

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110722\
 Data File : VX032629.D
 Acq On : 07 Nov 2022 16:01
 Operator : JC/MD
 Sample : N5484-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GES-2

Quant Time: Nov 08 03:14:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

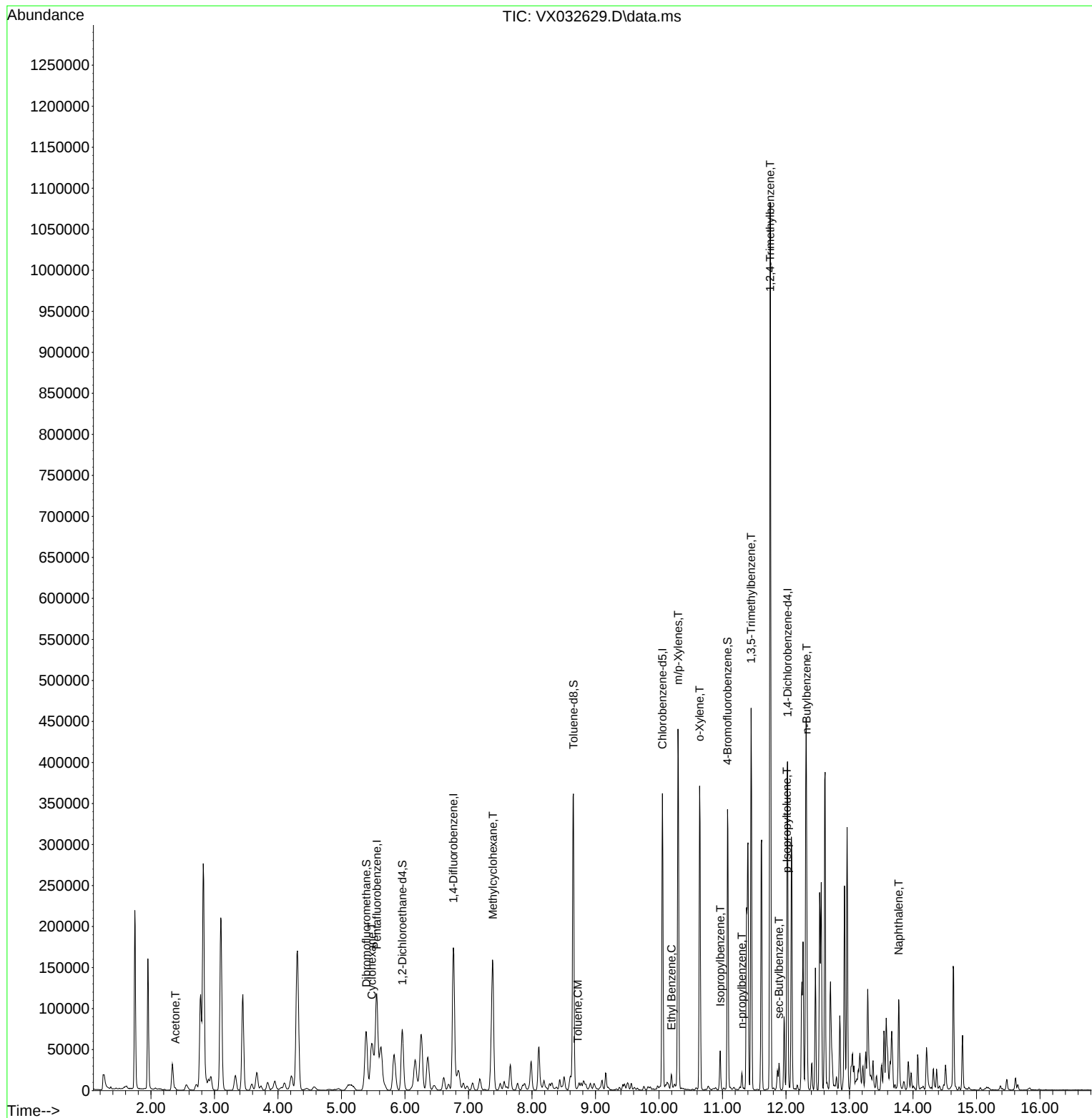
Internal Standards						
1) Pentafluorobenzene	5.556	168	107197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	177143	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	157602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79588	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74187	49.807	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.620%
35) Dibromofluoromethane	5.391	113	58474	46.277	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.560%
50) Toluene-d8	8.653	98	214064	48.720	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.440%
62) 4-Bromofluorobenzene	11.079	95	85172	49.625	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.260%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	3033	5.603	ug/l	96
31) Cyclohexane	5.477	56	41450	22.952	ug/l	96
39) Methylcyclohexane	7.385	83	68314	32.814	ug/l	99
52) Toluene	8.720	92	1144	0.352	ug/l	96
67) Ethyl Benzene	10.195	91	9798	1.552	ug/l	95
68) m/p-Xylenes	10.299	106	99756	40.693	ug/l	99
69) o-Xylene	10.640	106	78421	32.902	ug/l	99
73) Isopropylbenzene	10.964	105	22627	3.588	ug/l	99
78) n-propylbenzene	11.305	91	11823	1.627	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	191702	35.566	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	478855	89.322	ug/l	99
85) sec-Butylbenzene	11.890	105	16497	2.548	ug/l	100
86) p-Isopropyltoluene	12.012	119	13340	2.428	ug/l	95
89) n-Butylbenzene	12.323	91	59746	12.499	ug/l #	19
95) Naphthalene	13.774	128	67403	10.788	ug/l	97

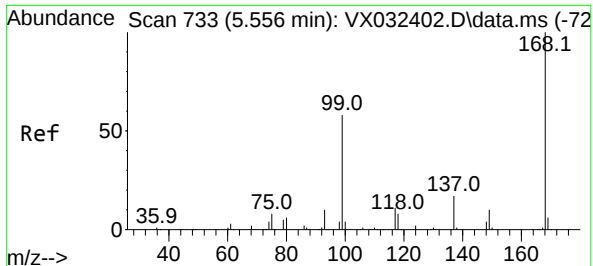
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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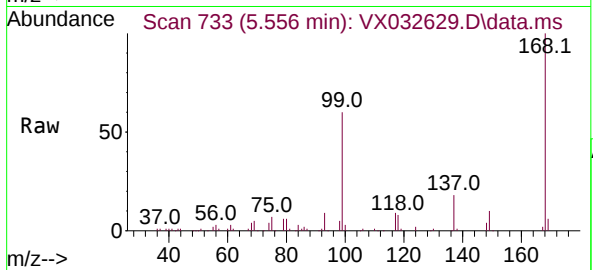
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
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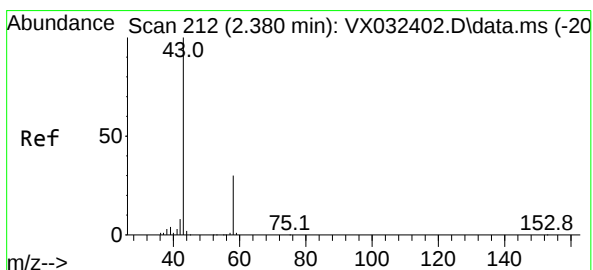
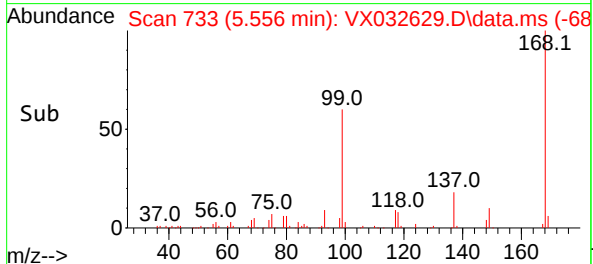
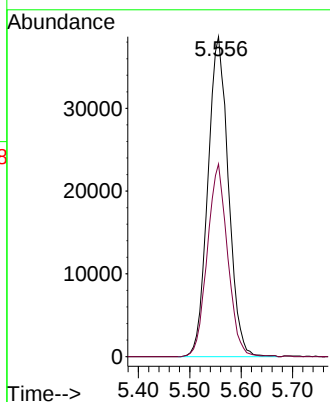


