

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
 Data File : VX036242.D
 Acq On : 20 Jun 2023 14:53
 Operator : JC/MD
 Sample : 03311-01RE 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1646

Quant Time: Jun 21 02:03:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

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

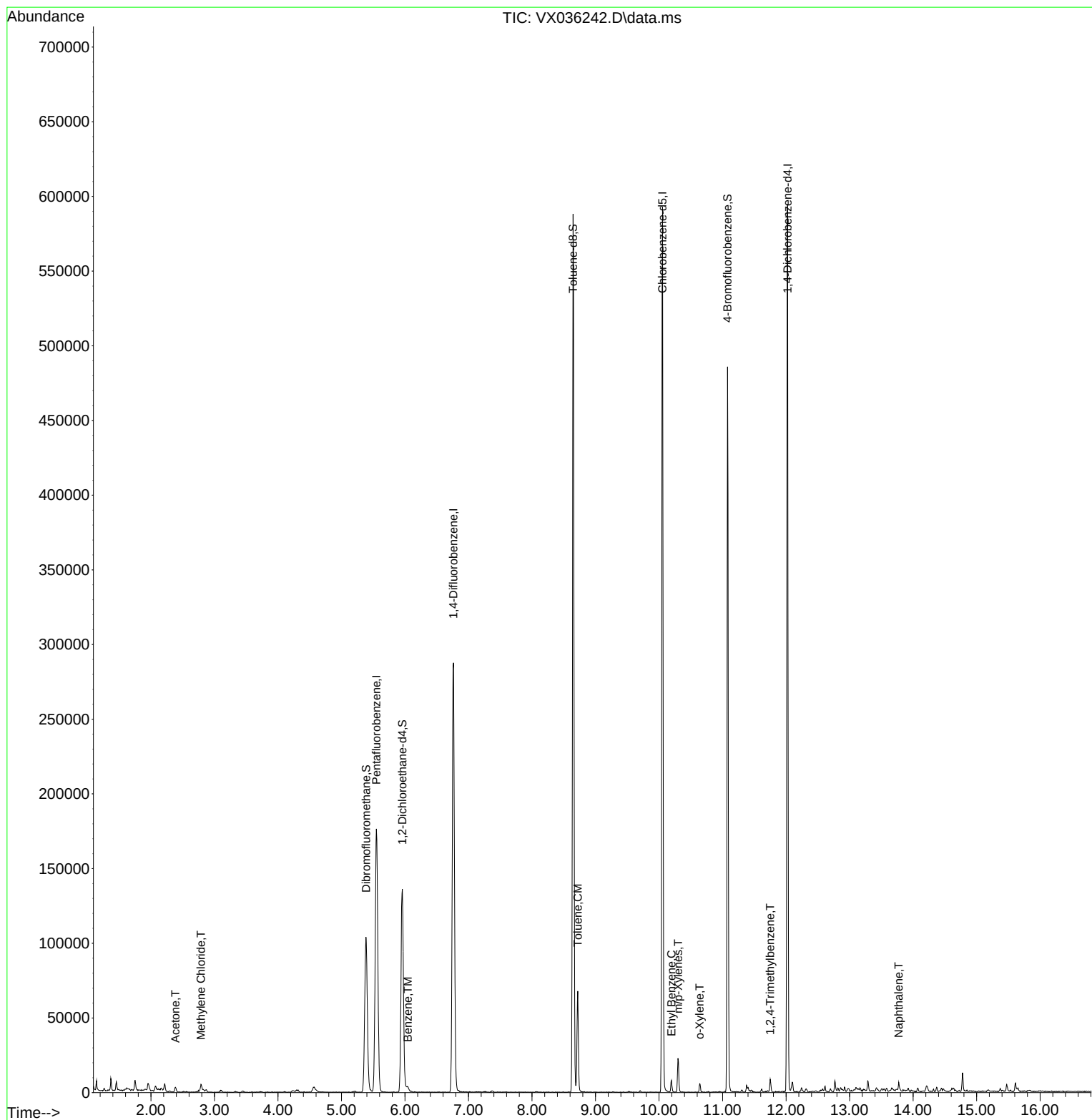
Internal Standards						
1) Pentafluorobenzene	5.550	168	153524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	276374	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	244705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113353	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	137374	48.965	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.920%
35) Dibromofluoromethane	5.385	113	90701	48.396	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.800%
50) Toluene-d8	8.647	98	326773	47.666	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.340%
62) 4-Bromofluorobenzene	11.079	95	124990	45.167	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.340%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	3814	3.272	ug/l	97
20) Methylene Chloride	2.788	84	1933	0.915	ug/l #	84
40) Benzene	6.044	78	4070	0.524	ug/l	97
52) Toluene	8.720	92	23671	4.870	ug/l	95
67) Ethyl Benzene	10.195	91	4315	0.476	ug/l	99
68) m/p-Xylenes	10.299	106	5408	1.583	ug/l	96
69) o-Xylene	10.640	106	1277	0.379	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	3692	0.517	ug/l	98
95) Naphthalene	13.774	128	3866	0.536	ug/l	99

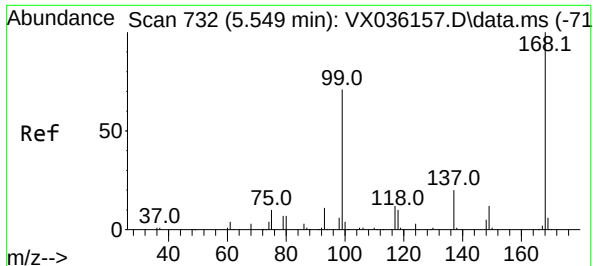
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
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Sample : 03311-01RE 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
1646

