

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037399.D
 Acq On : 30 Aug 2023 19:21
 Operator : JC/MD
 Sample : 04211-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRE-1767

Quant Time: Aug 31 02:29:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

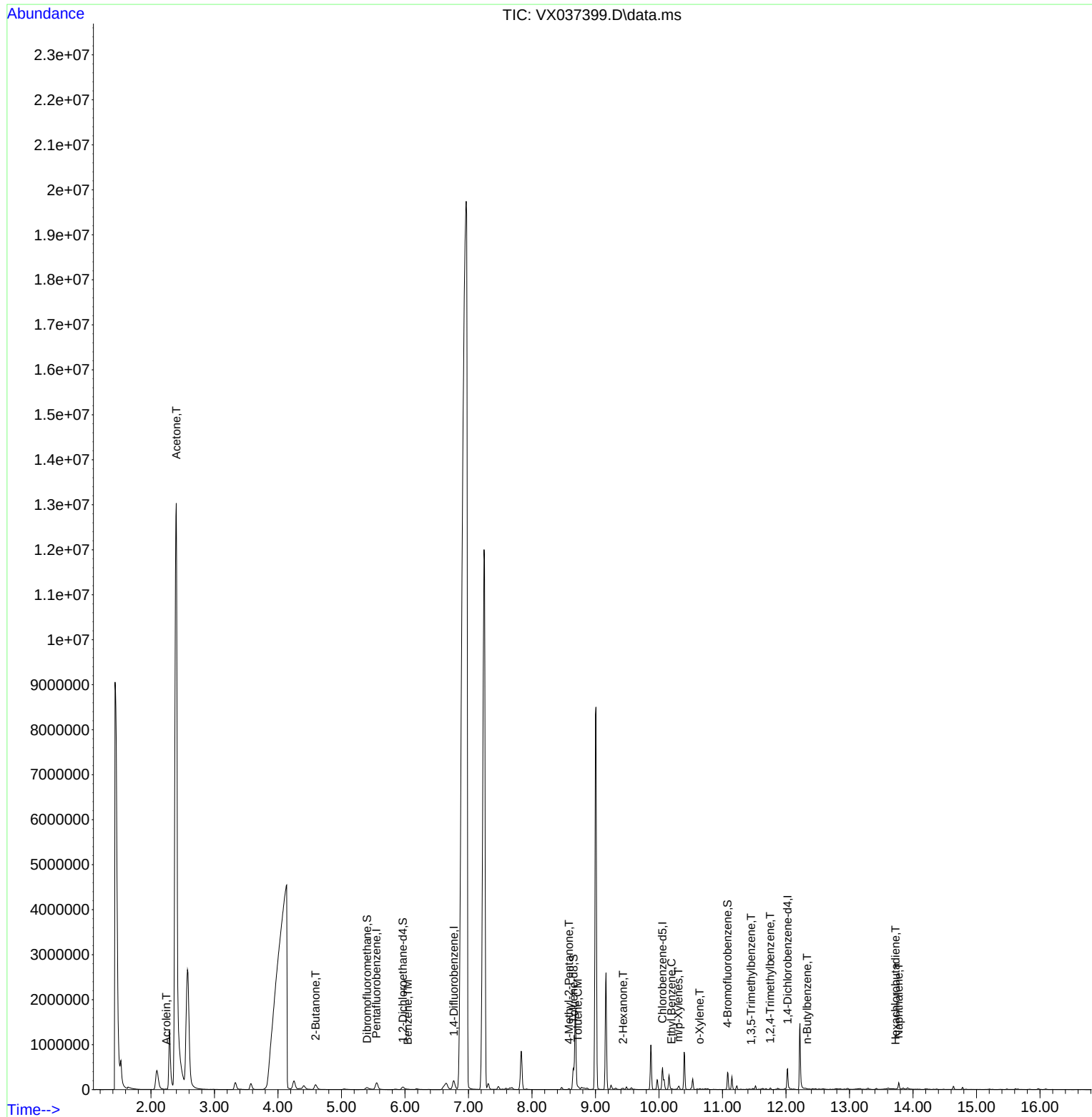
Internal Standards						
1) Pentafluorobenzene	5.550	168	147289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	246660	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	84188	39.647	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	79.300%
35) Dibromofluoromethane	5.404	113	67888	41.558	ug/l	0.02
Spiked Amount	50.000	Range	75 - 124	Recovery	=	83.120%
50) Toluene-d8	8.653	98	287922	48.590	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.180%
62) 4-Bromofluorobenzene	11.079	95	104939	45.064	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.120%
Target Compounds						
					Qvalue	
13) Acrolein	2.240	56	8066	21.286	ug/l	97
16) Acetone	2.398	43	19067296	22953.063	ug/l #	44
25) 2-Butanone	4.593	43	186706	149.270	ug/l #	85
40) Benzene	6.044	78	2723	0.409	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	10792	4.722	ug/l	88
52) Toluene	8.720	92	11976	2.723	ug/l	99
59) 2-Hexanone	9.433	43	14327	8.221	ug/l	94
67) Ethyl Benzene	10.195	91	3806	0.462	ug/l	97
68) m/p-Xylenes	10.305	106	8253	2.595	ug/l	96
69) o-Xylene	10.640	106	4346	1.385	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	3312	0.540	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	14891	2.400	ug/l	100
89) n-Butylbenzene	12.329	91	1682	0.345	ug/l #	71
94) Hexachlorobutadiene	13.725	225	375	0.504	ug/l	84
95) Naphthalene	13.774	128	89307	10.576	ug/l	100

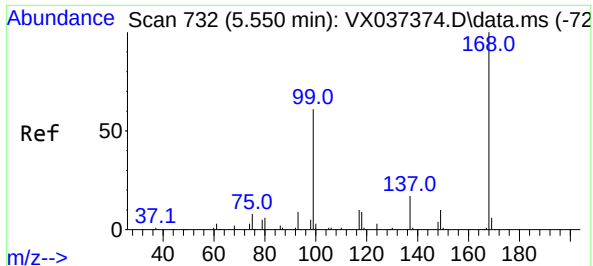
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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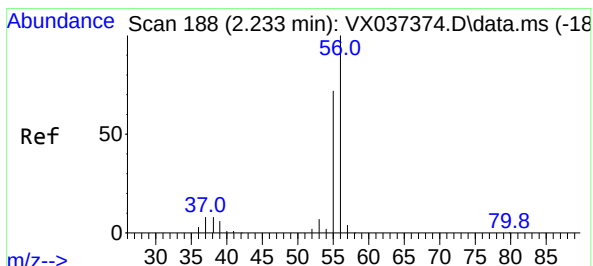
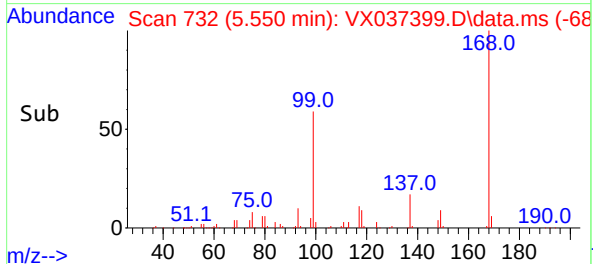
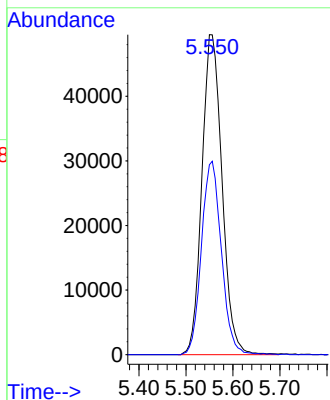
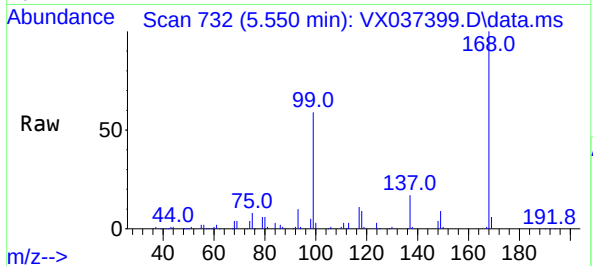