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032629.D
Acq: 07 Nov 2022 16:01

Instrument :
MSVOA_X
ClientSampleId :
GES-2

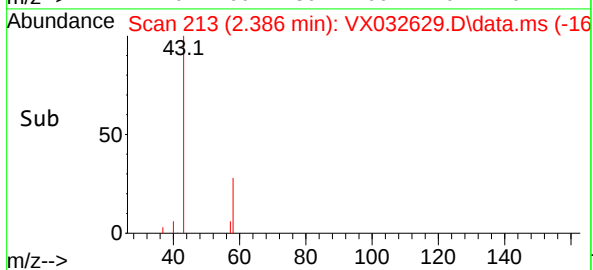
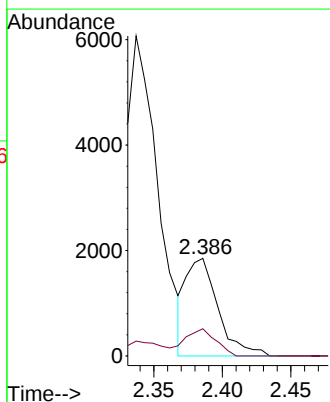
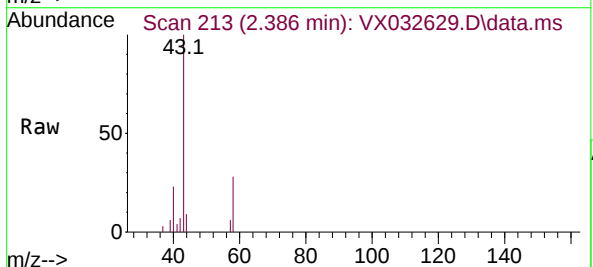


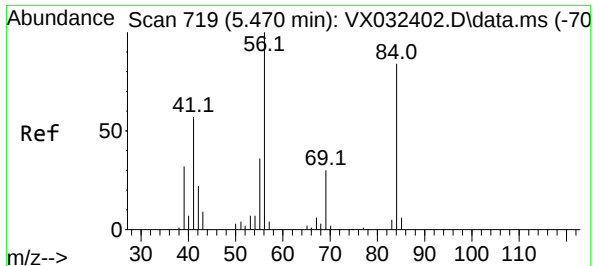
Tgt Ion:168 Resp: 107197
Ion Ratio Lower Upper
168 100
99 60.2 46.1 69.1



#16
Acetone
Concen: 5.603 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032629.D
Acq: 07 Nov 2022 16:01

Tgt Ion: 43 Resp: 3033
Ion Ratio Lower Upper
43 100
58 27.9 23.8 35.8

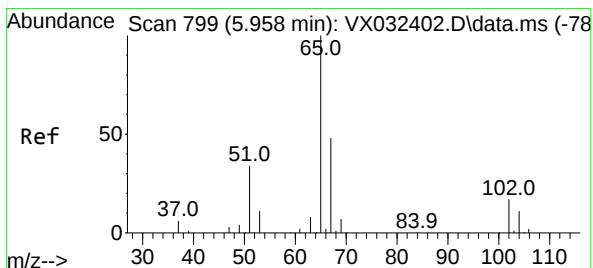
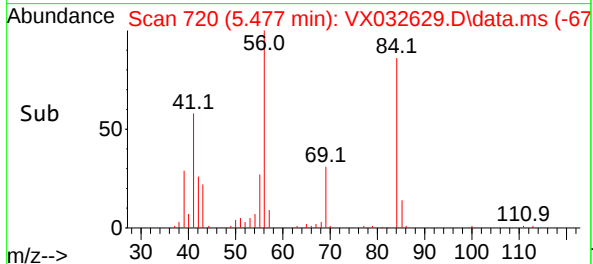
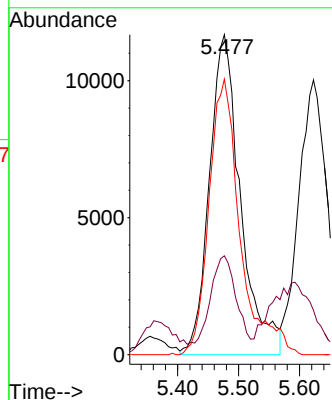
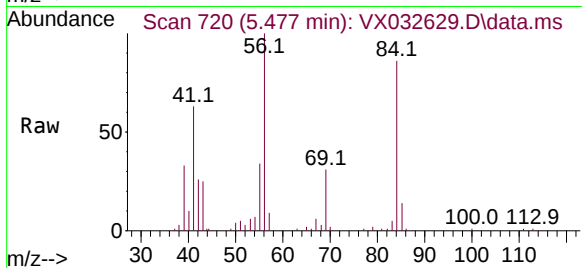




#31
Cyclohexane
Concen: 22.952 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX032629.D
Acq: 07 Nov 2022 16:01

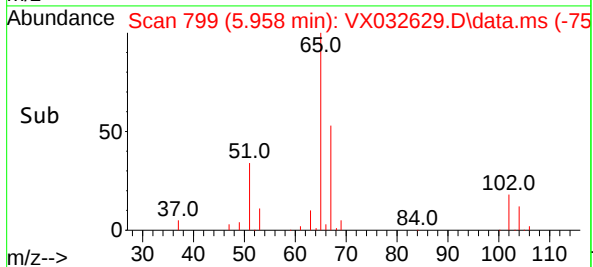
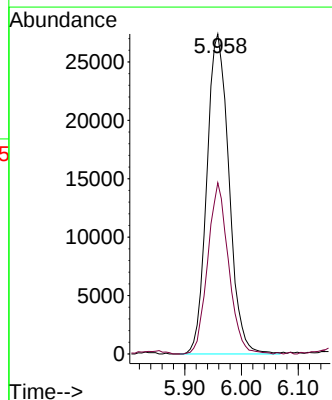
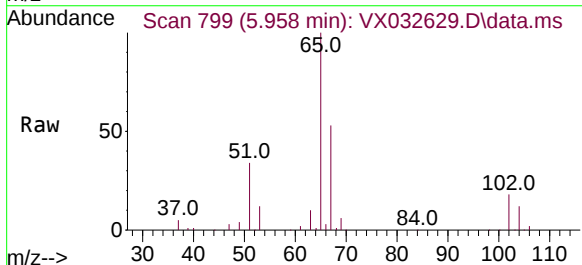
Instrument :
MSVOA_X
ClientSampleId :
GES-2

