

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
 Data File : VX032648.D
 Acq On : 08 Nov 2022 12:57
 Operator : JC/MD
 Sample : N5484-19DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GES-1DL

Quant Time: Nov 09 04:37:36 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)

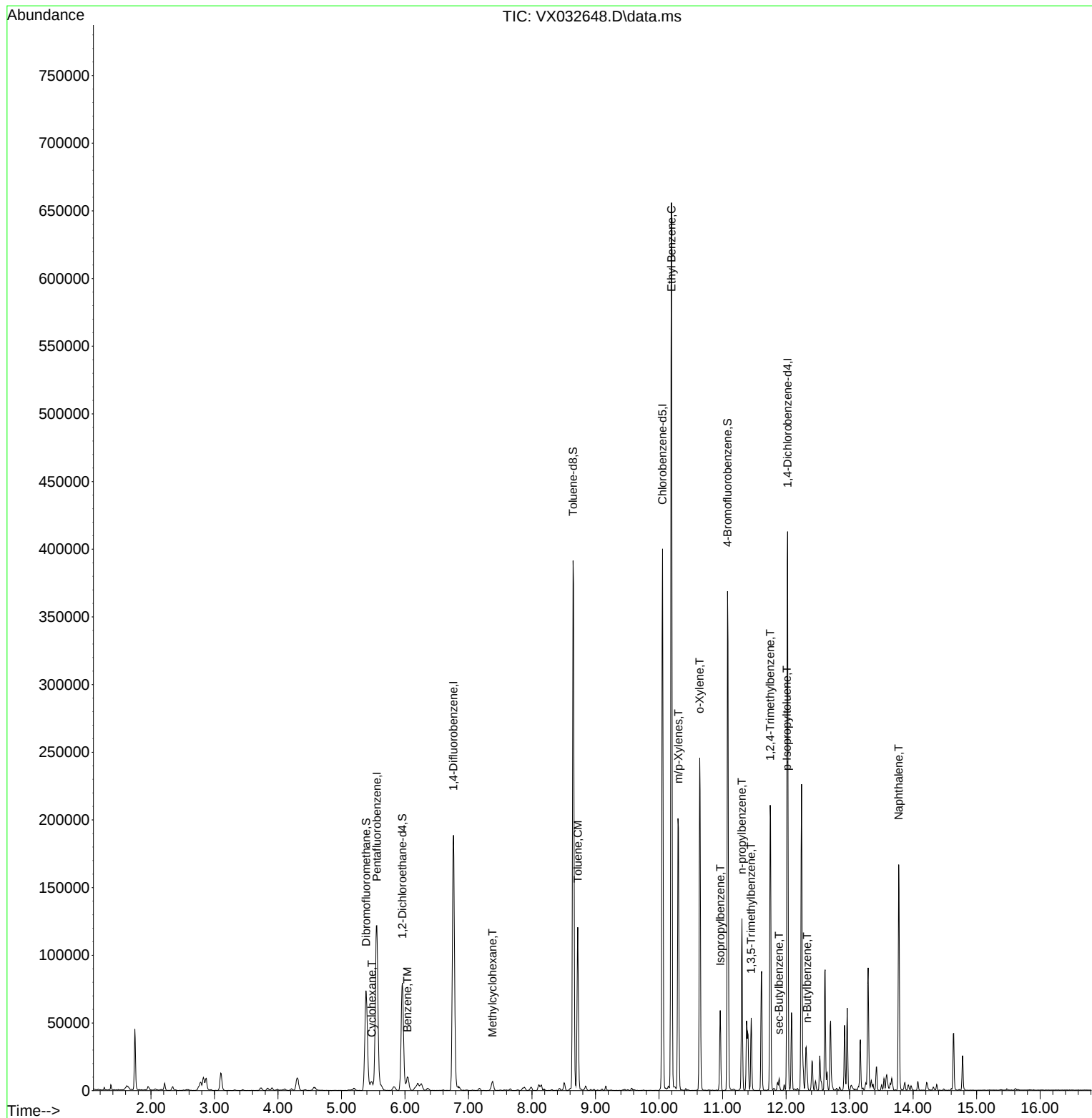
Internal Standards						
1) Pentafluorobenzene	5.556	168	116247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	191742	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79712	49.350	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.700%		
35) Dibromofluoromethane	5.385	113	62720	45.858	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.720%		
50) Toluene-d8	8.647	98	232033	48.789	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.580%		
62) 4-Bromofluorobenzene	11.079	95	90778	48.865	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.720%		
Target Compounds					Qvalue	
31) Cyclohexane	5.477	56	4373	2.233	ug/l #	79
39) Methylcyclohexane	7.379	83	2919	1.295	ug/l #	90
40) Benzene	6.037	78	11925	2.213	ug/l	97
52) Toluene	8.720	92	42326	12.037	ug/l	97
67) Ethyl Benzene	10.195	91	359297	52.423	ug/l	99
68) m/p-Xylenes	10.305	106	46685	17.542	ug/l	100
69) o-Xylene	10.640	106	51516	19.909	ug/l	99
73) Isopropylbenzene	10.963	105	28714	4.349	ug/l	99
78) n-propylbenzene	11.305	91	72741	9.562	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	21962	3.892	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	94917	16.911	ug/l	100
85) sec-Butylbenzene	11.890	105	4603	0.679	ug/l	97
86) p-Isopropyltoluene	12.012	119	2303	0.400	ug/l	86
89) n-Butylbenzene	12.329	91	7124	1.424	ug/l #	69
95) Naphthalene	13.774	128	102643	15.691	ug/l	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
Data File : VX032648.D
Acq On : 08 Nov 2022 12:57
Operator : JC/MD
Sample : N5484-19DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GES-1DL