Quant Time: Jun 21 02:03:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 16 16:28:40 2023
Response via : Initial Calibration

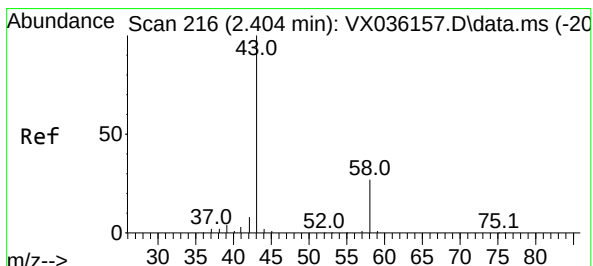
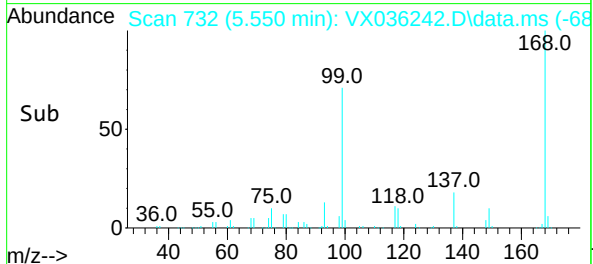
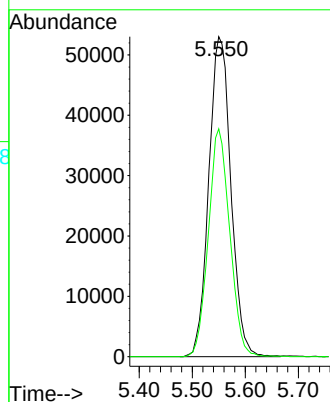
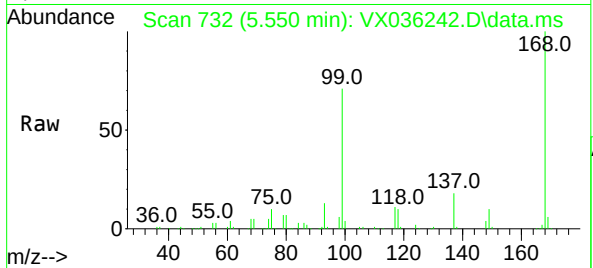




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036242.D
Acq: 20 Jun 2023 14:53

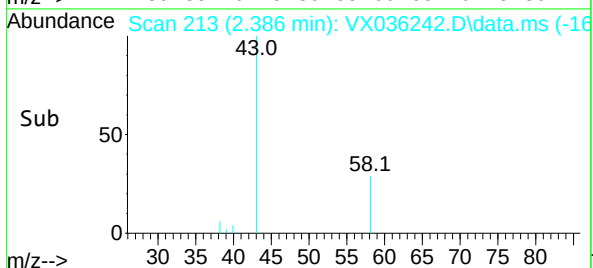
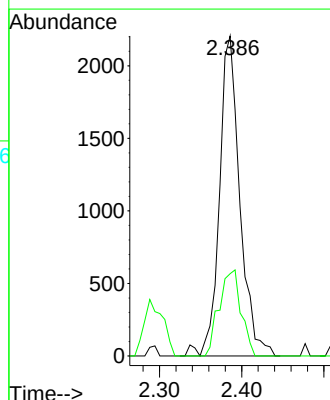
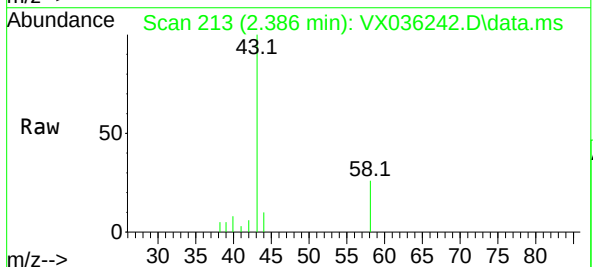
Instrument :
MSVOA_X
ClientSampleId :
1646

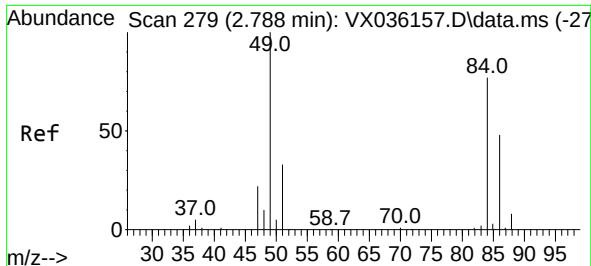
Tgt Ion:168 Resp: 153524
Ion Ratio Lower Upper
168 100
99 71.2 56.6 85.0



#16
Acetone
Concen: 3.272 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.018 min
Lab File: VX036242.D
Acq: 20 Jun 2023 14:53

