

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092223\
 Data File : VX037877.D
 Acq On : 22 Sep 2023 14:57
 Operator : JC/MD
 Sample : 04436-09ME 20X
 Misc : 6.45g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B102-08(5-5.5)ME

Quant Time: Sep 23 01:27:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

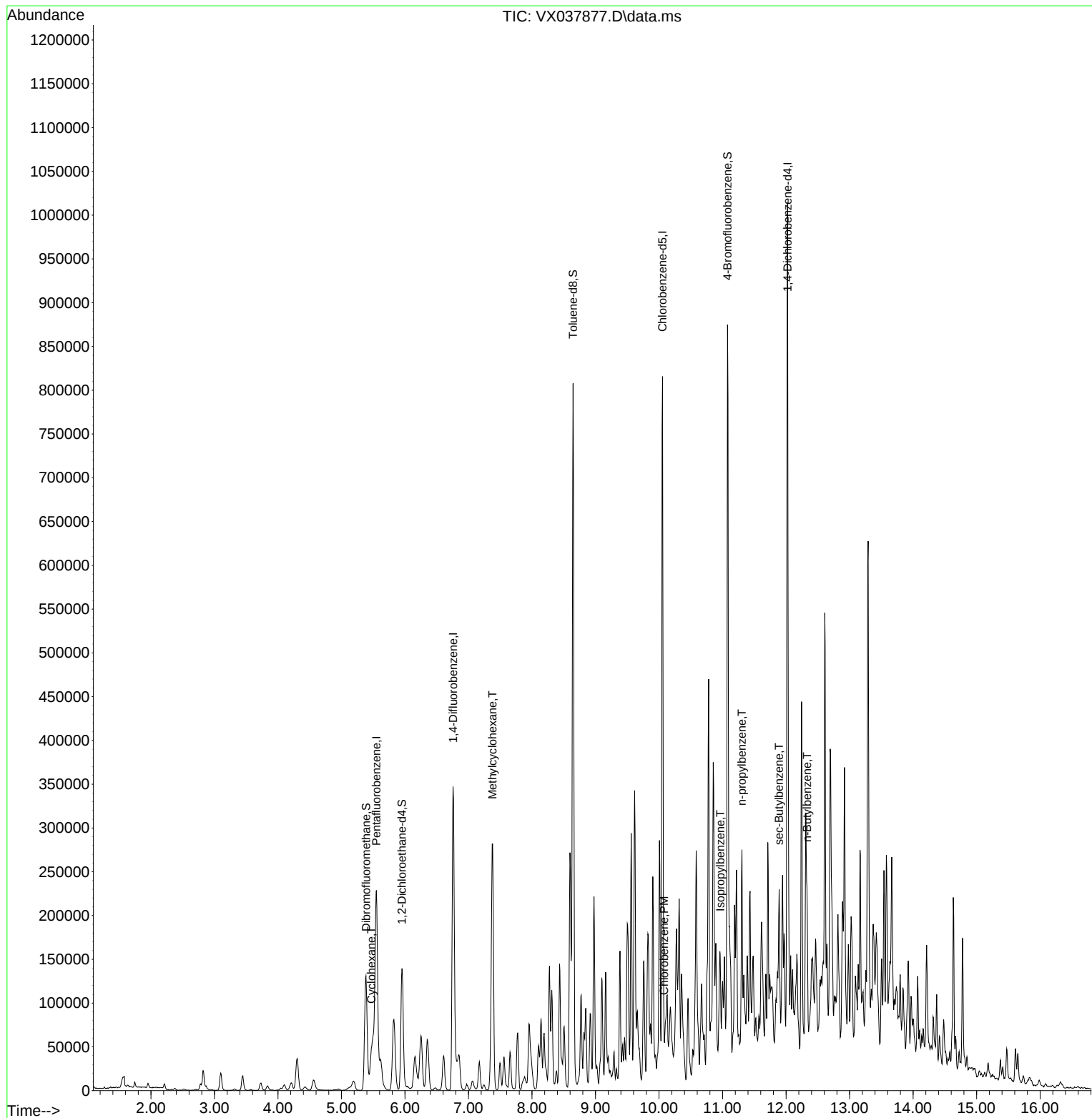
Internal Standards						
1) Pentafluorobenzene	5.550	168	216559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	366348	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	364667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	196580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	133614	46.960	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.920%
35) Dibromofluoromethane	5.385	113	114291	46.626	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.260%
50) Toluene-d8	8.647	98	453689	49.813	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.620%
62) 4-Bromofluorobenzene	11.079	95	179399	54.205	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.400%
Target Compounds						
					Qvalue	
31) Cyclohexane	5.470	56	38708	10.599	ug/l	96
39) Methylcyclohexane	7.379	83	129173	30.141	ug/l	96
65) Chlorobenzene	10.079	112	9448	1.201	ug/l	93
73) Isopropylbenzene	10.963	105	49040	3.400	ug/l	99
78) n-propylbenzene	11.305	91	144761	8.888	ug/l	99
85) sec-Butylbenzene	11.890	105	32347	2.166	ug/l	96
89) n-Butylbenzene	12.329	91	53222	4.883	ug/l #	77

