

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042899.D
 Acq On : 07 Aug 2024 04:26
 Operator : JC/MD
 Sample : P3462-05 20X
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 JC-2

Quant Time: Aug 07 06:35:13 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)

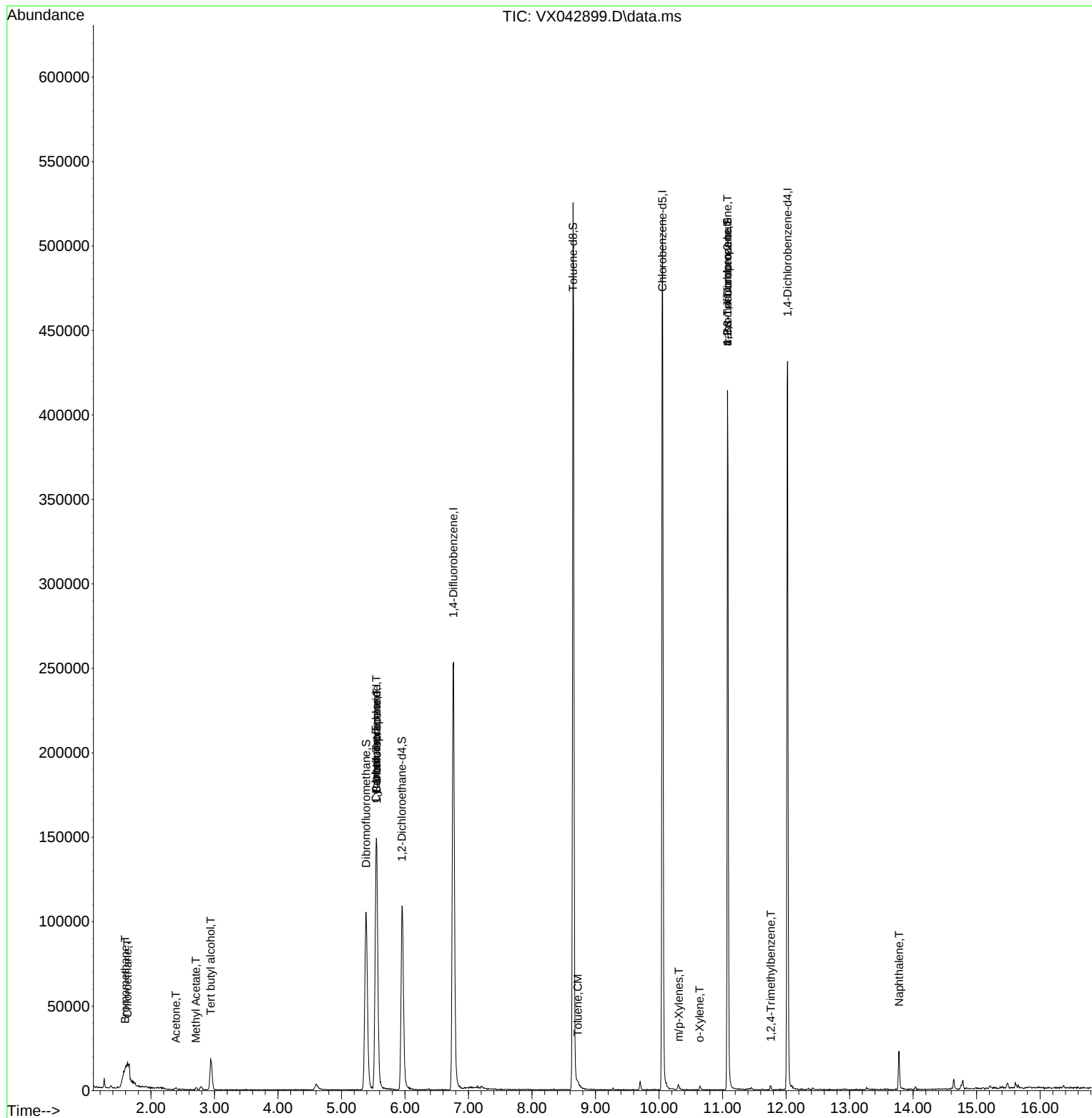
Internal Standards						
1) Pentafluorobenzene	5.550	168	146289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	266366	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	246776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	111212	55.377	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 110.760%		
35) Dibromofluoromethane	5.385	113	94882	54.479	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 108.960%		
50) Toluene-d8	8.647	98	318534	51.519	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 103.040%		
62) 4-Bromofluorobenzene	11.079	95	109419	49.248	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 98.500%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	296	0.300	ug/l #	52
6) Chloroethane	1.630	64	341	0.367	ug/l #	53
11) Tert butyl alcohol	2.940	59	10841	27.139	ug/l #	80
16) Acetone	2.392	43	1341	1.540	ug/l #	89
18) Methyl Acetate	2.709	43	1930	0.699	ug/l	93
20) Methylene Chloride	2.794	84	1119	Below Cal	#	66
31) Cyclohexane	5.544	56	2717	1.081	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11914	5.046	ug/l #	49
38) Carbon Tetrachloride	5.550	117	15121	5.673	ug/l #	18
52) Toluene	8.720	92	975	0.219	ug/l	93
68) m/p-Xylenes	10.311	106	981	0.292	ug/l	79
69) o-Xylene	10.640	106	739	0.219	ug/l	80
76) 1,2,3-Trichloropropane	11.079	75	56112	25.772	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	56112	83.800	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.762	105	1520	0.261	ug/l	99
95) Naphthalene	13.780	128	16684	2.450	ug/l	99

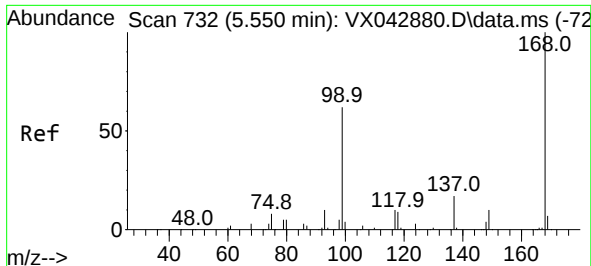
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
Data File : VX042899.D
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Sample : P3462-05 20X
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Instrument :
MSVOA_X
ClientSampleId :
JC-2

Quant Time: Aug 07 06:35:13 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

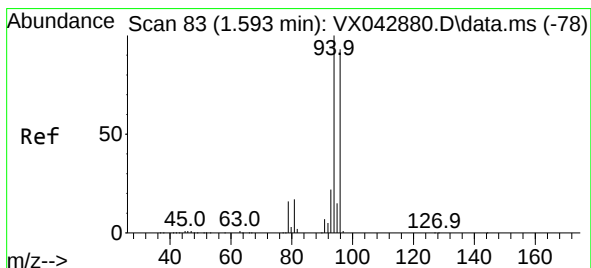
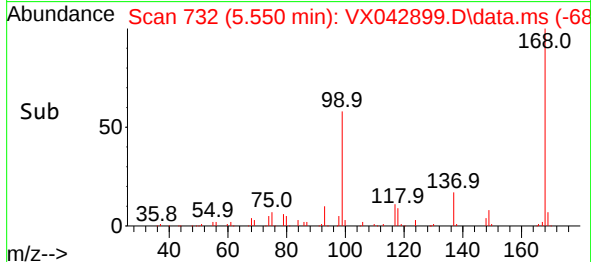
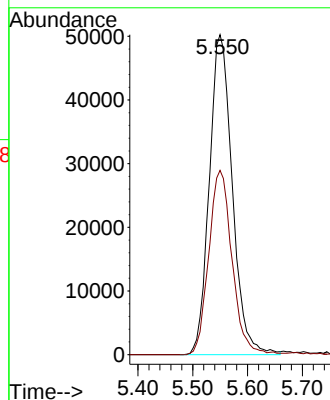
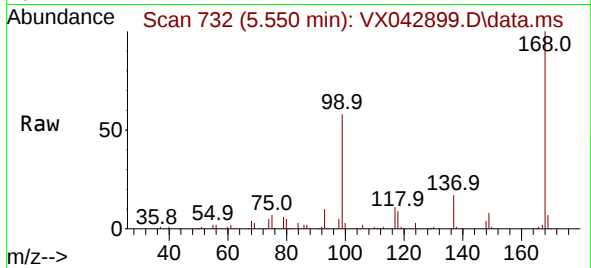




