

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110722\
 Data File : VX032628.D
 Acq On : 07 Nov 2022 15:38
 Operator : JC/MD
 Sample : N5484-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GES-1

Quant Time: Nov 08 03:13:57 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	102721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	173425	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	155549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80711	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71718	50.248	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.500%
35) Dibromofluoromethane	5.385	113	56884	45.983	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.960%
50) Toluene-d8	8.653	98	211396	49.144	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.280%
62) 4-Bromofluorobenzene	11.079	95	86412	51.427	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.860%

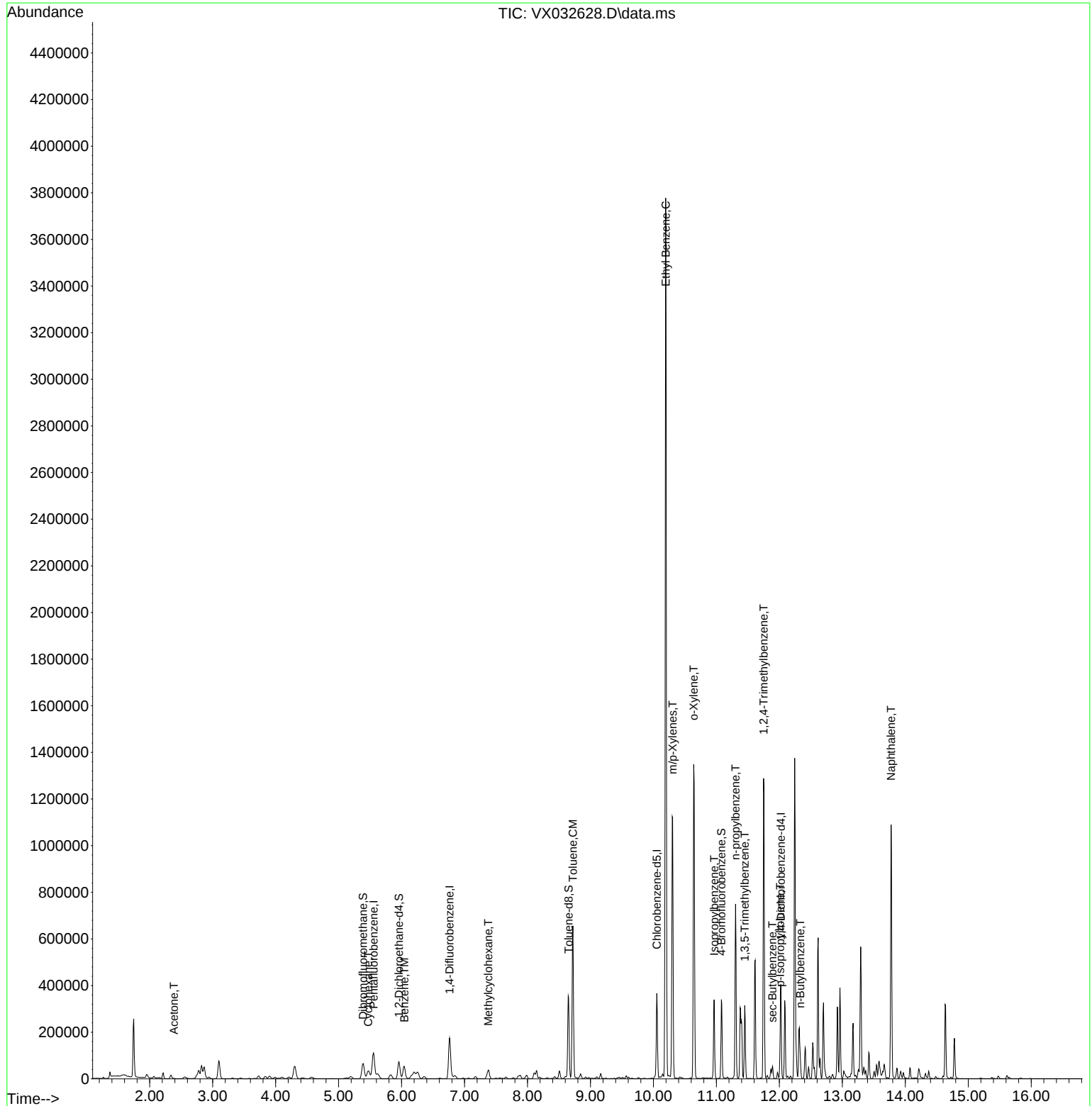
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.386	43	1633	3.148	ug/l #	86
31) Cyclohexane	5.471	56	22783	13.165	ug/l	88
39) Methylcyclohexane	7.379	83	15401	7.556	ug/l	89
40) Benzene	6.044	78	64177	13.165	ug/l	100
52) Toluene	8.720	92	233765	73.500	ug/l	99
67) Ethyl Benzene	10.195	91	2016149	323.574	ug/l	99
68) m/p-Xylenes	10.305	106	260999	107.873	ug/l	99
69) o-Xylene	10.640	106	283805	120.644	ug/l	99
73) Isopropylbenzene	10.963	105	166339	26.008	ug/l	100
78) n-propylbenzene	11.305	91	436535	59.242	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	129221	23.640	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	561771	103.331	ug/l	99
85) sec-Butylbenzene	11.890	105	26796	4.081	ug/l	98
86) p-Isopropyltoluene	12.012	119	12520	2.247	ug/l	95
89) n-Butylbenzene	12.329	91	45262	9.337	ug/l #	51
95) Naphthalene	13.774	128	643687	101.588	ug/l	100

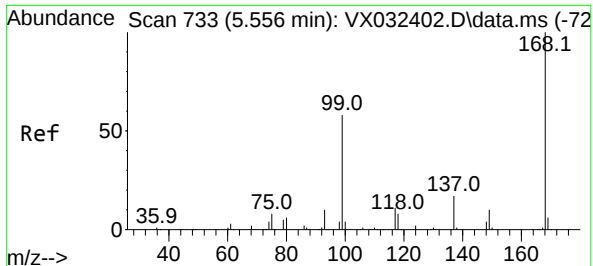
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110722\
Data File : VX032628.D
Acq On : 07 Nov 2022 15:38
Operator : JC/MD
Sample : N5484-19
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GES-1

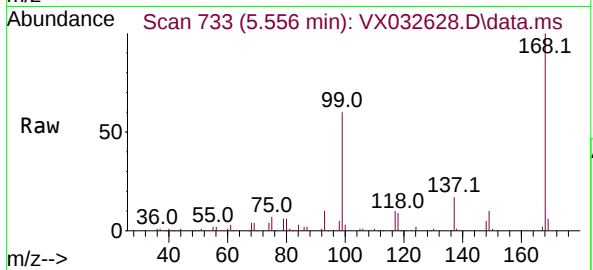
Quant Time: Nov 08 03:13:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration



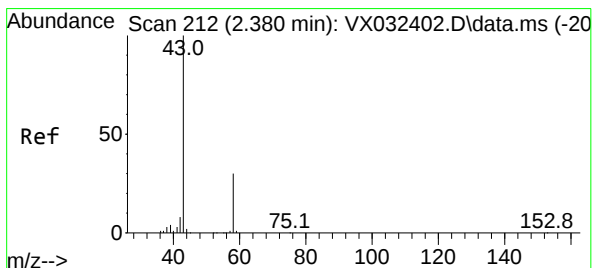
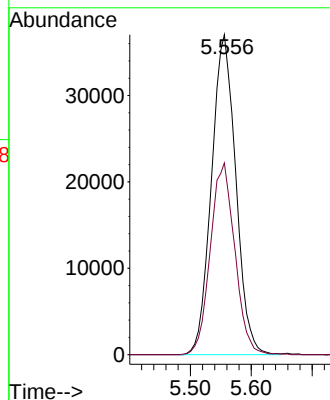
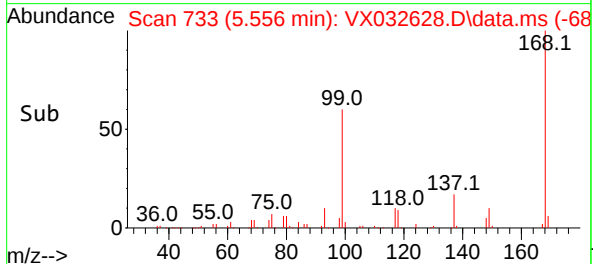


