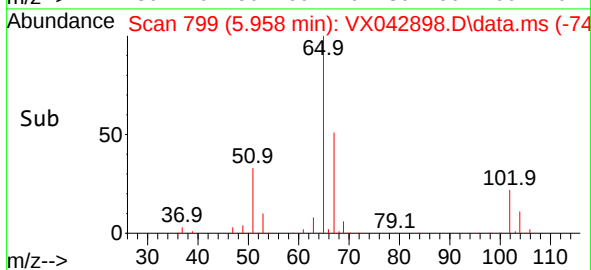
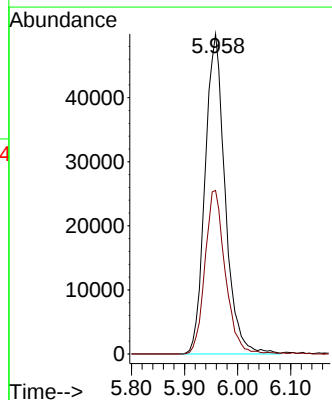
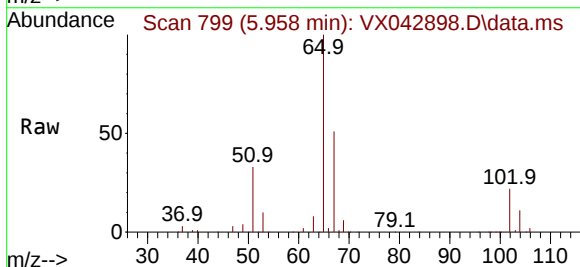
Instrument :
MSVOA_X
ClientSampleId :
JC-1

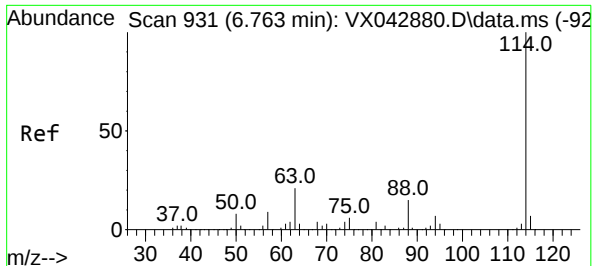
Tgt Ion: 56 Resp: 3076
Ion Ratio Lower Upper
56 100
69 176.0 23.4 35.2#
84 137.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 59.389 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX042898.D
Acq: 07 Aug 2024 04:02

Tgt Ion: 65 Resp: 130949
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2

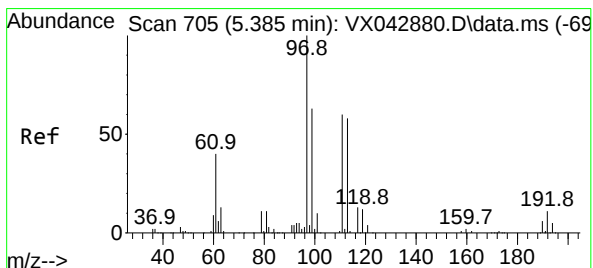
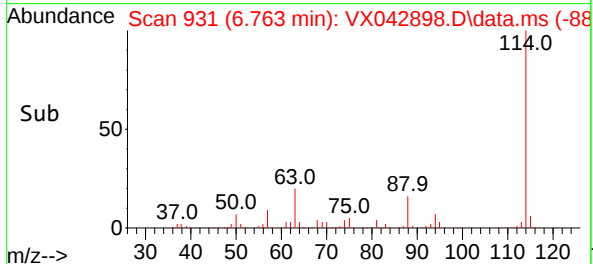
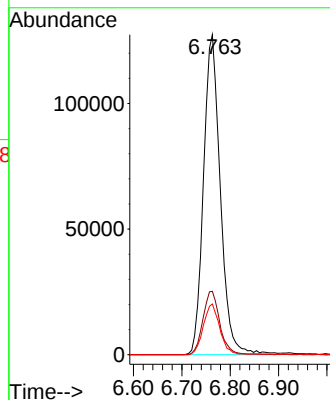
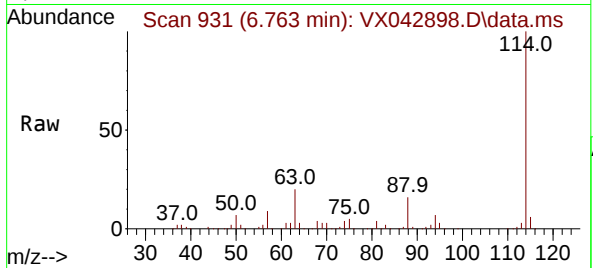




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX042898.D
Acq: 07 Aug 2024 04:02