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042899.D
Acq: 07 Aug 2024 04:26

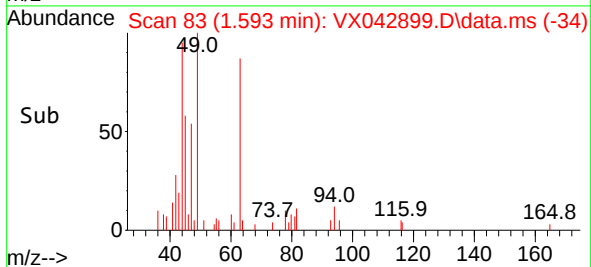
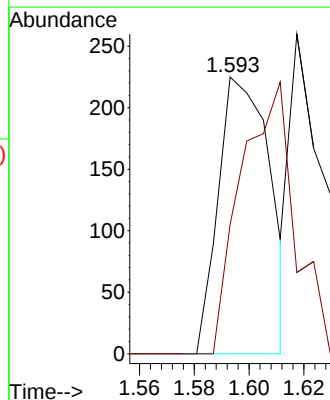
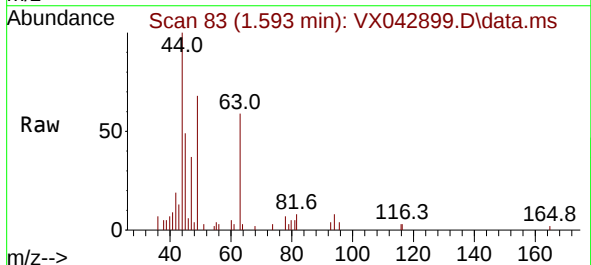
Instrument :
MSVOA_X
ClientSampleId :
JC-2

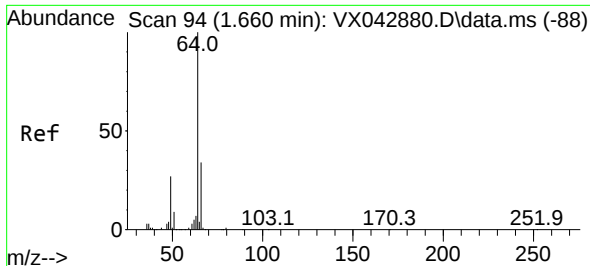
Tgt Ion:168 Resp: 146289
Ion Ratio Lower Upper
168 100
99 57.6 56.6 85.0



#5
Bromomethane
Concen: 0.300 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX042899.D
Acq: 07 Aug 2024 04:26

Tgt Ion: 94 Resp: 296
Ion Ratio Lower Upper
94 100
96 46.7 74.6 111.8#





#6

Chloroethane

Concen: 0.367 ug/l

RT: 1.630 min Scan# 89

Delta R.T. -0.031 min

Lab File: VX042899.D

Acq: 07 Aug 2024 04:26

Instrument :

MSVOA_X

ClientSampleId :

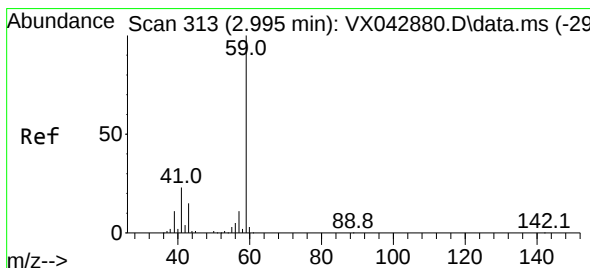
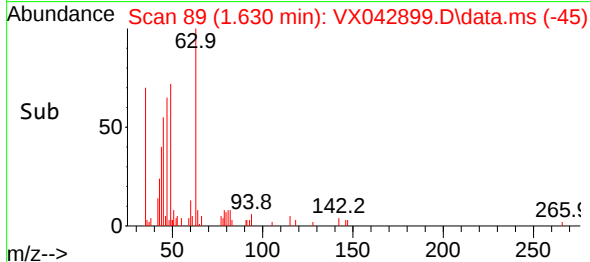
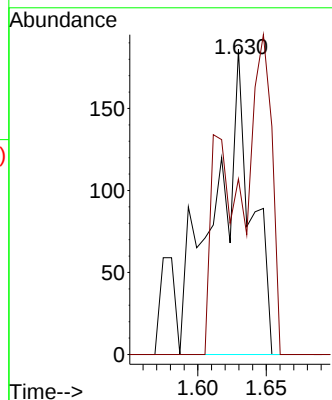
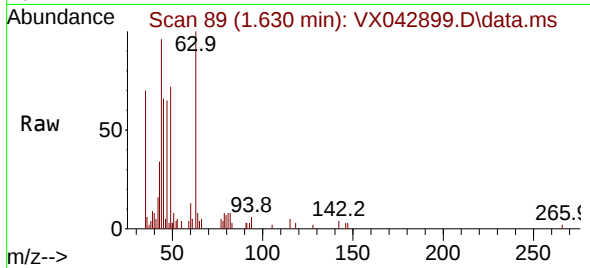
JC-2

Tgt Ion: 64 Resp: 341

Ion Ratio Lower Upper

64 100

66 57.5 25.1 37.7#



#11

Tert butyl alcohol

Concen: 27.139 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.055 min

Lab File: VX042899.D

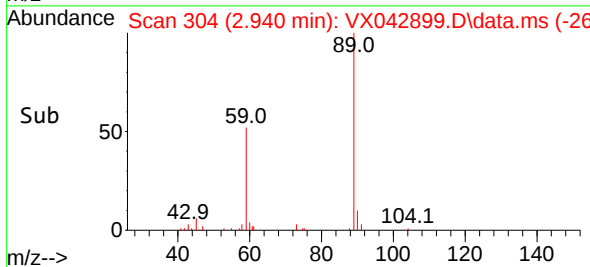
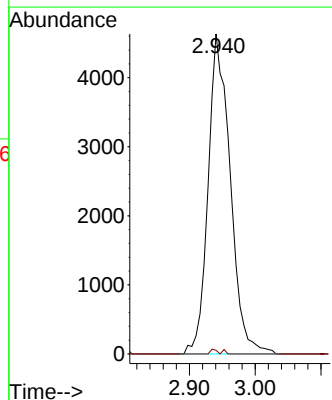
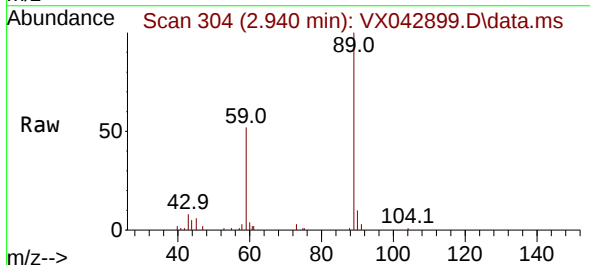
Acq: 07 Aug 2024 04:26