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032628.D
Acq: 07 Nov 2022 15:38

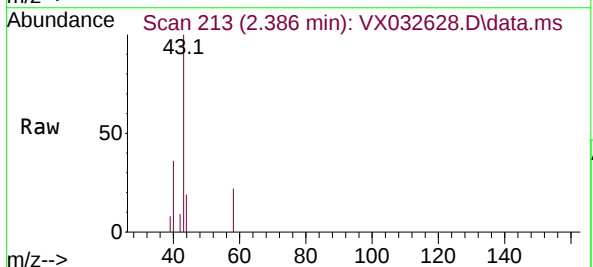
Instrument :
MSVOA_X
ClientSampleId :
GES-1



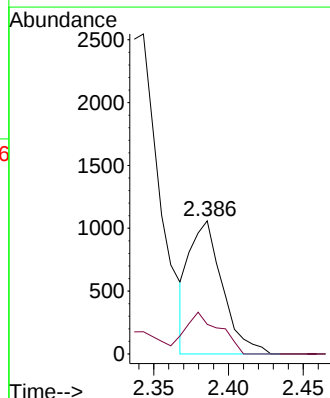
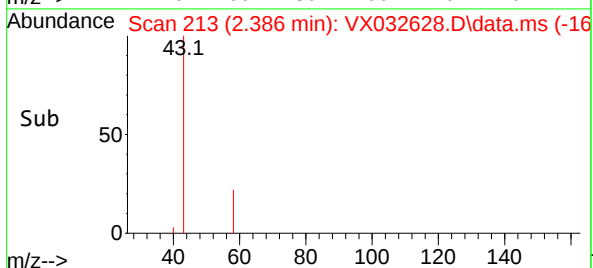
Tgt Ion:168 Resp: 102721
Ion Ratio Lower Upper
168 100
99 59.9 46.1 69.1

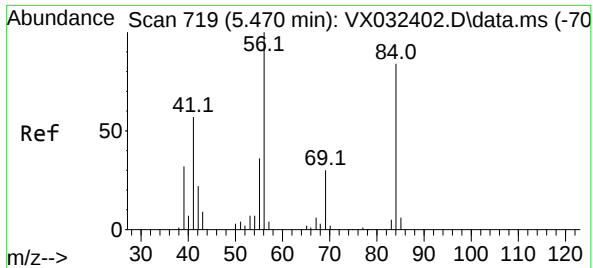


#16
Acetone
Concen: 3.148 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032628.D
Acq: 07 Nov 2022 15:38



Tgt Ion: 43 Resp: 1633
Ion Ratio Lower Upper
43 100
58 22.2 23.8 35.8#

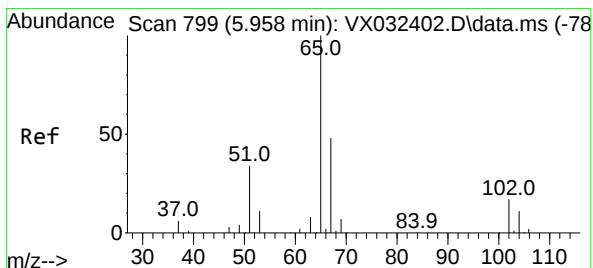
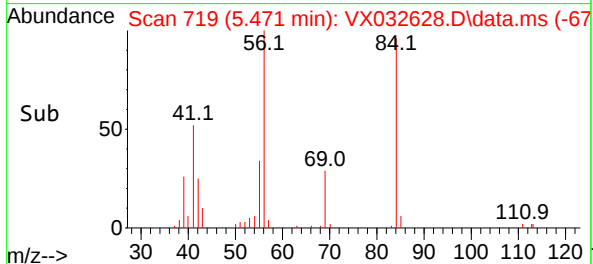
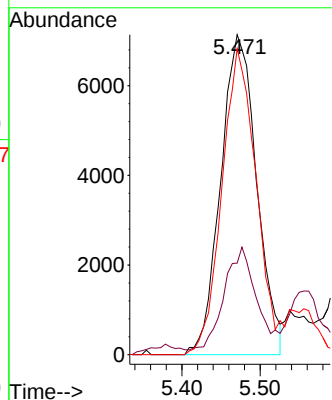
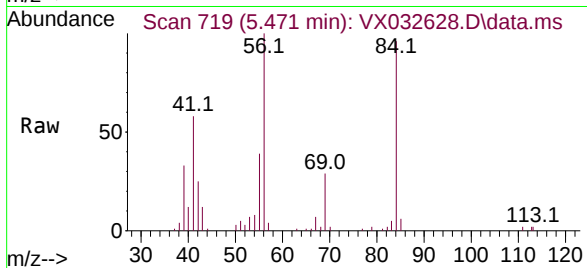




#31
Cyclohexane
Concen: 13.165 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX032628.D
Acq: 07 Nov 2022 15:38

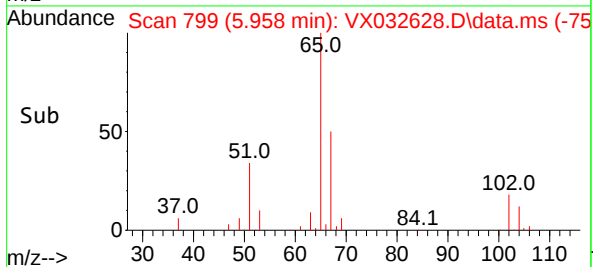
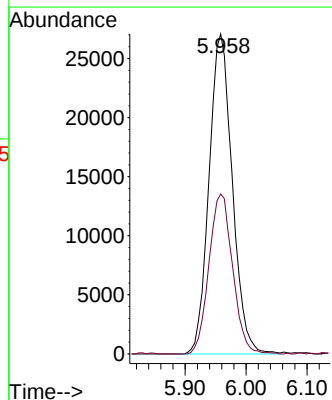
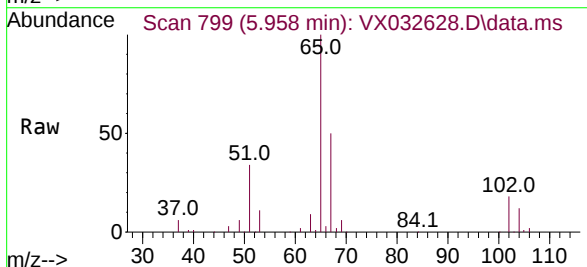
Instrument :
MSVOA_X
ClientSampleId :
GES-1

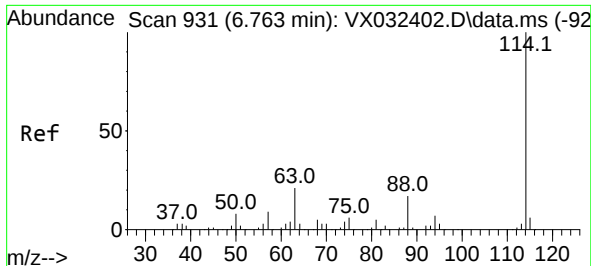
Tgt Ion: 56 Resp: 22783
Ion Ratio Lower Upper
56 100
69 26.5 24.1 36.1
84 95.6 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 50.248 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032628.D
Acq: 07 Nov 2022 15:38