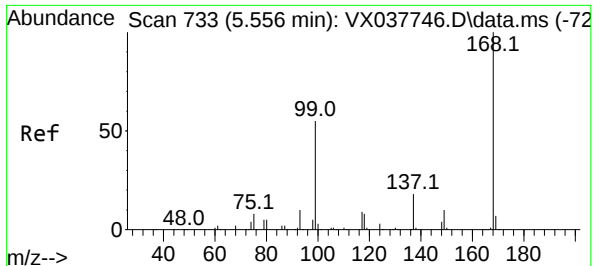
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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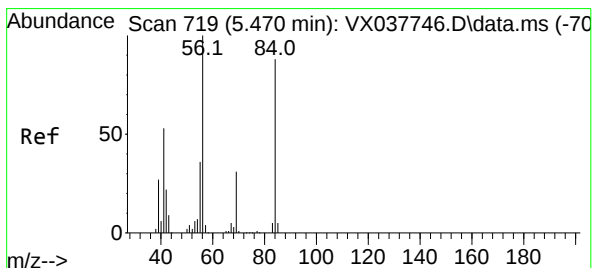
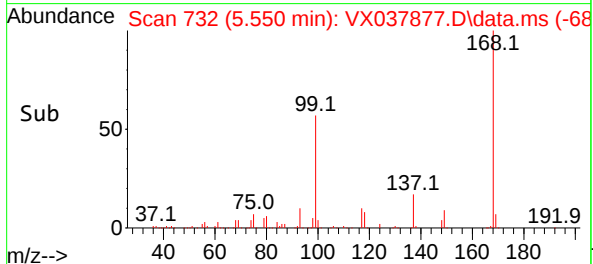
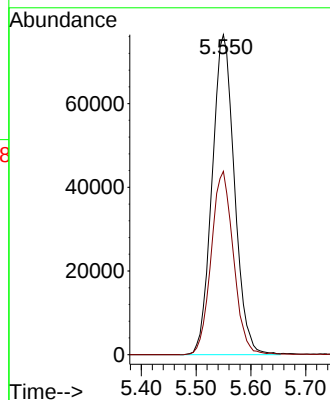
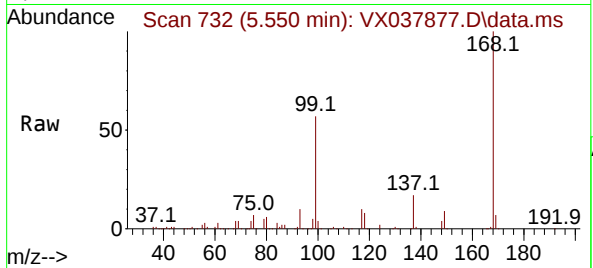




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX037877.D
Acq: 22 Sep 2023 14:57

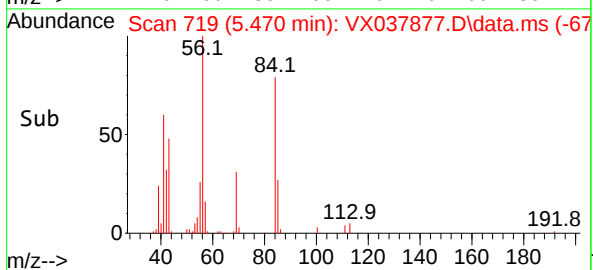
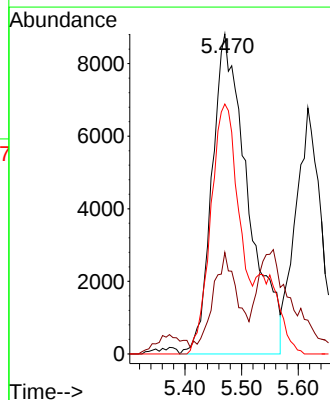
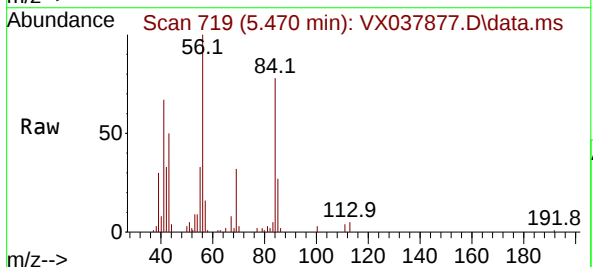
Instrument :
MSVOA_X
ClientSampleId :
B102-08(5-5.5)ME

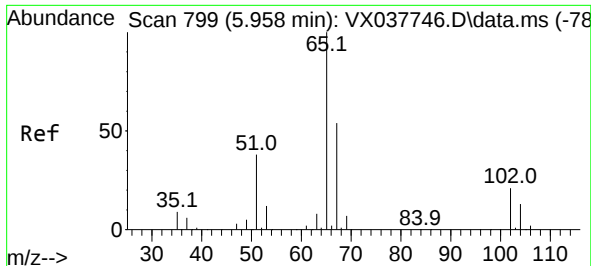
Tgt Ion:168 Resp: 216559
Ion Ratio Lower Upper
168 100
99 57.3 56.6 85.0