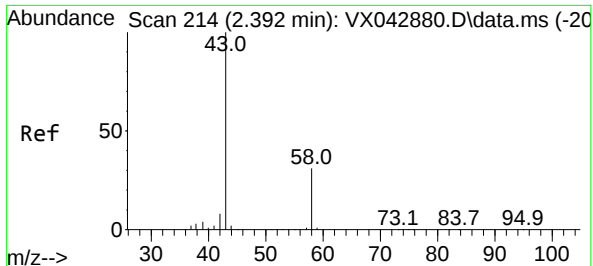
Tgt Ion: 59 Resp: 10841

Ion Ratio Lower Upper

59 100

57 0.4 6.0 9.0#

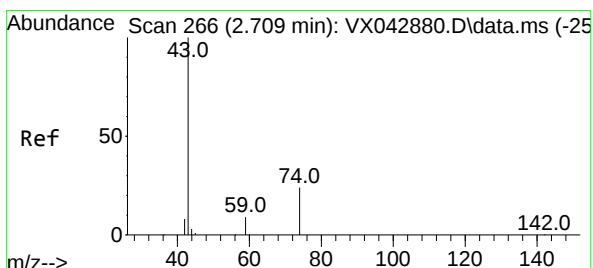
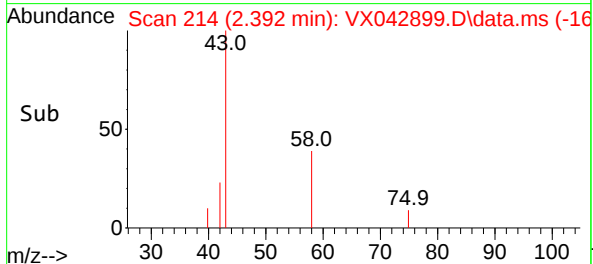
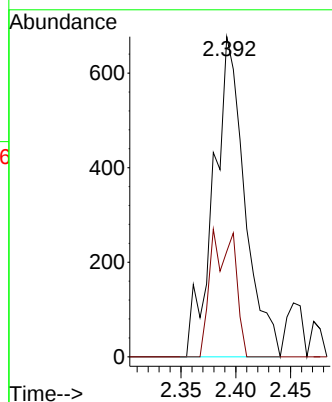
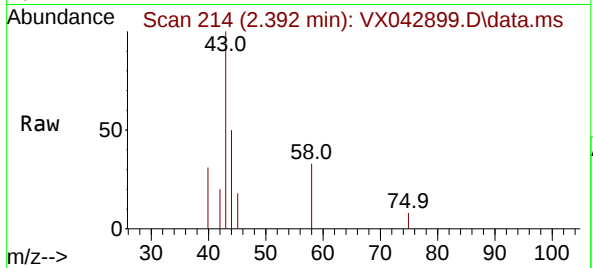




#16
Acetone
Concen: 1.540 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX042899.D
Acq: 07 Aug 2024 04:26

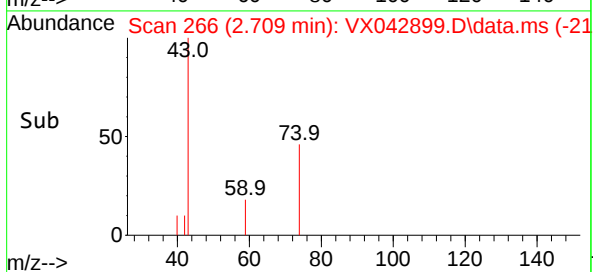
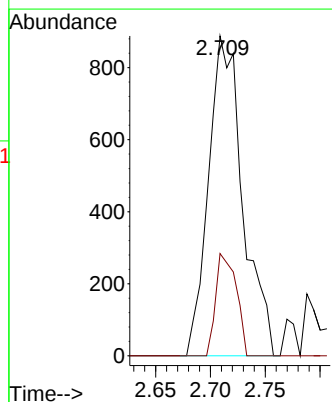
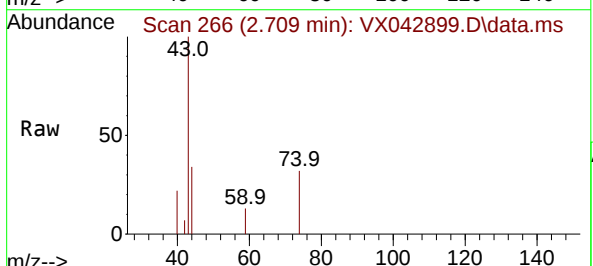
Instrument :
MSVOA_X
ClientSampleId :
JC-2

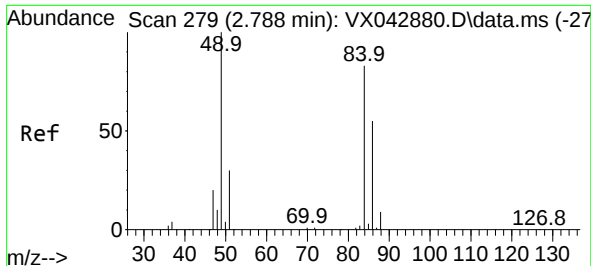
Tgt Ion: 43 Resp: 1341
Ion Ratio Lower Upper
43 100
58 32.9 21.9 32.9#



#18
Methyl Acetate
Concen: 0.699 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX042899.D
Acq: 07 Aug 2024 04:26

Tgt Ion: 43 Resp: 1930
Ion Ratio Lower Upper
43 100
74 19.2 17.8 26.8





#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX042899.D

Acq: 07 Aug 2024 04:26

Instrument :

MSVOA_X

ClientSampleId :

JC-2

Tgt Ion: 84 Resp: 1119

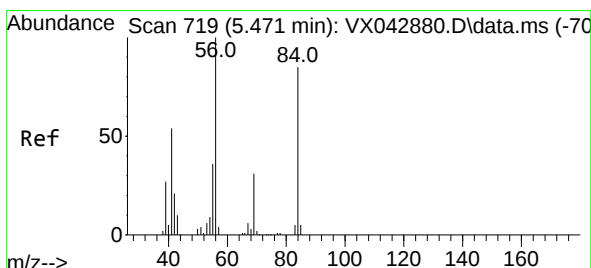
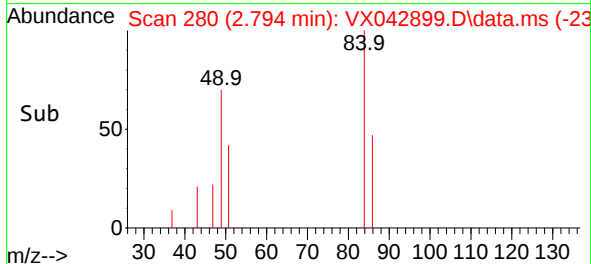
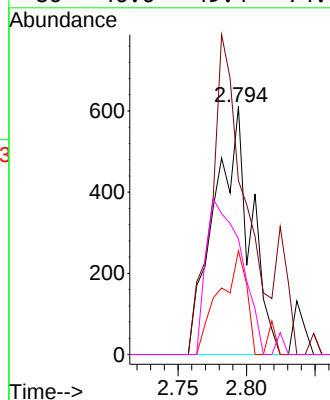
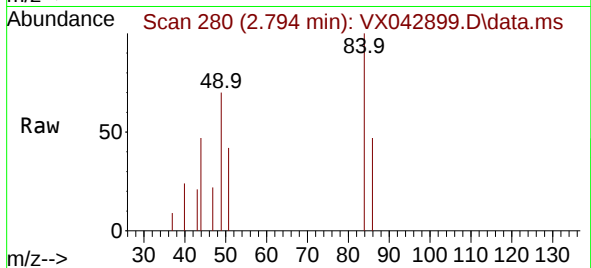
Ion Ratio Lower Upper