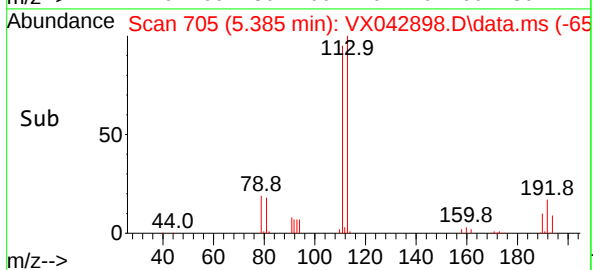
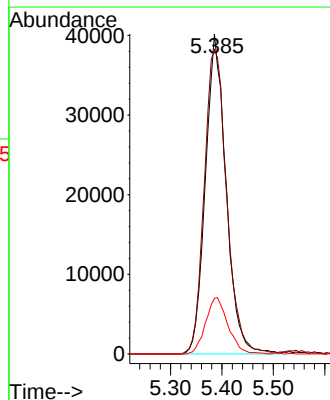
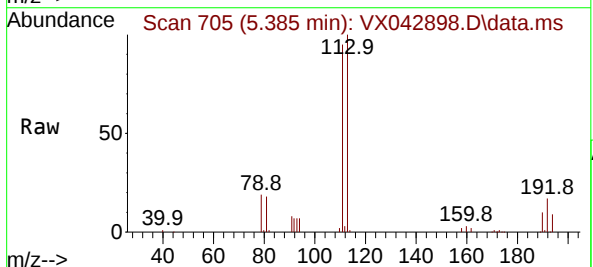
Instrument :
MSVOA_X
ClientSampleId :
JC-1

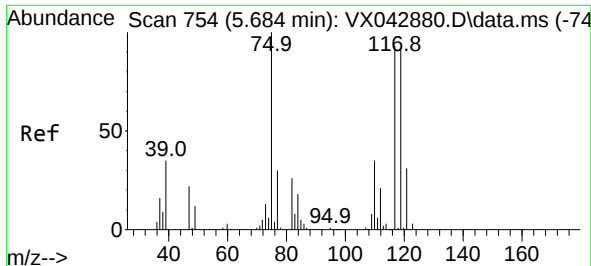
Tgt Ion:114 Resp: 308365
Ion Ratio Lower Upper
114 100
63 19.8 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 55.726 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX042898.D
Acq: 07 Aug 2024 04:02

Tgt Ion:113 Resp: 112356
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 19.0 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.442 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX042898.D

Acq: 07 Aug 2024 04:02

Instrument :

MSVOA_X

ClientSampleId :

JC-1

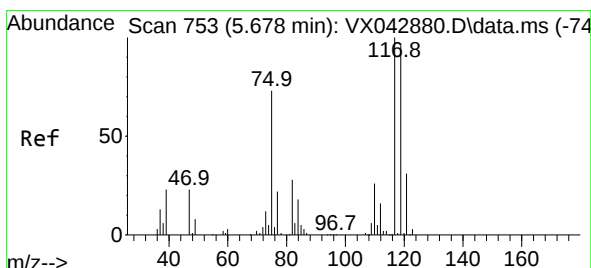
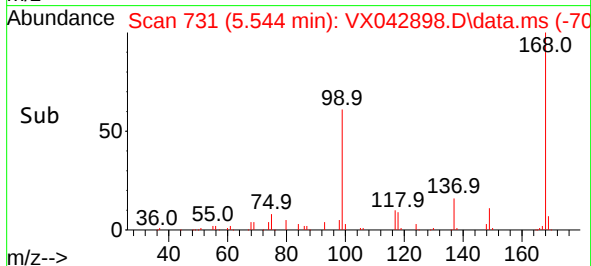
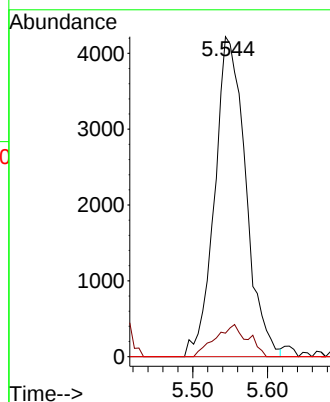
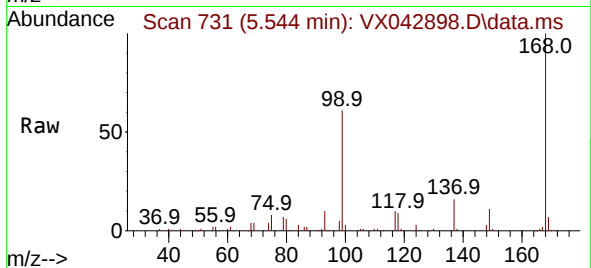
Tgt Ion: 75 Resp: 12144

Ion Ratio Lower Upper

75 100

110 10.6 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.507 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX042898.D