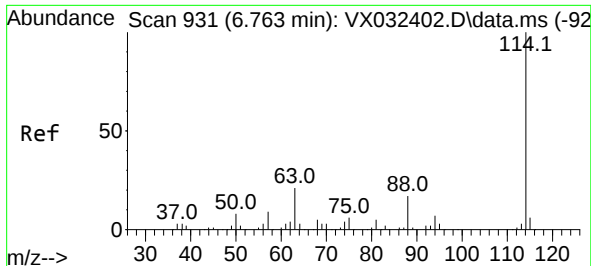
Tgt Ion: 56 Resp: 41450
Ion Ratio Lower Upper
56 100
69 27.2 24.1 36.1
84 87.0 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 49.807 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032629.D
Acq: 07 Nov 2022 16:01

Tgt Ion: 65 Resp: 74187
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032629.D

Acq: 07 Nov 2022 16:01

Instrument :

MSVOA_X

ClientSampleId :

GES-2

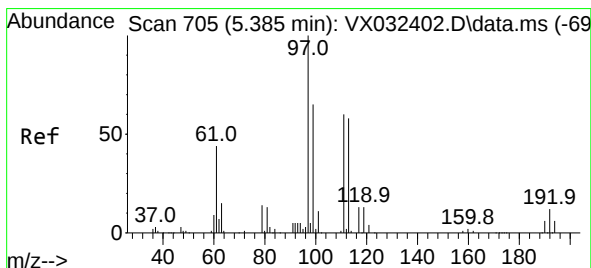
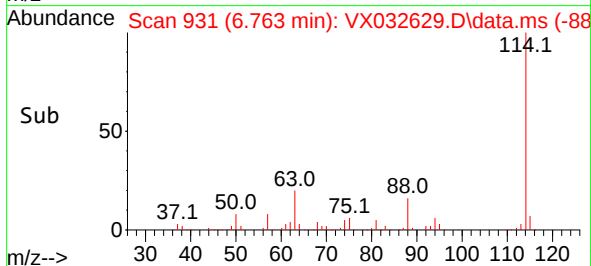
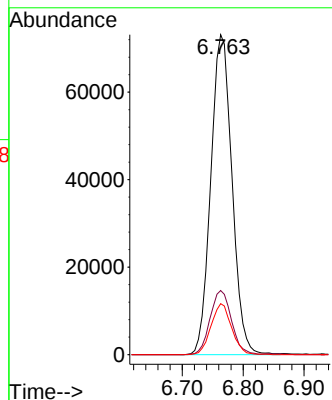
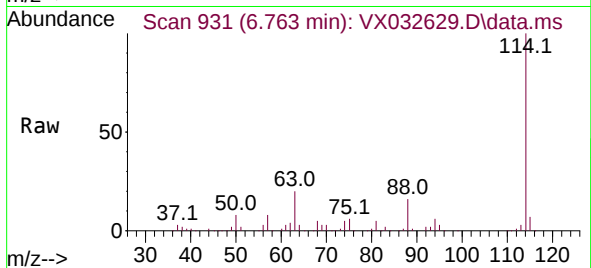
Tgt Ion:114 Resp: 177143

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.6

88 15.9 0.0 33.4



#35

Dibromofluoromethane

Concen: 46.277 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX032629.D

Acq: 07 Nov 2022 16:01

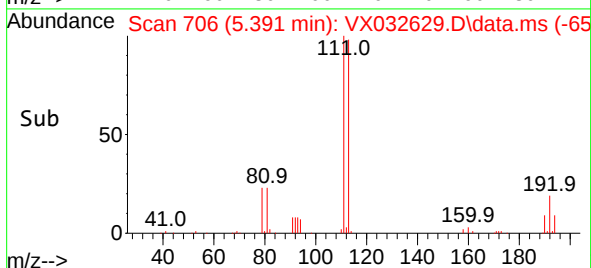
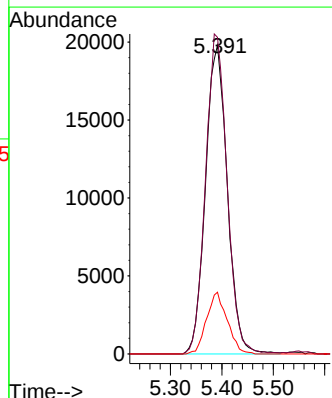
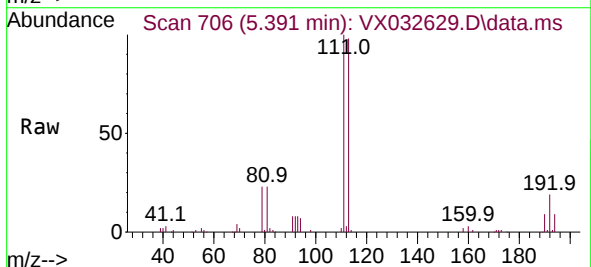
Tgt Ion:113 Resp: 58474

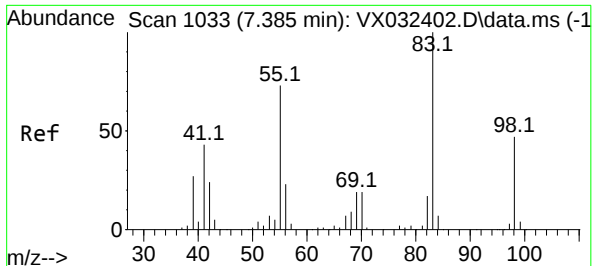
Ion Ratio Lower Upper

113 100

111 102.2 82.4 123.6

192 18.8 15.4 23.2





#39

Methylcyclohexane

Concen: 32.814 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX032629.D

Acq: 07 Nov 2022 16:01

Instrument :

MSVOA_X

ClientSampleId :

GES-2

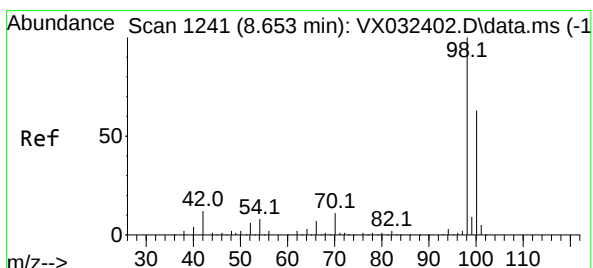
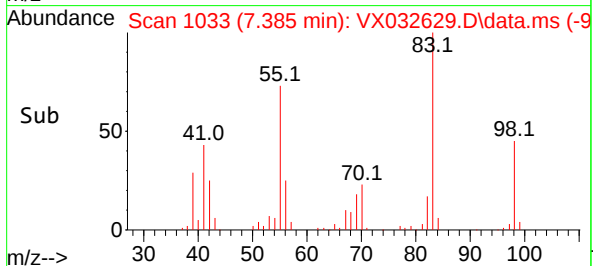
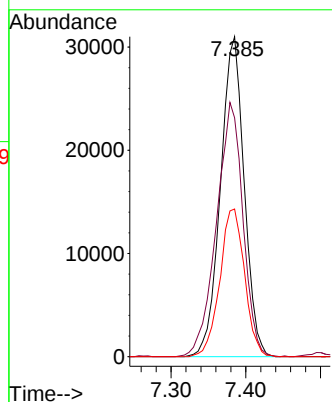
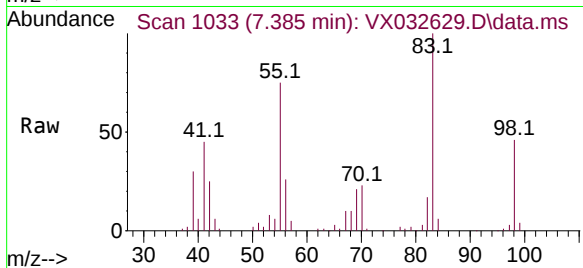
Tgt Ion: 83 Resp: 68314