84 100

49 70.0 103.6 155.4#

51 41.9 33.8 50.6

86 46.6 49.4 74.0#



#31

Cyclohexane

Concen: 1.081 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX042899.D

Acq: 07 Aug 2024 04:26

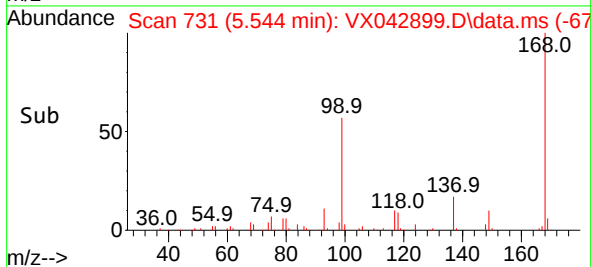
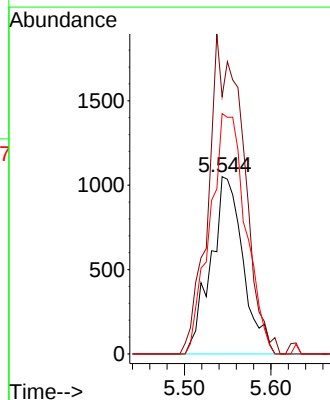
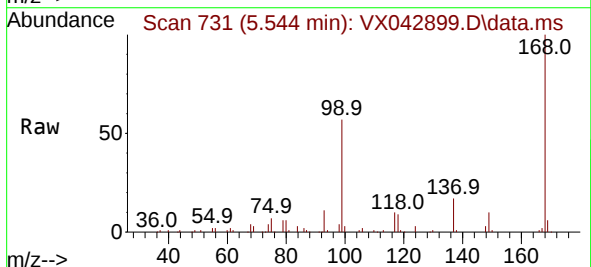
Tgt Ion: 56 Resp: 2717

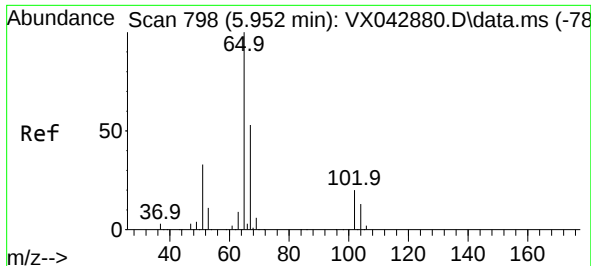
Ion Ratio Lower Upper

56 100

69 145.1 23.4 35.2#

84 135.6 65.9 98.9#

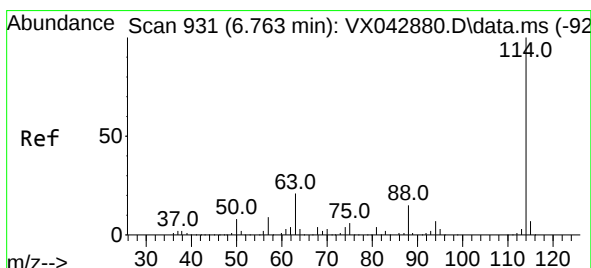
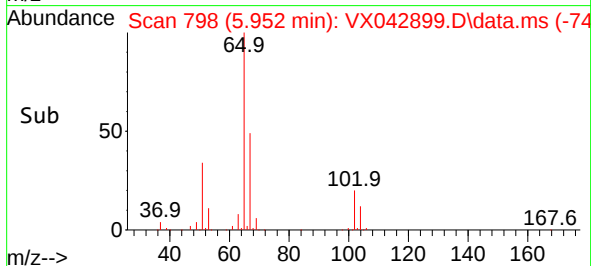
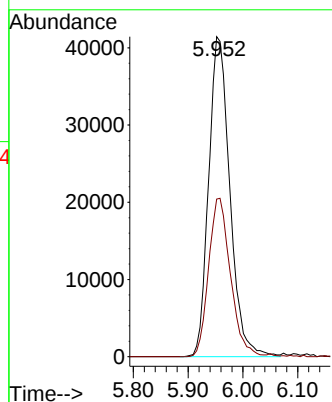
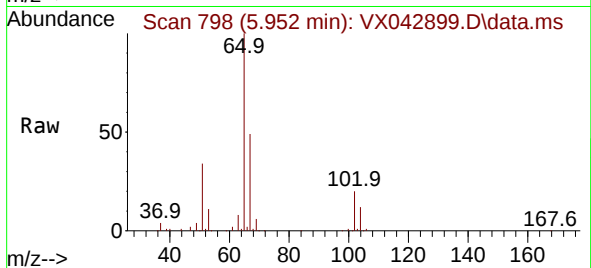




#33
1,2-Dichloroethane-d4
Concen: 55.377 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX042899.D
Acq: 07 Aug 2024 04:26

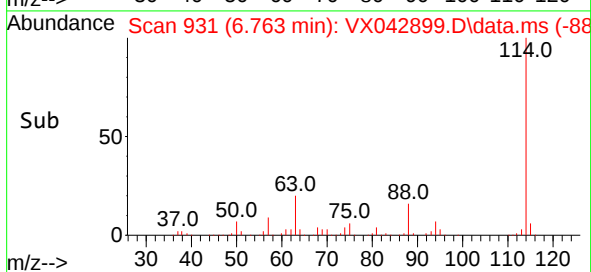
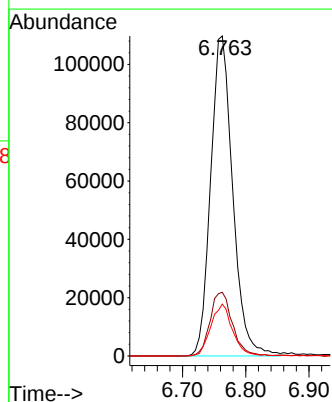
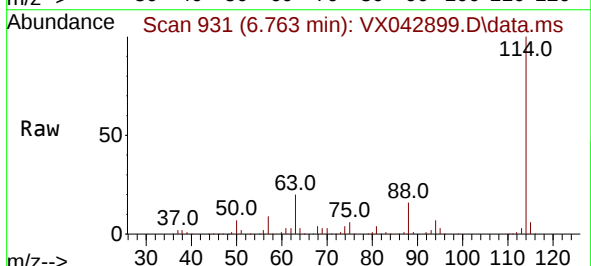
Instrument :
MSVOA_X
ClientSampleId :
JC-2

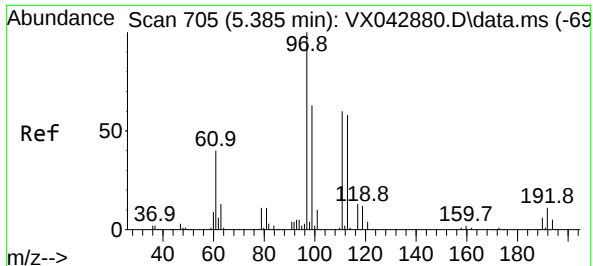
Tgt Ion: 65 Resp: 111212
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX042899.D
Acq: 07 Aug 2024 04:26

Tgt Ion: 114 Resp: 266366
Ion Ratio Lower Upper
114 100
63 19.9 0.0 45.0
88 16.2 0.0 36.6