Tgt Ion: 43 Resp: 3814
Ion Ratio Lower Upper
43 100
58 25.7 21.9 32.9

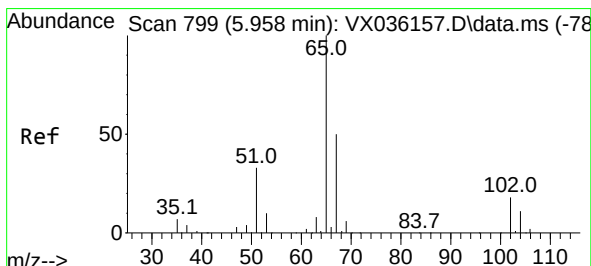
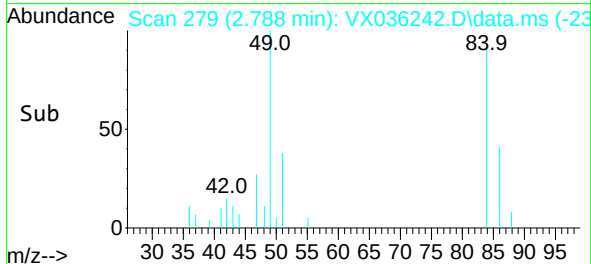
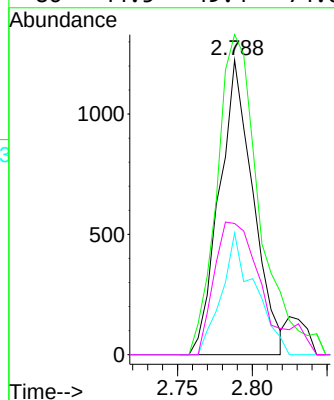
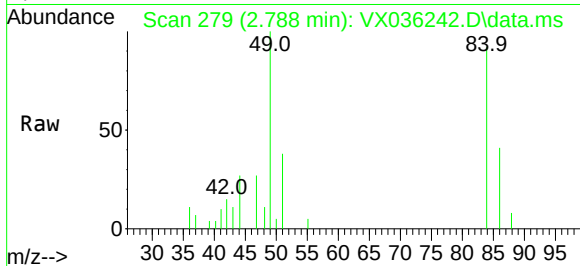




#20
Methylene Chloride
Concen: 0.915 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036242.D
Acq: 20 Jun 2023 14:53

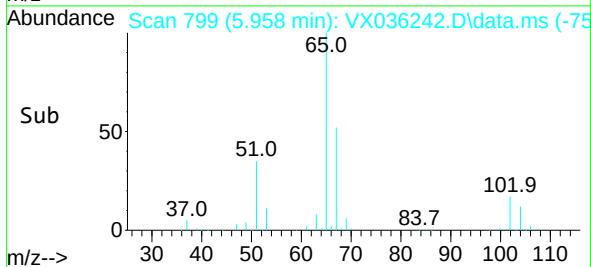
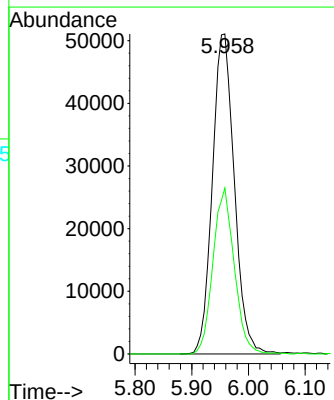
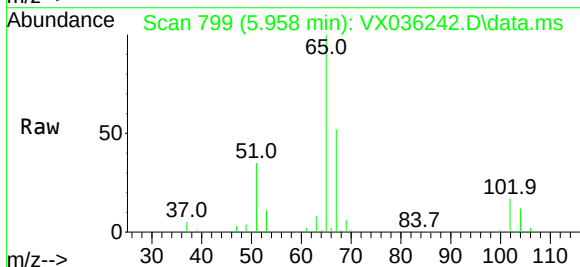
Instrument :
MSVOA_X
ClientSampleId :
1646

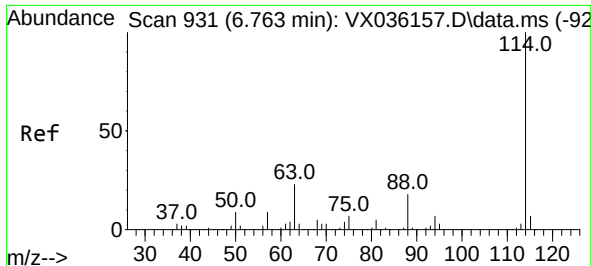
Tgt Ion:	84	Resp:	1933
Ion	Ratio	Lower	Upper
84	100		
49	108.7	103.6	155.4
51	41.3	33.8	50.6
86	44.5	49.4	74.0



#33
1,2-Dichloroethane-d4
Concen: 48.965 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036242.D
Acq: 20 Jun 2023 14:53

Tgt Ion:	65	Resp:	137374
Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	100.2

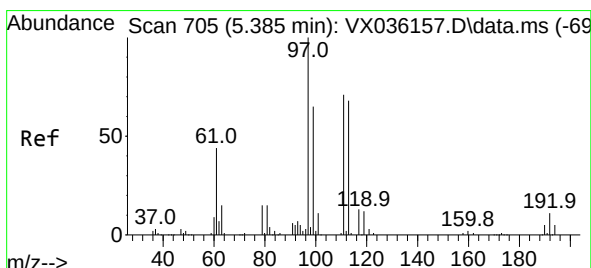
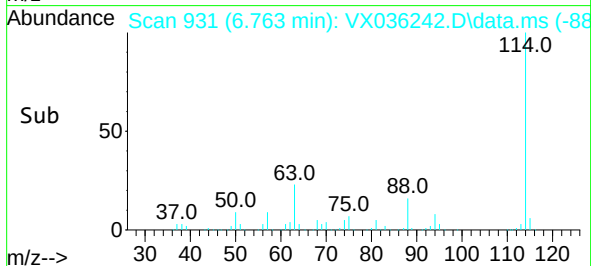
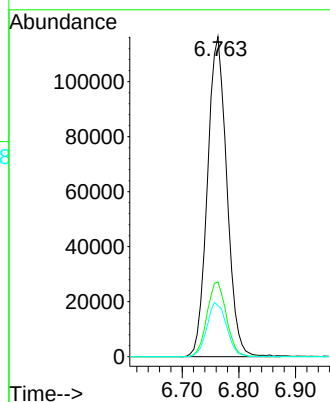
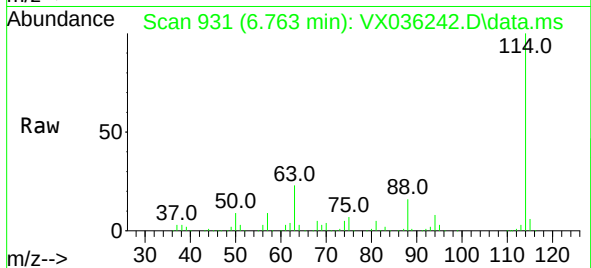




