

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042913.D
 Acq On : 07 Aug 2024 14:15
 Operator : JC/MD
 Sample : P3462-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 JC-3

Quant Time: Aug 07 14:43:35 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)

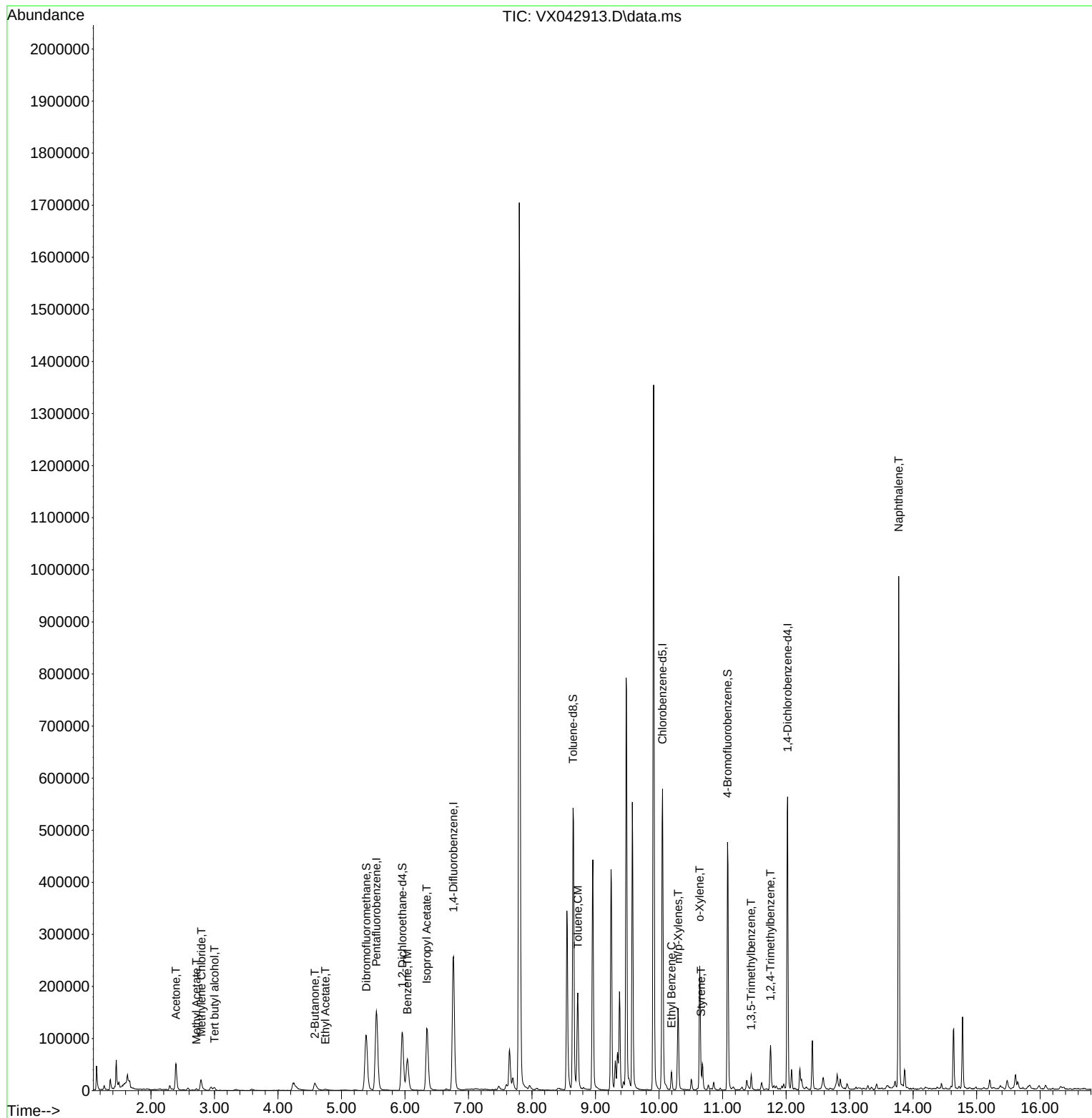
Internal Standards						
1) Pentafluorobenzene	5.549	168	146997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	276006	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	273229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	115369	57.171	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 114.340%		
35) Dibromofluoromethane	5.391	113	96552	53.501	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 107.000%		
50) Toluene-d8	8.646	98	337070	52.613	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 105.220%		
62) 4-Bromofluorobenzene	11.079	95	131413	57.082	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 114.160%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.001	59	7153	17.821	ug/l #	92
16) Acetone	2.391	43	59775	68.293	ug/l	91
18) Methyl Acetate	2.715	43	3768	1.358	ug/l	94
20) Methylene Chloride	2.794	84	11754	5.623	ug/l #	72
25) 2-Butanone	4.580	43	26641	19.382	ug/l	99
37) Ethyl Acetate	4.745	43	3865	1.263	ug/l #	93
40) Benzene	6.037	78	75756	9.976	ug/l	96
43) Isopropyl Acetate	6.342	43	166883	36.860	ug/l	97
52) Toluene	8.720	92	70504	15.306	ug/l	94
67) Ethyl Benzene	10.195	91	20995	2.153	ug/l	96
68) m/p-Xylenes	10.299	106	36946	9.923	ug/l	94
69) o-Xylene	10.640	106	28900	7.749	ug/l	98
70) Styrene	10.658	104	7895	1.316	ug/l #	44
80) 1,3,5-Trimethylbenzene	11.451	105	12526	1.729	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	33784	4.632	ug/l	87
95) Naphthalene	13.774	128	591499	69.474	ug/l	100

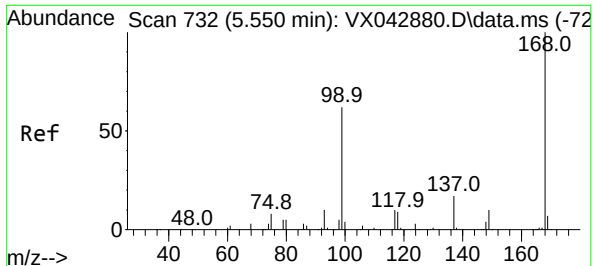
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
Data File : VX042913.D
Acq On : 07 Aug 2024 14:15
Operator : JC/MD
Sample : P3462-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
JC-3

Quant Time: Aug 07 14:43:35 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

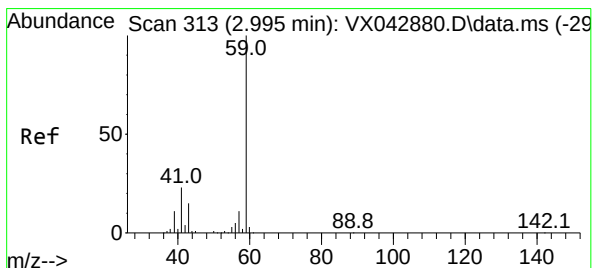
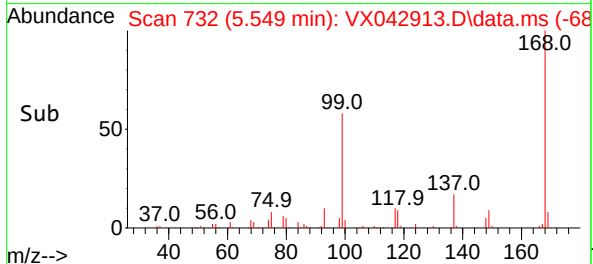
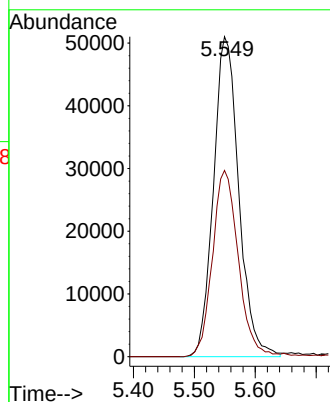
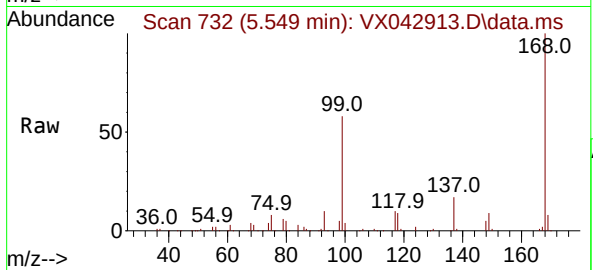