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037399.D
Acq: 30 Aug 2023 19:21

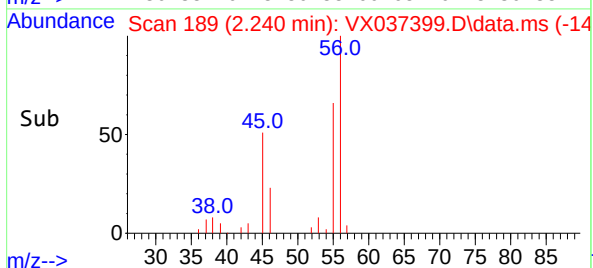
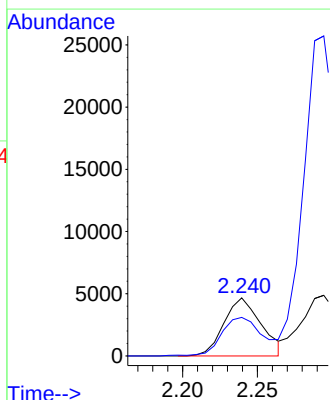
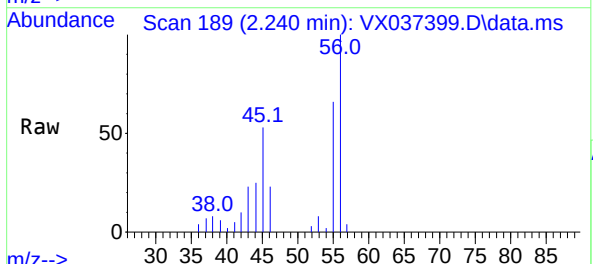
Instrument :
MSVOA_X
ClientSampleId :
TRE-1767

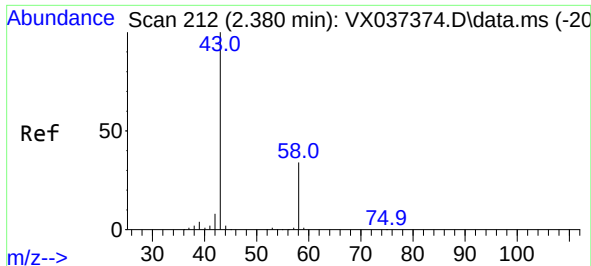
Tgt Ion:168 Resp: 147289
Ion Ratio Lower Upper
168 100
99 59.4 56.6 85.0



#13
Acrolein
Concen: 21.286 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX037399.D
Acq: 30 Aug 2023 19:21

Tgt Ion: 56 Resp: 8066
Ion Ratio Lower Upper
56 100
55 69.3 57.1 85.7

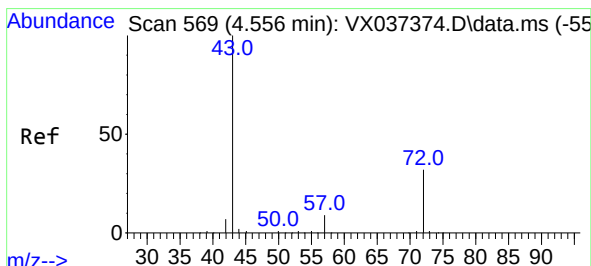
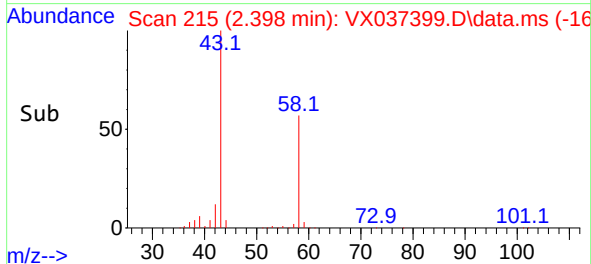
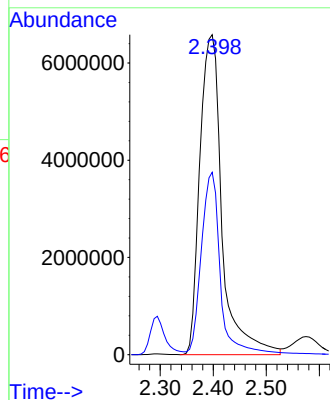
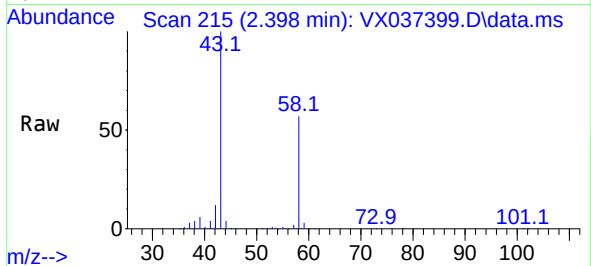




#16
Acetone
Concen: 22953.063 ug/l
RT: 2.398 min Scan# 212
Delta R.T. 0.012 min
Lab File: VX037399.D
Acq: 30 Aug 2023 19:21

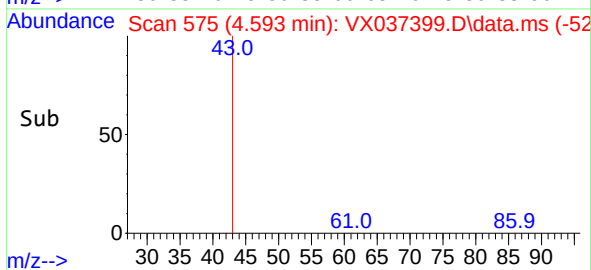
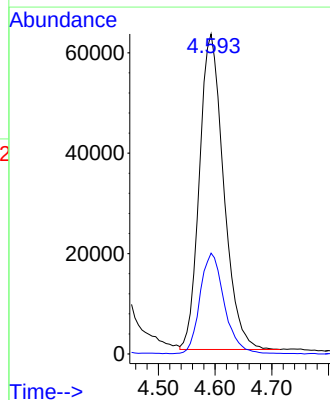
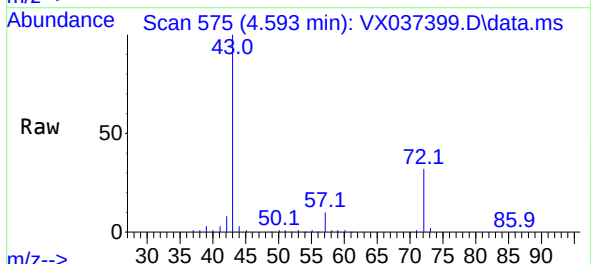
Instrument :
MSVOA_X
ClientSampleId :
TRE-1767