Acq: 07 Aug 2024 04:02

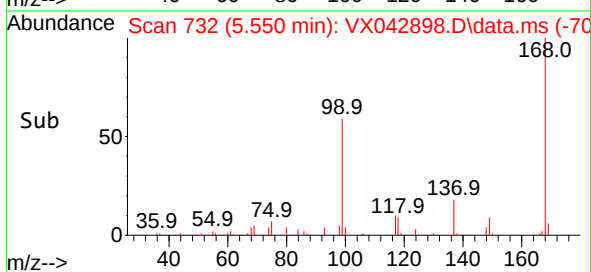
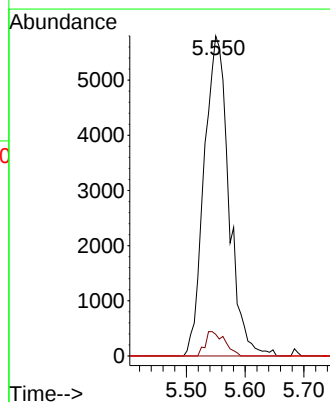
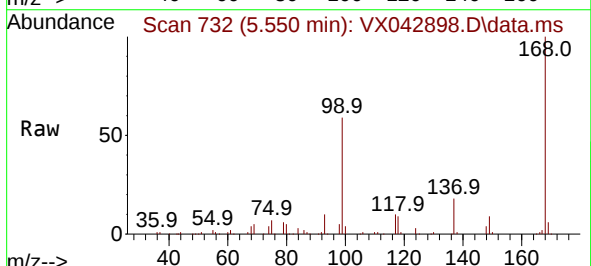
Tgt Ion: 117 Resp: 16995

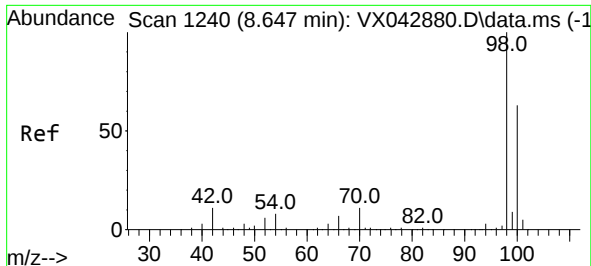
Ion Ratio Lower Upper

117 100

119 6.8 78.2 117.2#

121 0.0 24.4 36.6#

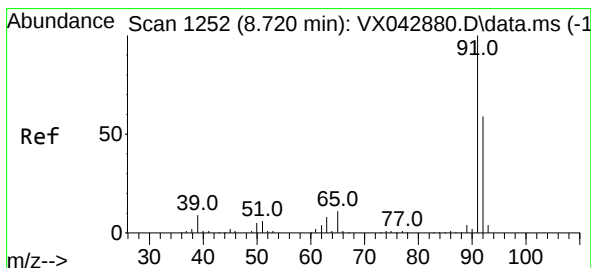
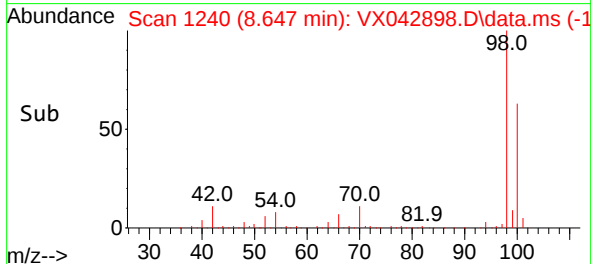
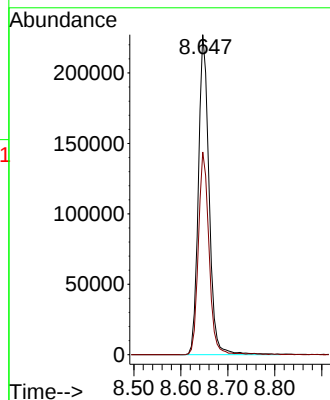
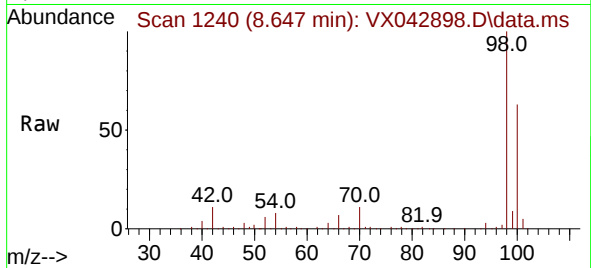




#50
Toluene-d8
Concen: 50.299 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042898.D
Acq: 07 Aug 2024 04:02

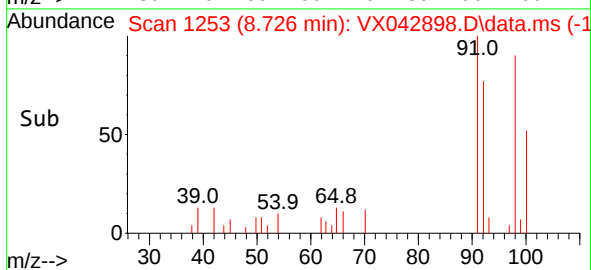
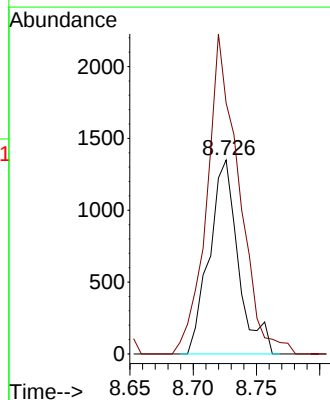
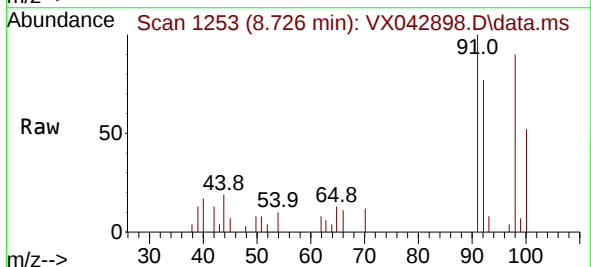
Instrument :
MSVOA_X
ClientSampleId :
JC-1