Ion Ratio Lower Upper

83 100

55 74.6 58.4 87.6

98 46.1 37.2 55.8



#50

Toluene-d8

Concen: 48.720 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX032629.D

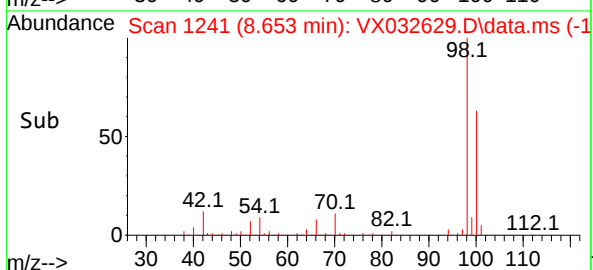
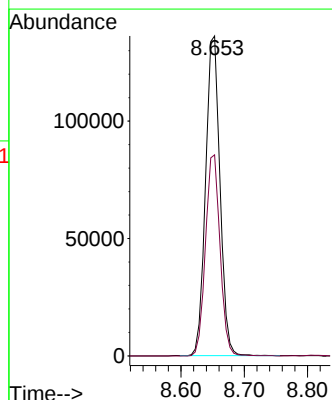
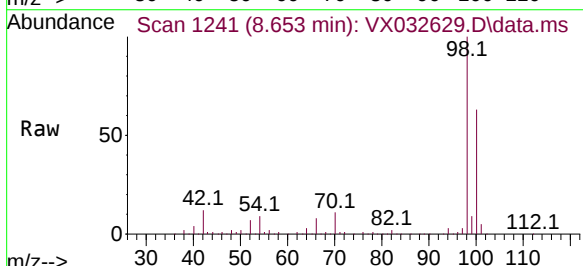
Acq: 07 Nov 2022 16:01

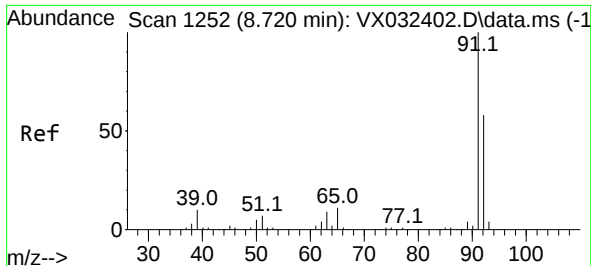
Tgt Ion: 98 Resp: 214064

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3

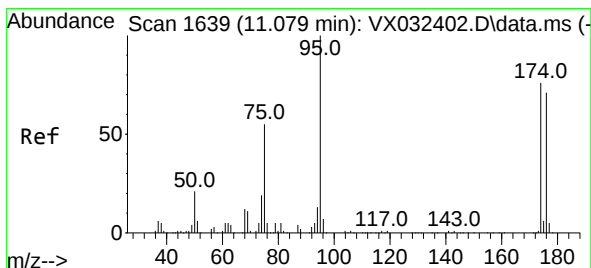
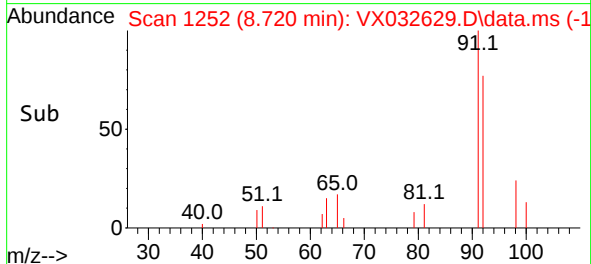
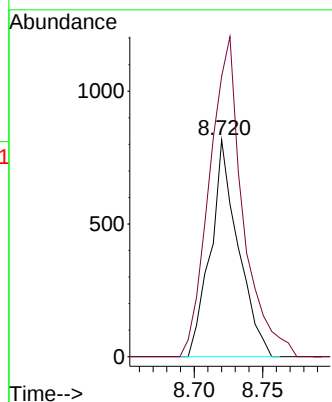
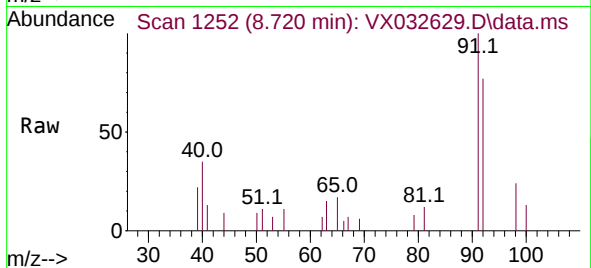




#52
Toluene
Concen: 0.352 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032629.D
Acq: 07 Nov 2022 16:01

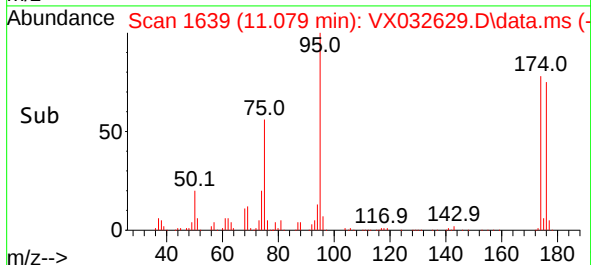
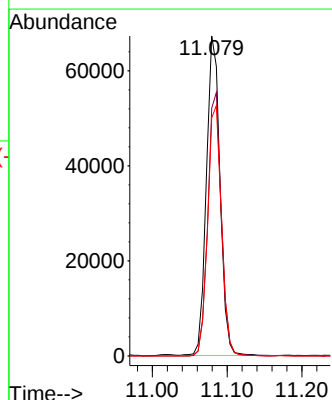
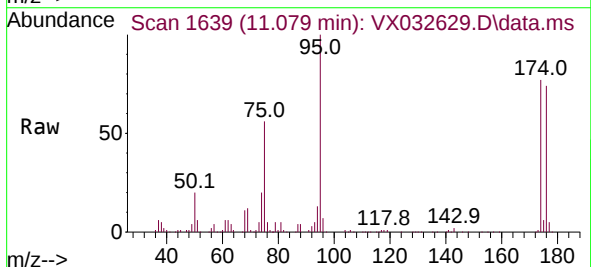
Instrument :
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ClientSampleId :
GES-2

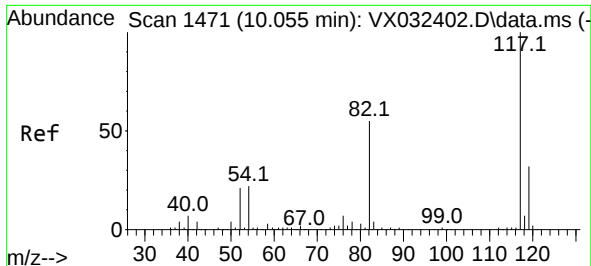
Tgt Ion: 92 Resp: 1144
Ion Ratio Lower Upper
92 100
91 178.8 138.3 207.5



#62
4-Bromofluorobenzene
Concen: 49.625 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032629.D
Acq: 07 Nov 2022 16:01