#31
Cyclohexane
Concen: 10.599 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX037877.D
Acq: 22 Sep 2023 14:57

Tgt Ion: 56 Resp: 38708
Ion Ratio Lower Upper
56 100
69 27.7 23.4 35.2
84 78.1 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 46.960 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037877.D

Acq: 22 Sep 2023 14:57

Instrument :

MSVOA_X

ClientSampleId :

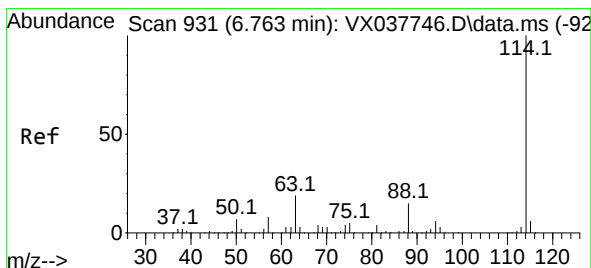
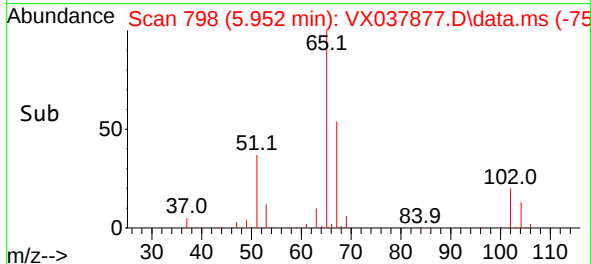
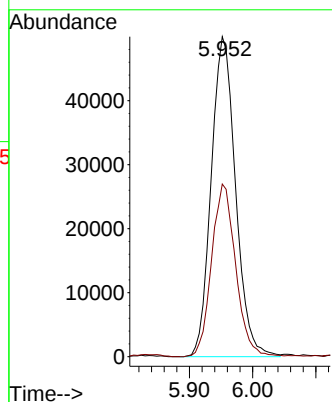
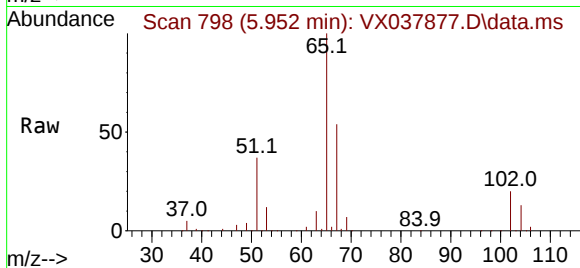
B102-08(5-5.5)ME

Tgt Ion: 65 Resp: 133614

Ion Ratio Lower Upper

65 100

67 53.3 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: VX037877.D

Acq: 22 Sep 2023 14:57

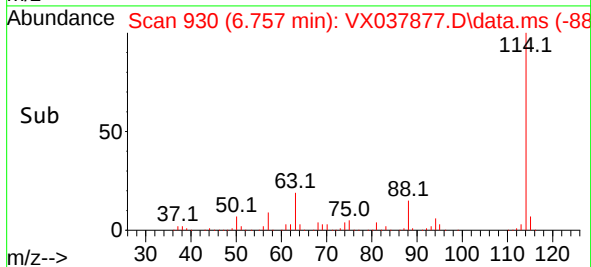
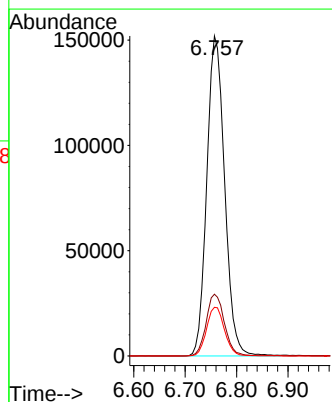
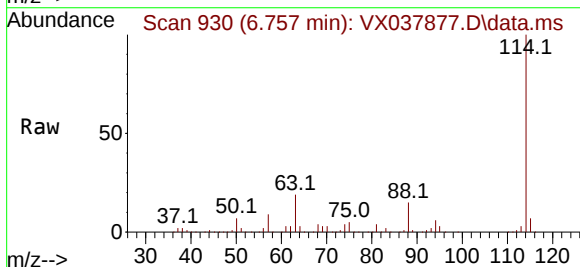
Tgt Ion: 114 Resp: 366348

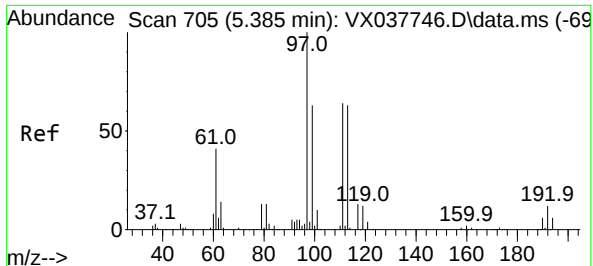
Ion Ratio Lower Upper

114 100

63 19.3 0.0 45.0

88 15.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.626 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX037877.D