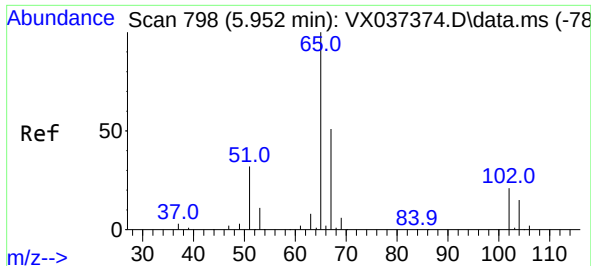
Tgt Ion: 43 Resp:19067296
Ion Ratio Lower Upper
43 100
58 56.3 21.9 32.9#



#25
2-Butanone
Concen: 149.270 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.037 min
Lab File: VX037399.D
Acq: 30 Aug 2023 19:21

Tgt Ion: 43 Resp: 186706
Ion Ratio Lower Upper
43 100
72 31.7 19.4 29.2#

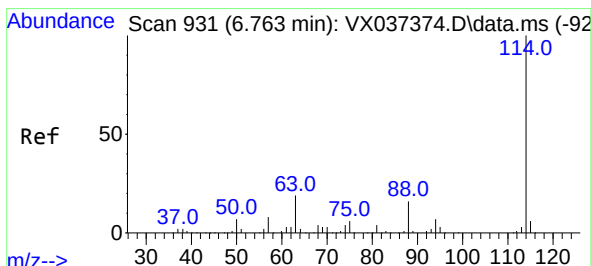
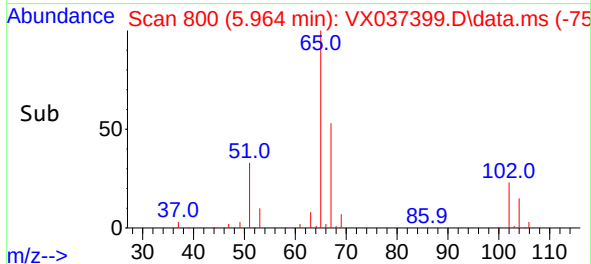
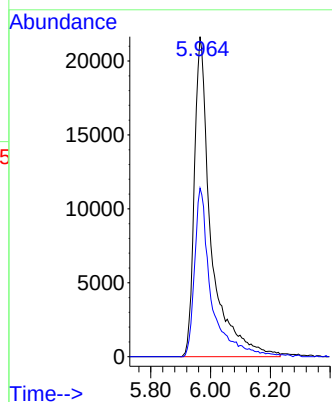
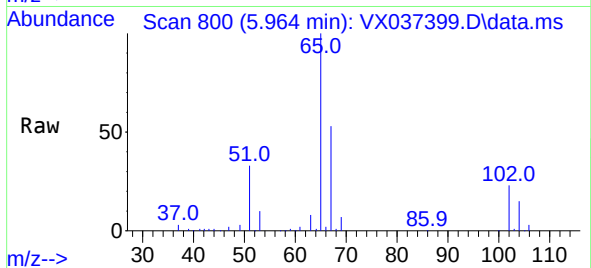




#33
1,2-Dichloroethane-d4
Concen: 39.647 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX037399.D
Acq: 30 Aug 2023 19:21

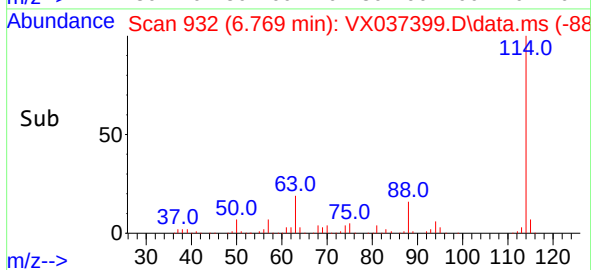
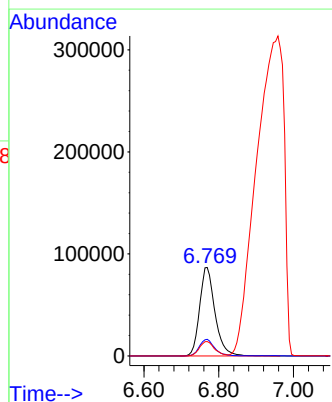
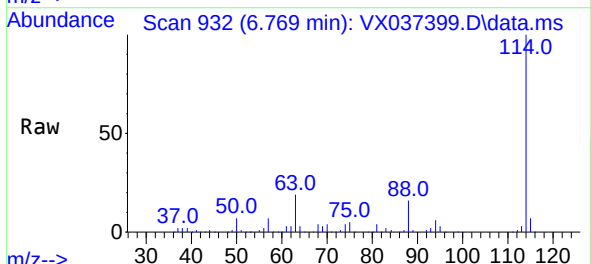
Instrument :
MSVOA_X
ClientSampleId :
TRE-1767

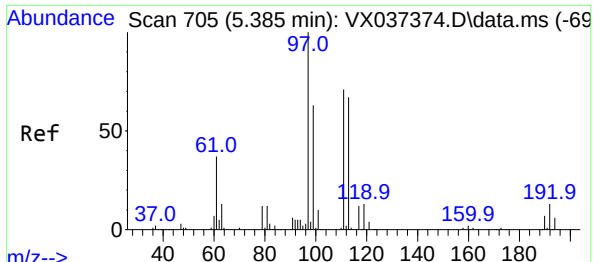
Tgt Ion: 65 Resp: 84188
Ion Ratio Lower Upper
65 100
67 52.7 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.006 min
Lab File: VX037399.D
Acq: 30 Aug 2023 19:21

Tgt Ion: 114 Resp: 246660
Ion Ratio Lower Upper
114 100
63 18.8 0.0 45.0
88 16.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 41.558 ug/l

RT: 5.404 min Scan# 705

Delta R.T. 0.018 min

Lab File: VX037399.D

Acq: 30 Aug 2023 19:21

Instrument :

MSVOA_X

ClientSampleId :

TRE-1767

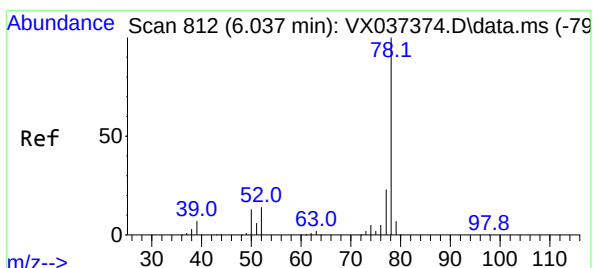
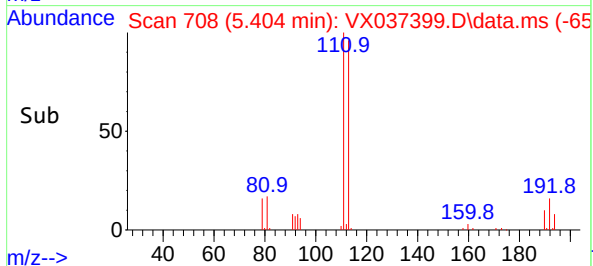
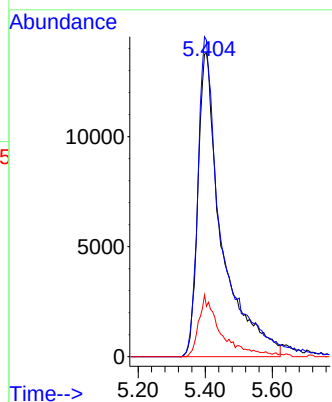
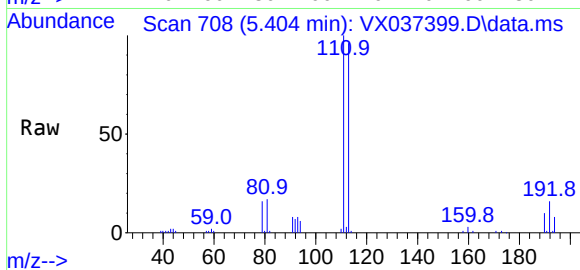
Tgt Ion:113 Resp: 67888