Tgt Ion: 65 Resp: 71718
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.8

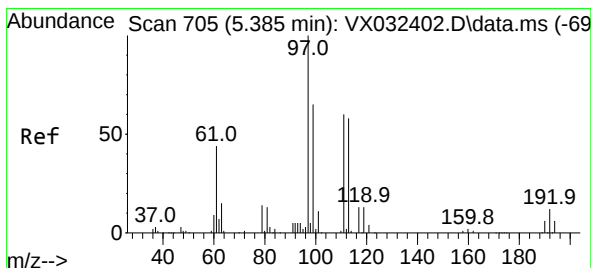
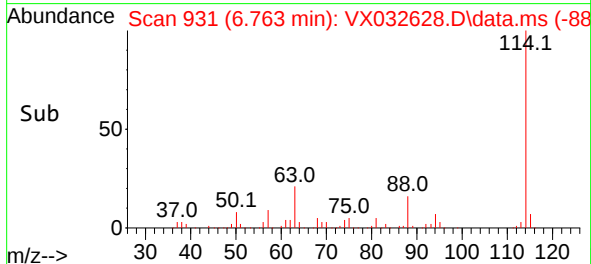
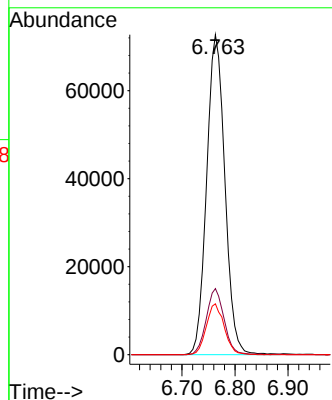
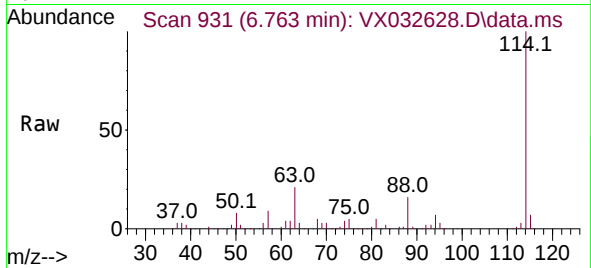




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX032628.D
Acq: 07 Nov 2022 15:38

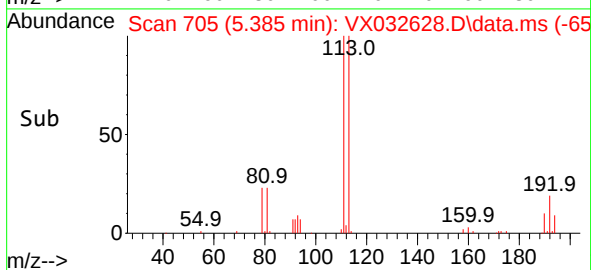
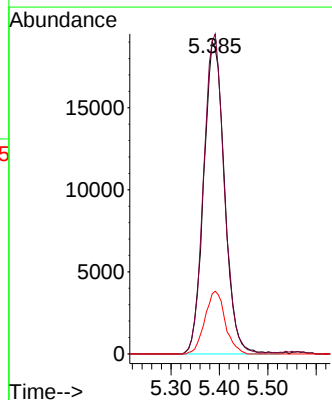
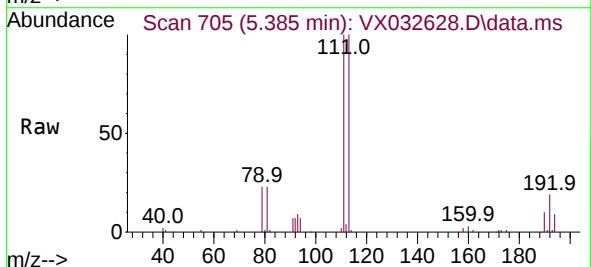
Instrument :
MSVOA_X
ClientSampleId :
GES-1

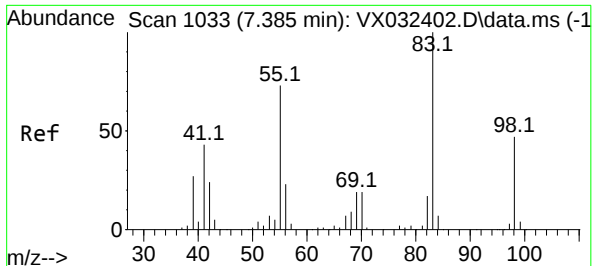
Tgt Ion:114 Resp: 173425
Ion Ratio Lower Upper
114 100
63 20.6 0.0 41.6
88 15.9 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.983 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032628.D
Acq: 07 Nov 2022 15:38

Tgt Ion:113 Resp: 56884
Ion Ratio Lower Upper
113 100
111 101.1 82.4 123.6
192 19.5 15.4 23.2





#39

Methylcyclohexane

Concen: 7.556 ug/l

RT: 7.379 min Scan# 10

Delta R.T. -0.006 min

Lab File: VX032628.D

Acq: 07 Nov 2022 15:38

Instrument :

MSVOA_X

ClientSampleId :

GES-1

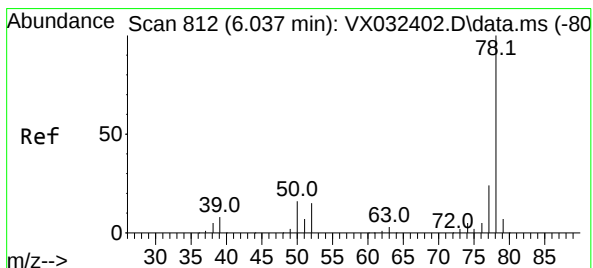
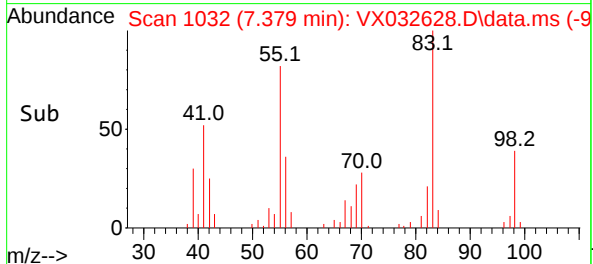
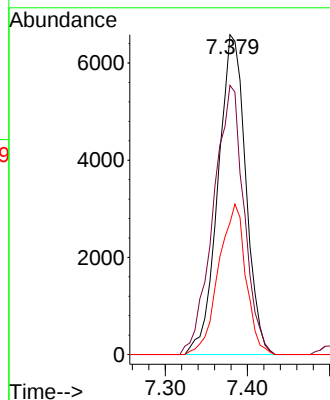
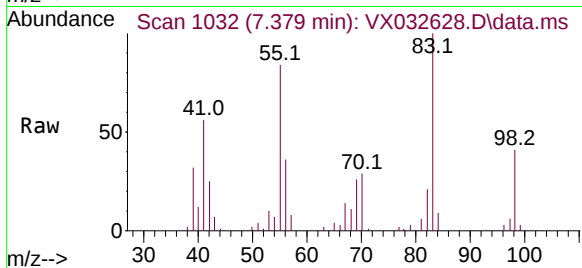
Tgt Ion: 83 Resp: 15401