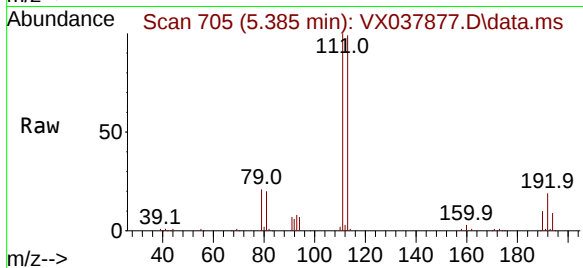
Acq: 22 Sep 2023 14:57

Instrument :

MSVOA_X

ClientSampleId :

B102-08(5-5.5)ME



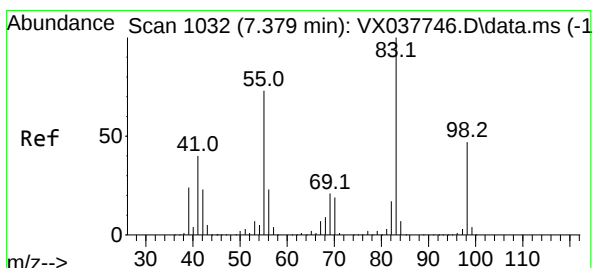
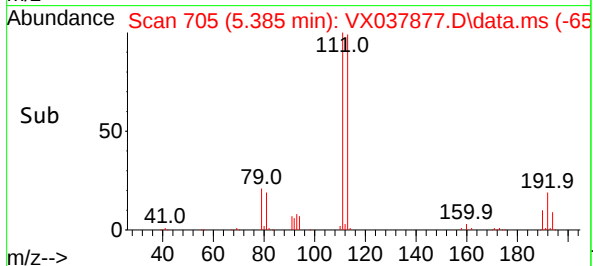
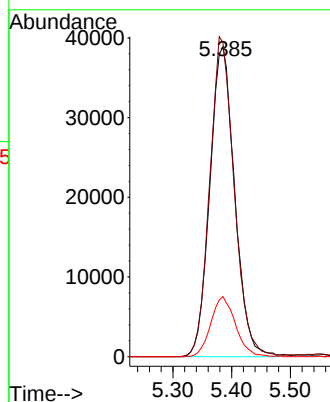
Tgt Ion:113 Resp: 114291

Ion Ratio Lower Upper

113 100

111 101.4 82.9 124.3

192 19.3 13.3 19.9



#39

Methylcyclohexane

Concen: 30.141 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX037877.D

Acq: 22 Sep 2023 14:57

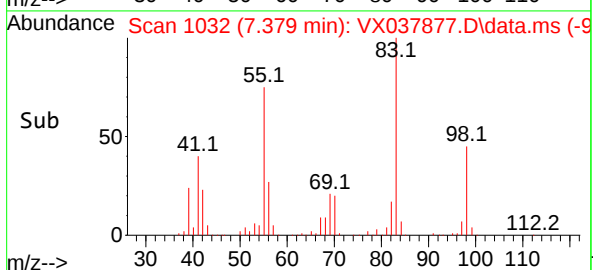
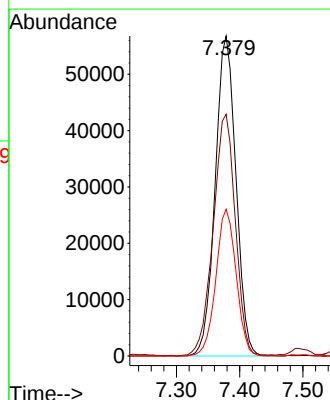
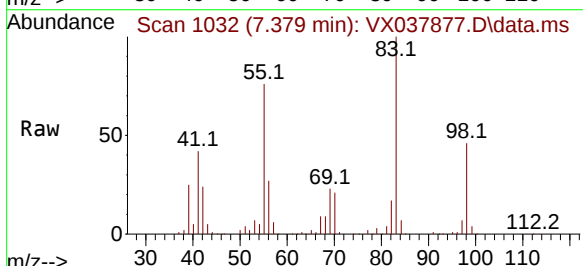
Tgt Ion: 83 Resp: 129173