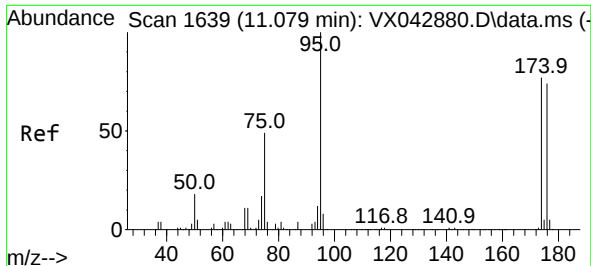
Tgt Ion: 98 Resp: 360029
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7



#52
Toluene
Concen: 0.417 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX042898.D
Acq: 07 Aug 2024 04:02

Tgt Ion: 92 Resp: 2146
Ion Ratio Lower Upper
92 100
91 182.3 134.2 201.2





#62

4-Bromofluorobenzene

Concen: 53.045 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042898.D

Acq: 07 Aug 2024 04:02

Instrument :

MSVOA_X

ClientSampleId :

JC-1

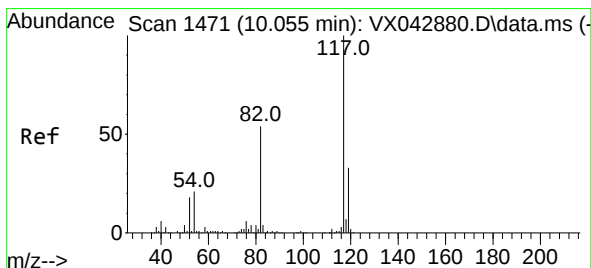
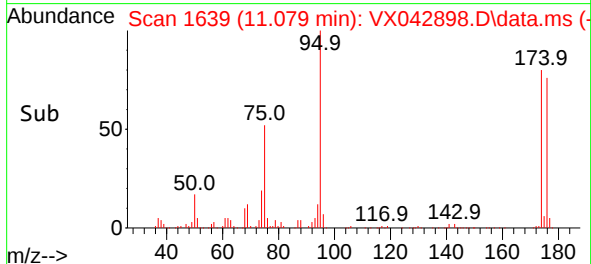
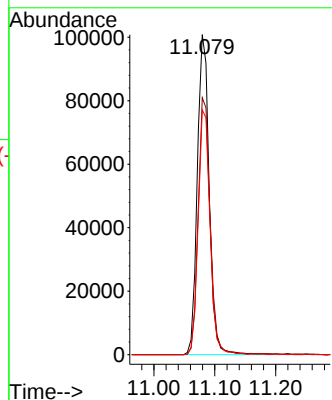
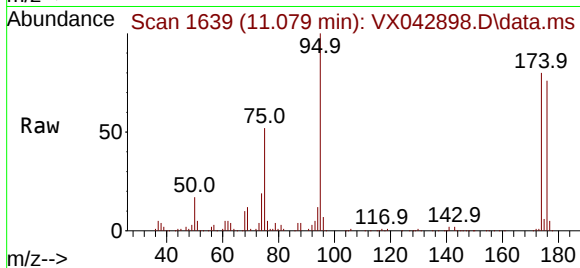
Tgt Ion: 95 Resp: 136436

Ion Ratio Lower Upper

95 100

174 81.1 0.0 135.6

176 76.5 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: VX042898.D

Acq: 07 Aug 2024 04:02

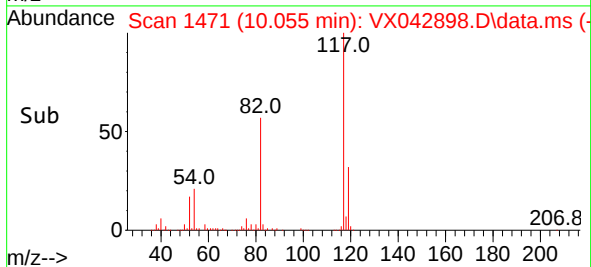
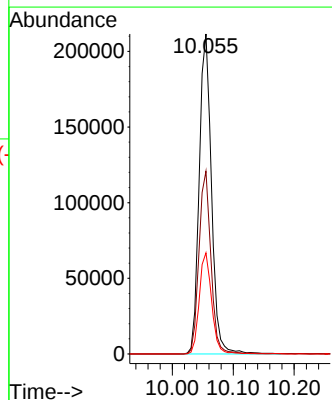
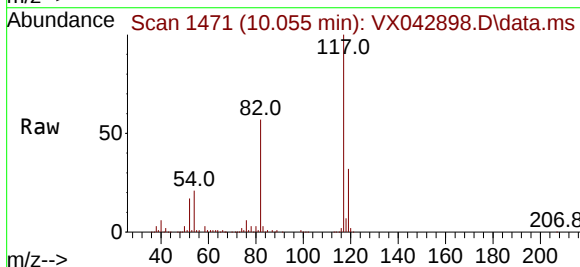
Tgt Ion: 117 Resp: 295236