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX042913.D
Acq: 07 Aug 2024 14:15

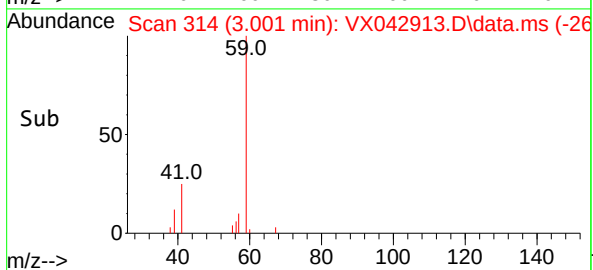
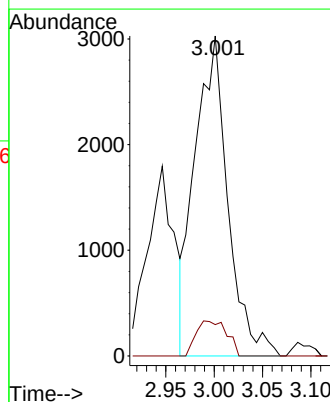
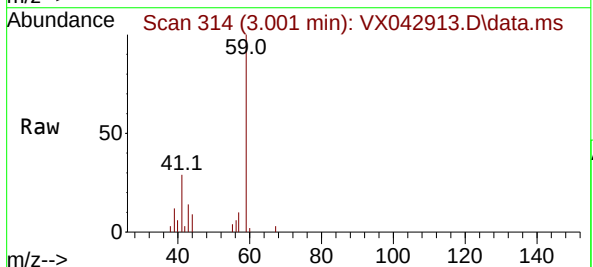
Instrument :
MSVOA_X
ClientSampleId :
JC-3

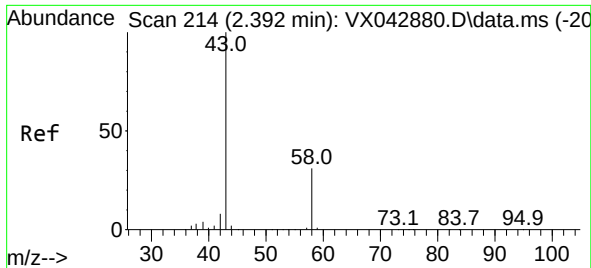
Tgt Ion:168 Resp: 146997
Ion Ratio Lower Upper
168 100
99 58.2 56.6 85.0



#11
Tert butyl alcohol
Concen: 17.821 ug/l
RT: 3.001 min Scan# 314
Delta R.T. 0.006 min
Lab File: VX042913.D
Acq: 07 Aug 2024 14:15

Tgt Ion: 59 Resp: 7153
Ion Ratio Lower Upper
59 100
57 10.3 6.0 9.0#

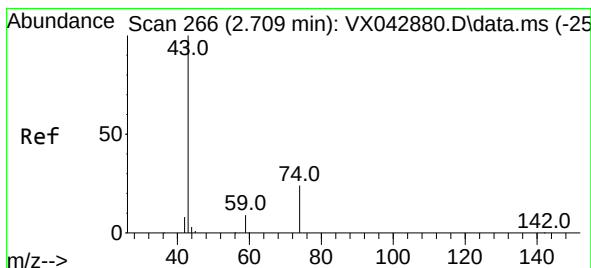
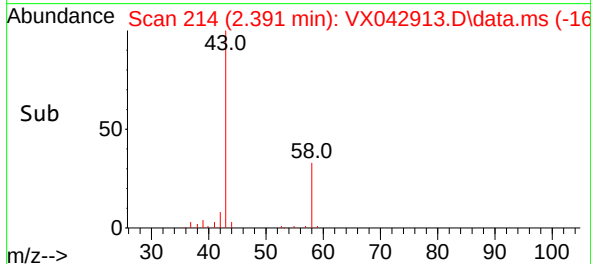
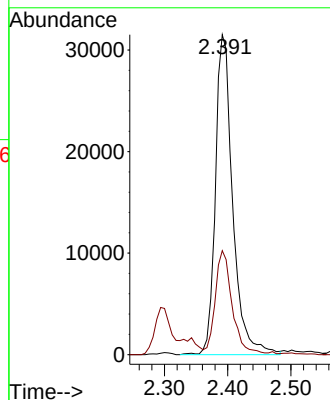
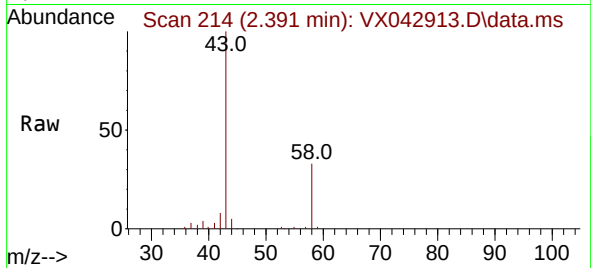




#16
Acetone
Concen: 68.293 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX042913.D
Acq: 07 Aug 2024 14:15

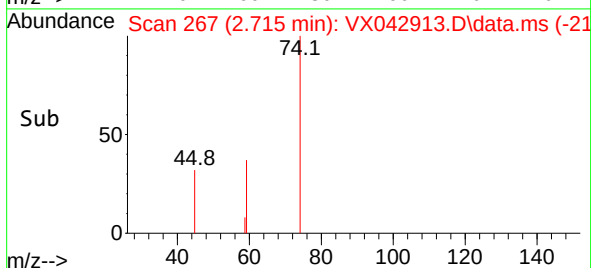
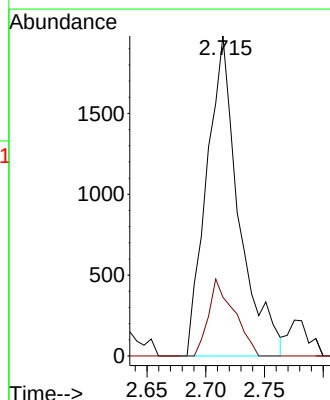
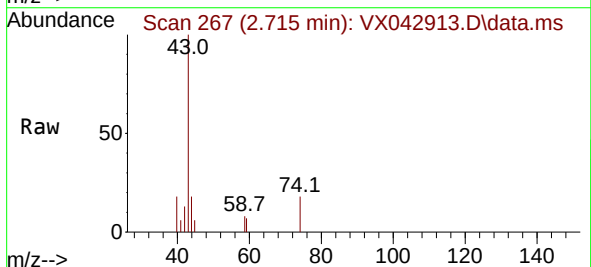
Instrument :
MSVOA_X
ClientSampleId :
JC-3