Ion Ratio Lower Upper

83 100

55 84.1 58.4 87.6

98 41.2 37.2 55.8



#40

Benzene

Concen: 13.165 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX032628.D

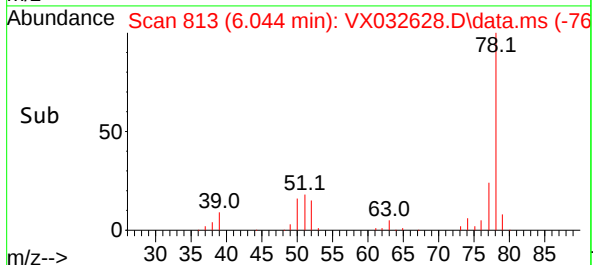
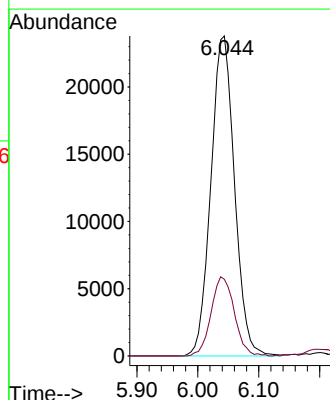
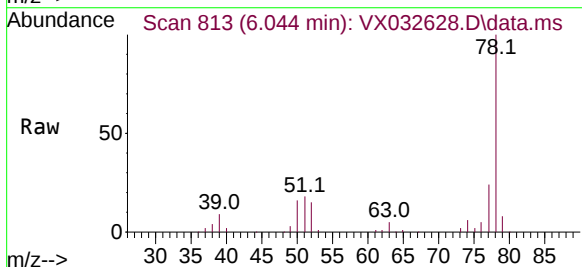
Acq: 07 Nov 2022 15:38

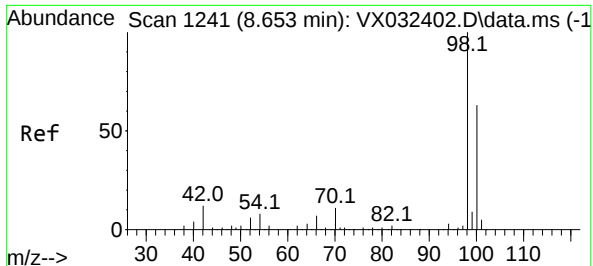
Tgt Ion: 78 Resp: 64177

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.4

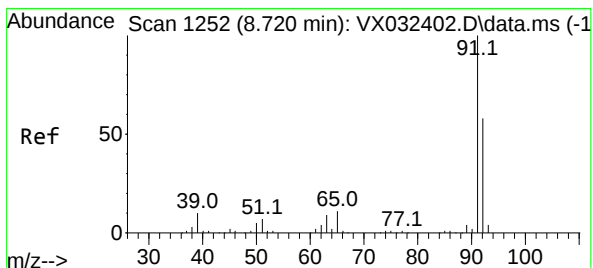
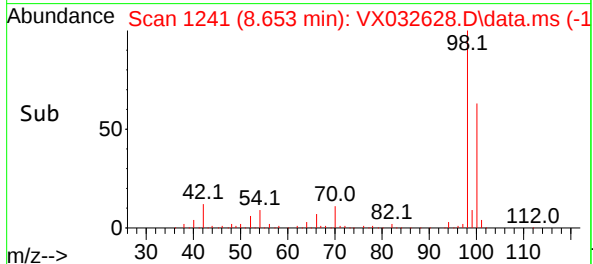
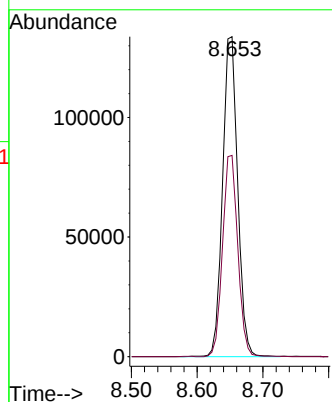
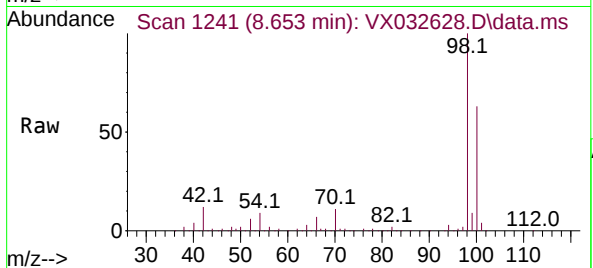




#50
Toluene-d8
Concen: 49.144 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032628.D
Acq: 07 Nov 2022 15:38

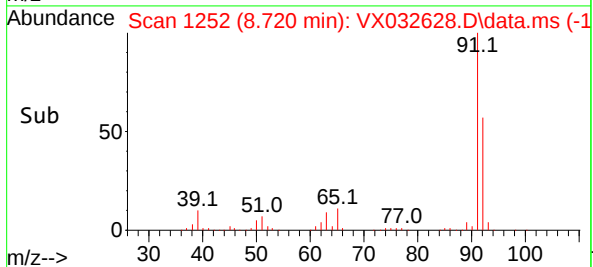
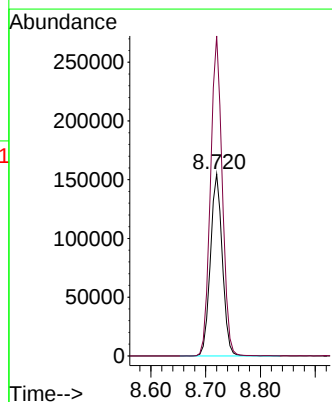
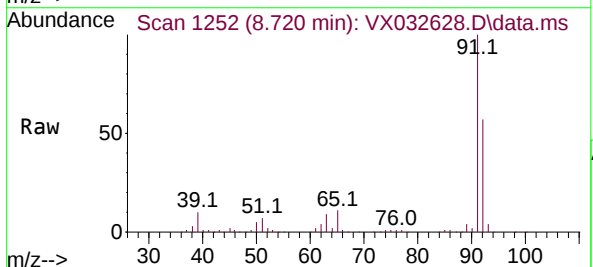
Instrument :
MSVOA_X
ClientSampleId :
GES-1

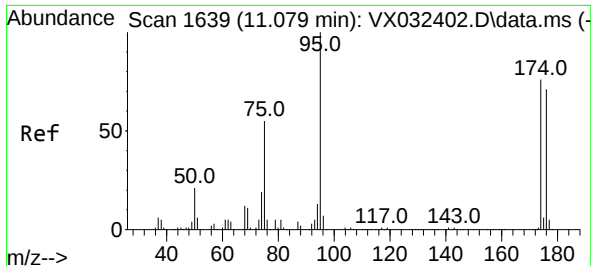
Tgt Ion: 98 Resp: 211396
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



#52
Toluene
Concen: 73.500 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032628.D
Acq: 07 Nov 2022 15:38