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX036242.D
Acq: 20 Jun 2023 14:53

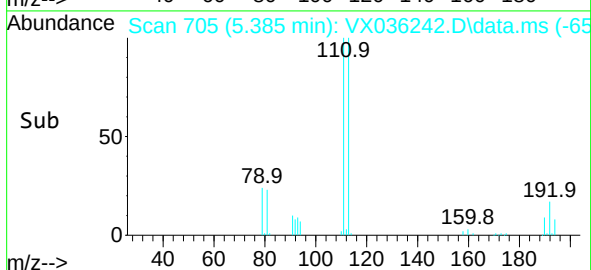
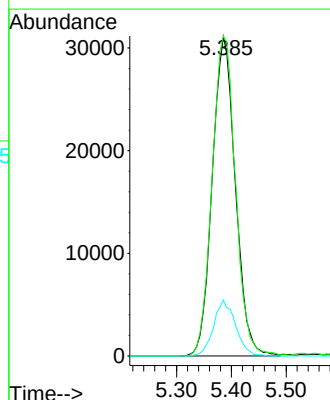
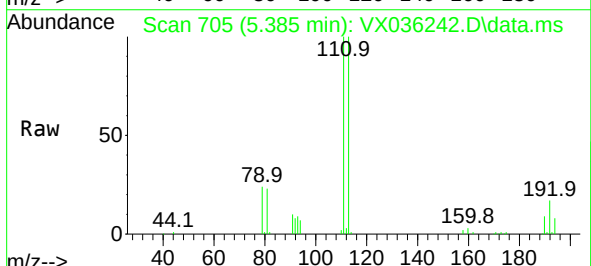
Instrument :
MSVOA_X
ClientSampleId :
1646

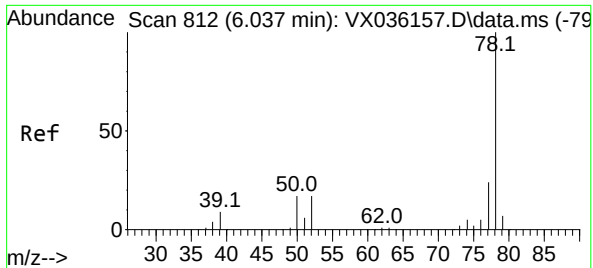
Tgt Ion:114 Resp: 276374
Ion Ratio Lower Upper
114 100
63 23.4 0.0 45.0
88 16.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.396 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036242.D
Acq: 20 Jun 2023 14:53

Tgt Ion:113 Resp: 90701
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 16.7 13.3 19.9





#40

Benzene

Concen: 0.524 ug/l

RT: 6.044 min Scan# 812

Delta R.T. 0.007 min

Lab File: VX036242.D

Acq: 20 Jun 2023 14:53

Instrument :

MSVOA_X

ClientSampleId :

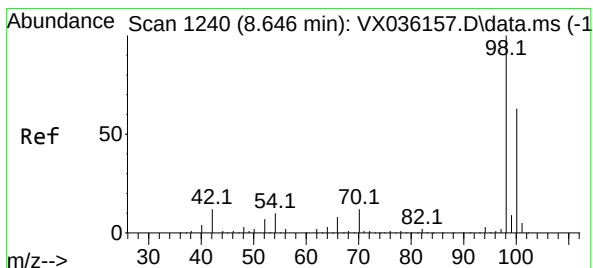
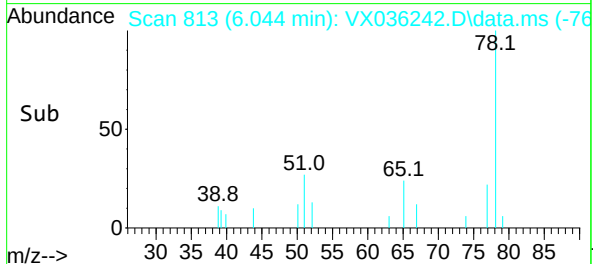
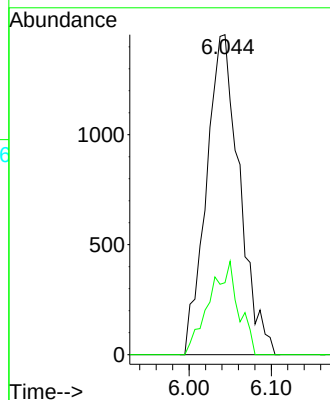
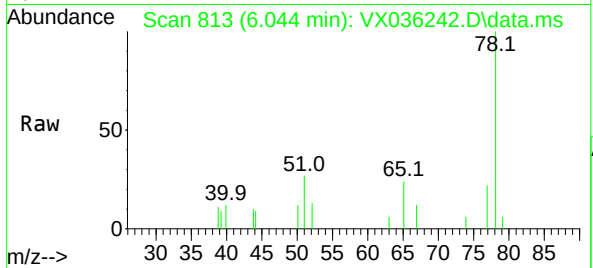
1646