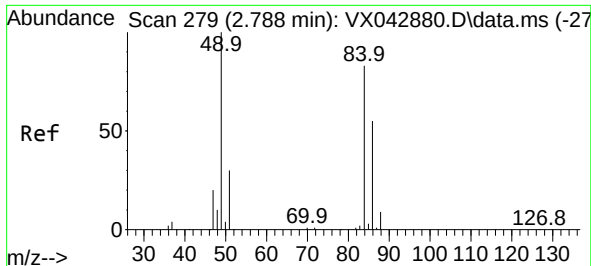
Tgt Ion: 43 Resp: 59775
Ion Ratio Lower Upper
43 100
58 32.1 21.9 32.9



#18
Methyl Acetate
Concen: 1.358 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX042913.D
Acq: 07 Aug 2024 14:15

Tgt Ion: 43 Resp: 3768
Ion Ratio Lower Upper
43 100
74 19.2 17.8 26.8

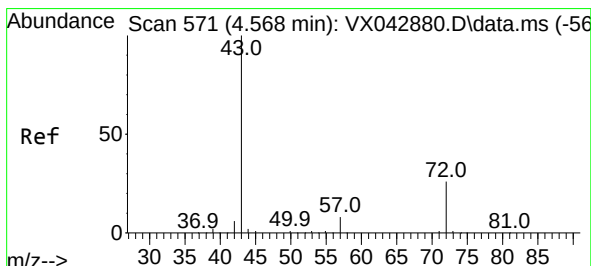
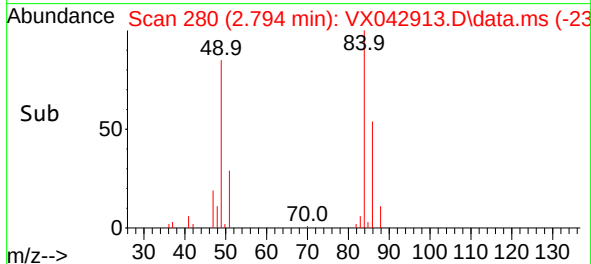
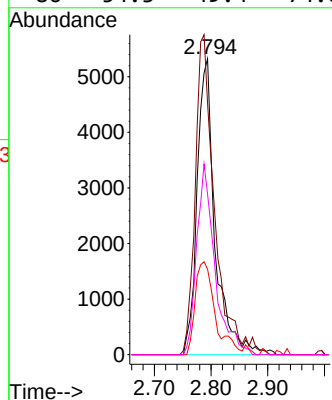
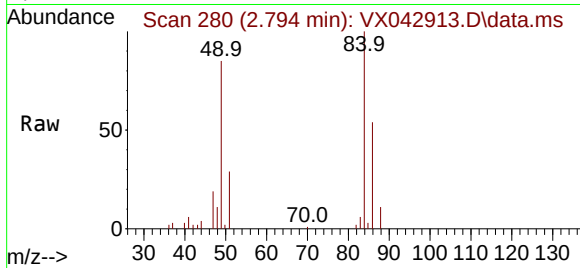




#20
Methylene Chloride
Concen: 5.623 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX042913.D
Acq: 07 Aug 2024 14:15

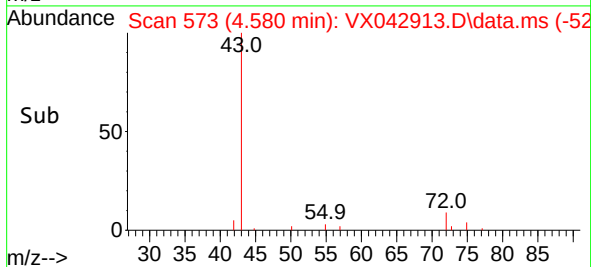
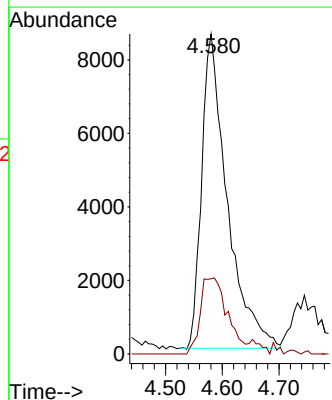
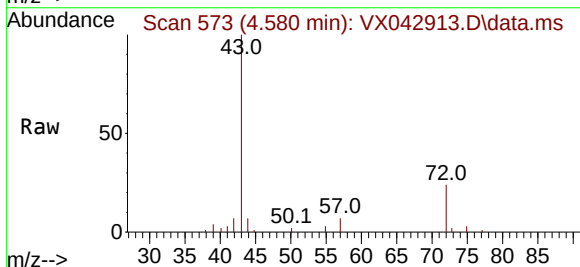
Instrument :
MSVOA_X
ClientSampleId :
JC-3

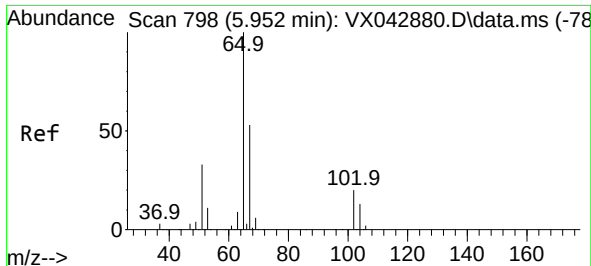
Tgt Ion:	84	Resp:	11754
Ion	Ratio	Lower	Upper
84	100		
49	85.0	103.6	155.4#
51	28.9	33.8	50.6#
86	54.3	49.4	74.0



#25
2-Butanone
Concen: 19.382 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX042913.D
Acq: 07 Aug 2024 14:15

Tgt Ion:	43	Resp:	26641
Ion	Ratio	Lower	Upper
43	100		
72	23.9	19.4	29.2





#33

1,2-Dichloroethane-d4

Concen: 57.171 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX042913.D

Acq: 07 Aug 2024 14:15

Instrument :

MSVOA_X

ClientSampleId :

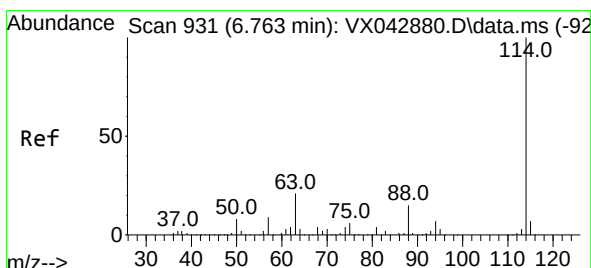
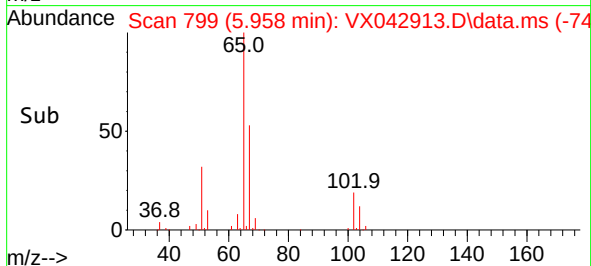
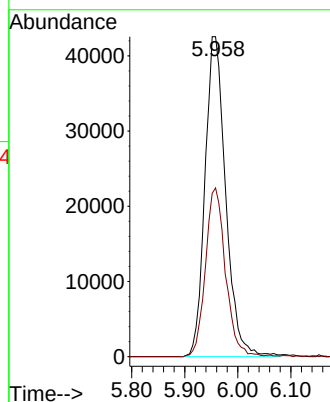
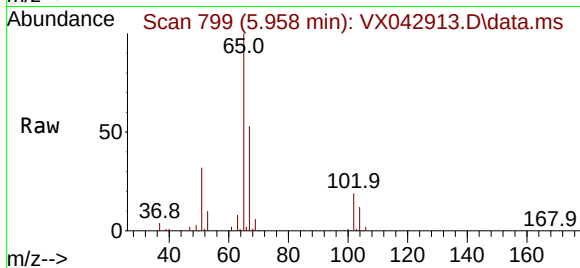
JC-3