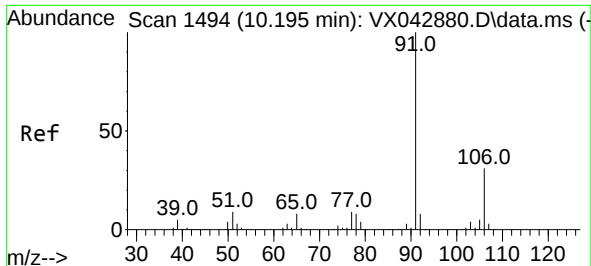
Ion Ratio Lower Upper

117 100

82 57.1 46.2 69.4

119 31.6 25.5 38.3





#67

Ethyl Benzene

Concen: 0.222 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX042898.D

Acq: 07 Aug 2024 04:02

Instrument :

MSVOA_X

ClientSampleId :

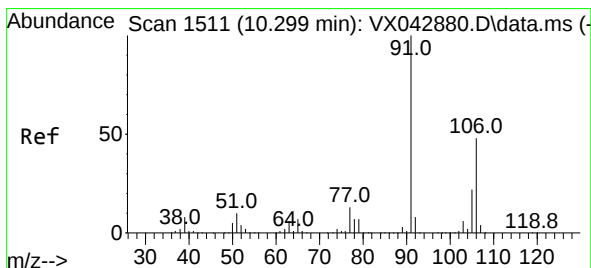
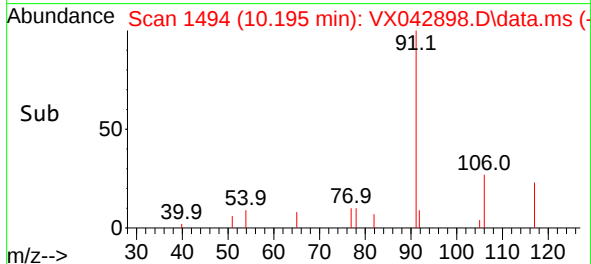
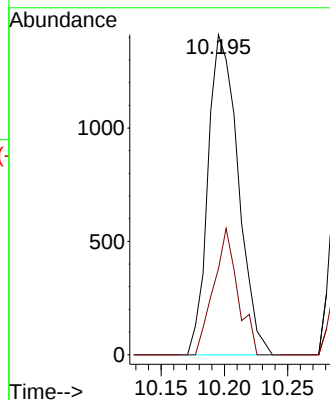
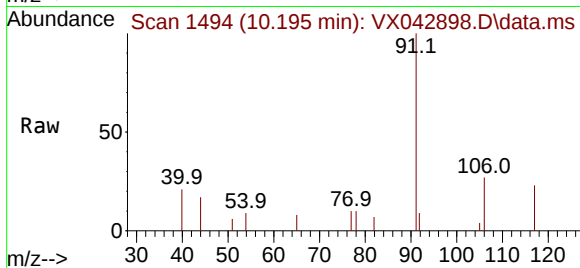
JC-1

Tgt Ion: 91 Resp: 2342

Ion Ratio Lower Upper

91 100

106 26.8 24.9 37.3



#68

m/p-Xylenes

Concen: 0.834 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX042898.D

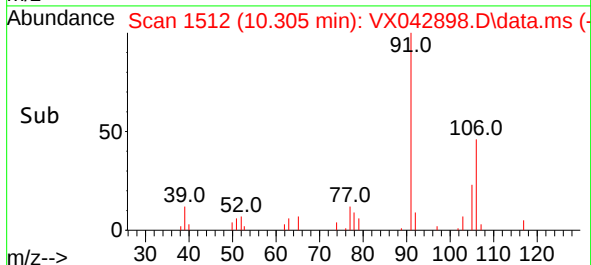
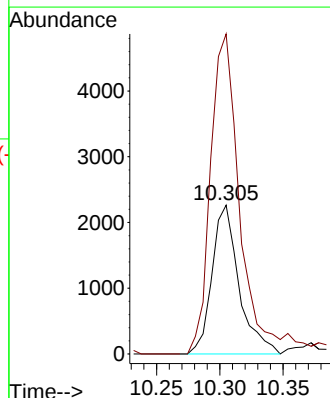
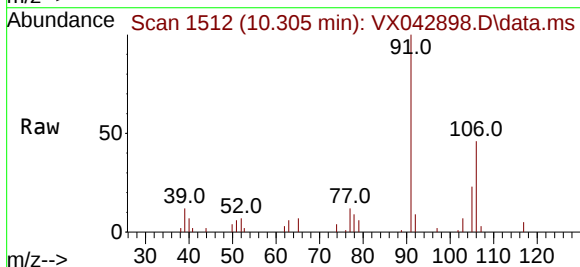
Acq: 07 Aug 2024 04:02