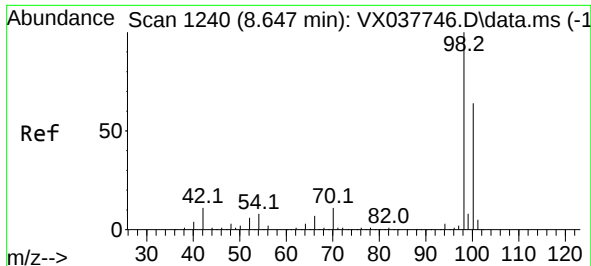
Ion Ratio Lower Upper

83 100

55 75.4 64.6 97.0

98 45.8 36.7 55.1

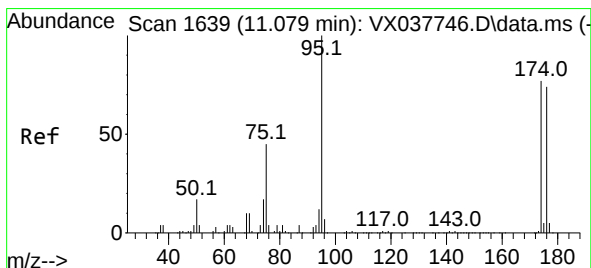
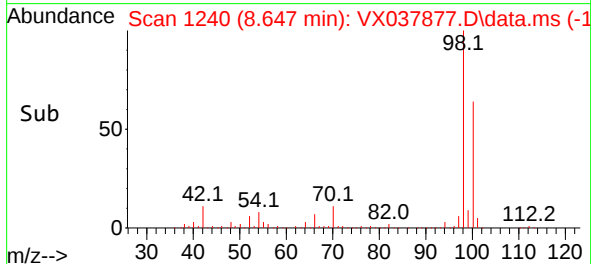
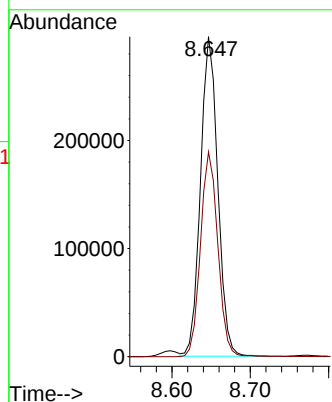
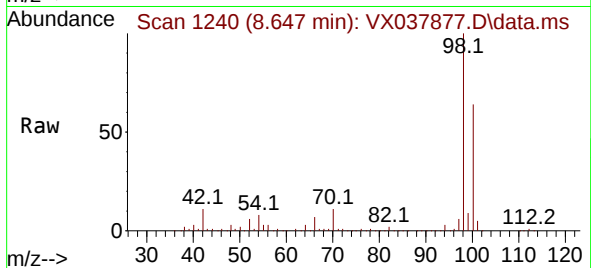




#50
Toluene-d8
Concen: 49.813 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037877.D
Acq: 22 Sep 2023 14:57

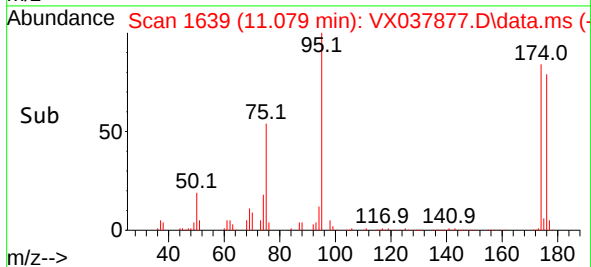
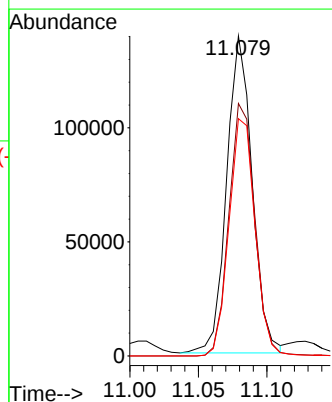
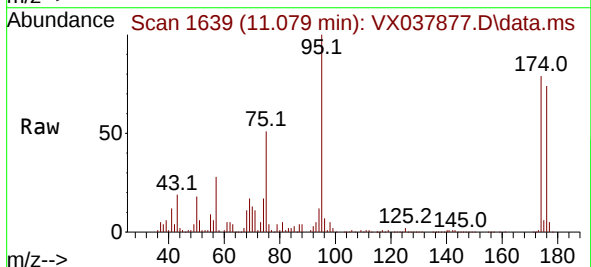
Instrument :
MSVOA_X
ClientSampleId :
B102-08(5-5.5)ME

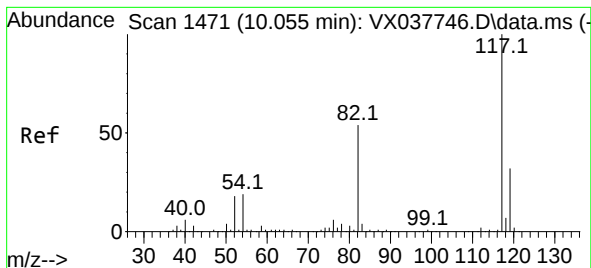
Tgt Ion: 98 Resp: 453689
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 54.205 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037877.D
Acq: 22 Sep 2023 14:57

Tgt Ion: 95 Resp: 179399
Ion Ratio Lower Upper
95 100
174 81.4 0.0 135.6
176 77.2 0.0 131.0