Tgt Ion: 65 Resp: 115369

Ion Ratio Lower Upper

65 100

67 51.0 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: VX042913.D

Acq: 07 Aug 2024 14:15

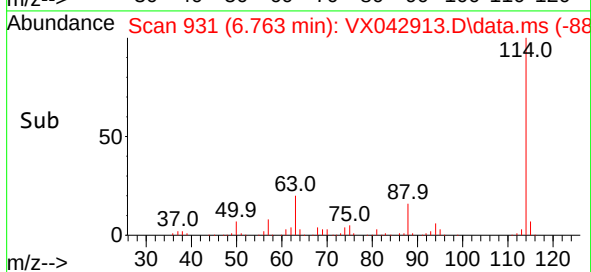
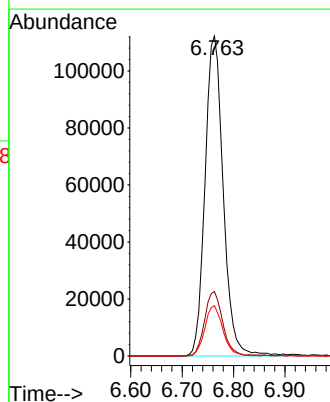
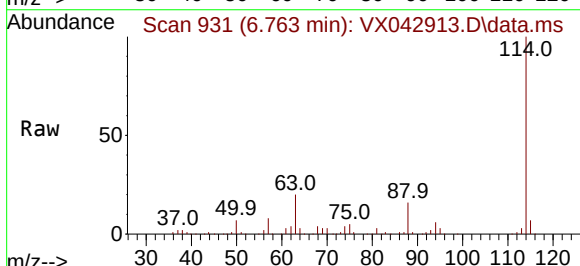
Tgt Ion: 114 Resp: 276006

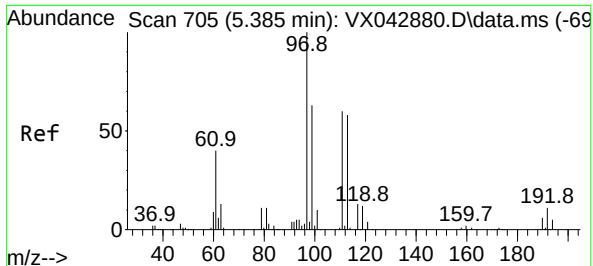
Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.0

88 15.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 53.501 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX042913.D

Acq: 07 Aug 2024 14:15

Instrument :

MSVOA_X

ClientSampleId :

JC-3

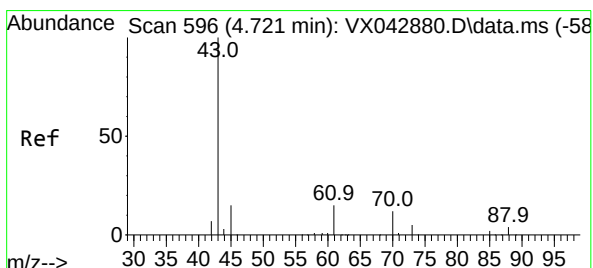
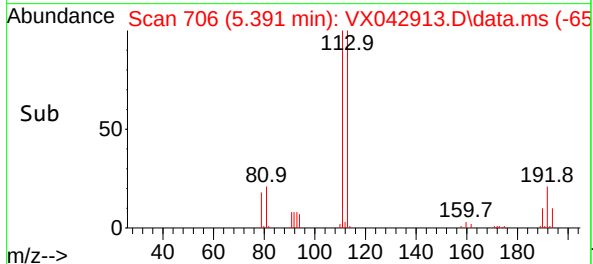
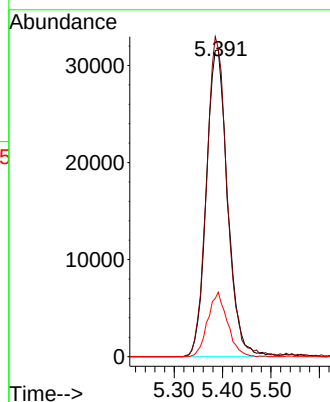
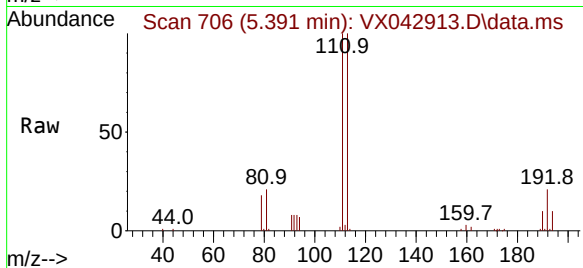
Tgt Ion:113 Resp: 96552

Ion Ratio Lower Upper

113 100

111 101.6 82.9 124.3

192 19.5 13.3 19.9



#37

Ethyl Acetate

Concen: 1.263 ug/l

RT: 4.745 min Scan# 600

Delta R.T. 0.024 min

Lab File: VX042913.D

Acq: 07 Aug 2024 14:15

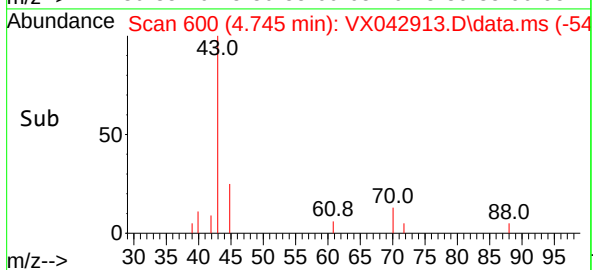
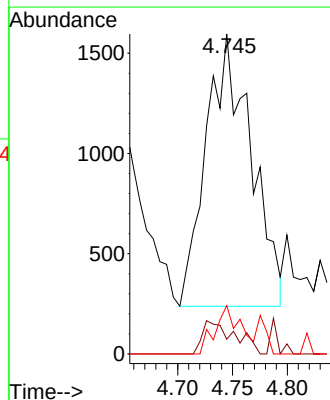
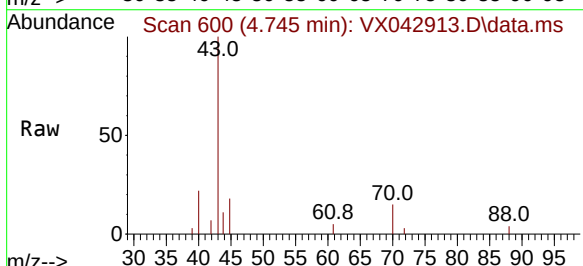
Tgt Ion: 43 Resp: 3865

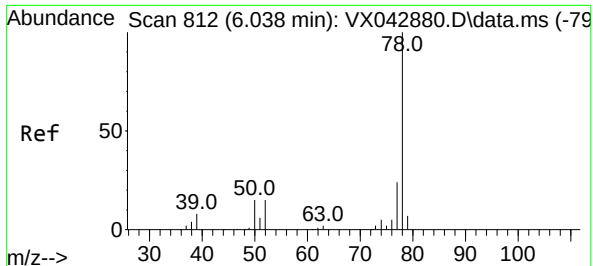
Ion Ratio Lower Upper

43 100

61 8.7 10.6 16.0#

70 10.0 8.3 12.5





#40

Benzene

Concen: 9.976 ug/l

RT: 6.037 min Scan# 81

Delta R.T. -0.000 min

Lab File: VX042913.D

Acq: 07 Aug 2024 14:15

Instrument :

MSVOA_X

ClientSampleId :