Quant Time: Nov 09 04:37:36 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

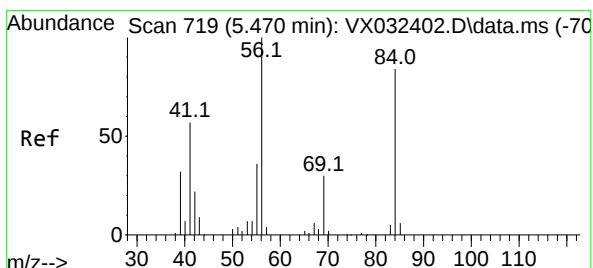
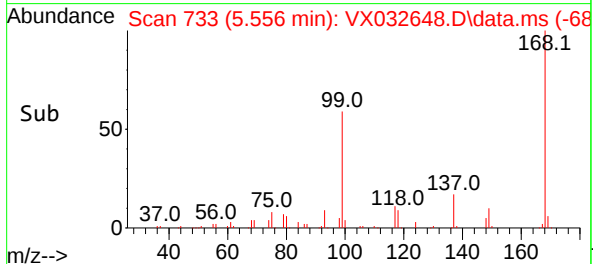
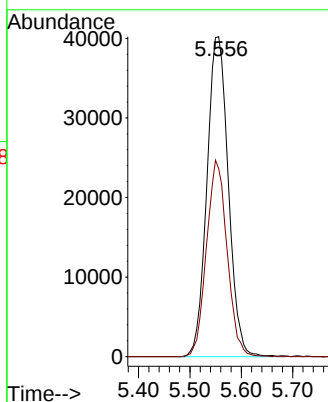
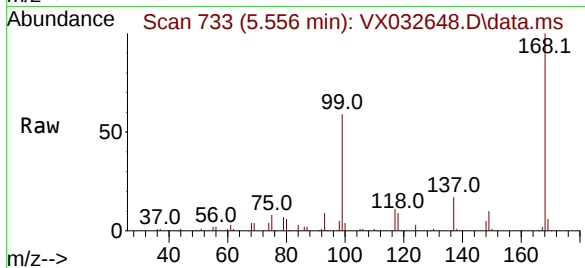




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032648.D
Acq: 08 Nov 2022 12:57