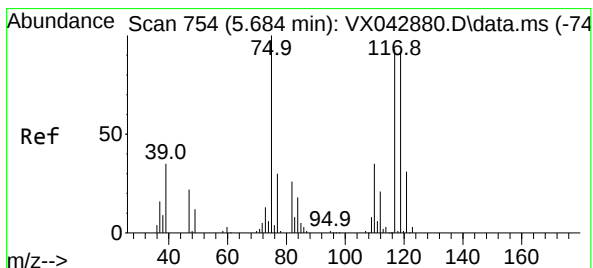
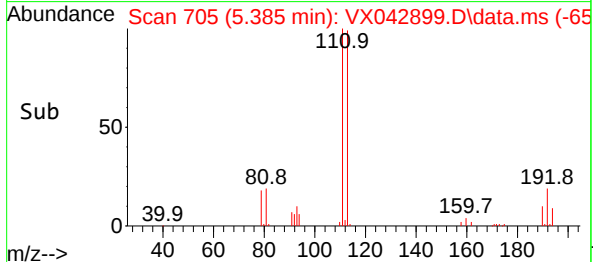
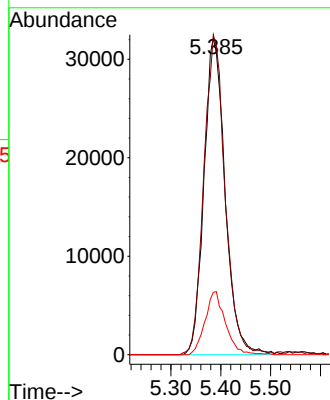
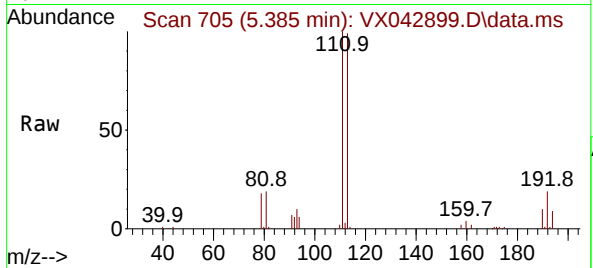




#35
Dibromofluoromethane
Concen: 54.479 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX042899.D
Acq: 07 Aug 2024 04:26

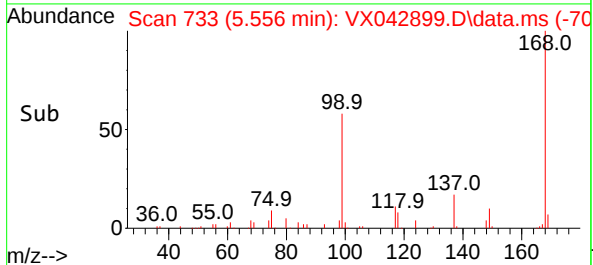
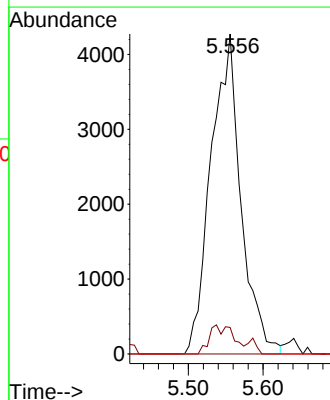
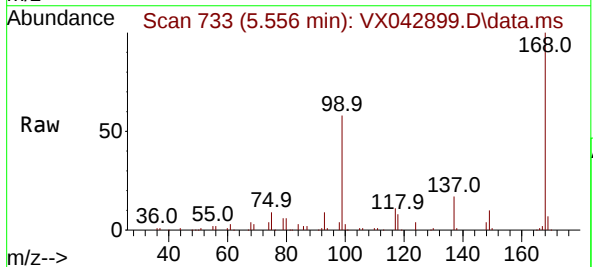
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ClientSampleId :
JC-2

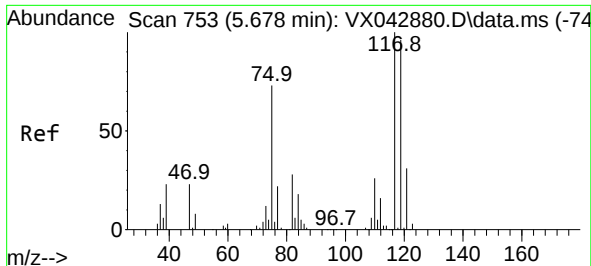
Tgt Ion:113 Resp: 94882
Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 19.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.046 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX042899.D
Acq: 07 Aug 2024 04:26

Tgt Ion: 75 Resp: 11914
Ion Ratio Lower Upper
75 100
110 7.3 17.0 50.9#
77 0.0 24.7 37.1#

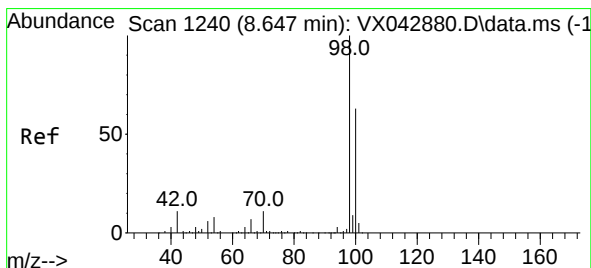
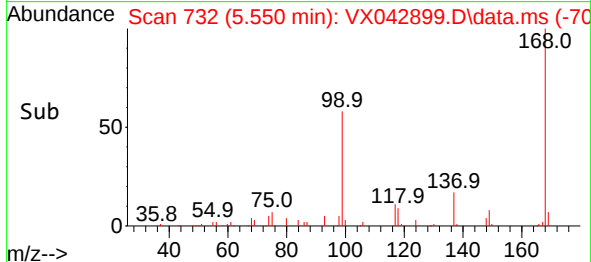
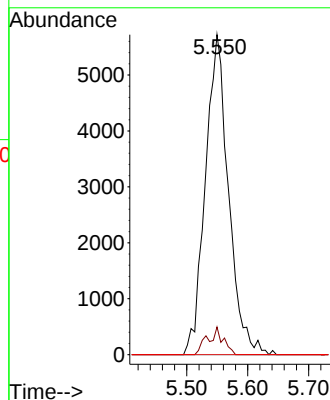
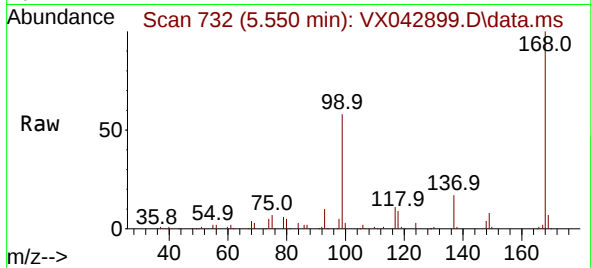




#38
Carbon Tetrachloride
Concen: 5.673 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX042899.D
Acq: 07 Aug 2024 04:26

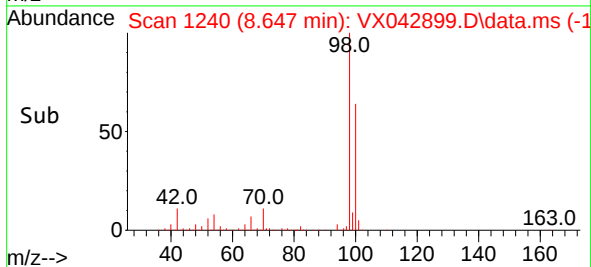
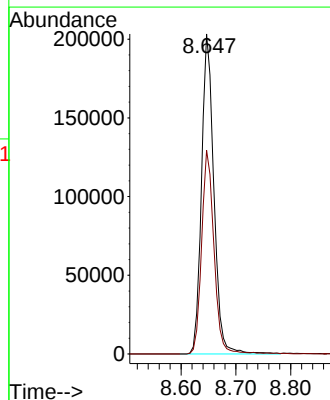
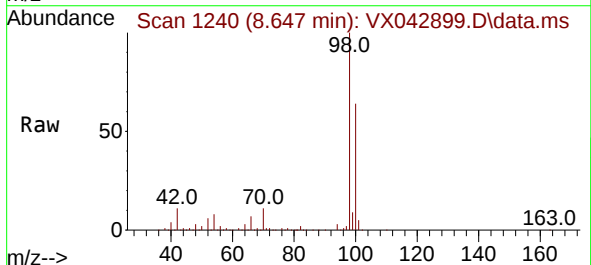
Instrument :
MSVOA_X
ClientSampleId :
JC-2