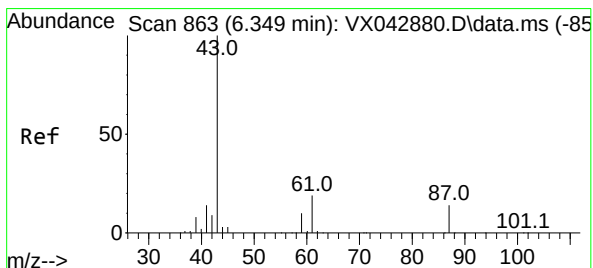
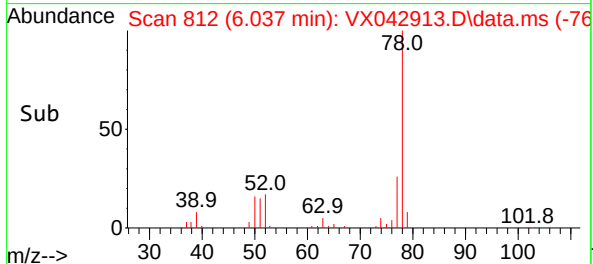
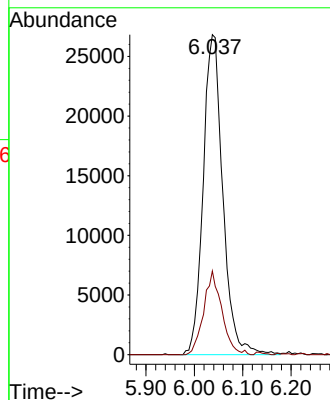
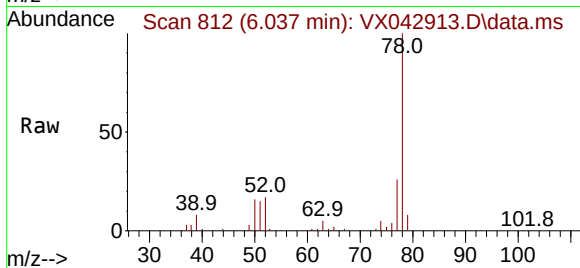
JC-3

Tgt Ion: 78 Resp: 75756

Ion Ratio Lower Upper

78 100

77 26.2 19.3 28.9



#43

Isopropyl Acetate

Concen: 36.860 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.007 min

Lab File: VX042913.D

Acq: 07 Aug 2024 14:15

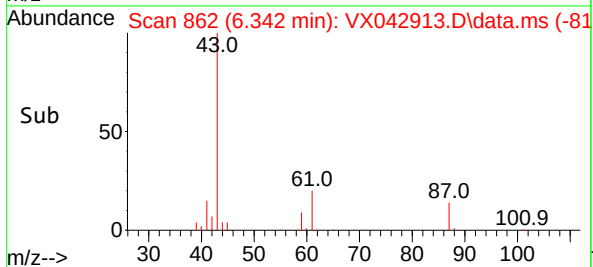
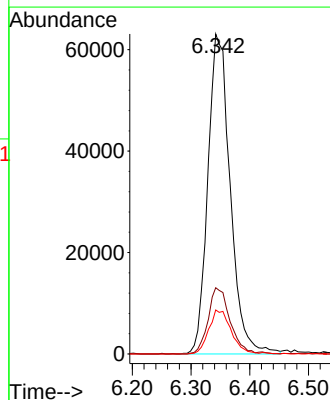
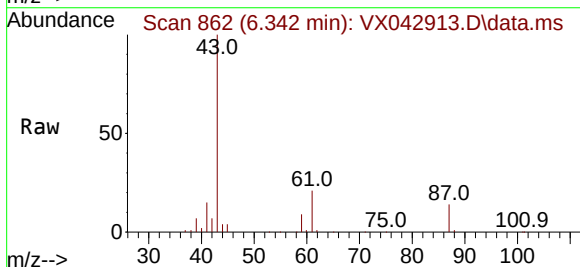
Tgt Ion: 43 Resp: 166883

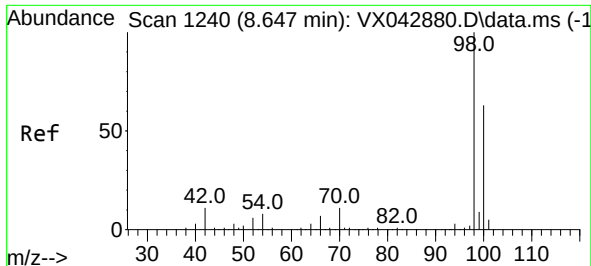
Ion Ratio Lower Upper

43 100

61 20.2 15.2 22.8

87 13.7 9.8 14.6

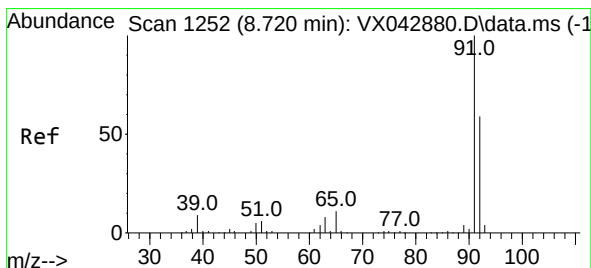
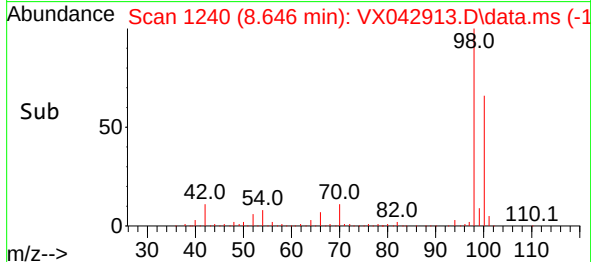
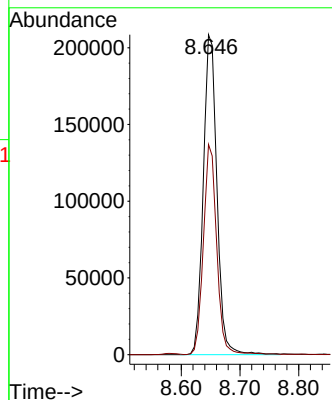
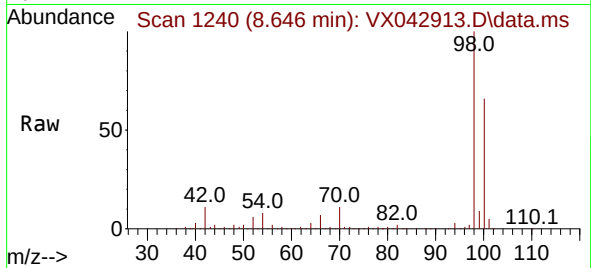




#50
Toluene-d8
Concen: 52.613 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042913.D
Acq: 07 Aug 2024 14:15

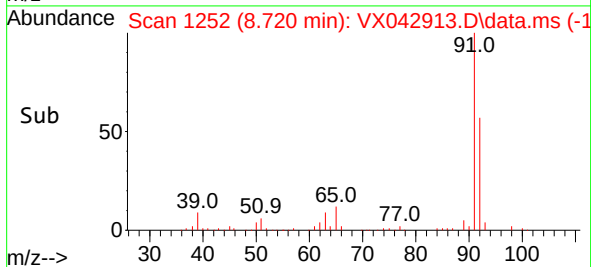
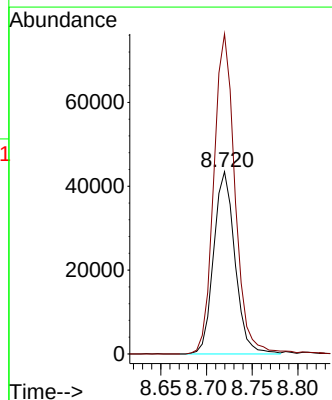
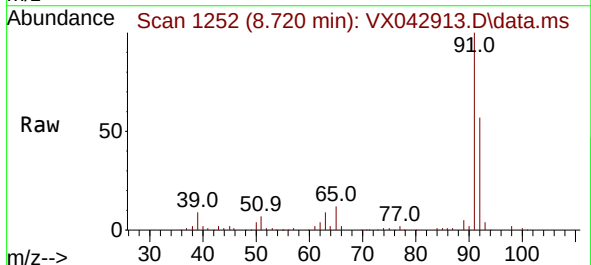
Instrument :
MSVOA_X
ClientSampleId :
JC-3