Tgt Ion: 78 Resp: 4070

Ion Ratio Lower Upper

78 100

77 22.5 19.3 28.9



#50

Toluene-d8

Concen: 47.666 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX036242.D

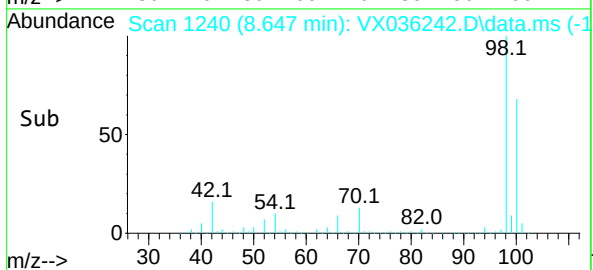
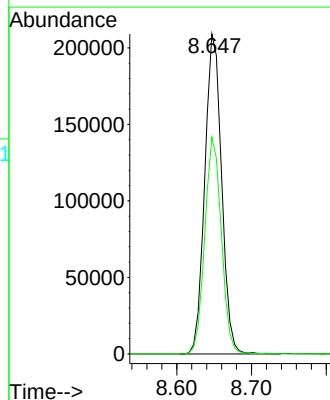
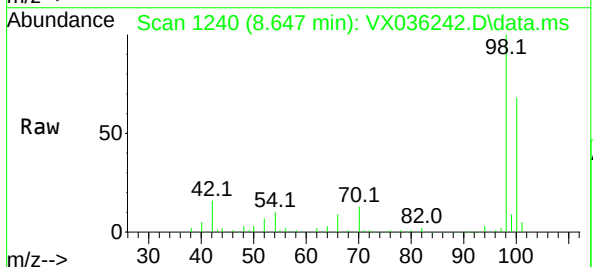
Acq: 20 Jun 2023 14:53

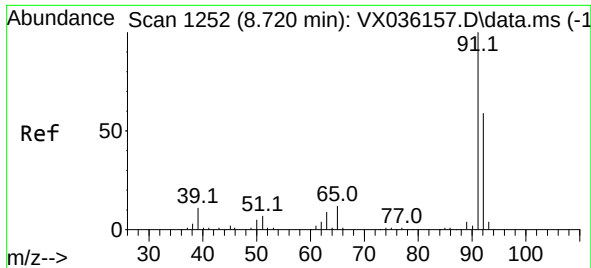
Tgt Ion: 98 Resp: 326773

Ion Ratio Lower Upper

98 100

100 66.8 53.1 79.7

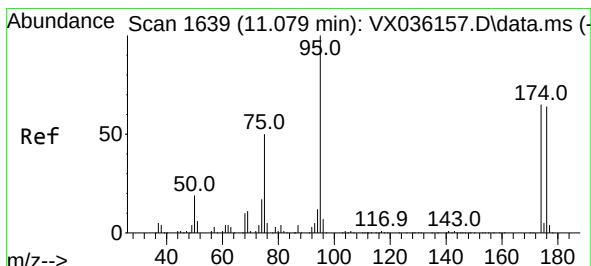
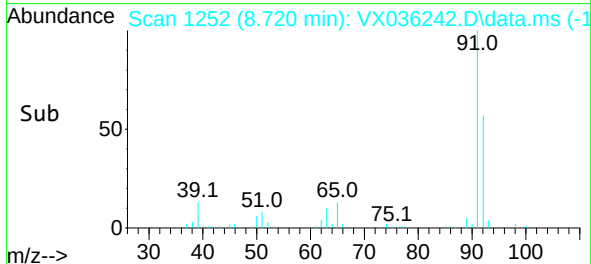
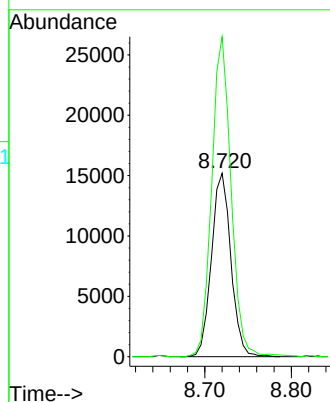
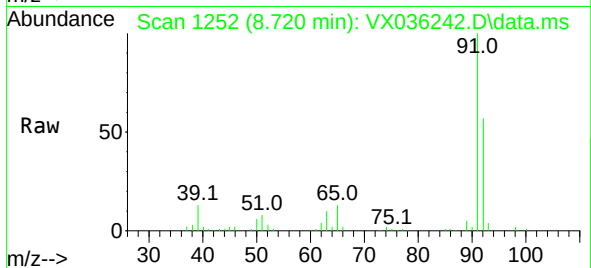




#52
Toluene
Concen: 4.870 ug/l
RT: 8.720 min Scan# 11646
Delta R.T. 0.000 min
Lab File: VX036242.D
Acq: 20 Jun 2023 14:53

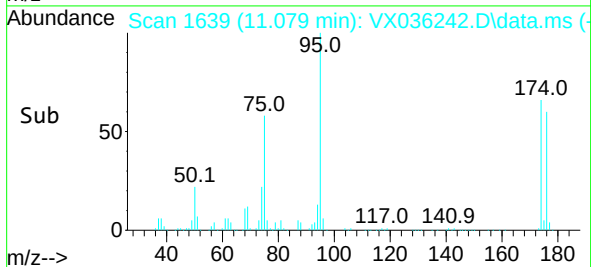
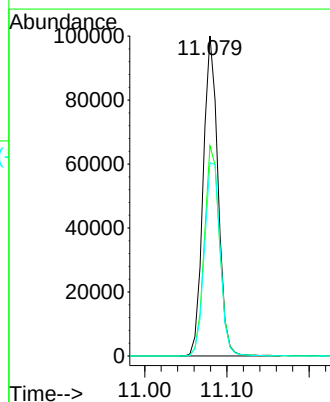
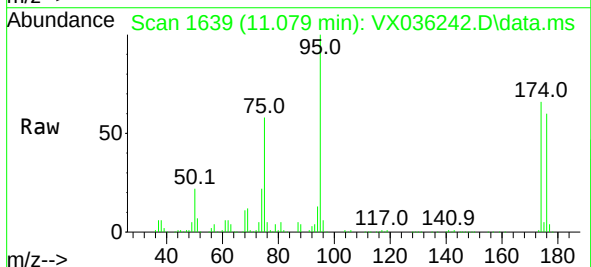
Instrument :
MSVOA_X
ClientSampleId :
1646