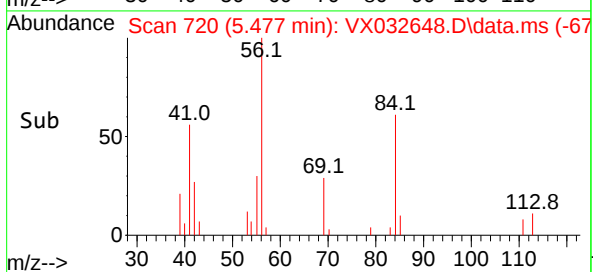
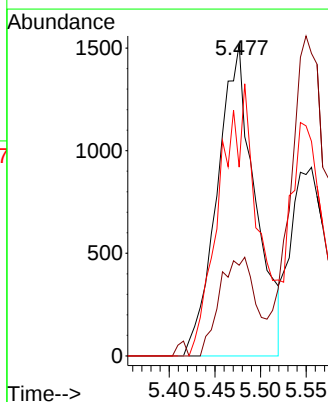
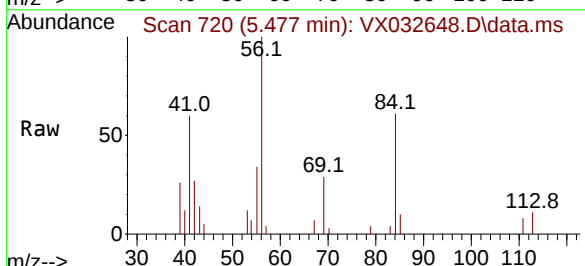
Instrument :
MSVOA_X
ClientSampleId :
GES-1DL

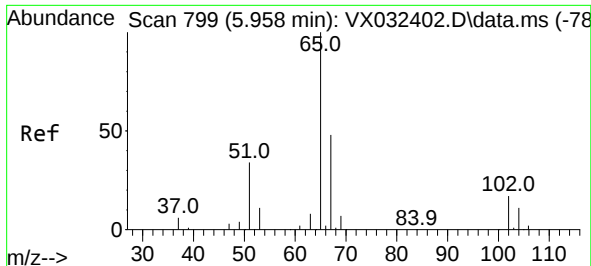
Tgt Ion:168 Resp: 116247
Ion Ratio Lower Upper
168 100
99 58.8 46.1 69.1



#31
Cyclohexane
Concen: 2.233 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX032648.D
Acq: 08 Nov 2022 12:57

Tgt Ion: 56 Resp: 4373
Ion Ratio Lower Upper
56 100
69 25.7 24.1 36.1
84 60.6 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 49.350 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032648.D

Acq: 08 Nov 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

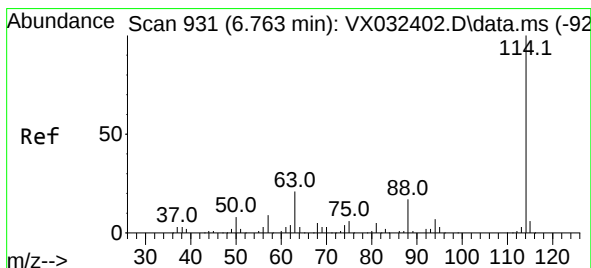
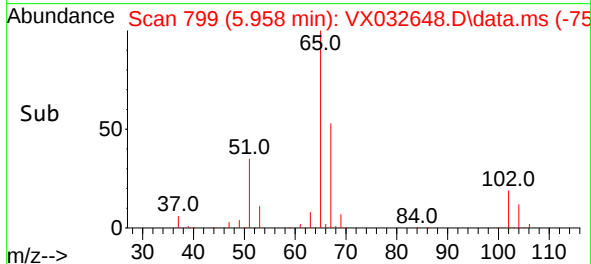
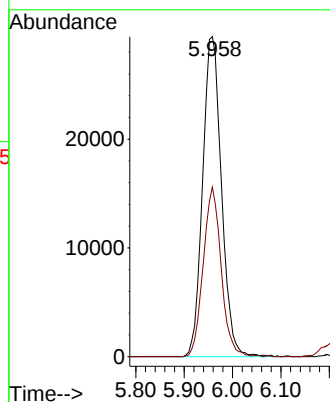
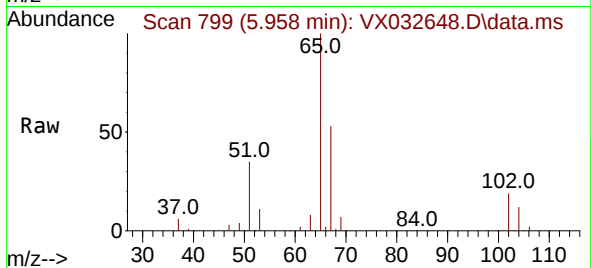
GES-1DL