Tgt Ion: 95 Resp: 85172
Ion Ratio Lower Upper
95 100
174 82.2 0.0 164.0
176 79.3 0.0 154.4

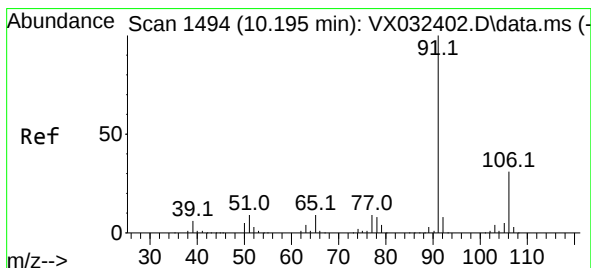
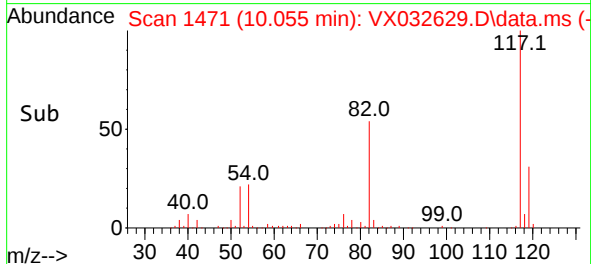
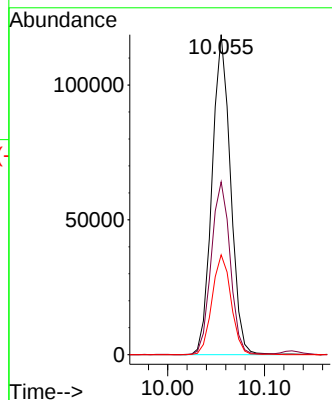
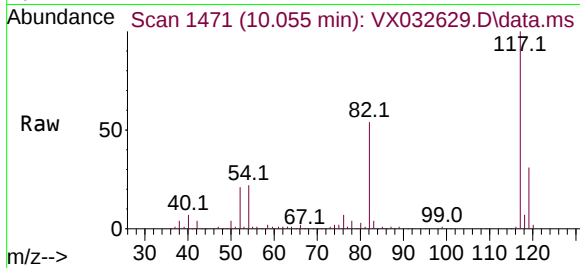




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032629.D
Acq: 07 Nov 2022 16:01

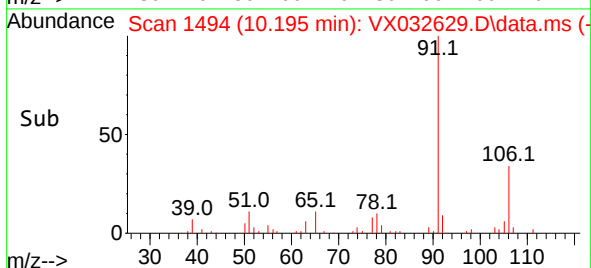
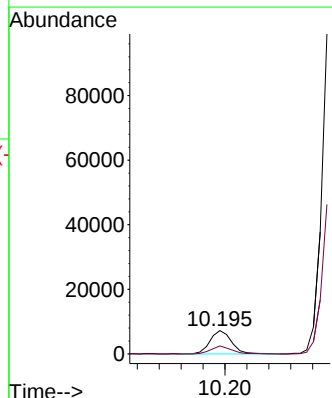
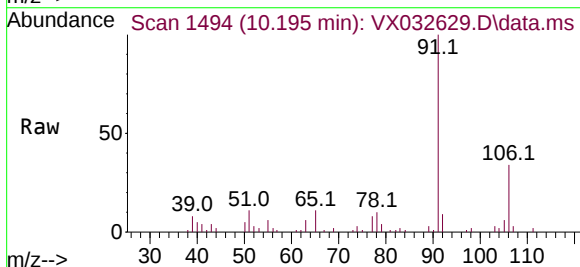
Instrument :
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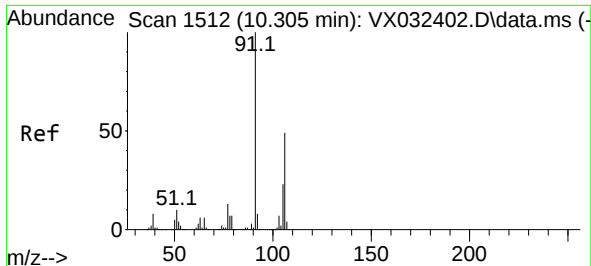
Tgt Ion:117 Resp: 157602
Ion Ratio Lower Upper
117 100
82 54.0 44.3 66.5
119 31.2 25.7 38.5



#67
Ethyl Benzene
Concen: 1.552 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032629.D
Acq: 07 Nov 2022 16:01

Tgt Ion: 91 Resp: 9798
Ion Ratio Lower Upper
91 100
106 33.8 25.0 37.6

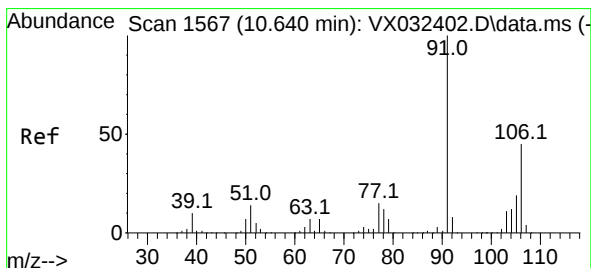
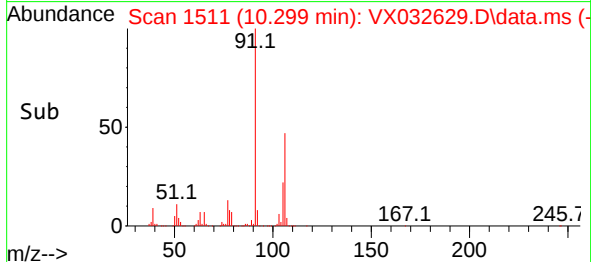
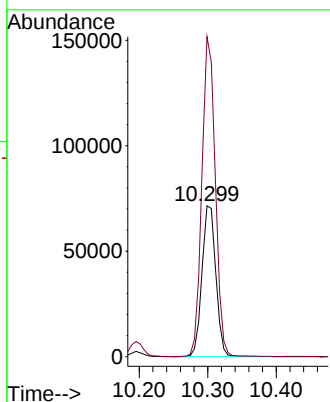
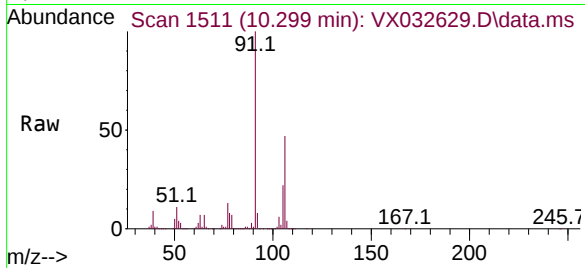




#68
m/p-Xylenes
Concen: 40.693 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032629.D
Acq: 07 Nov 2022 16:01