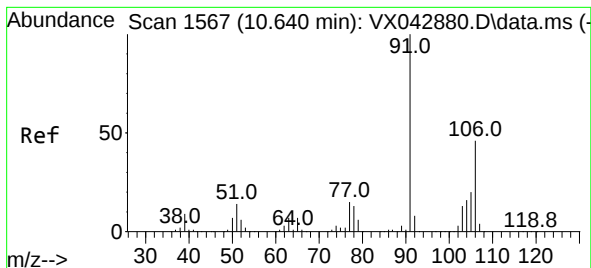
Tgt Ion: 106 Resp: 3356

Ion Ratio Lower Upper

106 100

91 240.1 165.5 248.3





#69

o-Xylene

Concen: 0.409 ug/l

RT: 10.646 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX042898.D

Acq: 07 Aug 2024 04:02

Instrument :

MSVOA_X

ClientSampleId :

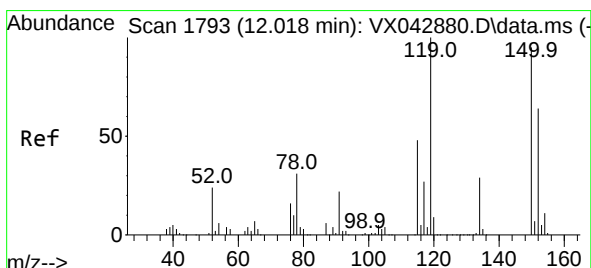
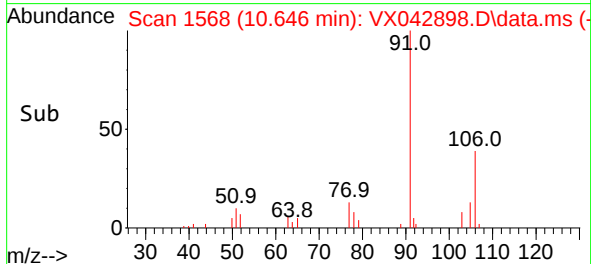
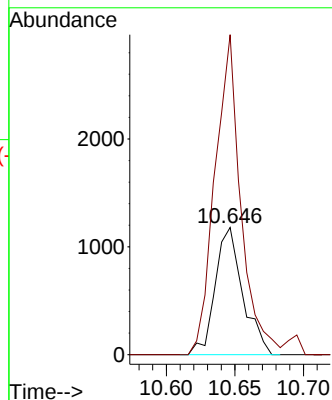
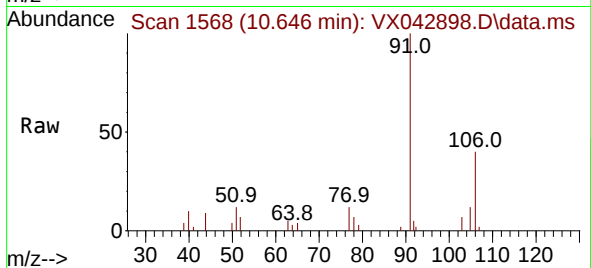
JC-1

Tgt Ion:106 Resp: 1649

Ion Ratio Lower Upper

106 100

91 236.6 108.9 326.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX042898.D

Acq: 07 Aug 2024 04:02

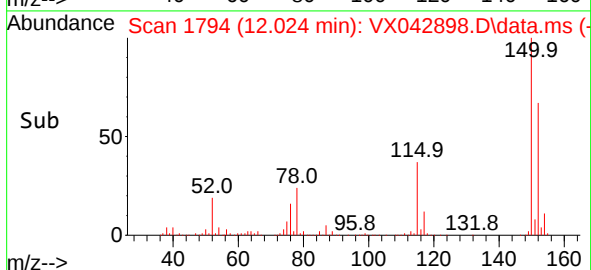
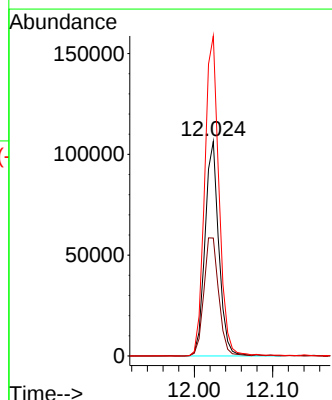
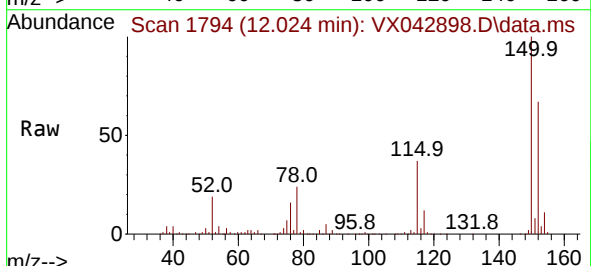
Tgt Ion:152 Resp: 130367

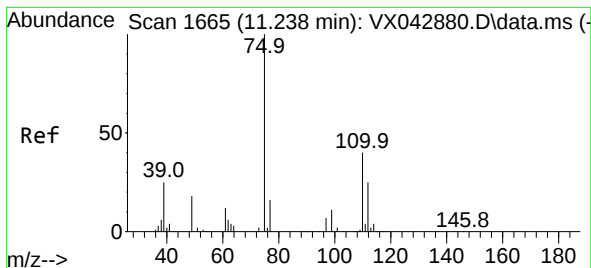
Ion Ratio Lower Upper

152 100

115 59.2 43.3 129.9

150 154.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.153 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX042898.D