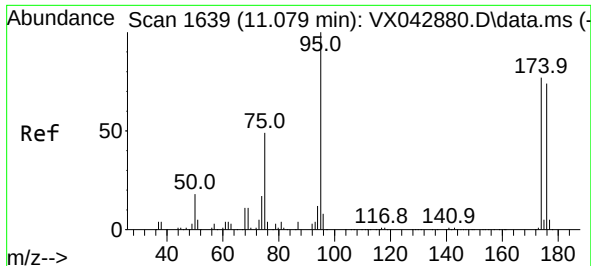
Tgt Ion: 98 Resp: 337070
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#52
Toluene
Concen: 15.306 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX042913.D
Acq: 07 Aug 2024 14:15

Tgt Ion: 92 Resp: 70504
Ion Ratio Lower Upper
92 100
91 175.9 134.2 201.2

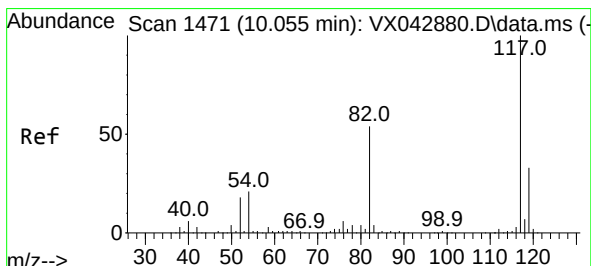
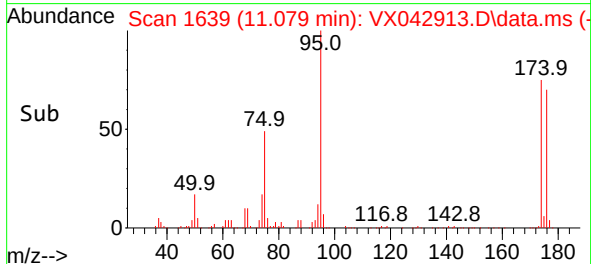
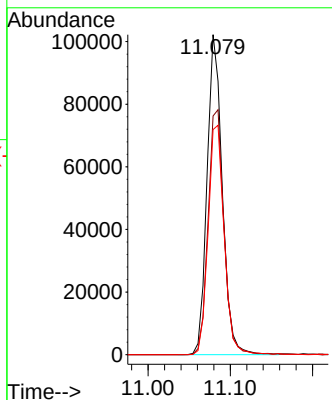
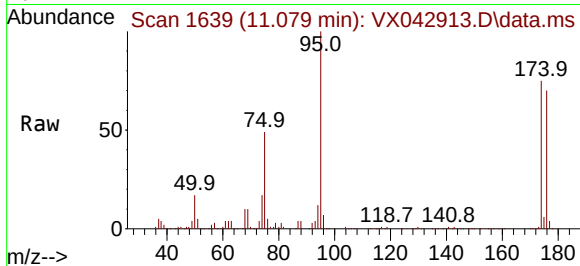




#62
4-Bromofluorobenzene
Concen: 57.082 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042913.D
Acq: 07 Aug 2024 14:15

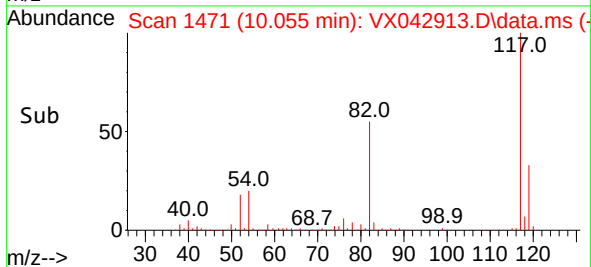
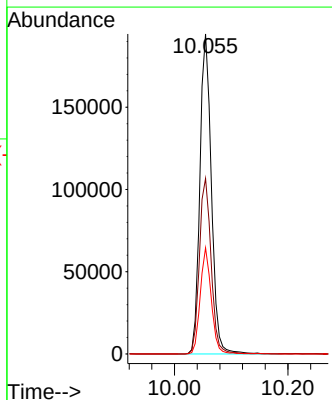
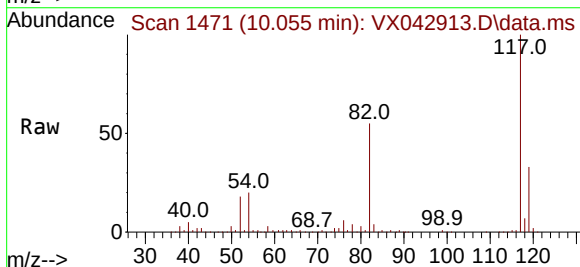
Instrument :
MSVOA_X
ClientSampleId :
JC-3

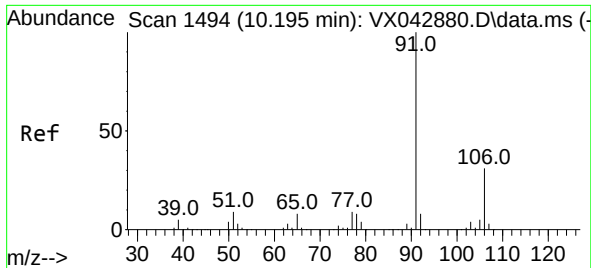
Tgt Ion: 95 Resp: 131413
Ion Ratio Lower Upper
95 100
174 80.3 0.0 135.6
176 75.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042913.D
Acq: 07 Aug 2024 14:15

Tgt Ion: 117 Resp: 273229
Ion Ratio Lower Upper
117 100
82 54.9 46.2 69.4
119 33.2 25.5 38.3

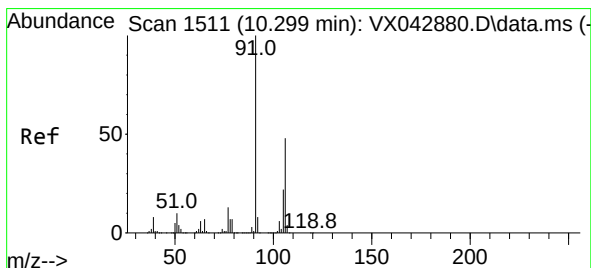
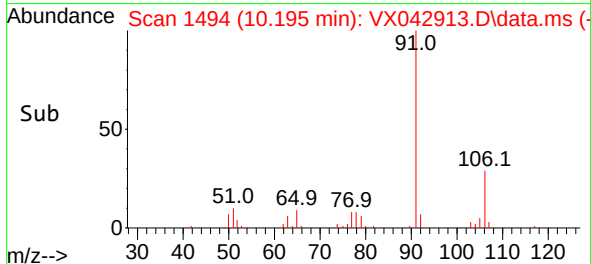
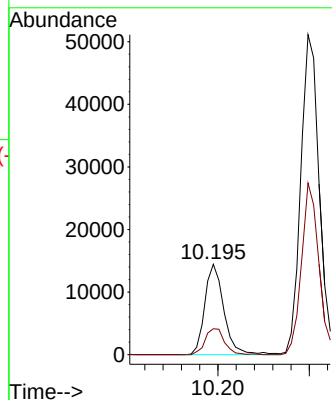
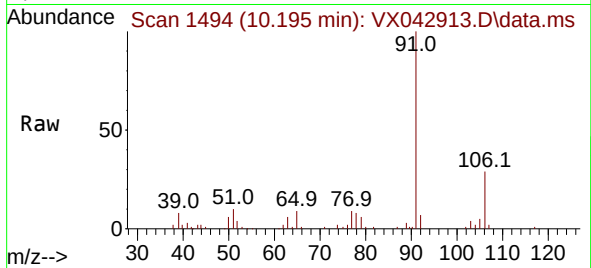