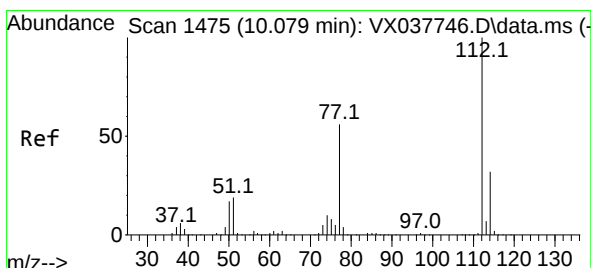
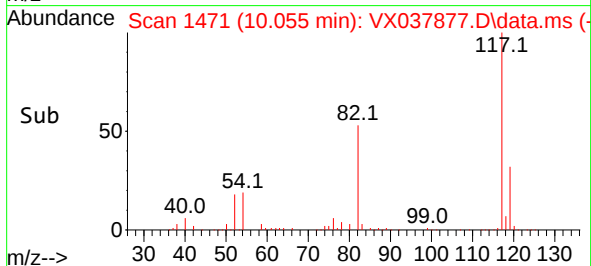
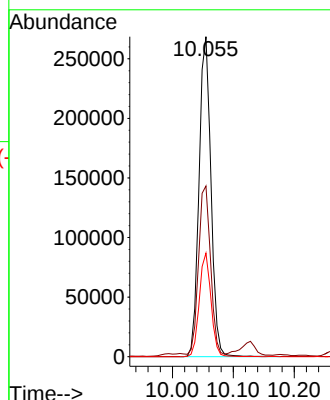
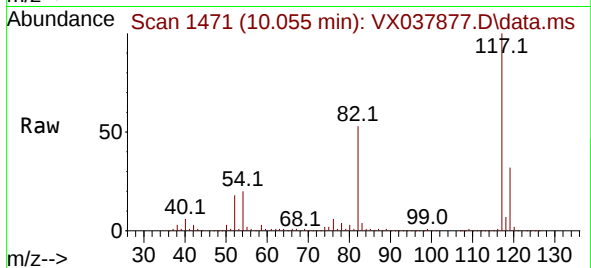




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037877.D
Acq: 22 Sep 2023 14:57

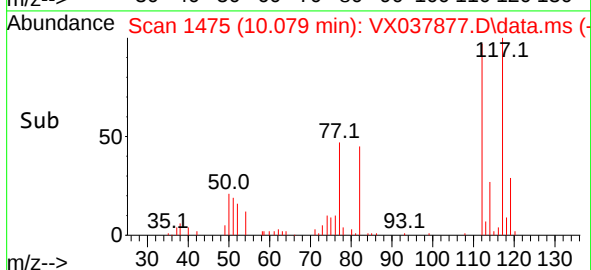
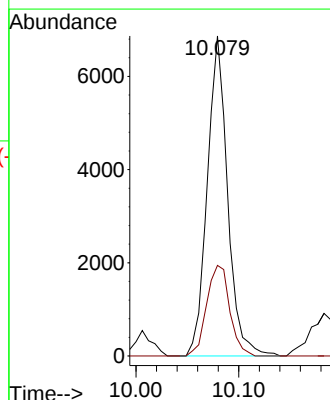
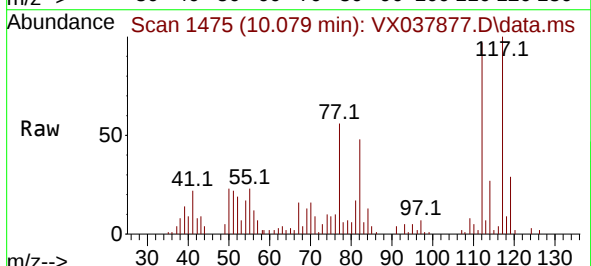
Instrument :
MSVOA_X
ClientSampleId :
B102-08(5-5.5)ME

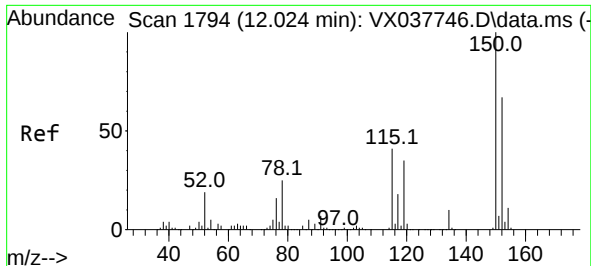
Tgt Ion:117 Resp: 364667
Ion Ratio Lower Upper
117 100
82 52.6 46.2 69.4
119 32.4 25.5 38.3



#65
Chlorobenzene
Concen: 1.201 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037877.D
Acq: 22 Sep 2023 14:57