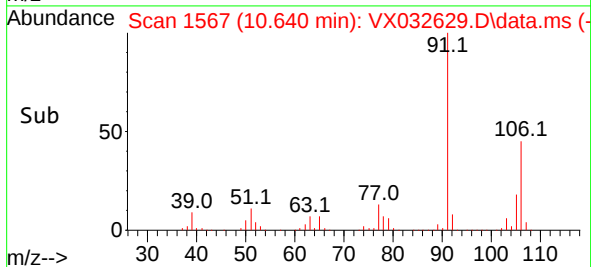
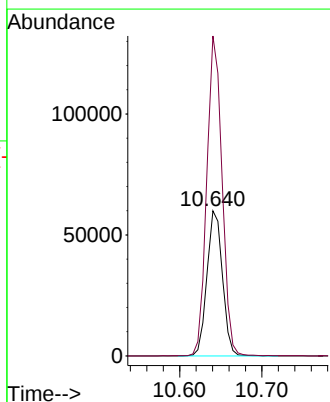
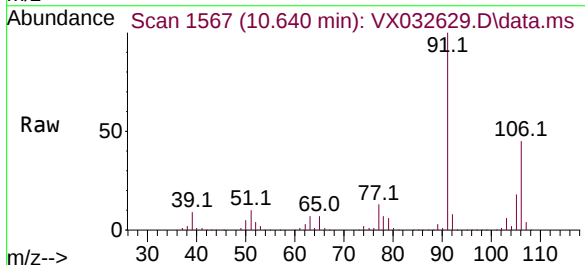
Instrument :
MSVOA_X
ClientSampleId :
GES-2

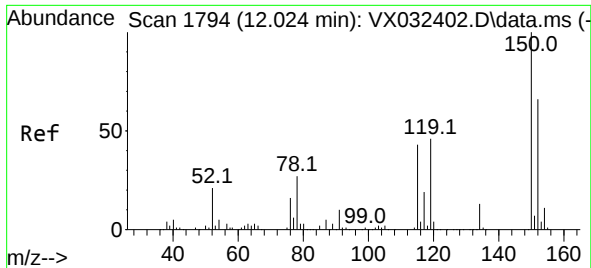
Tgt Ion:106 Resp: 99756
Ion Ratio Lower Upper
106 100
91 206.7 164.5 246.7



#69
o-Xylene
Concen: 32.902 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032629.D
Acq: 07 Nov 2022 16:01

Tgt Ion:106 Resp: 78421
Ion Ratio Lower Upper
106 100
91 217.3 109.2 327.6

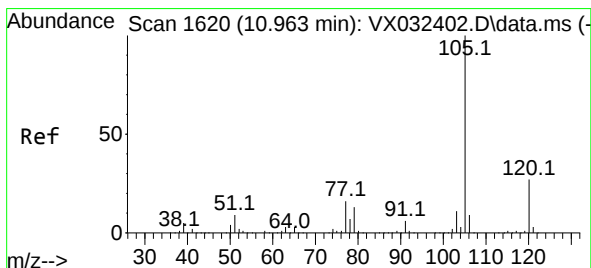
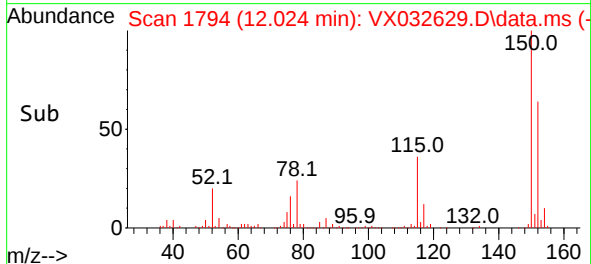
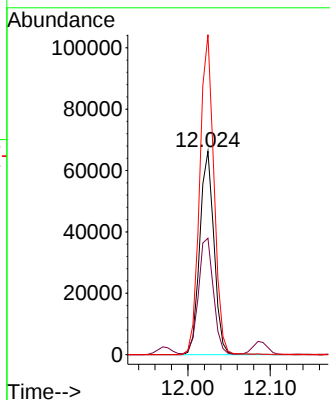
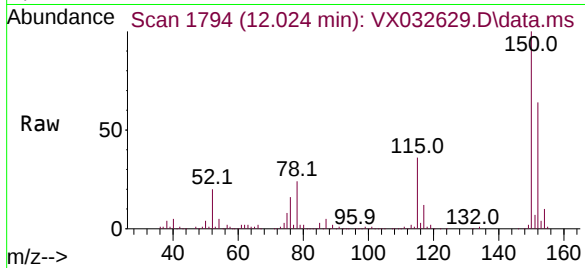




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032629.D
Acq: 07 Nov 2022 16:01

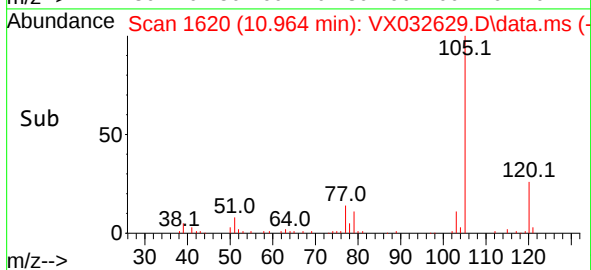
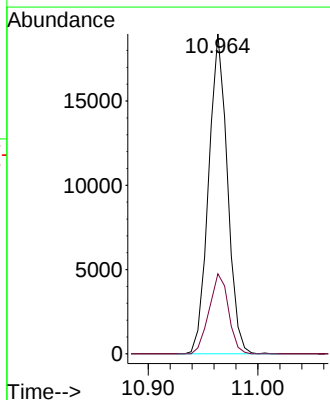
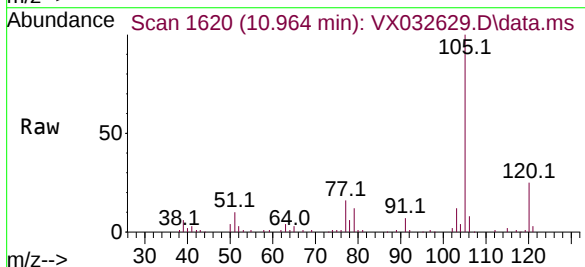
Instrument :
MSVOA_X
ClientSampleId :
GES-2

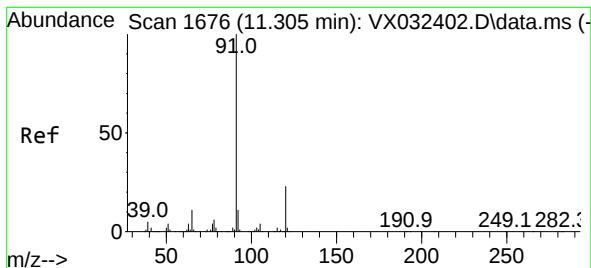
Tgt Ion:152 Resp: 79588
Ion Ratio Lower Upper
152 100
115 60.3 44.0 132.0
150 157.1 0.0 351.8



#73
Isopropylbenzene
Concen: 3.588 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032629.D
Acq: 07 Nov 2022 16:01