Tgt Ion: 92 Resp: 233765
Ion Ratio Lower Upper
92 100
91 174.0 138.3 207.5

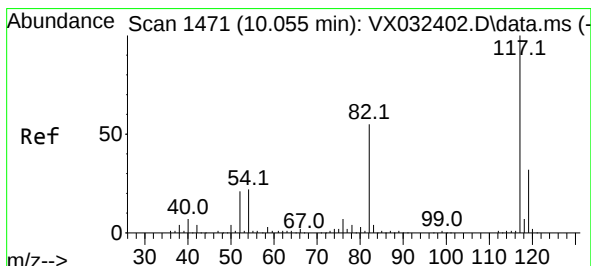
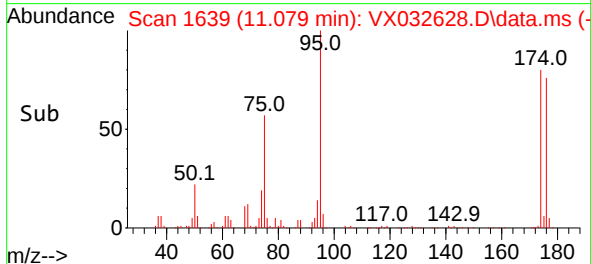
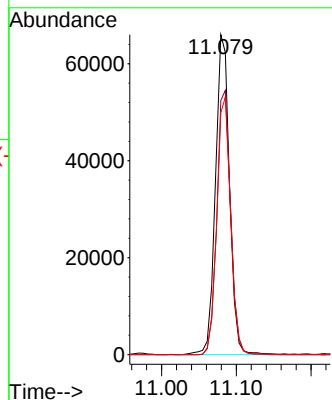
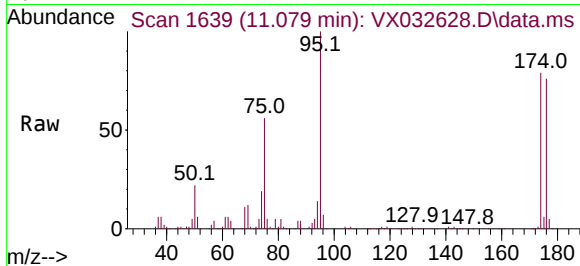




#62
4-Bromofluorobenzene
Concen: 51.427 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032628.D
Acq: 07 Nov 2022 15:38

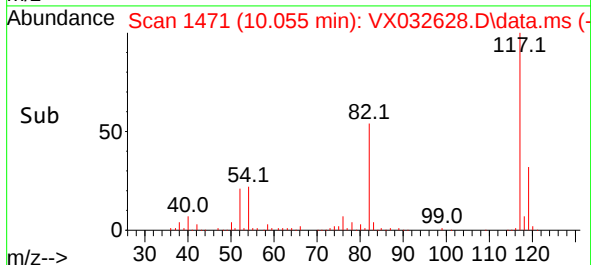
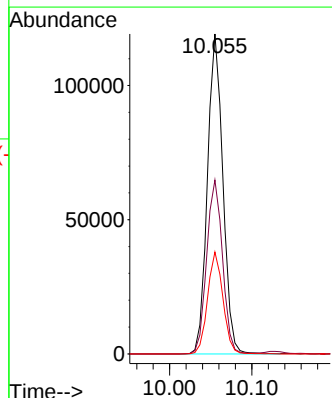
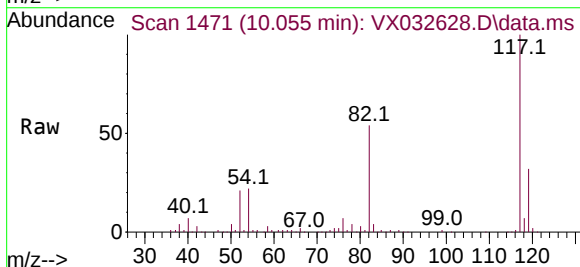
Instrument :
MSVOA_X
ClientSampleId :
GES-1

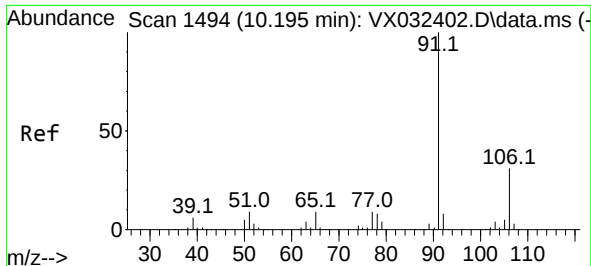
Tgt Ion: 95 Resp: 86412
Ion Ratio Lower Upper
95 100
174 81.1 0.0 164.0
176 79.1 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032628.D
Acq: 07 Nov 2022 15:38

Tgt Ion: 117 Resp: 155549
Ion Ratio Lower Upper
117 100
82 54.4 44.3 66.5
119 31.8 25.7 38.5

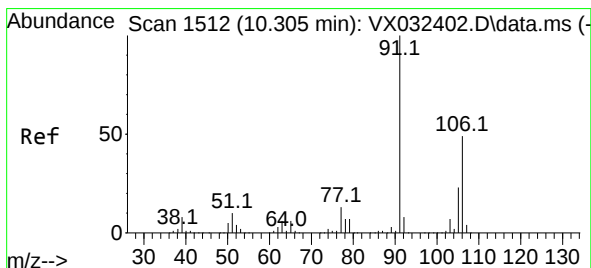
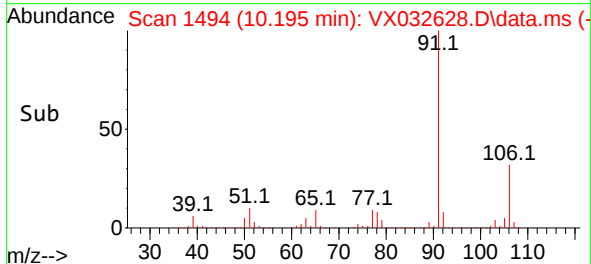
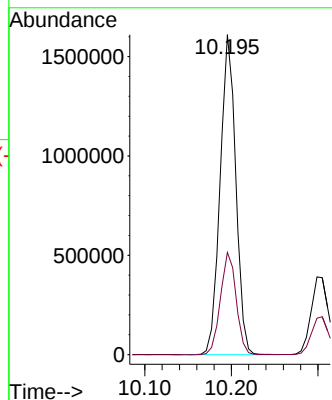
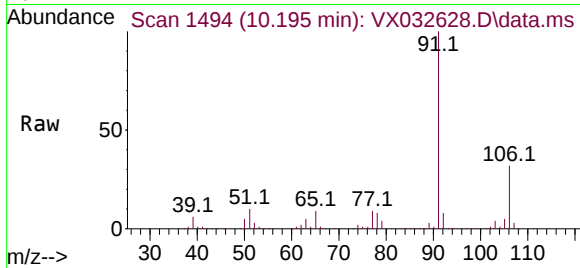




#67
Ethyl Benzene
Concen: 323.574 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032628.D
Acq: 07 Nov 2022 15:38

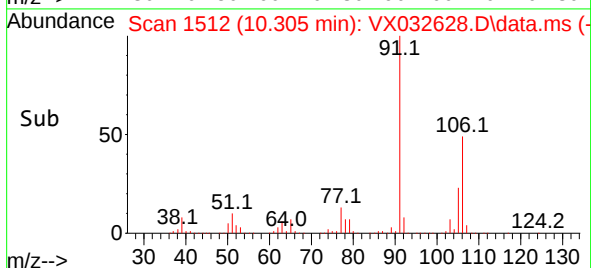
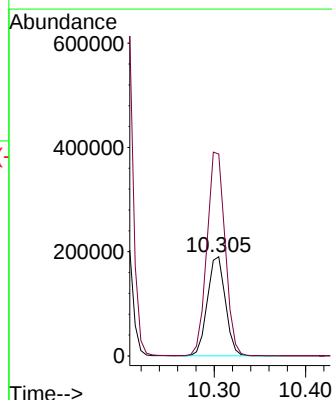
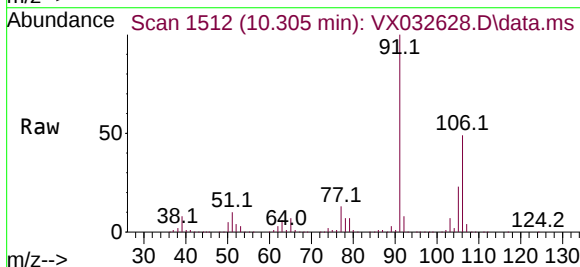
Instrument :
MSVOA_X
ClientSampleId :
GES-1