Ion Ratio Lower Upper

113 100

111 104.7 82.9 124.3

192 18.3 13.3 19.9



#40

Benzene

Concen: 0.409 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX037399.D

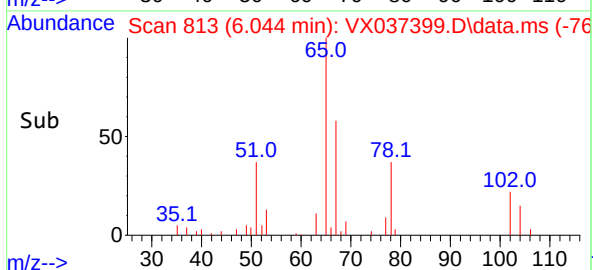
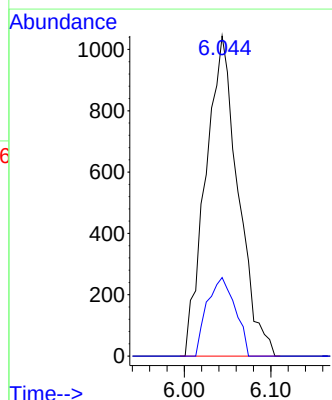
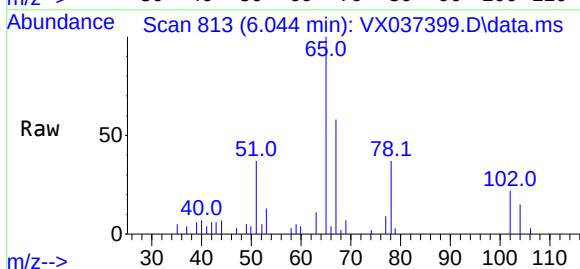
Acq: 30 Aug 2023 19:21

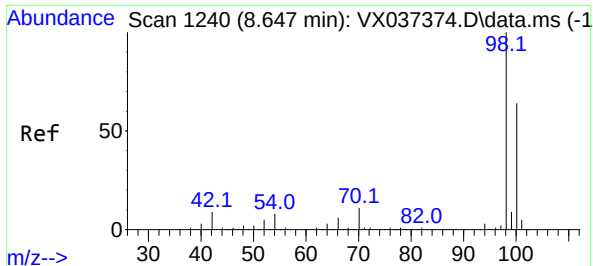
Tgt Ion: 78 Resp: 2723

Ion Ratio Lower Upper

78 100

77 24.5 19.3 28.9

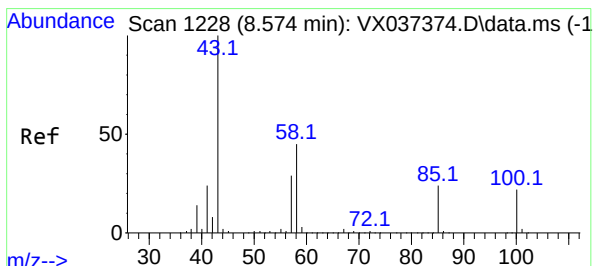
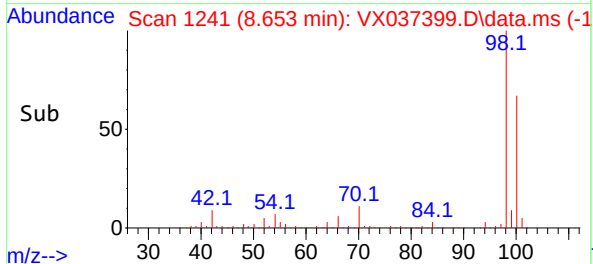
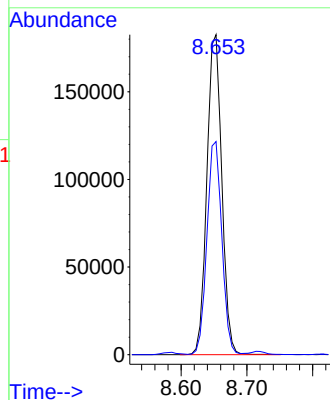
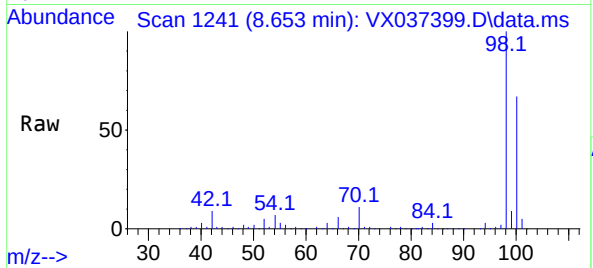




#50
Toluene-d8
Concen: 48.590 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX037399.D
Acq: 30 Aug 2023 19:21

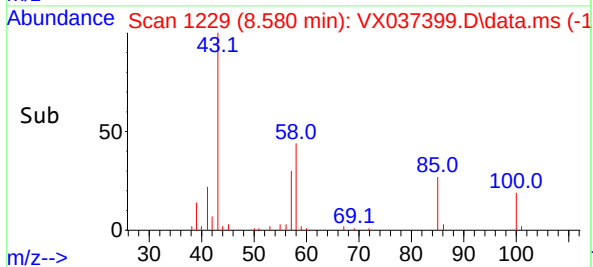
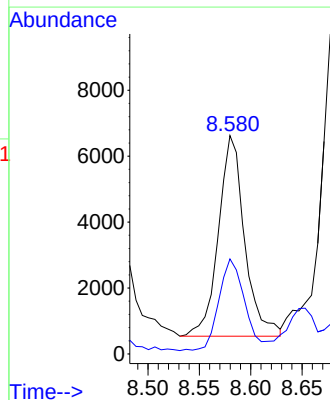
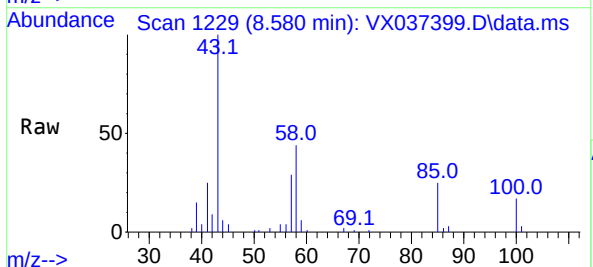
Instrument :
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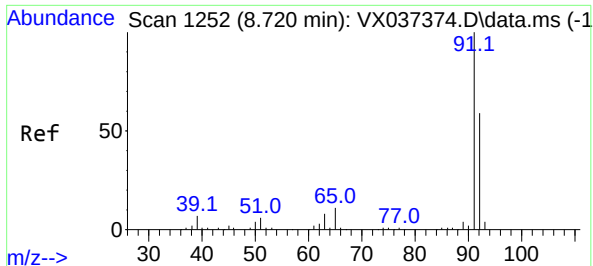
Tgt Ion: 98 Resp: 287922
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 4.722 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX037399.D
Acq: 30 Aug 2023 19:21