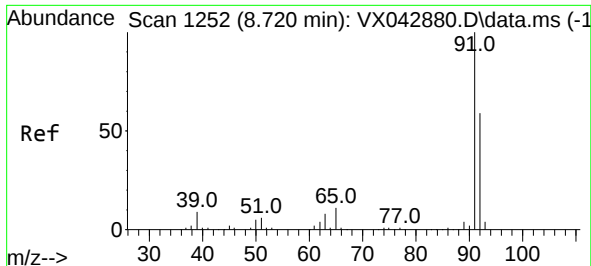
Tgt Ion:117 Resp: 15121
Ion Ratio Lower Upper
117 100
119 8.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 51.519 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042899.D
Acq: 07 Aug 2024 04:26

Tgt Ion: 98 Resp: 318534
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7

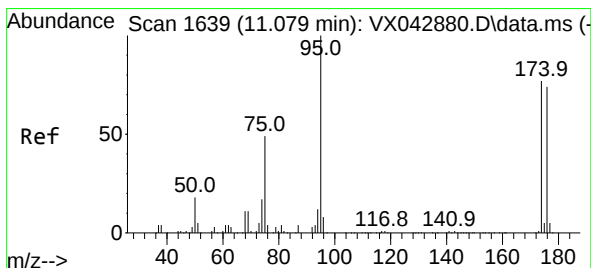
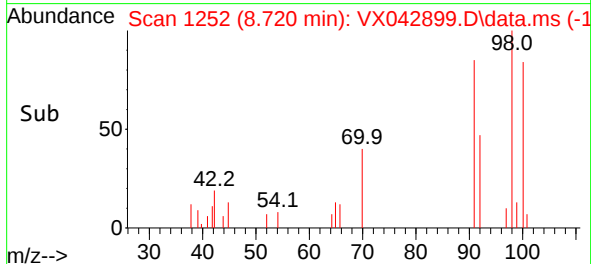
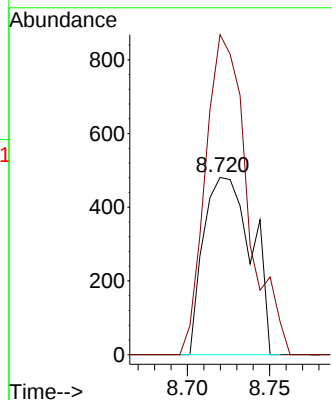
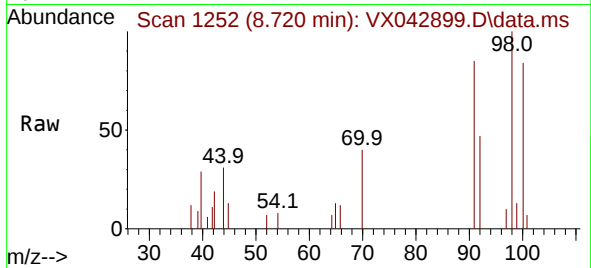




#52
Toluene
Concen: 0.219 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042899.D
Acq: 07 Aug 2024 04:26

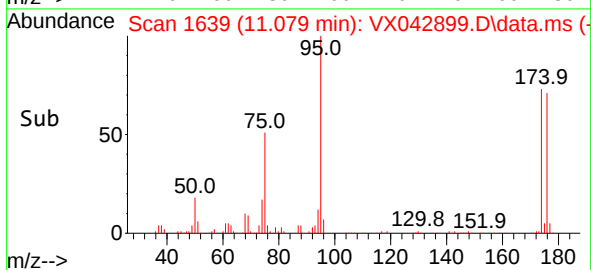
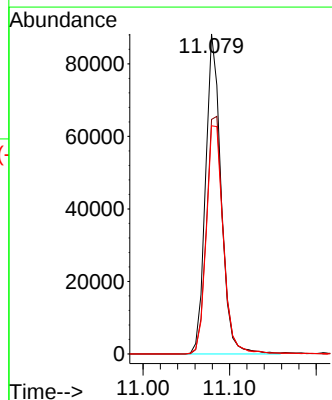
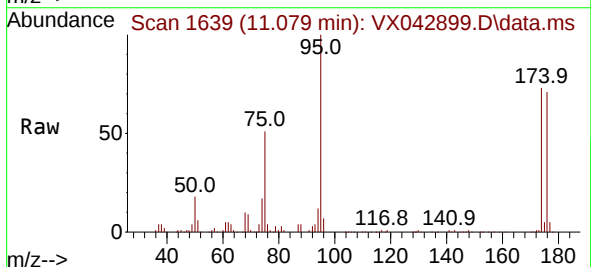
Instrument :
MSVOA_X
ClientSampleId :
JC-2

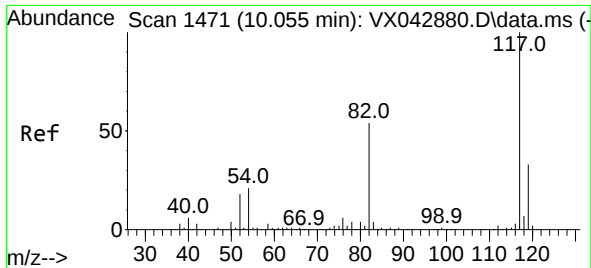
Tgt Ion: 92 Resp: 975
Ion Ratio Lower Upper
92 100
91 158.5 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 49.248 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042899.D
Acq: 07 Aug 2024 04:26

Tgt Ion: 95 Resp: 109419
Ion Ratio Lower Upper
95 100
174 81.0 0.0 135.6
176 78.5 0.0 131.0

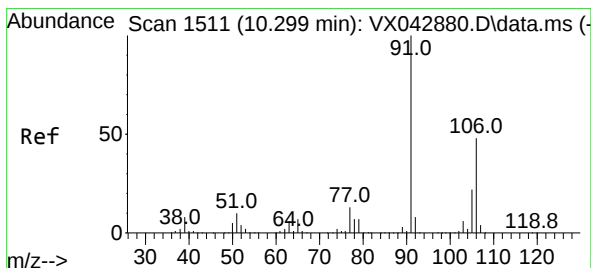
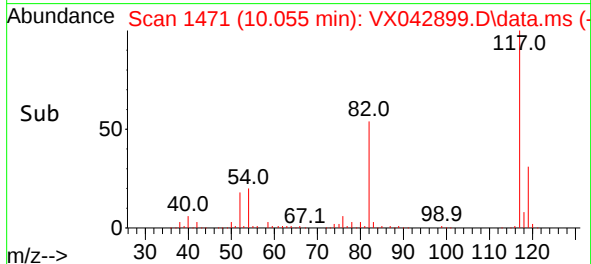
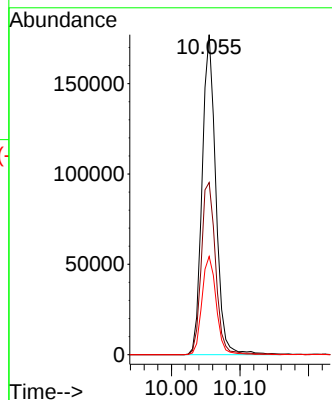
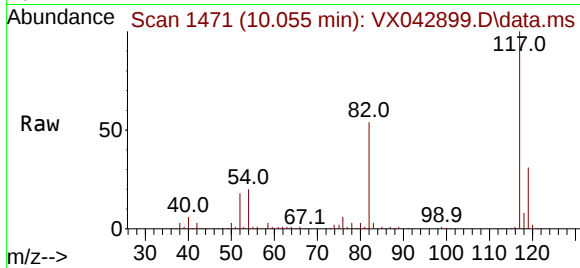