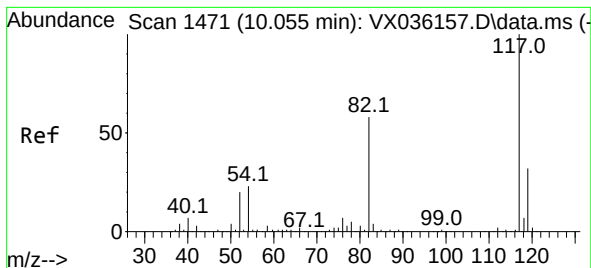
Tgt Ion: 92 Resp: 23671
Ion Ratio Lower Upper
92 100
91 173.9 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 45.167 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036242.D
Acq: 20 Jun 2023 14:53

Tgt Ion: 95 Resp: 124990
Ion Ratio Lower Upper
95 100
174 67.4 0.0 135.6
176 64.4 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: VX036242.D

Acq: 20 Jun 2023 14:53

Instrument :

MSVOA_X

ClientSampleId :

1646

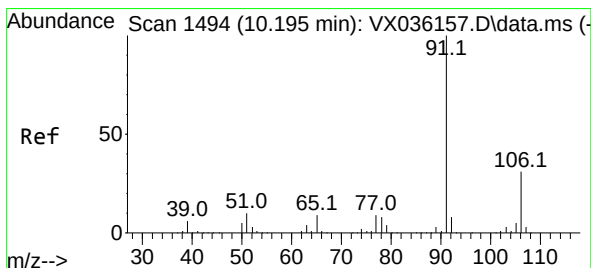
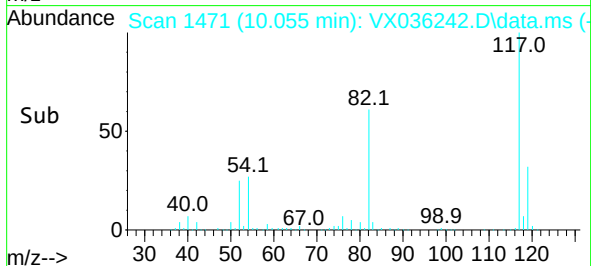
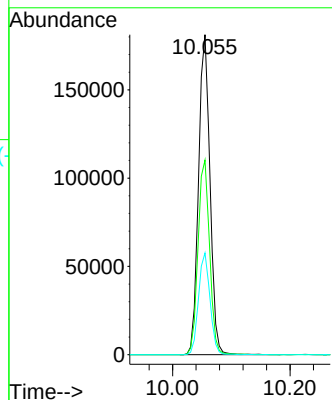
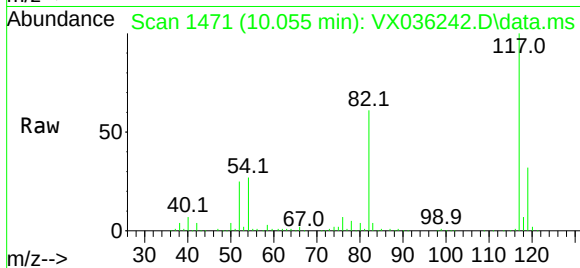
Tgt Ion:117 Resp: 244705

Ion Ratio Lower Upper

117 100

82 60.8 46.2 69.4

119 31.8 25.5 38.3



#67

Ethyl Benzene

Concen: 0.476 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX036242.D

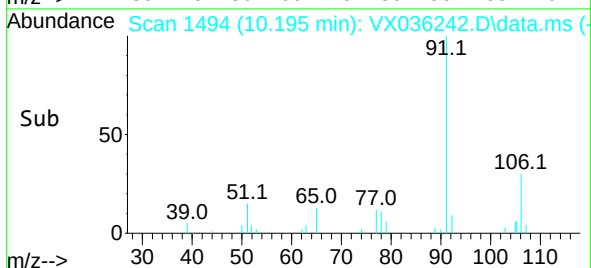
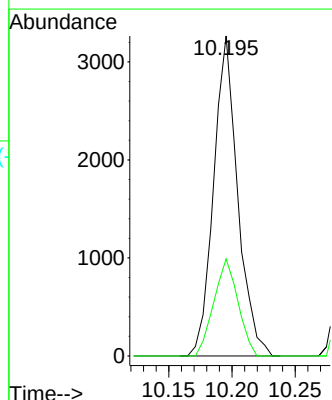
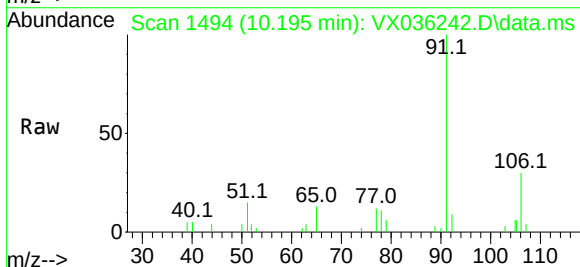
Acq: 20 Jun 2023 14:53