Tgt Ion: 65 Resp: 79712

Ion Ratio Lower Upper

65 100

67 50.3 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: VX032648.D

Acq: 08 Nov 2022 12:57

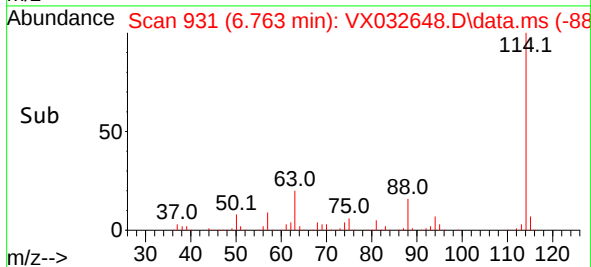
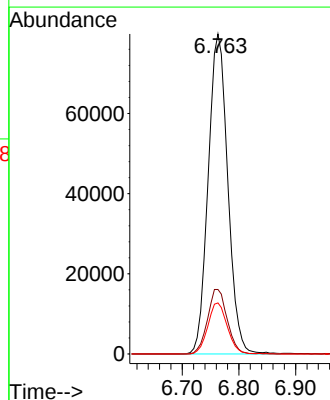
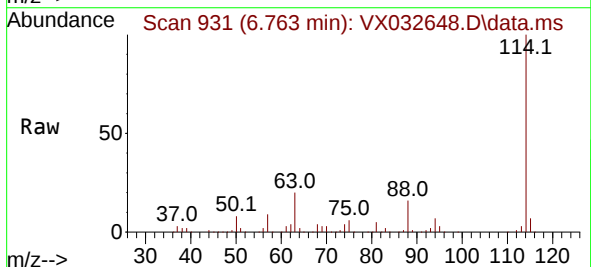
Tgt Ion: 114 Resp: 191742

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.6

88 16.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 45.858 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX032648.D

Acq: 08 Nov 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

GES-1DL

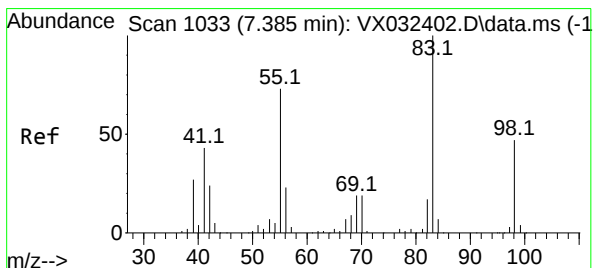
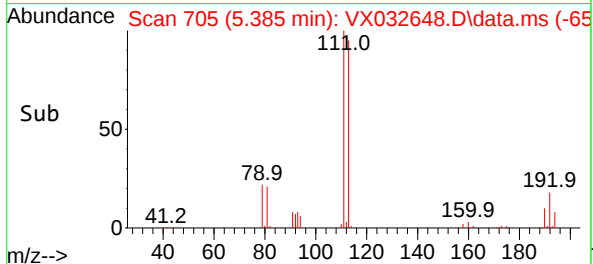
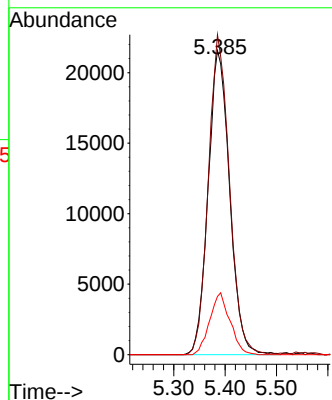
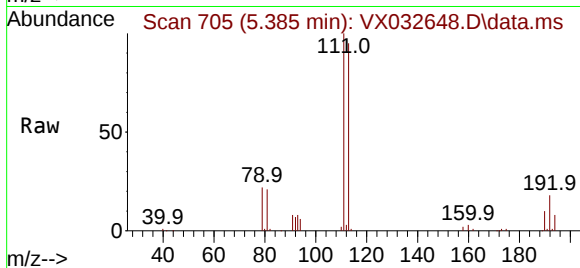
Tgt Ion:113 Resp: 62720