Tgt Ion: 43 Resp: 10792
Ion Ratio Lower Upper
43 100
58 45.1 30.4 45.6





#52

Toluene

Concen: 2.723 ug/l

RT: 8.720 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037399.D

Acq: 30 Aug 2023 19:21

Instrument :

MSVOA_X

ClientSampleId :

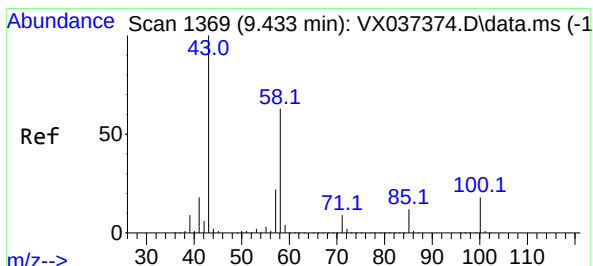
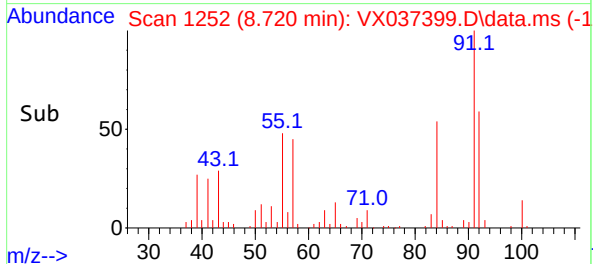
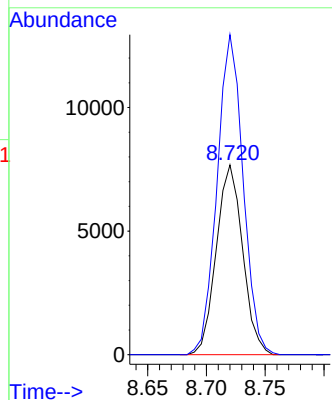
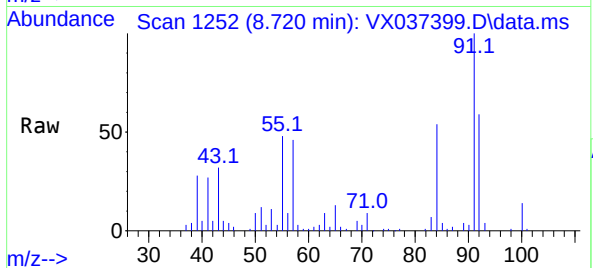
TRE-1767

Tgt Ion: 92 Resp: 11976

Ion Ratio Lower Upper

92 100

91 166.9 134.2 201.2



#59

2-Hexanone

Concen: 8.221 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX037399.D

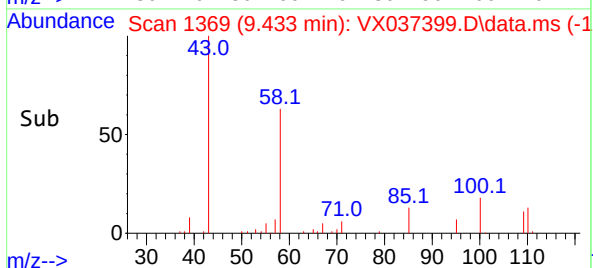
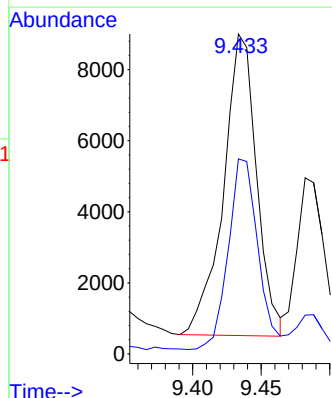
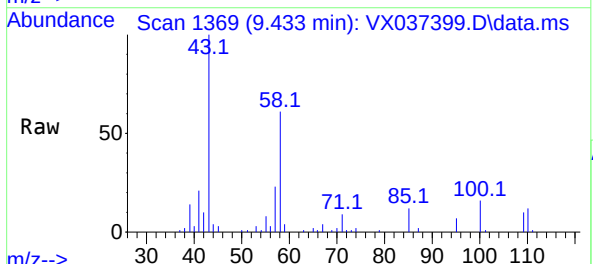
Acq: 30 Aug 2023 19:21

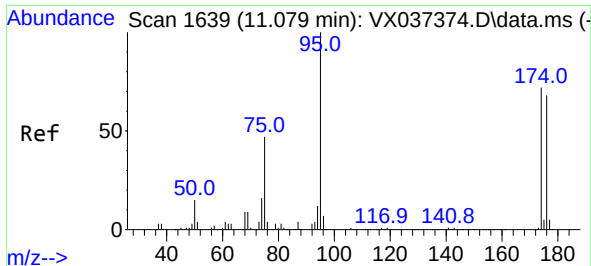
Tgt Ion: 43 Resp: 14327

Ion Ratio Lower Upper

43 100

58 56.4 26.2 78.5

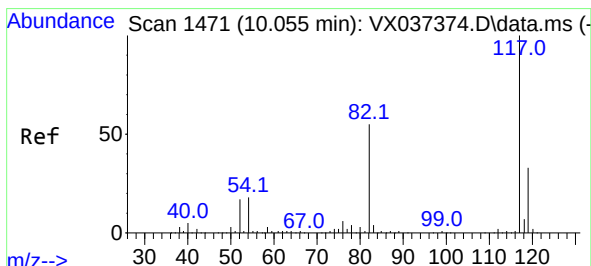
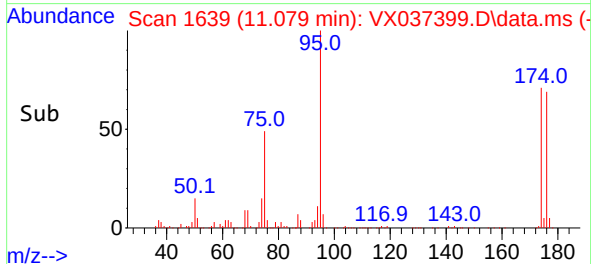
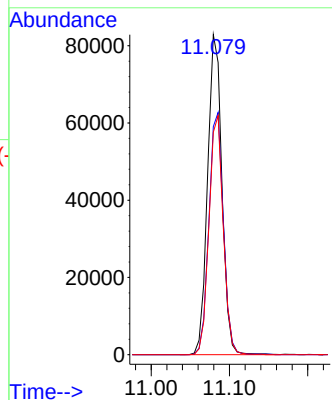
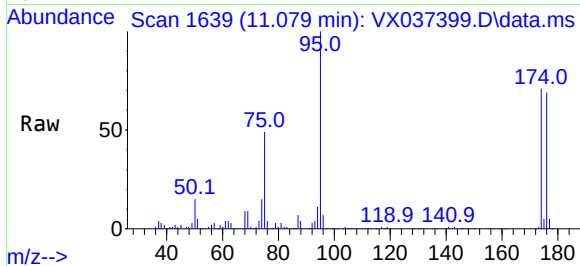




#62
4-Bromofluorobenzene
Concen: 45.064 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037399.D
Acq: 30 Aug 2023 19:21