Tgt Ion:112 Resp: 9448
Ion Ratio Lower Upper
112 100
114 28.3 25.7 38.5

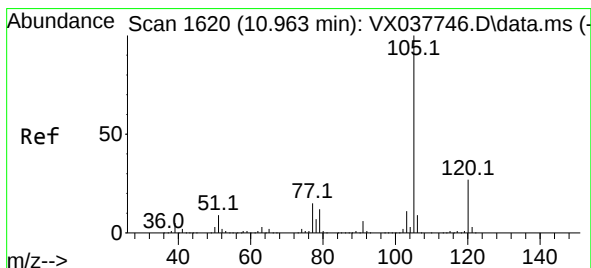
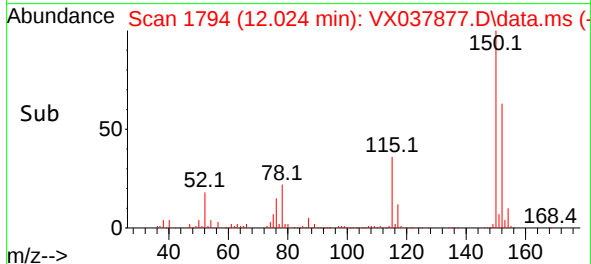
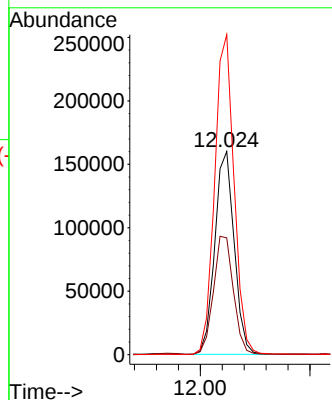
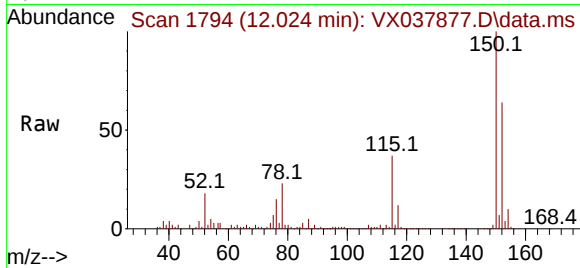




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037877.D
Acq: 22 Sep 2023 14:57

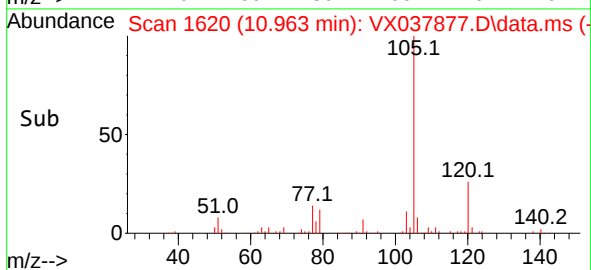
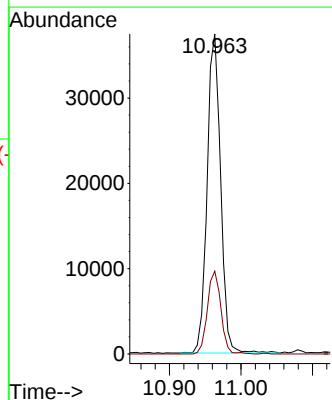
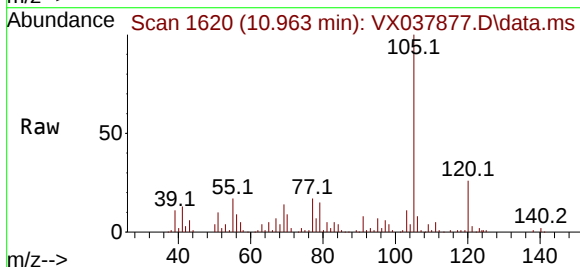
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B102-08(5-5.5)ME

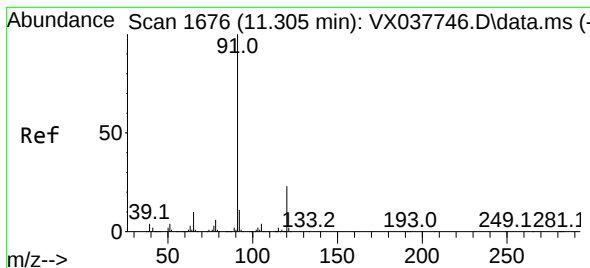
Tgt Ion:152 Resp: 196580
Ion Ratio Lower Upper
152 100
115 59.8 43.3 129.9
150 157.5 0.0 345.0



#73
Isopropylbenzene
Concen: 3.400 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX037877.D
Acq: 22 Sep 2023 14:57

Tgt Ion:105 Resp: 49040
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6





#78

n-propylbenzene

Concen: 8.888 ug/l

RT: 11.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037877.D

Acq: 22 Sep 2023 14:57

Instrument :

MSVOA_X

ClientSampleId :