#67
Ethyl Benzene
Concen: 2.153 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX042913.D
Acq: 07 Aug 2024 14:15

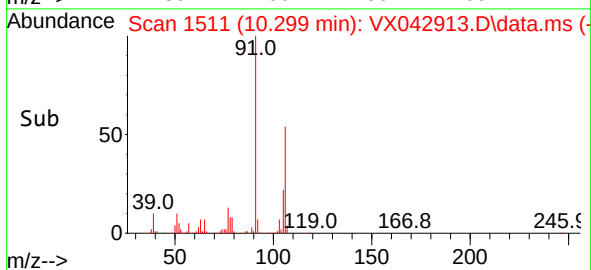
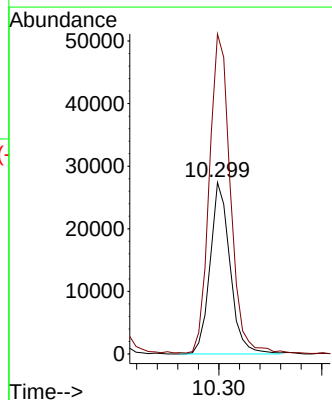
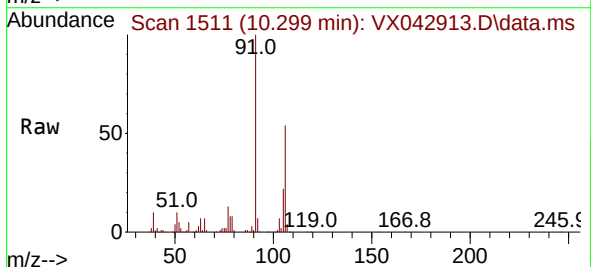
Instrument :
MSVOA_X
ClientSampleId :
JC-3

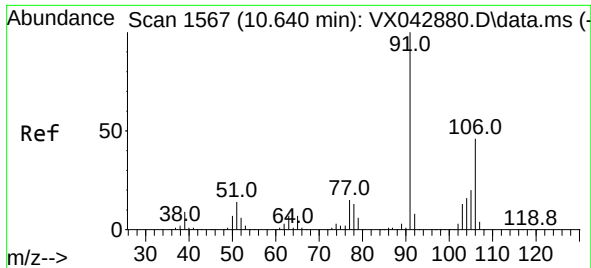
Tgt Ion: 91 Resp: 20995
Ion Ratio Lower Upper
91 100
106 28.7 24.9 37.3



#68
m/p-Xylenes
Concen: 9.923 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX042913.D
Acq: 07 Aug 2024 14:15

Tgt Ion: 106 Resp: 36946
Ion Ratio Lower Upper
106 100
91 197.0 165.5 248.3

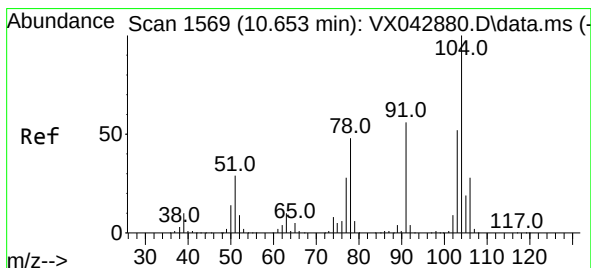
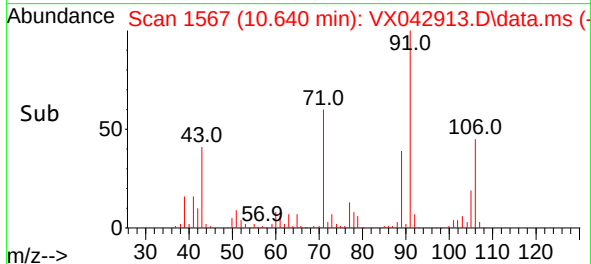
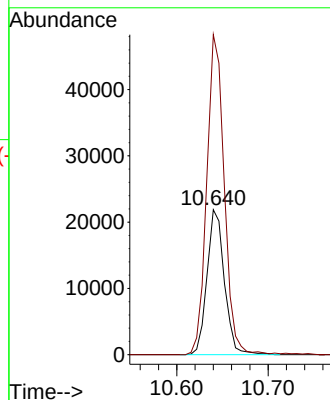
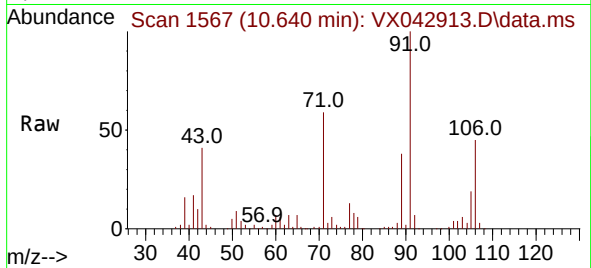




#69
o-Xylene
Concen: 7.749 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042913.D
Acq: 07 Aug 2024 14:15

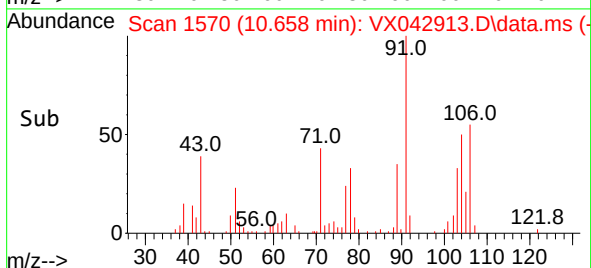
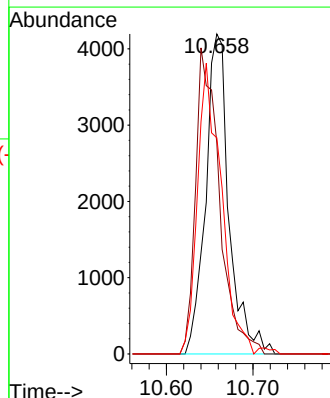
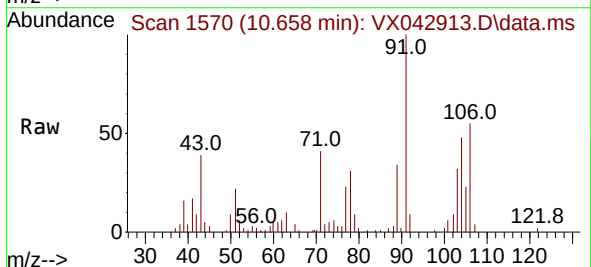
Instrument :
MSVOA_X
ClientSampleId :
JC-3

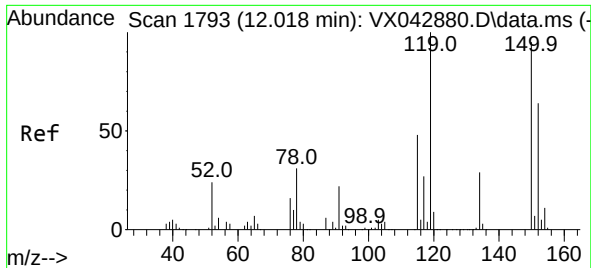
Tgt Ion:106 Resp: 28900
Ion Ratio Lower Upper
106 100
91 221.3 108.9 326.8