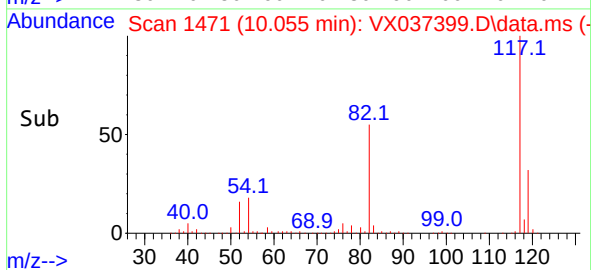
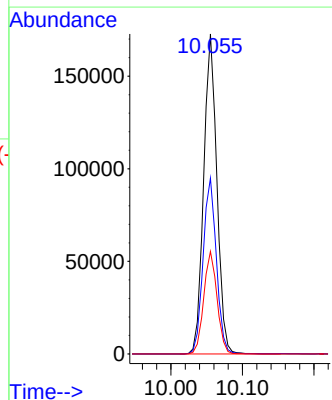
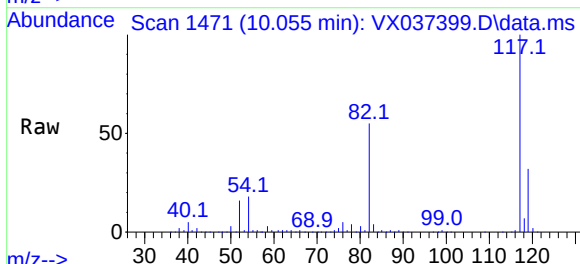
Instrument :
MSVOA_X
ClientSampleId :
TRE-1767

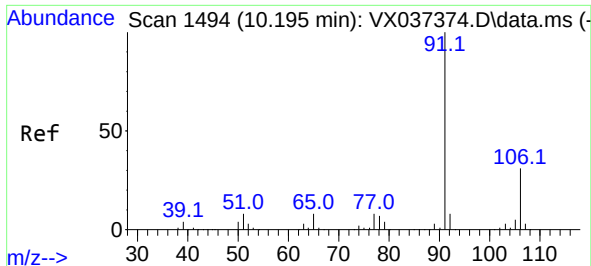
Tgt Ion: 95 Resp: 104939
Ion Ratio Lower Upper
95 100
174 76.5 0.0 135.6
176 74.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037399.D
Acq: 30 Aug 2023 19:21

Tgt Ion: 117 Resp: 221470
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.4
119 32.1 25.5 38.3





#67

Ethyl Benzene

Concen: 0.462 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX037399.D

Acq: 30 Aug 2023 19:21

Instrument :

MSVOA_X

ClientSampleId :

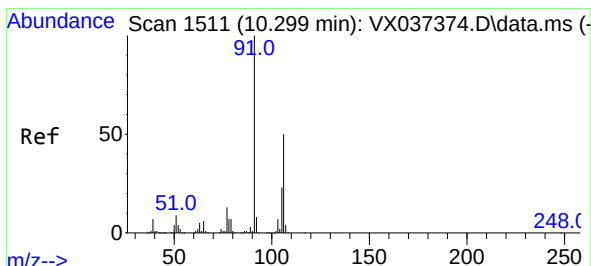
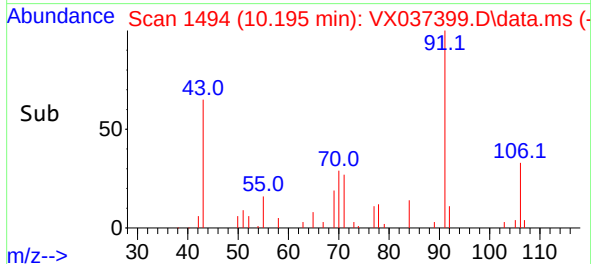
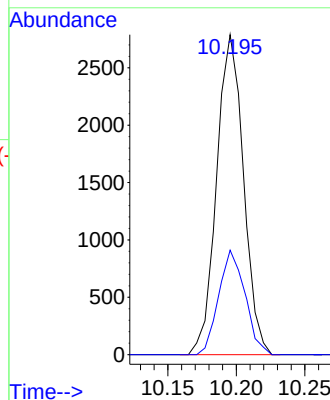
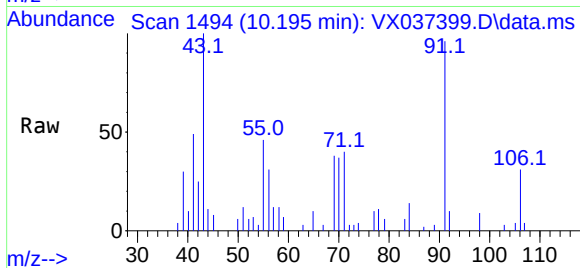
TRE-1767

Tgt Ion: 91 Resp: 3806

Ion Ratio Lower Upper

91 100

106 32.6 24.9 37.3



#68

m/p-Xylenes

Concen: 2.595 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX037399.D

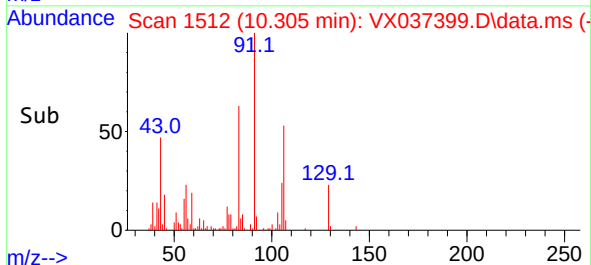
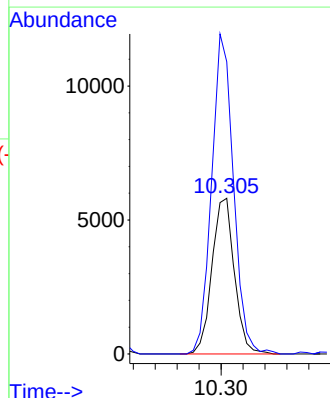
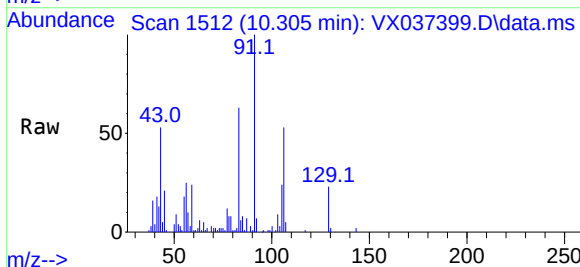
Acq: 30 Aug 2023 19:21