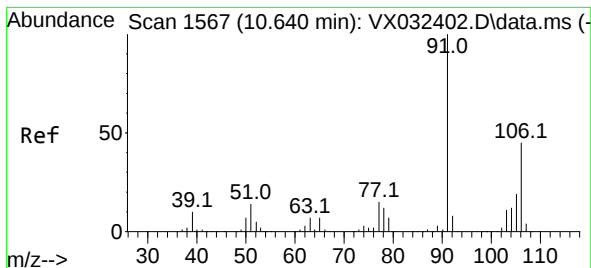
Tgt Ion: 91 Resp: 2016149
Ion Ratio Lower Upper
91 100
106 31.9 25.0 37.6



#68
m/p-Xylenes
Concen: 107.873 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX032628.D
Acq: 07 Nov 2022 15:38

Tgt Ion: 106 Resp: 260999
Ion Ratio Lower Upper
106 100
91 207.6 164.5 246.7

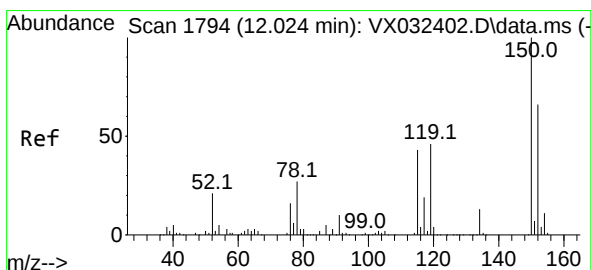
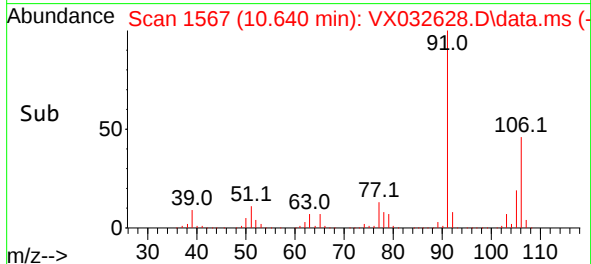
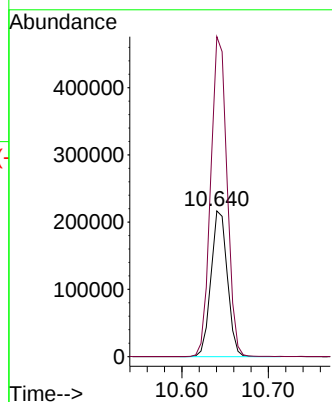
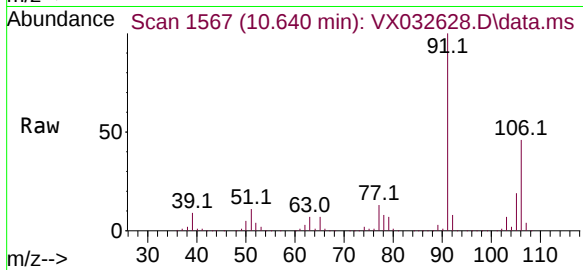




#69
o-Xylene
Concen: 120.644 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032628.D
Acq: 07 Nov 2022 15:38

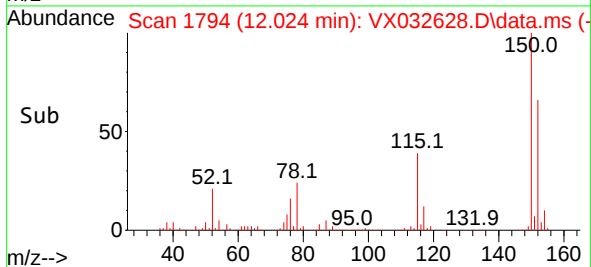
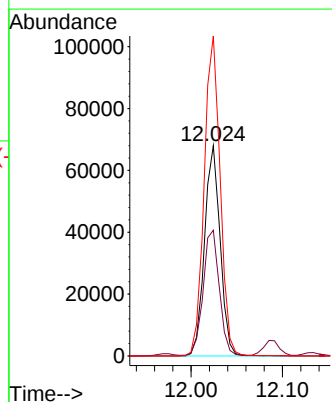
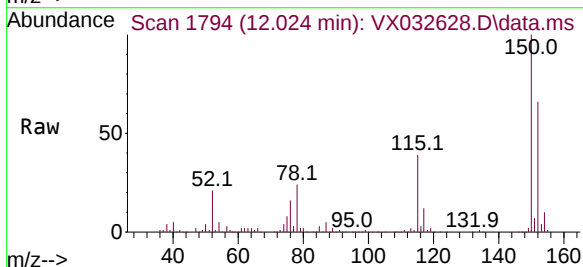
Instrument :
MSVOA_X
ClientSampleId :
GES-1

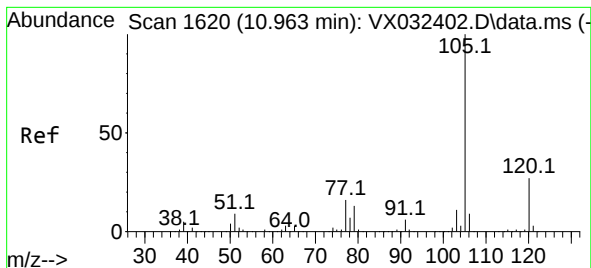
Tgt Ion:106 Resp: 283805
Ion Ratio Lower Upper
106 100
91 219.4 109.2 327.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032628.D
Acq: 07 Nov 2022 15:38

Tgt Ion:152 Resp: 80711
Ion Ratio Lower Upper
152 100
115 61.7 44.0 132.0
150 155.5 0.0 351.8





#73

Isopropylbenzene

Concen: 26.008 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX032628.D

Acq: 07 Nov 2022 15:38

Instrument :

MSVOA_X

ClientSampleId :

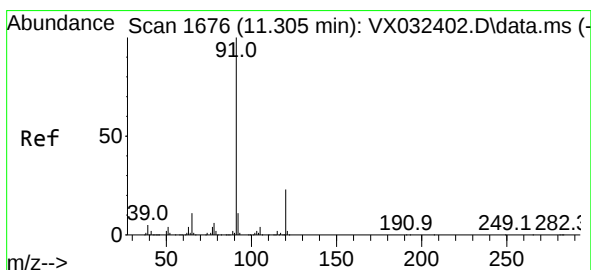
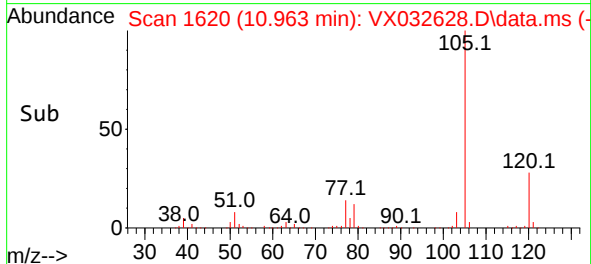
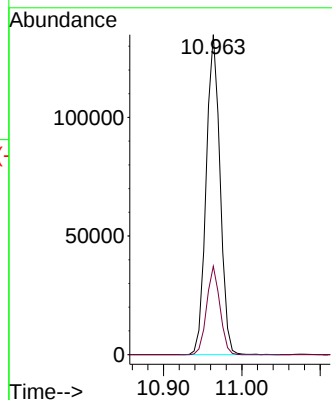
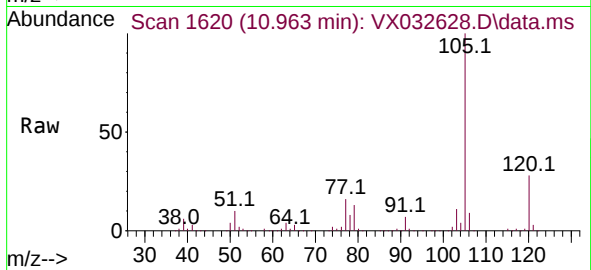
GES-1