Tgt Ion:105 Resp: 22627
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.3

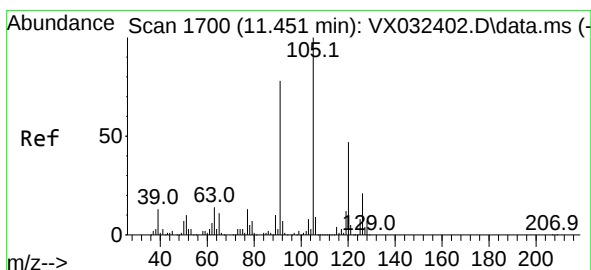
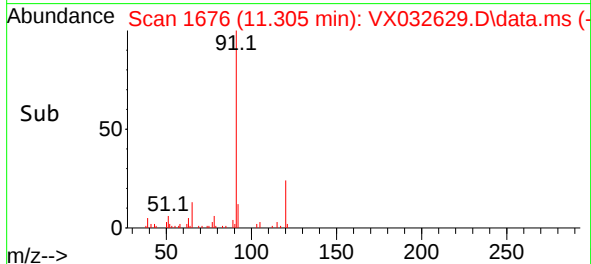
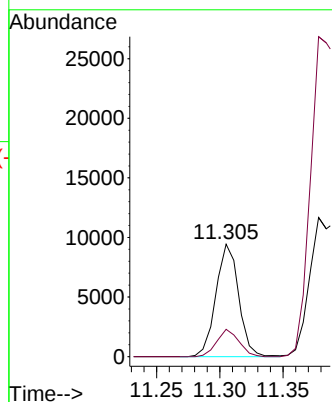
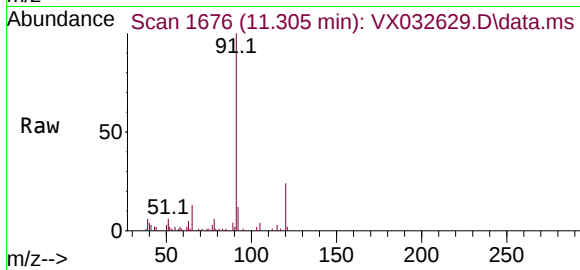




#78
n-propylbenzene
Concen: 1.627 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX032629.D
Acq: 07 Nov 2022 16:01

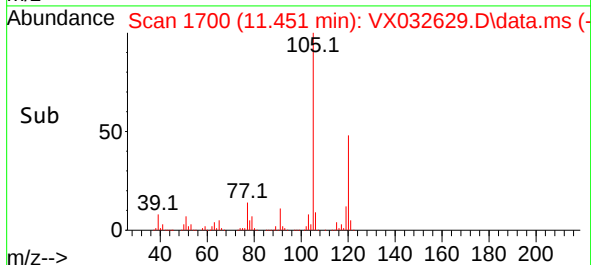
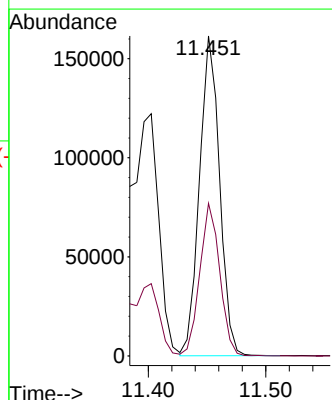
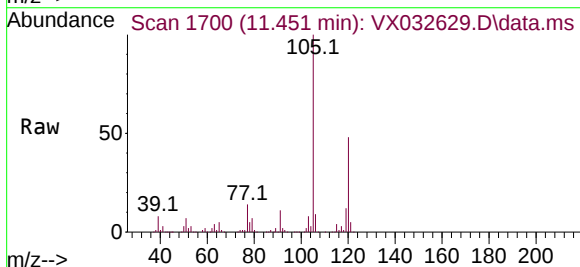
Instrument :
MSVOA_X
ClientSampleId :
GES-2

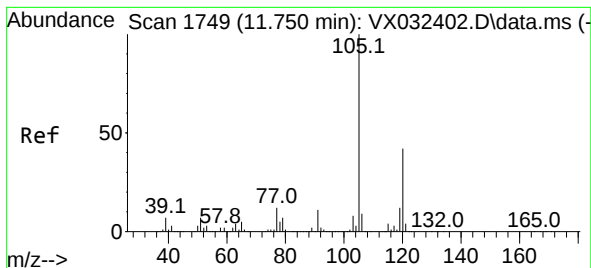
Tgt Ion: 91 Resp: 11823
Ion Ratio Lower Upper
91 100
120 23.6 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 35.566 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032629.D
Acq: 07 Nov 2022 16:01

Tgt Ion: 105 Resp: 191702
Ion Ratio Lower Upper
105 100
120 47.4 23.6 71.0





#84

1,2,4-Trimethylbenzene

Concen: 89.322 ug/l

RT: 11.750 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX032629.D

Acq: 07 Nov 2022 16:01

Instrument :

MSVOA_X

ClientSampleId :

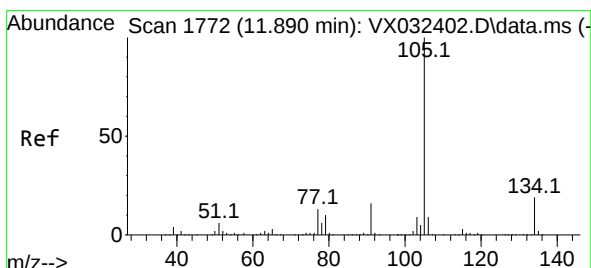
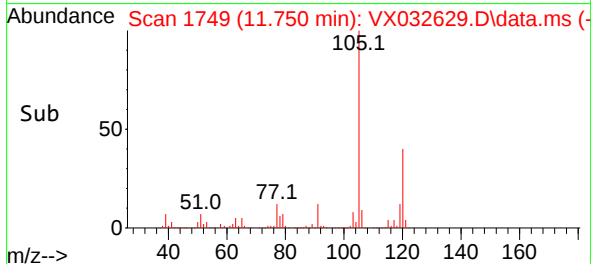
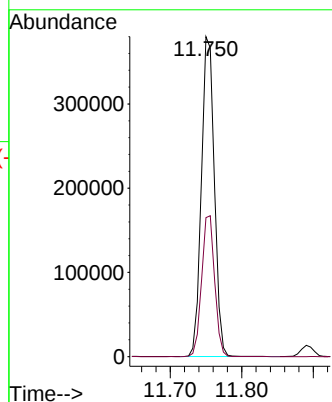
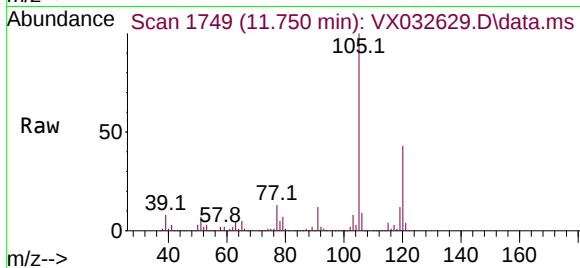
GES-2

Tgt Ion:105 Resp: 478855

Ion Ratio Lower Upper

105 100

120 44.2 21.9 65.5



#85

sec-Butylbenzene

Concen: 2.548 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX032629.D

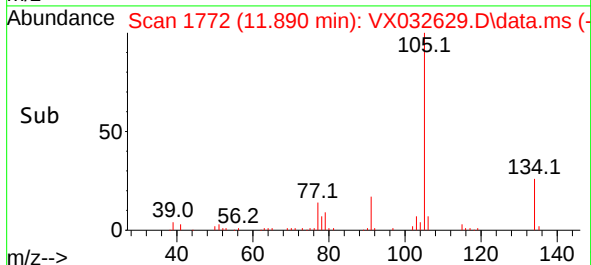
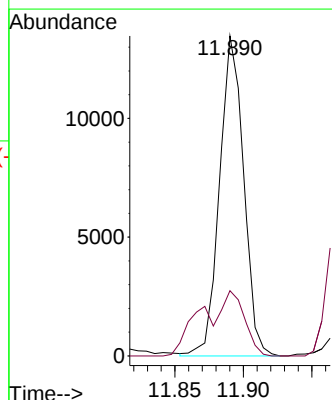
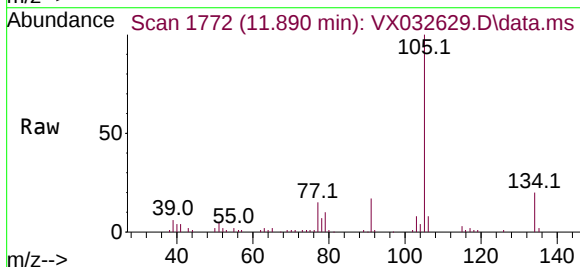
Acq: 07 Nov 2022 16:01