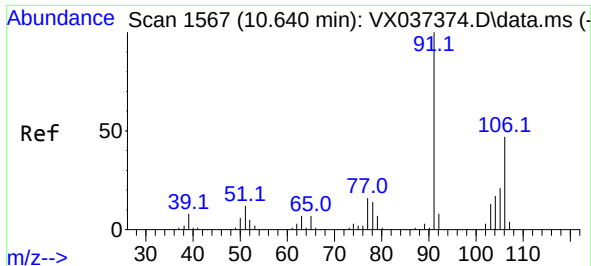
Tgt Ion: 106 Resp: 8253

Ion Ratio Lower Upper

106 100

91 200.0 165.5 248.3

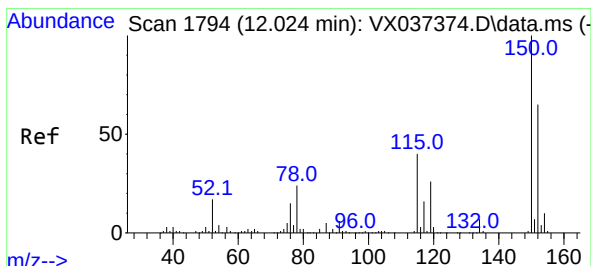
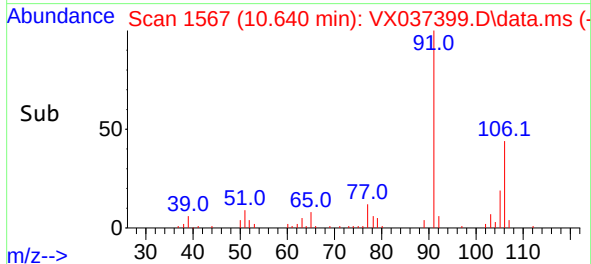
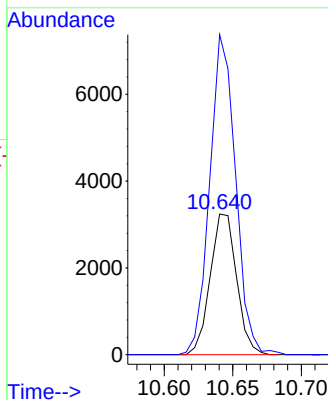
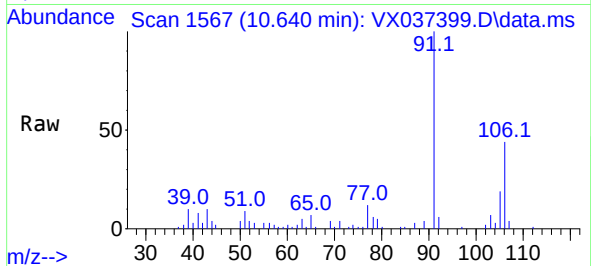




#69
o-Xylene
Concen: 1.385 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037399.D
Acq: 30 Aug 2023 19:21

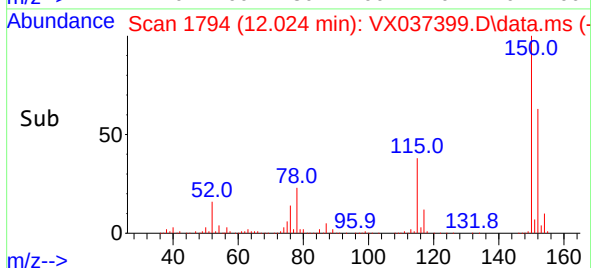
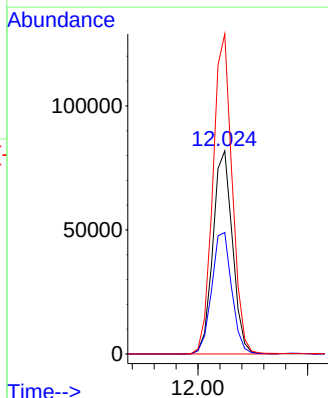
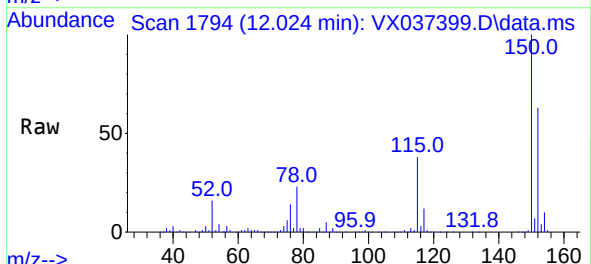
Instrument :
MSVOA_X
ClientSampleId :
TRE-1767

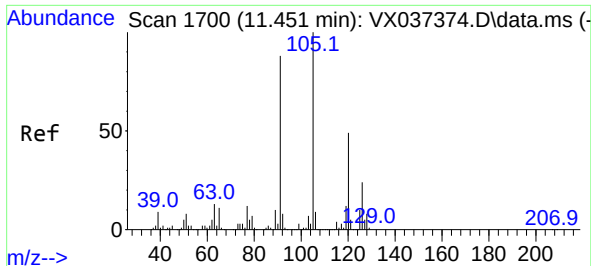
Tgt Ion:106 Resp: 4346
Ion Ratio Lower Upper
106 100
91 222.8 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037399.D
Acq: 30 Aug 2023 19:21

Tgt Ion:152 Resp: 101235
Ion Ratio Lower Upper
152 100
115 61.5 43.3 129.9
150 155.7 0.0 345.0

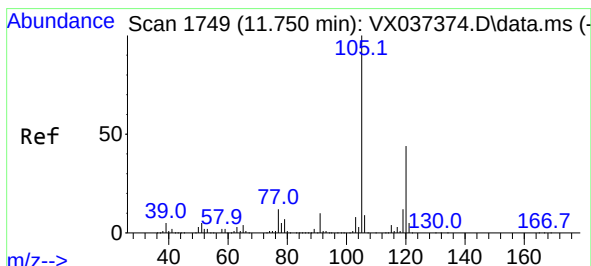
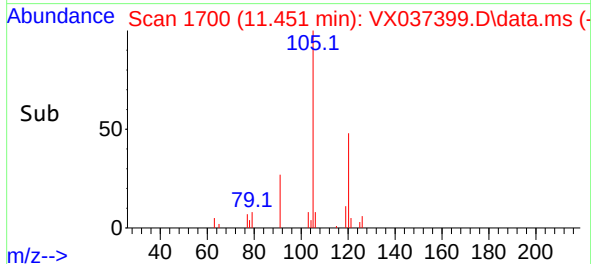
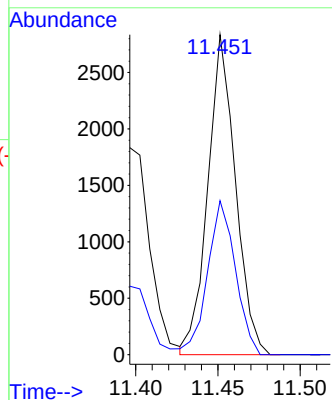
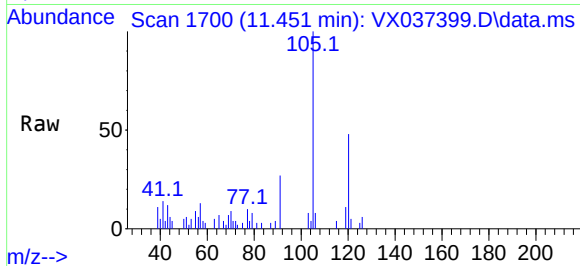




#80
1,3,5-Trimethylbenzene
Concen: 0.540 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037399.D
Acq: 30 Aug 2023 19:21