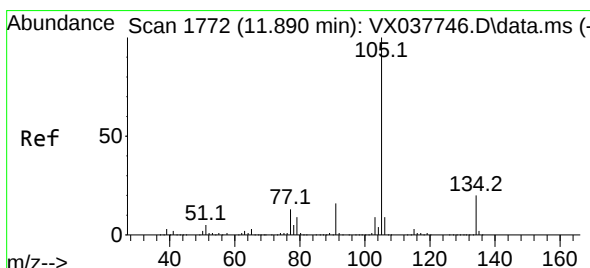
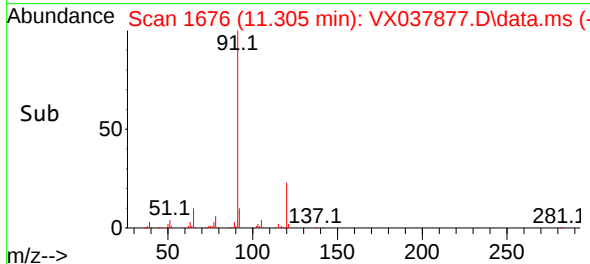
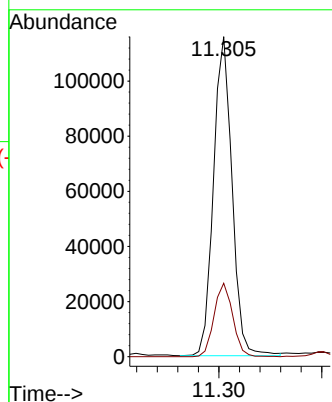
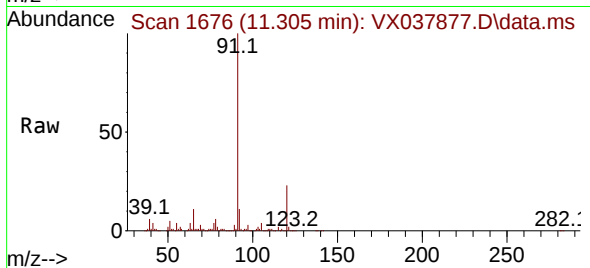
B102-08(5-5.5)ME

Tgt Ion: 91 Resp: 144761

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4



#85

sec-Butylbenzene

Concen: 2.166 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX037877.D

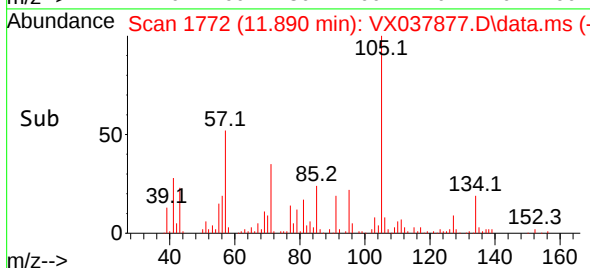
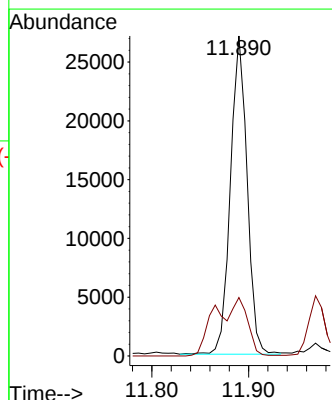
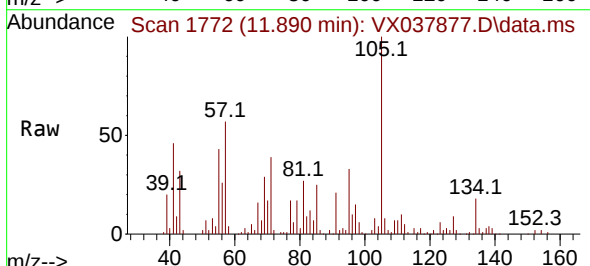
Acq: 22 Sep 2023 14:57

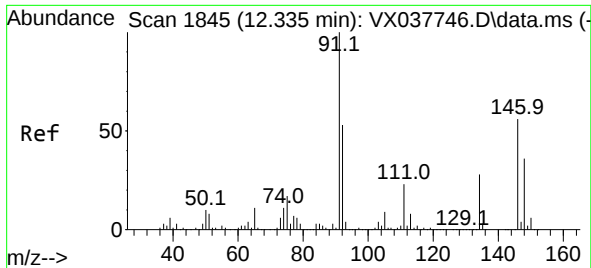
Tgt Ion: 105 Resp: 32347

Ion Ratio Lower Upper

105 100

134 17.7 9.8 29.4





#89

n-Butylbenzene

Concen: 4.883 ug/l

RT: 12.329 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX037877.D

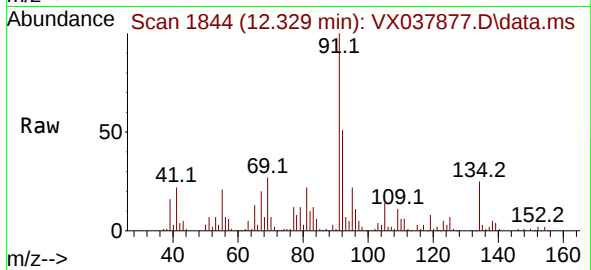
Acq: 22 Sep 2023 14:57

Instrument :

MSVOA_X

ClientSampleId :

B102-08(5-5.5)ME



Tgt Ion: 91 Resp: 53222

Ion Ratio Lower Upper

91 100

92 45.3 27.4 82.0

134 47.0 12.6 37.8#