Acq: 07 Aug 2024 04:02

Instrument :

MSVOA_X

ClientSampleId :

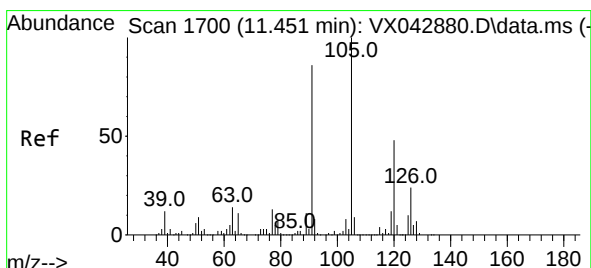
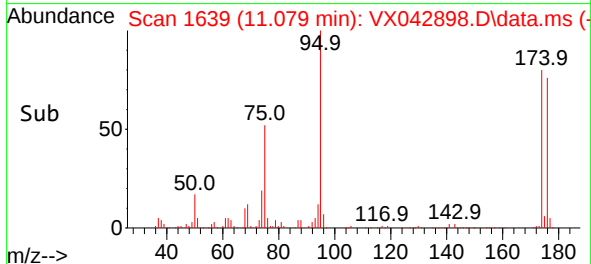
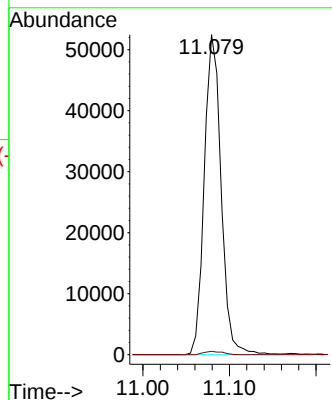
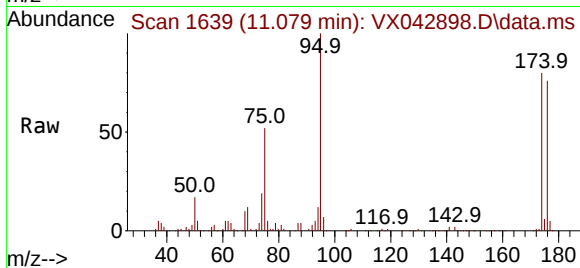
JC-1

Tgt Ion: 75 Resp: 70816

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#80

1,3,5-Trimethylbenzene

Concen: 0.300 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX042898.D

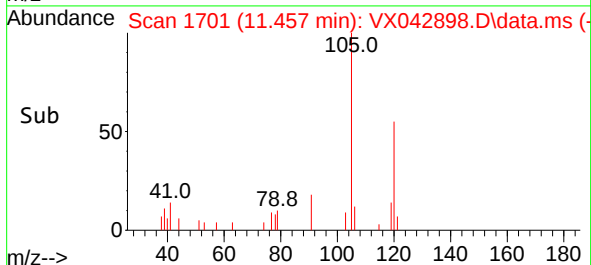
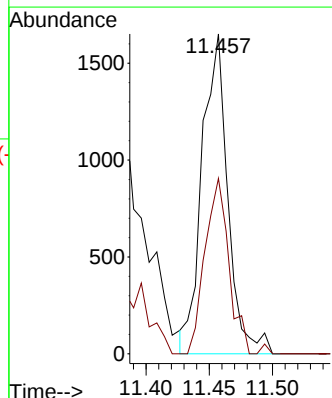
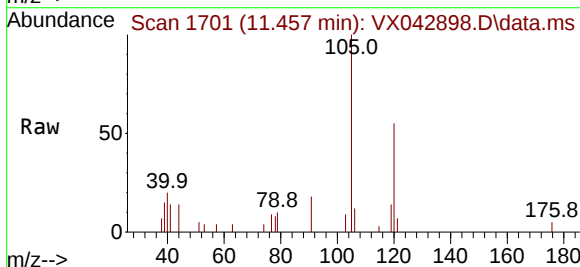
Acq: 07 Aug 2024 04:02