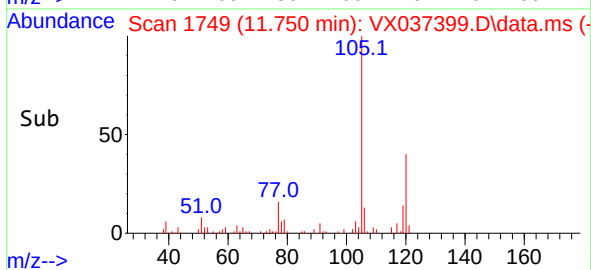
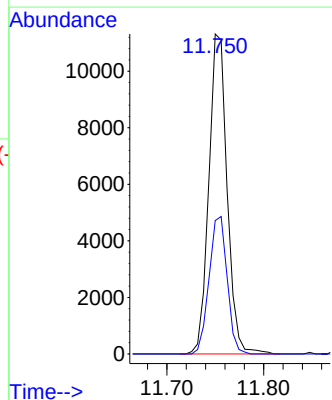
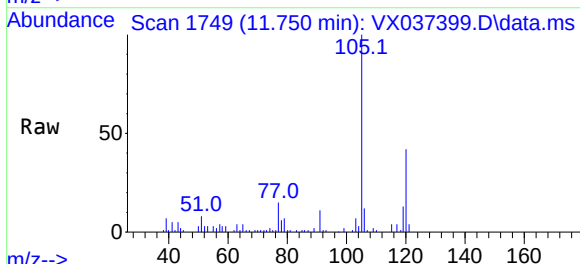
Instrument :
MSVOA_X
ClientSampleId :
TRE-1767

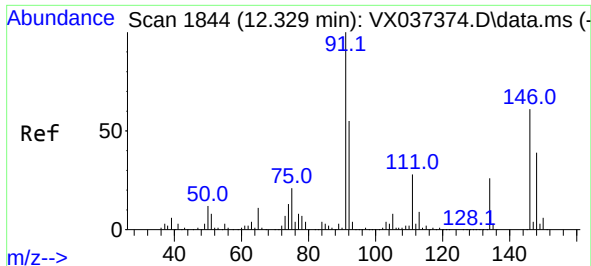
Tgt Ion:105 Resp: 3312
Ion Ratio Lower Upper
105 100
120 49.0 24.1 72.3



#84
1,2,4-Trimethylbenzene
Concen: 2.400 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX037399.D
Acq: 30 Aug 2023 19:21

Tgt Ion:105 Resp: 14891
Ion Ratio Lower Upper
105 100
120 42.3 21.2 63.6





#89

n-Butylbenzene

Concen: 0.345 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX037399.D

Acq: 30 Aug 2023 19:21

Instrument :

MSVOA_X

ClientSampleId :

TRE-1767

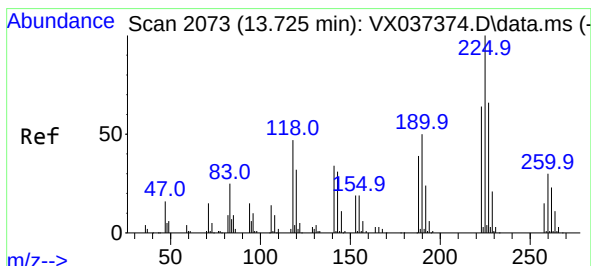
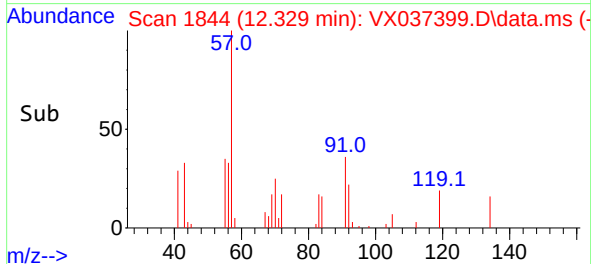
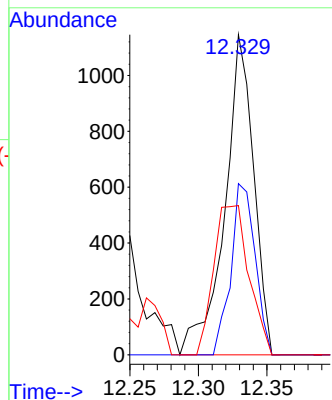
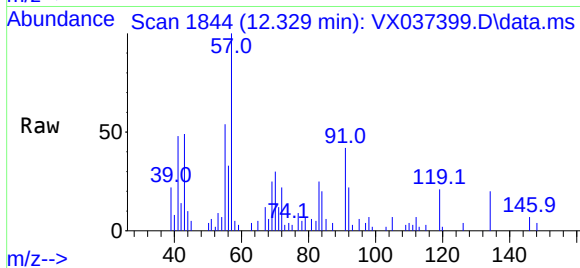
Tgt Ion: 91 Resp: 1682

Ion Ratio Lower Upper

91 100

92 44.8 27.4 82.0

134 56.8 12.6 37.8#



#94

Hexachlorobutadiene

Concen: 0.504 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX037399.D

Acq: 30 Aug 2023 19:21

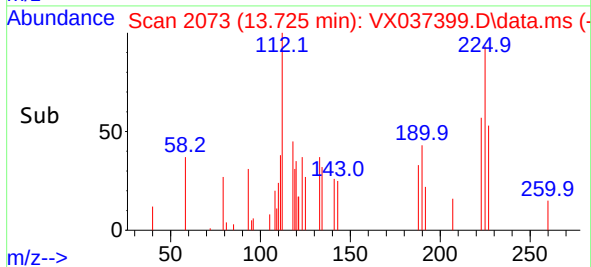
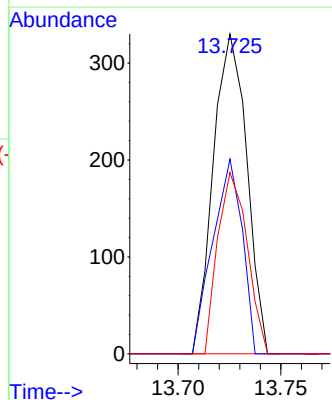
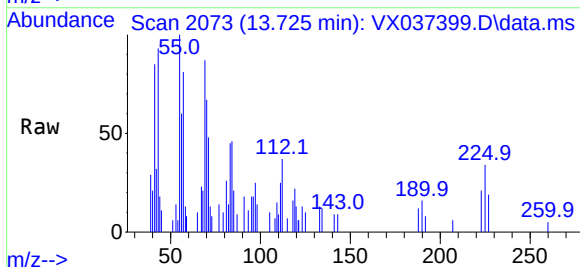
Tgt Ion: 225 Resp: 375

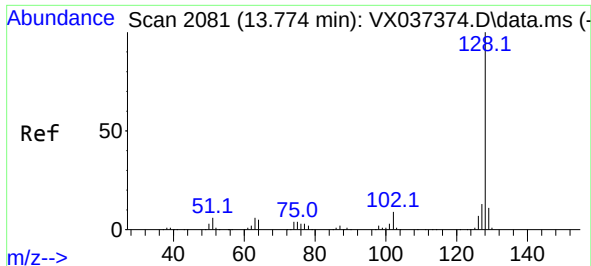
Ion Ratio Lower Upper

225 100

223 53.3 31.1 93.2

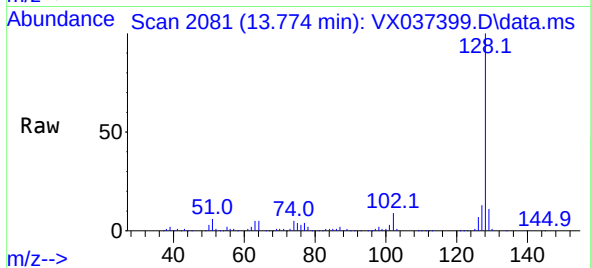
227 49.6 32.5 97.5





#95
Naphthalene
Concen: 10.576 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX037399.D
Acq: 30 Aug 2023 19:21

Instrument :
MSVOA_X
ClientSampleId :
TRE-1767



Tgt Ion:	128	Resp:	89307
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.8	8.8	13.2