Tgt Ion:105 Resp: 166339

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.3



#78

n-propylbenzene

Concen: 59.242 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX032628.D

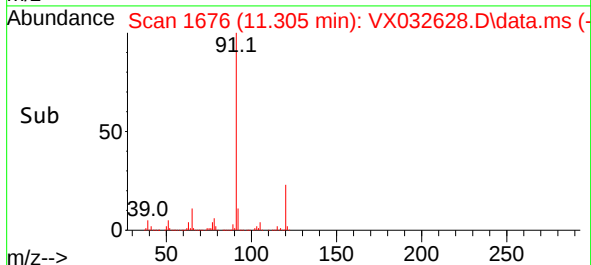
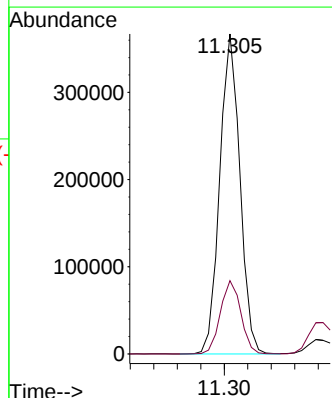
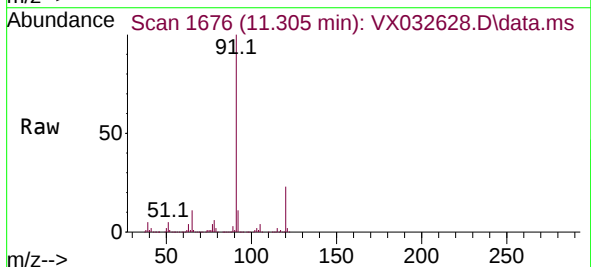
Acq: 07 Nov 2022 15:38

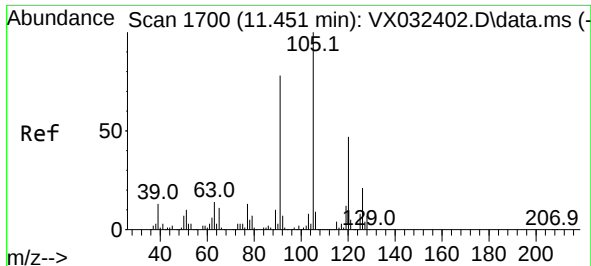
Tgt Ion: 91 Resp: 436535

Ion Ratio Lower Upper

91 100

120 23.2 11.6 34.8

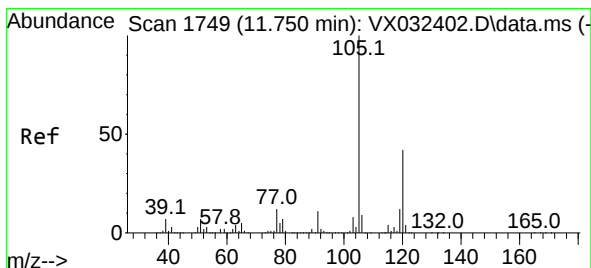
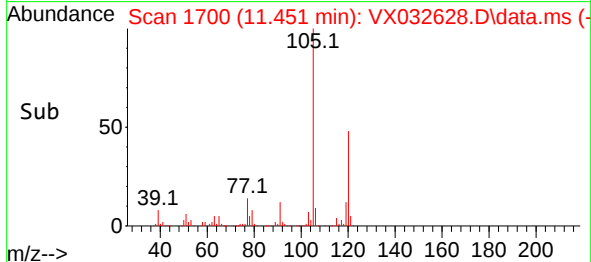
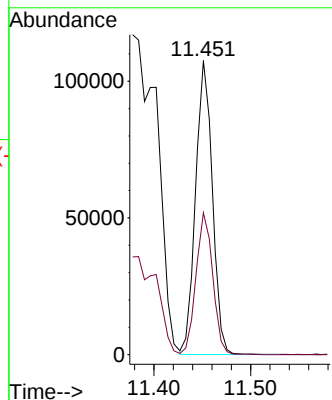
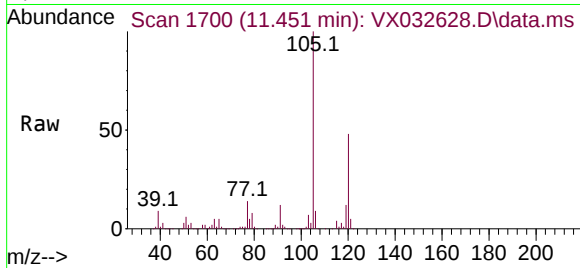




#80
 1,3,5-Trimethylbenzene
 Concen: 23.640 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX032628.D
 Acq: 07 Nov 2022 15:38

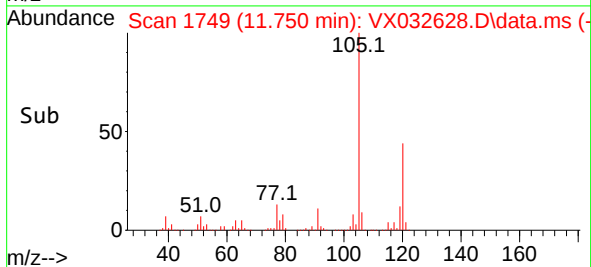
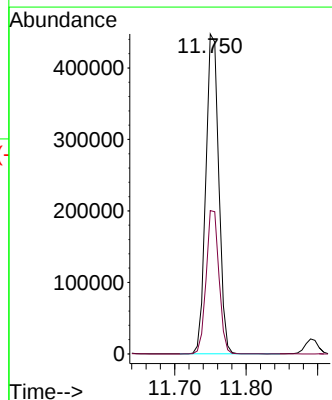
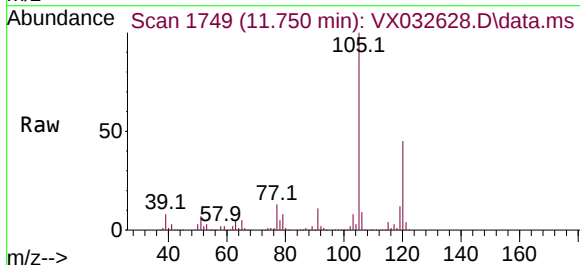
Instrument :
 MSVOA_X
 ClientSampleId :
 GES-1

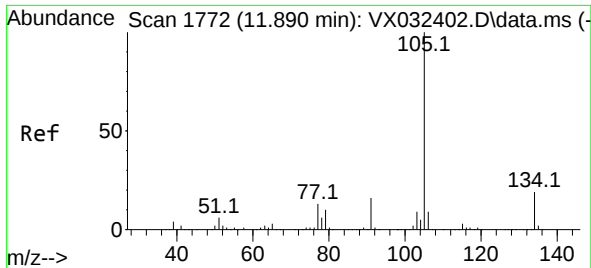
Tgt Ion:105 Resp: 129221
 Ion Ratio Lower Upper
 105 100
 120 48.2 23.6 71.0