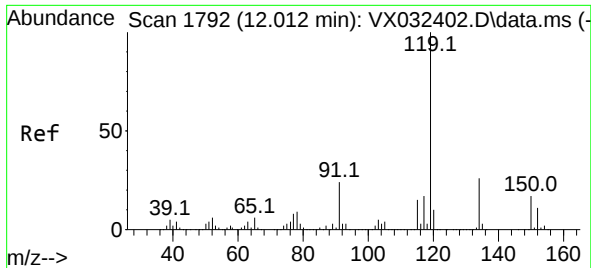
Tgt Ion:105 Resp: 16497

Ion Ratio Lower Upper

105 100

134 19.7 9.9 29.7

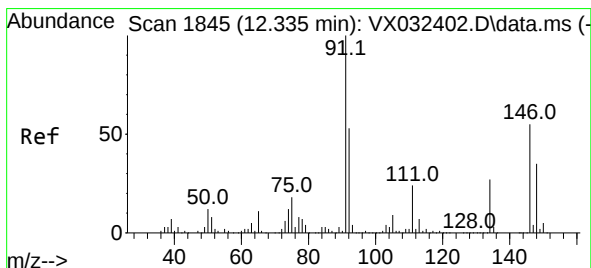
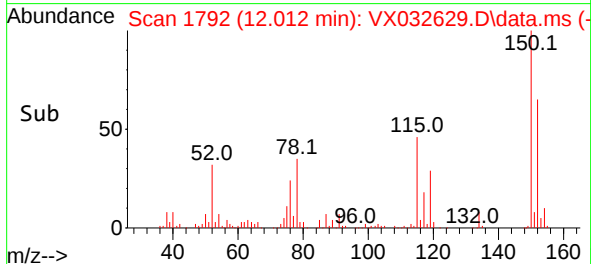
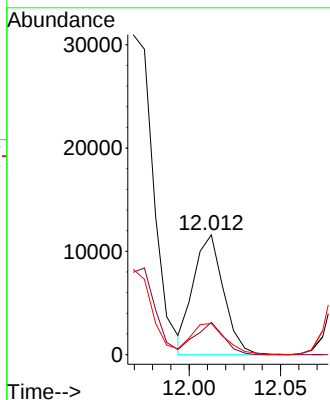
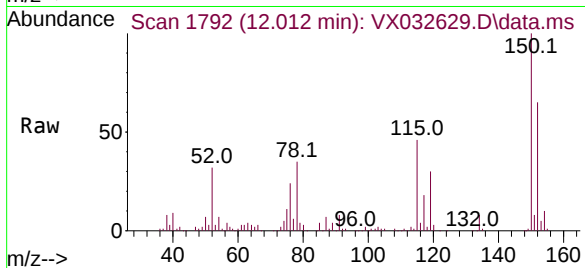




#86
p-Isopropyltoluene
Concen: 2.428 ug/l
RT: 12.012 min Scan# 119
Delta R.T. 0.000 min
Lab File: VX032629.D
Acq: 07 Nov 2022 16:01

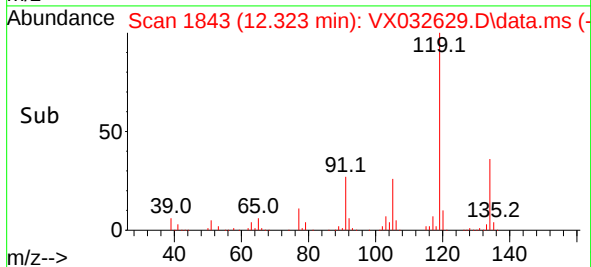
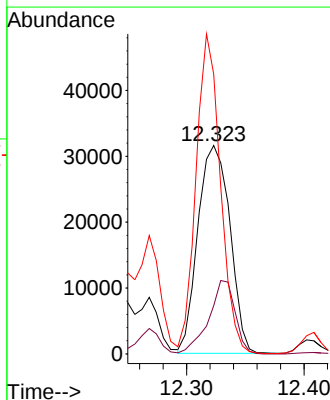
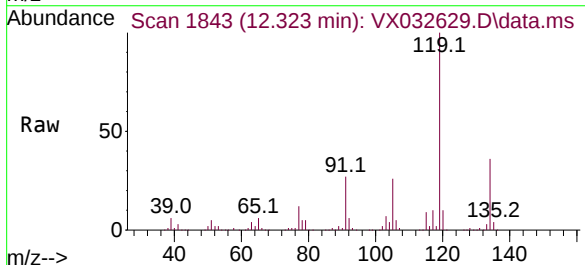
Instrument :
MSVOA_X
ClientSampleId :
GES-2

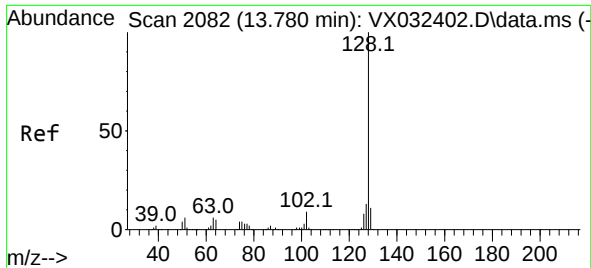
Tgt Ion:119 Resp: 13340
Ion Ratio Lower Upper
119 100
134 25.6 12.9 38.7
91 29.4 12.5 37.5



#89
n-Butylbenzene
Concen: 12.499 ug/l
RT: 12.323 min Scan# 1843
Delta R.T. -0.012 min
Lab File: VX032629.D
Acq: 07 Nov 2022 16:01

Tgt Ion: 91 Resp: 59746
Ion Ratio Lower Upper
91 100
92 29.1 26.2 78.6
134 117.0 12.9 38.6#





#95

Naphthalene

Concen: 10.788 ug/l

RT: 13.774 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX032629.D

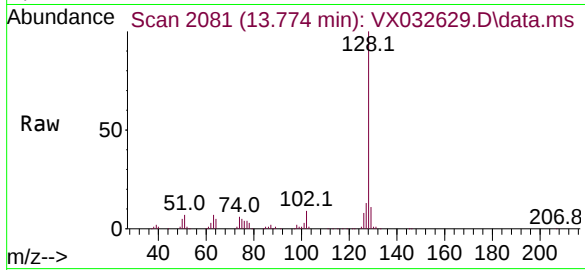
Acq: 07 Nov 2022 16:01

Instrument :

MSVOA_X

ClientSampleId :

GES-2



Tgt Ion:128 Resp: 67403

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.4

129 12.4 8.9 13.3