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042899.D
Acq: 07 Aug 2024 04:26

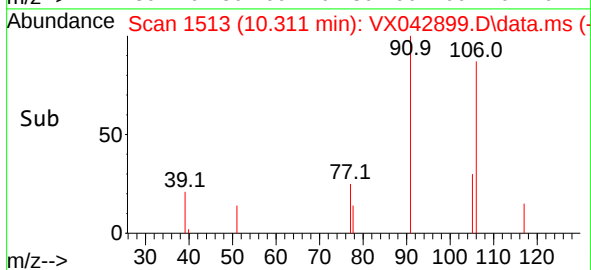
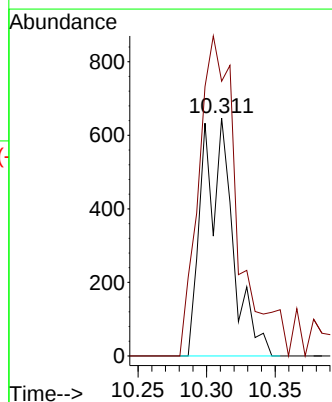
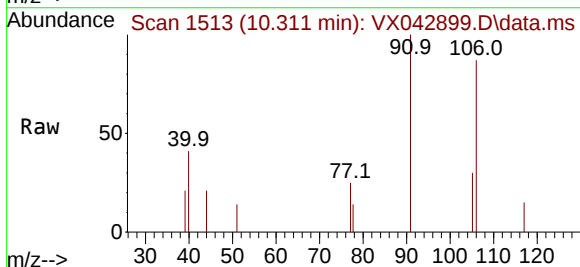
Instrument :
MSVOA_X
ClientSampleId :
JC-2

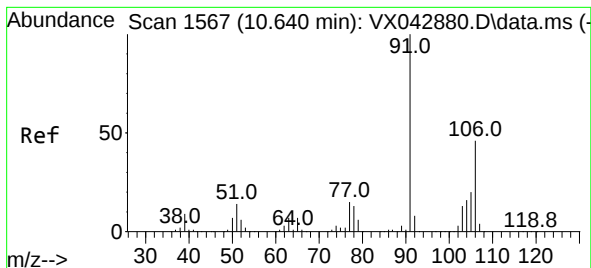
Tgt Ion:117 Resp: 246776
Ion Ratio Lower Upper
117 100
82 53.8 46.2 69.4
119 30.7 25.5 38.3



#68
m/p-Xylenes
Concen: 0.292 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.012 min
Lab File: VX042899.D
Acq: 07 Aug 2024 04:26

Tgt Ion:106 Resp: 981
Ion Ratio Lower Upper
106 100
91 174.3 165.5 248.3





#69

o-Xylene

Concen: 0.219 ug/l

RT: 10.640 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX042899.D

Acq: 07 Aug 2024 04:26

Instrument :

MSVOA_X

ClientSampleId :

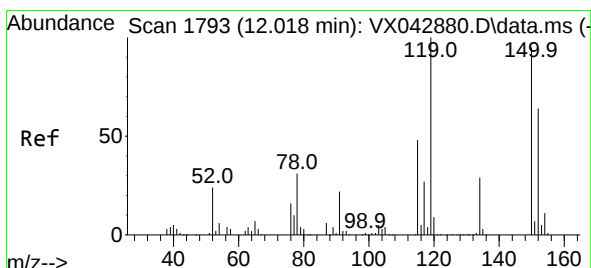
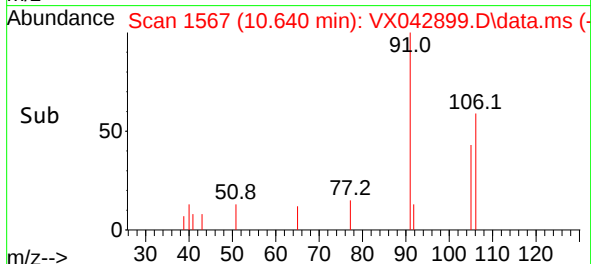
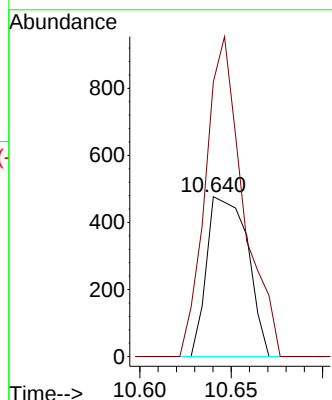
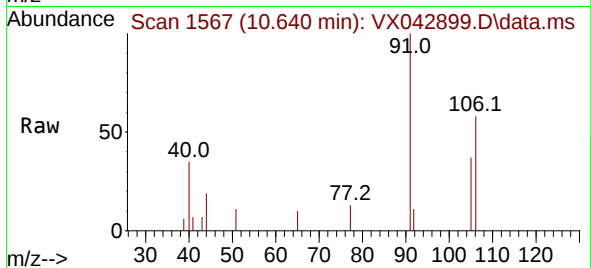
JC-2

Tgt Ion:106 Resp: 739

Ion Ratio Lower Upper

106 100

91 185.7 108.9 326.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX042899.D

Acq: 07 Aug 2024 04:26

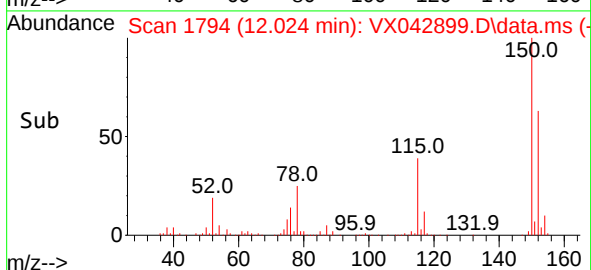
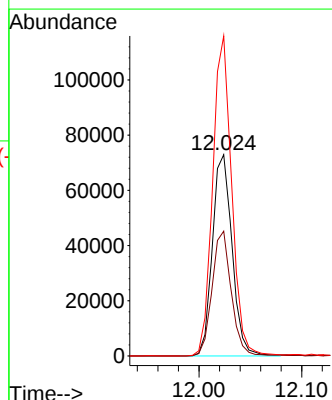
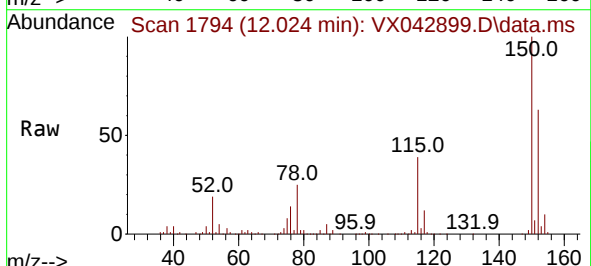
Tgt Ion:152 Resp: 96809