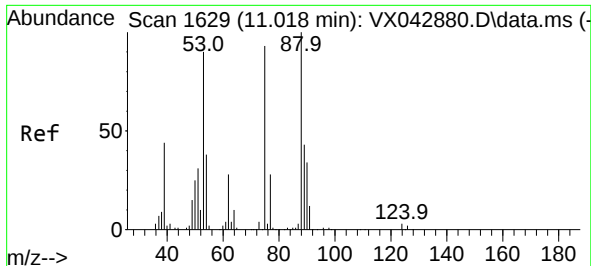
Tgt Ion:105 Resp: 2343

Ion Ratio Lower Upper

105 100

120 50.7 24.1 72.3

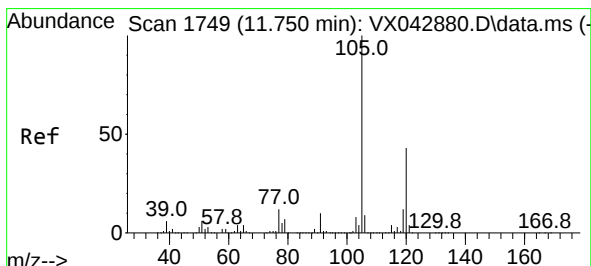
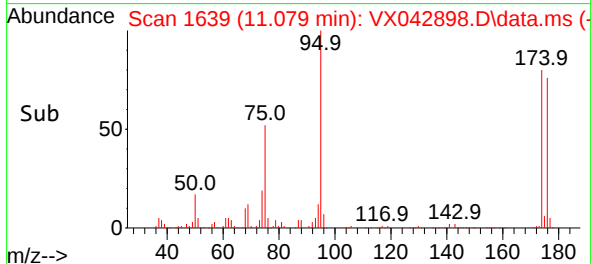
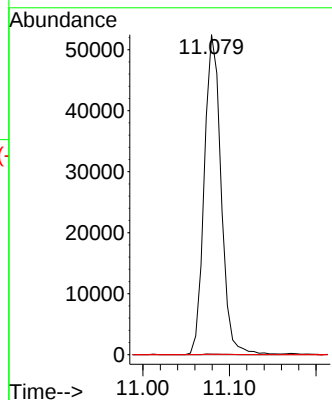
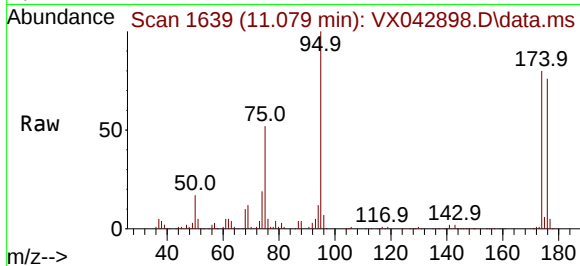




#81
trans-1,4-Dichloro-2-butene
Concen: 78.536 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX042898.D
Acq: 07 Aug 2024 04:02

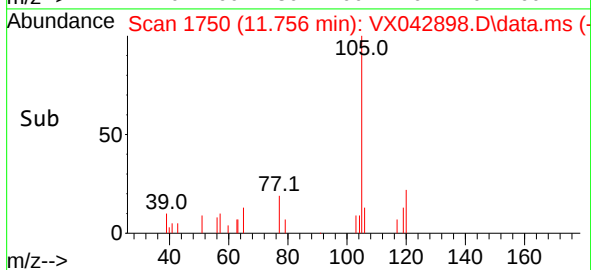
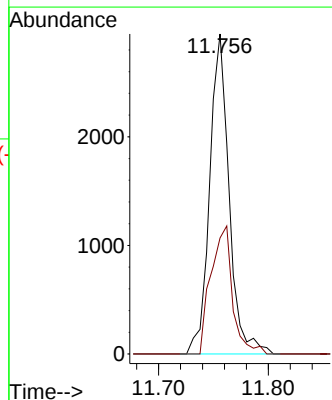
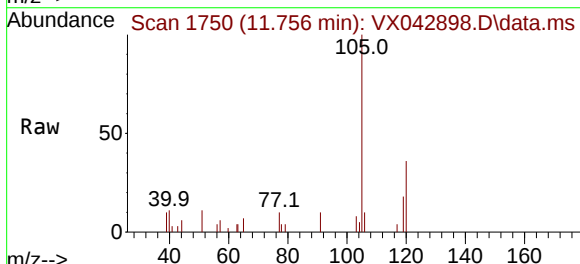
Instrument :
MSVOA_X
ClientSampleId :
JC-1

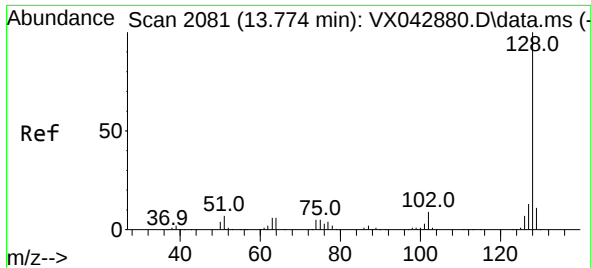
Tgt Ion: 75 Resp: 70816
Ion Ratio Lower Upper
75 100
53 0.3 90.5 135.7#
89 0.0 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.462 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX042898.D
Acq: 07 Aug 2024 04:02

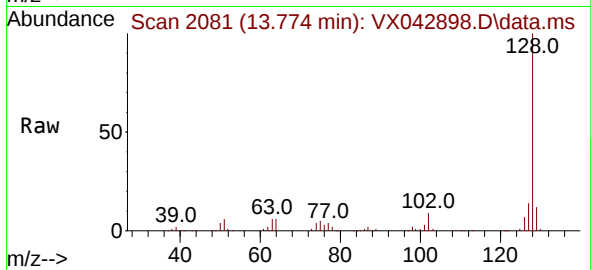
Tgt Ion:105 Resp: 3627
Ion Ratio Lower Upper
105 100
120 44.6 21.2 63.6





#95
 Naphthalene
 Concen: 9.012 ug/l
 RT: 13.774 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VX042898.D
 Acq: 07 Aug 2024 04:02

Instrument :
 MSVOA_X
 ClientSampleId :
 JC-1



Tgt Ion:128 Resp: 82655
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.3 15.5
 129 11.4 8.8 13.2