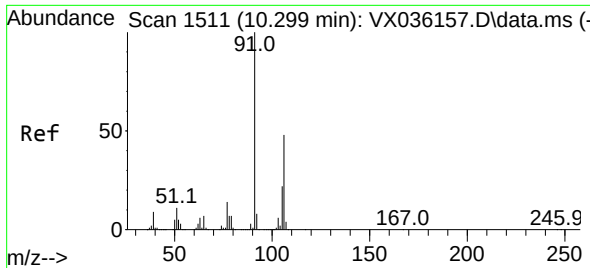
Tgt Ion: 91 Resp: 4315

Ion Ratio Lower Upper

91 100

106 30.4 24.9 37.3

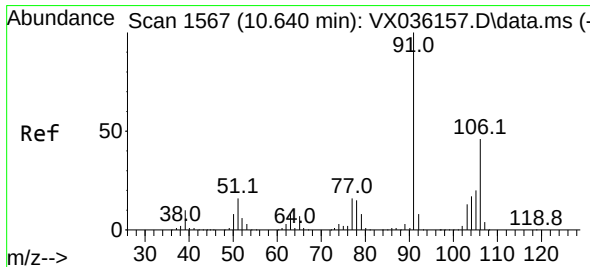
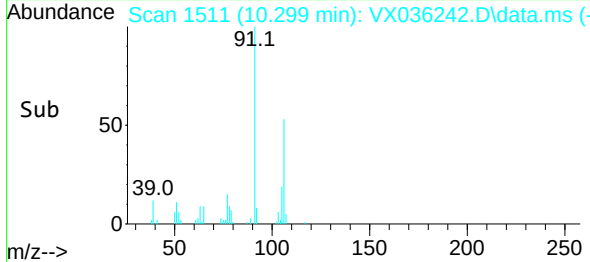
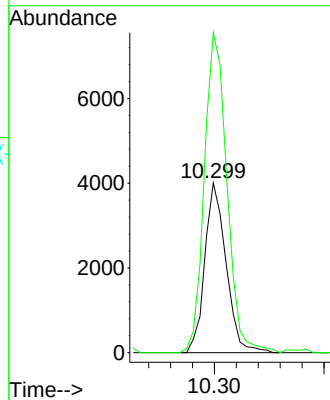
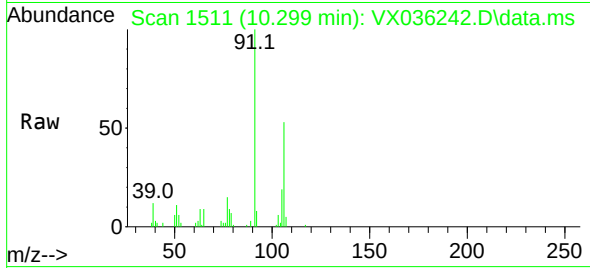




#68
m/p-Xylenes
Concen: 1.583 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036242.D
Acq: 20 Jun 2023 14:53

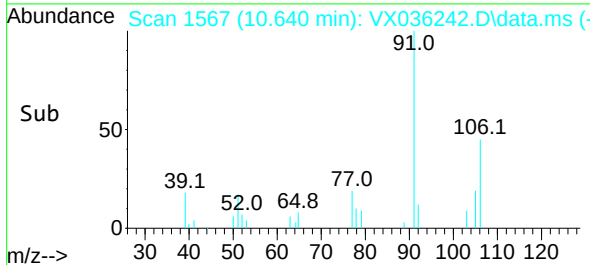
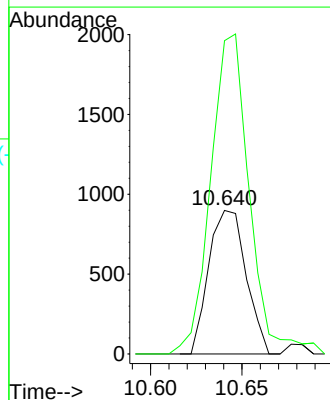
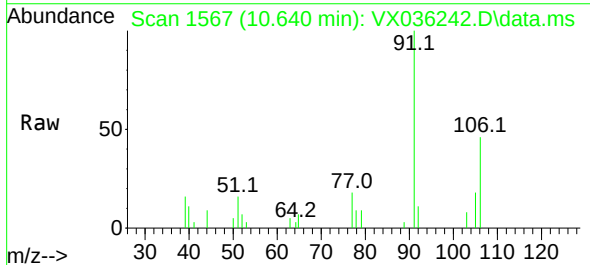
Instrument :
MSVOA_X
ClientSampleId :
1646

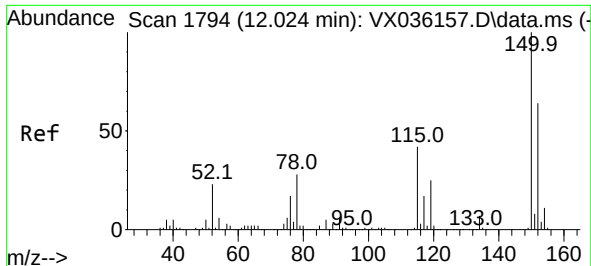
Tgt Ion:106 Resp: 5408
Ion Ratio Lower Upper
106 100
91 200.6 165.5 248.3



#69
o-Xylene
Concen: 0.379 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036242.D
Acq: 20 Jun 2023 14:53