#70
Styrene
Concen: 1.316 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX042913.D
Acq: 07 Aug 2024 14:15

Tgt Ion:104 Resp: 7895
Ion Ratio Lower Upper
104 100
78 97.1 43.6 65.4#
103 92.0 43.6 65.4#

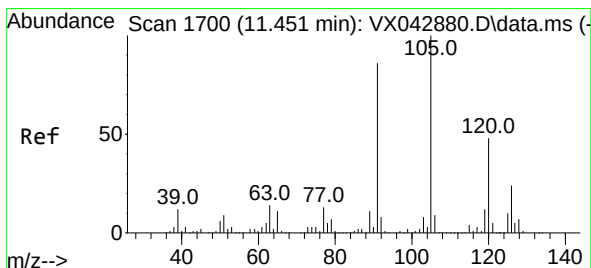
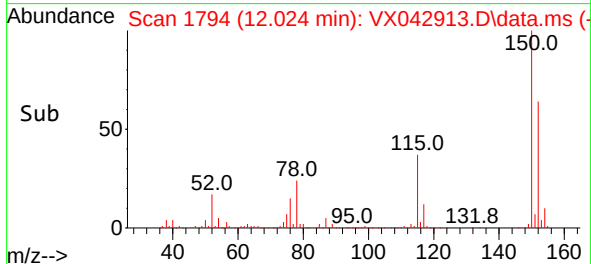
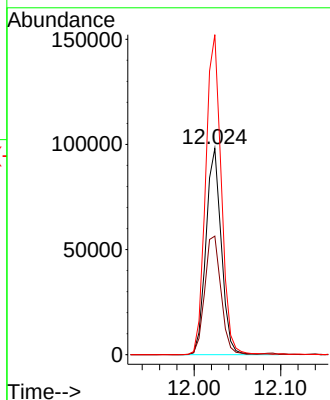
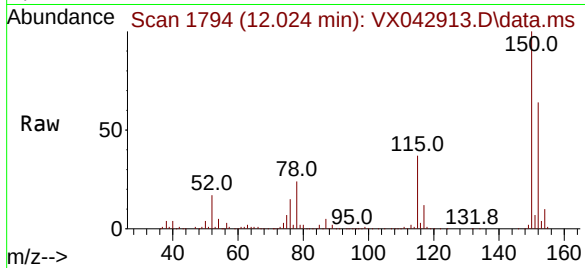




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.006 min
 Lab File: VX042913.D
 Acq: 07 Aug 2024 14:15

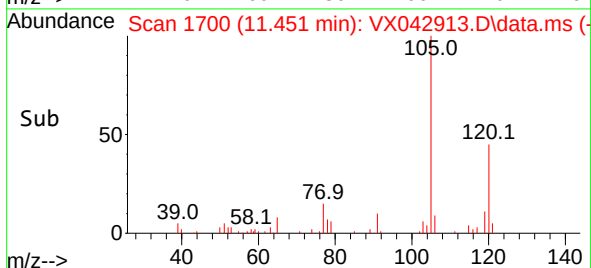
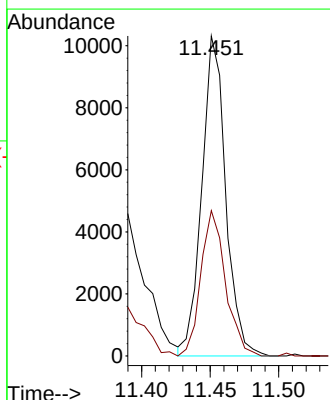
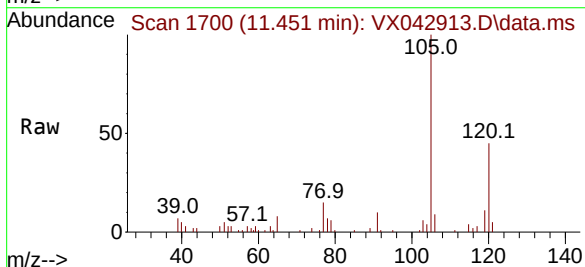
Instrument :
 MSVOA_X
 ClientSampleId :
 JC-3

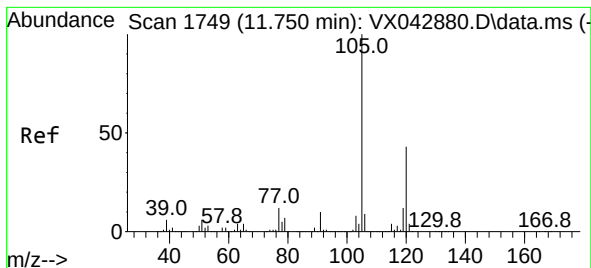
Tgt Ion:152 Resp: 121021
 Ion Ratio Lower Upper
 152 100
 115 60.9 43.3 129.9
 150 157.4 0.0 345.0



#80
 1,3,5-Trimethylbenzene
 Concen: 1.729 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: VX042913.D
 Acq: 07 Aug 2024 14:15

Tgt Ion:105 Resp: 12526
 Ion Ratio Lower Upper
 105 100
 120 47.0 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 4.632 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX042913.D

Acq: 07 Aug 2024 14:15

Instrument :

MSVOA_X

ClientSampleId :

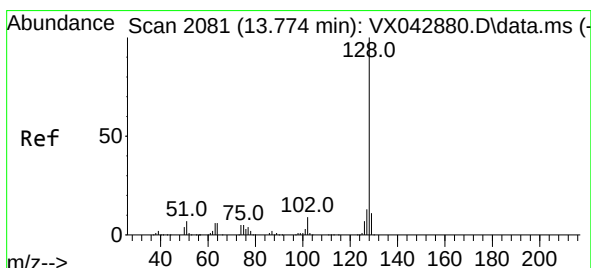
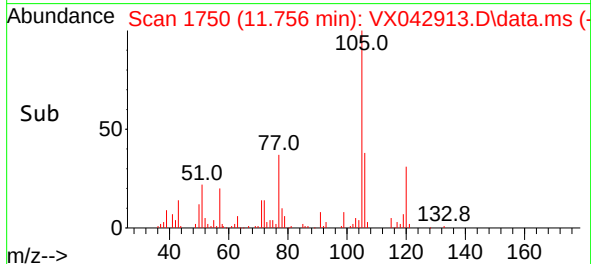
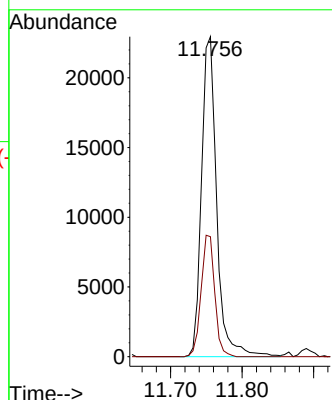
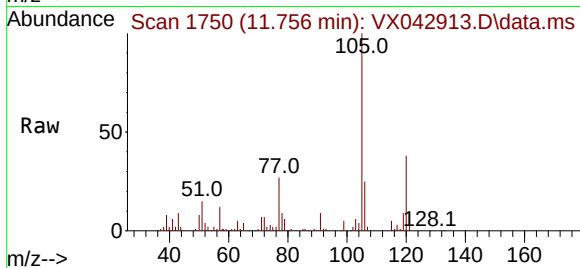
JC-3

Tgt Ion:105 Resp: 33784

Ion Ratio Lower Upper

105 100

120 34.0 21.2 63.6



#95

Naphthalene

Concen: 69.474 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX042913.D

Acq: 07 Aug 2024 14:15

Tgt Ion:128 Resp: 591499

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.0 8.8 13.2