#84
 1,2,4-Trimethylbenzene
 Concen: 103.331 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX032628.D
 Acq: 07 Nov 2022 15:38

Tgt Ion:105 Resp: 561771
 Ion Ratio Lower Upper
 105 100
 120 44.4 21.9 65.5

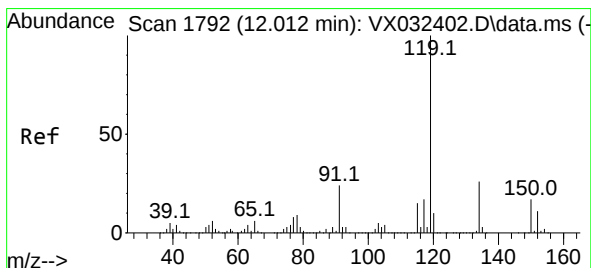
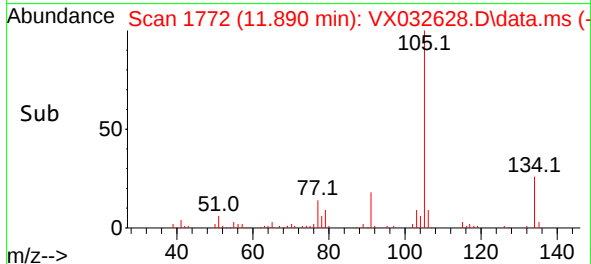
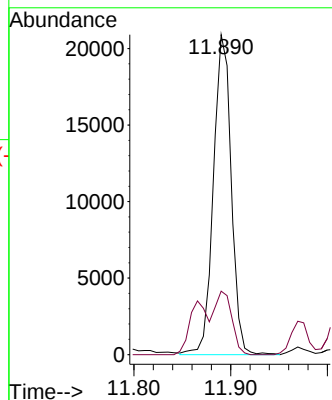
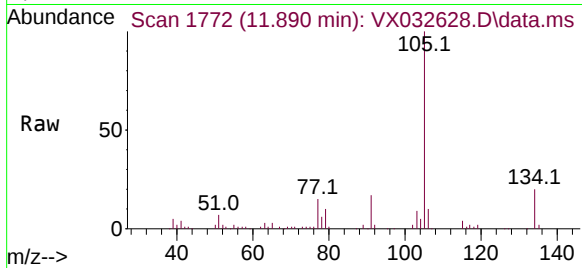




#85
 sec-Butylbenzene
 Concen: 4.081 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032628.D
 Acq: 07 Nov 2022 15:38

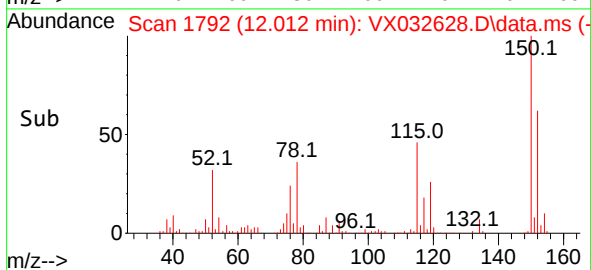
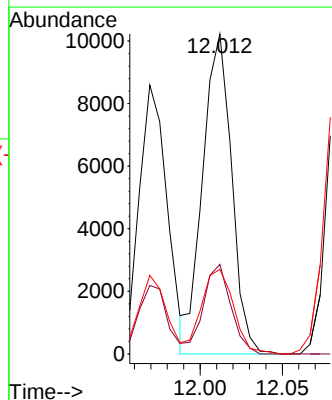
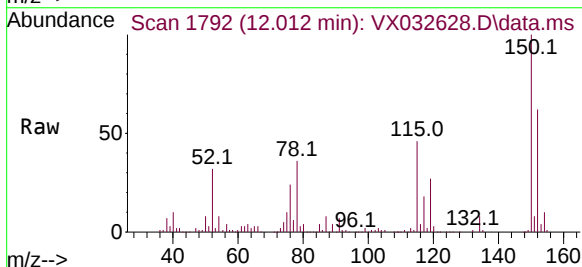
Instrument :
 MSVOA_X
 ClientSampleId :
 GES-1

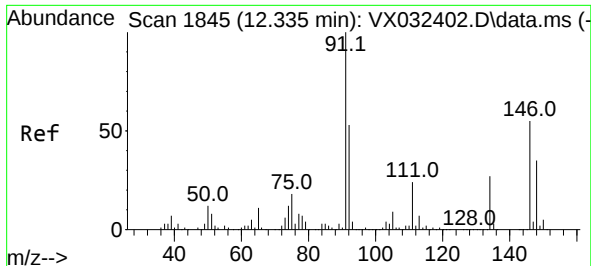
Tgt Ion:105 Resp: 26796
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 2.247 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032628.D
 Acq: 07 Nov 2022 15:38

Tgt Ion:119 Resp: 12520
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.9 38.7
 91 29.5 12.5 37.5

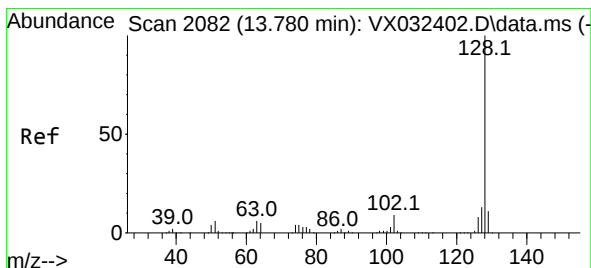
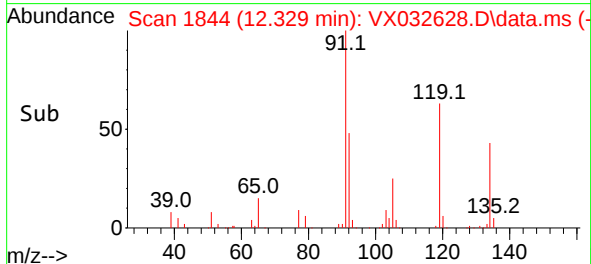
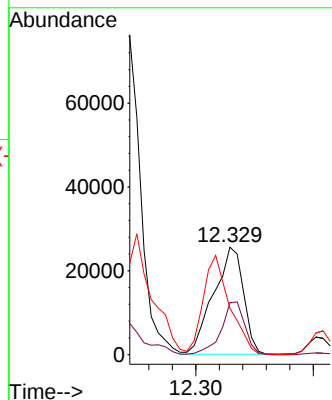
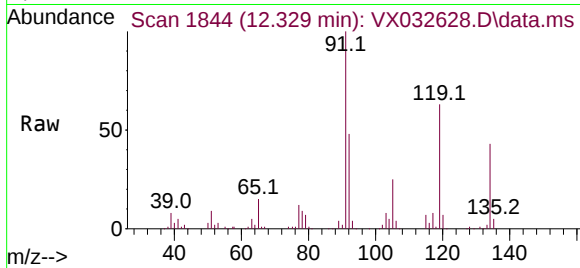




#89
n-Butylbenzene
Concen: 9.337 ug/l
RT: 12.329 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX032628.D
Acq: 07 Nov 2022 15:38

Instrument :
MSVOA_X
ClientSampleId :
GES-1

Tgt Ion: 91 Resp: 45262
Ion Ratio Lower Upper
91 100
92 38.9 26.2 78.6
134 81.9 12.9 38.6#



#95
Naphthalene
Concen: 101.588 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032628.D
Acq: 07 Nov 2022 15:38

Tgt Ion: 128 Resp: 643687
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.2 8.9 13.3