Tgt Ion:106 Resp: 1277
Ion Ratio Lower Upper
106 100
91 231.1 108.9 326.8

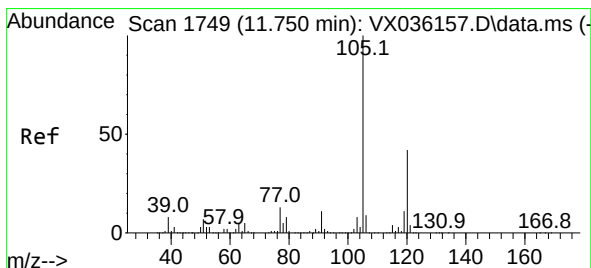
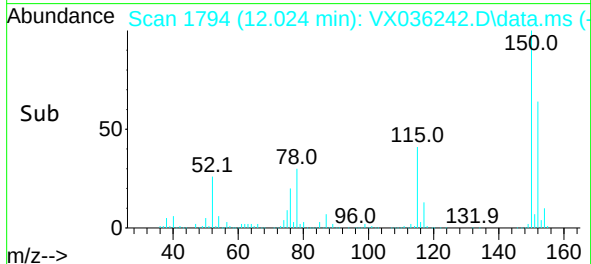
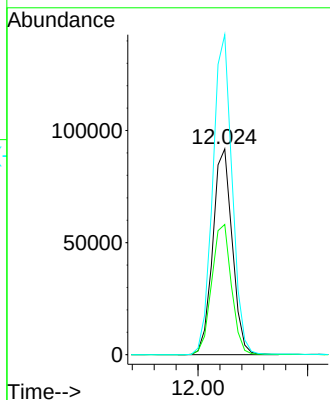
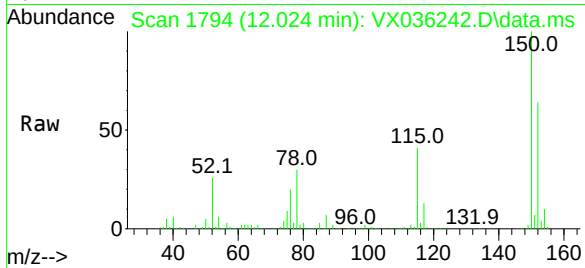




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036242.D
 Acq: 20 Jun 2023 14:53

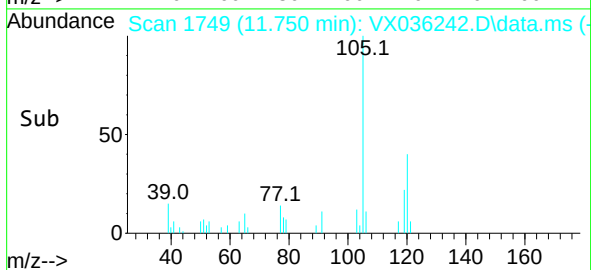
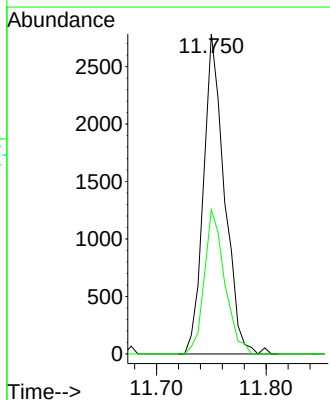
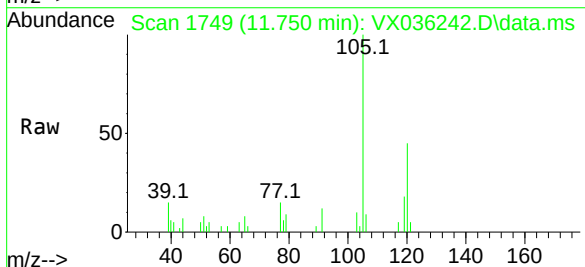
Instrument :
 MSVOA_X
 ClientSampleId :
 1646

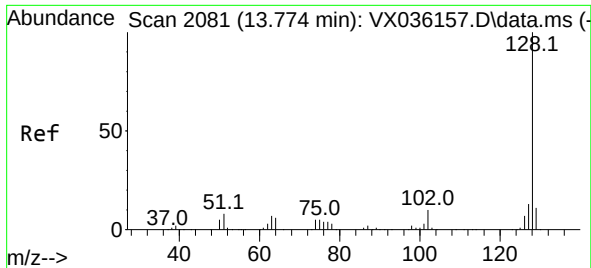
Tgt Ion:152 Resp: 113353
 Ion Ratio Lower Upper
 152 100
 115 64.3 43.3 129.9
 150 154.8 0.0 345.0



#84
 1,2,4-Trimethylbenzene
 Concen: 0.517 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX036242.D
 Acq: 20 Jun 2023 14:53

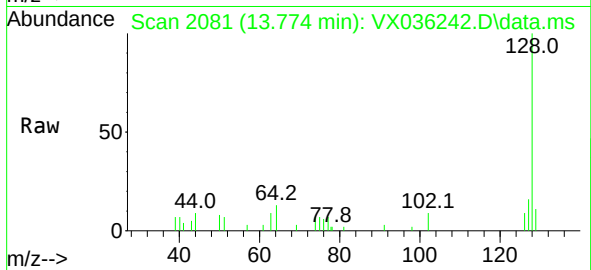
Tgt Ion:105 Resp: 3692
 Ion Ratio Lower Upper
 105 100
 120 43.8 21.2 63.6





#95
 Naphthalene
 Concen: 0.536 ug/l
 RT: 13.774 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: VX036242.D
 Acq: 20 Jun 2023 14:53

Instrument :
 MSVOA_X
 ClientSampleId :
 1646



Tgt Ion:	128	Resp:	3866
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.3	15.5
129	11.5	8.8	13.2