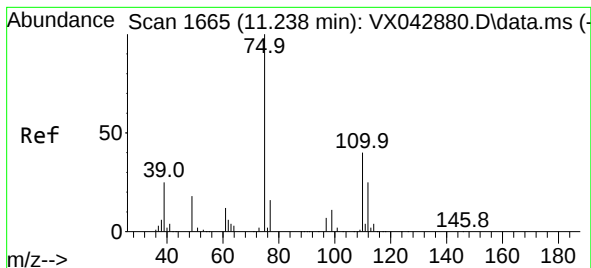
Ion Ratio Lower Upper

152 100

115 60.9 43.3 129.9

150 153.6 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.772 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042899.D

Acq: 07 Aug 2024 04:26

Instrument :

MSVOA_X

ClientSampleId :

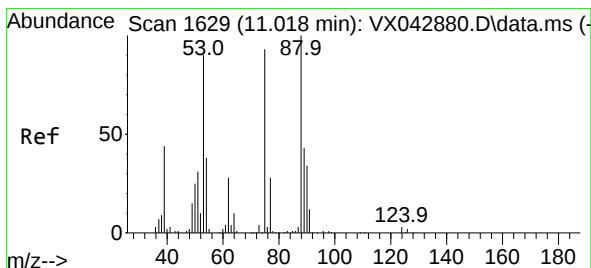
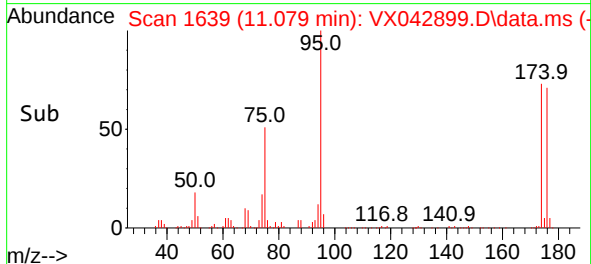
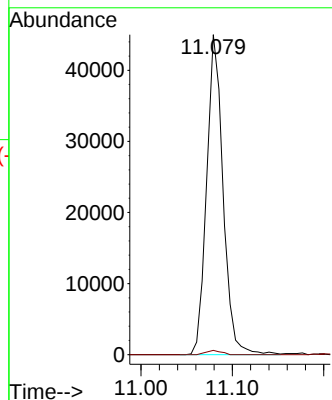
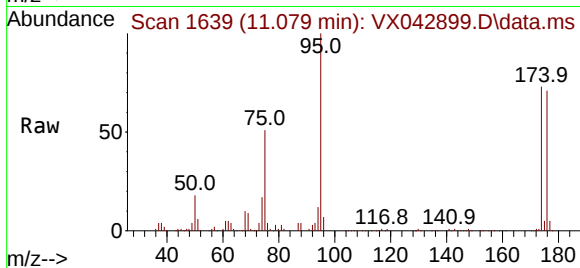
JC-2

Tgt Ion: 75 Resp: 56112

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 83.800 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX042899.D

Acq: 07 Aug 2024 04:26

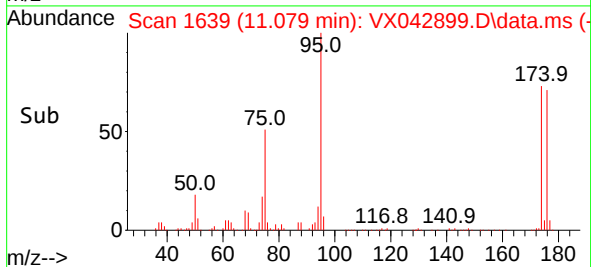
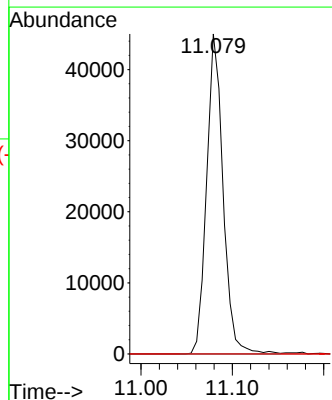
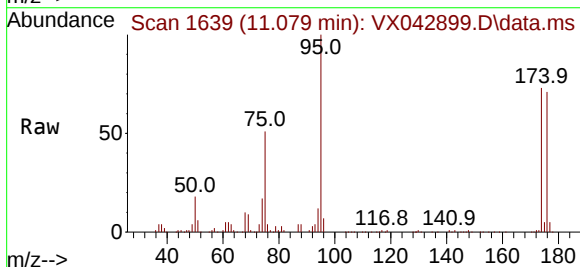
Tgt Ion: 75 Resp: 56112

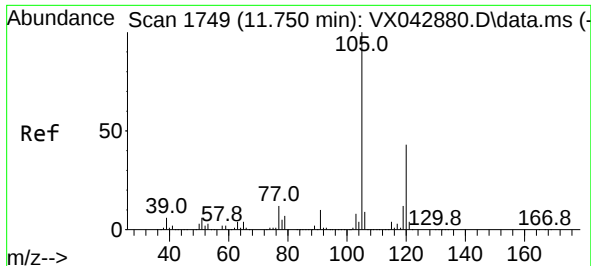
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

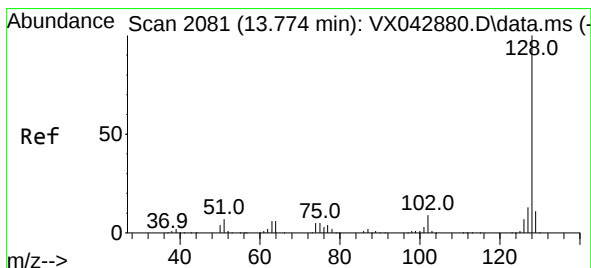
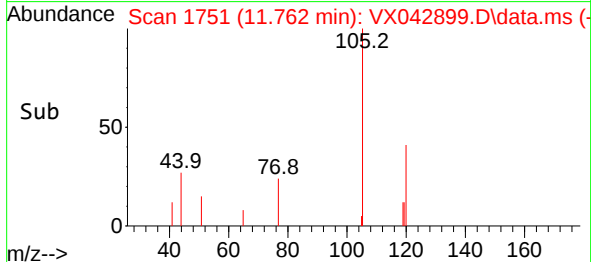
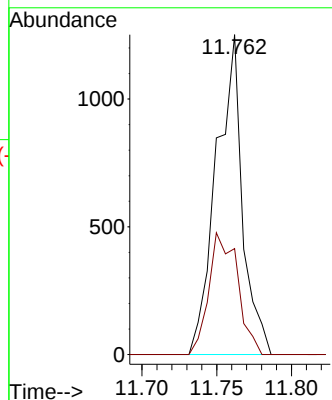
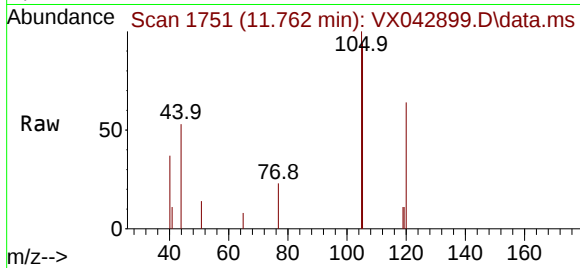




#84
1,2,4-Trimethylbenzene
Concen: 0.261 ug/l
RT: 11.762 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VX042899.D
Acq: 07 Aug 2024 04:26

Instrument :
MSVOA_X
ClientSampleId :
JC-2

Tgt Ion:105 Resp: 1520
Ion Ratio Lower Upper
105 100
120 42.0 21.2 63.6



#95
Naphthalene
Concen: 2.450 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX042899.D
Acq: 07 Aug 2024 04:26

Tgt Ion:128 Resp: 16684
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.8 8.8 13.2