Ion Ratio Lower Upper

113 100

111 102.6 82.4 123.6

192 19.2 15.4 23.2



#39

Methylcyclohexane

Concen: 1.295 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX032648.D

Acq: 08 Nov 2022 12:57

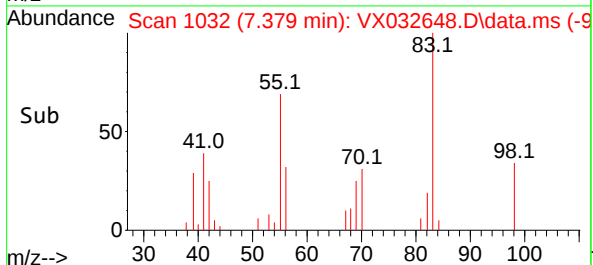
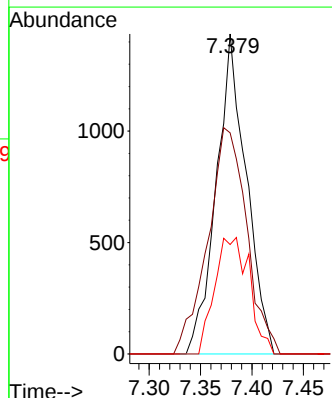
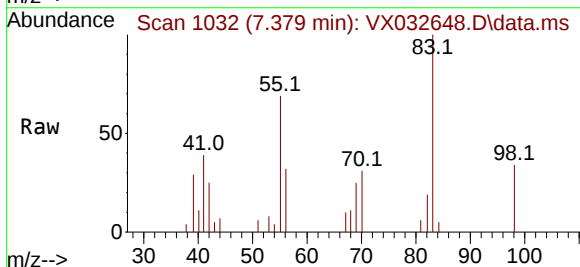
Tgt Ion: 83 Resp: 2919

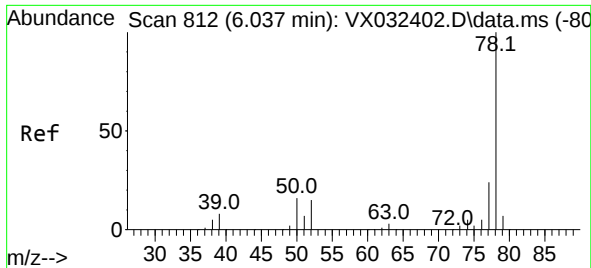
Ion Ratio Lower Upper

83 100

55 69.1 58.4 87.6

98 34.2 37.2 55.8#

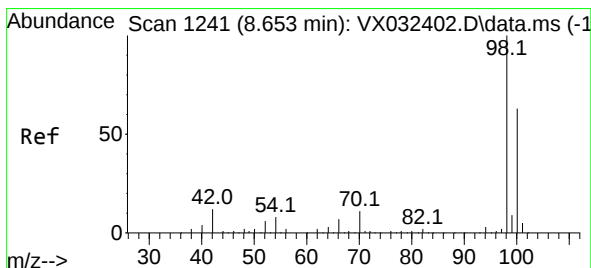
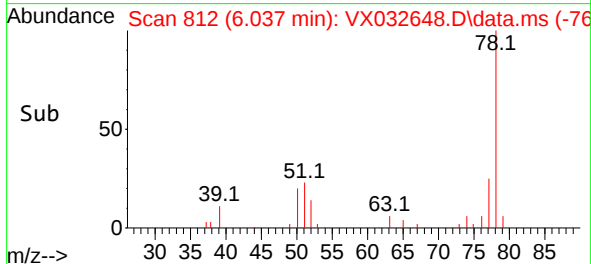
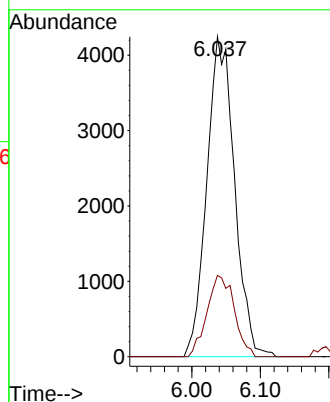
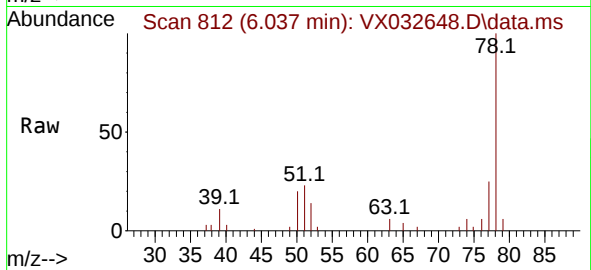




#40
Benzene
Concen: 2.213 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX032648.D
Acq: 08 Nov 2022 12:57

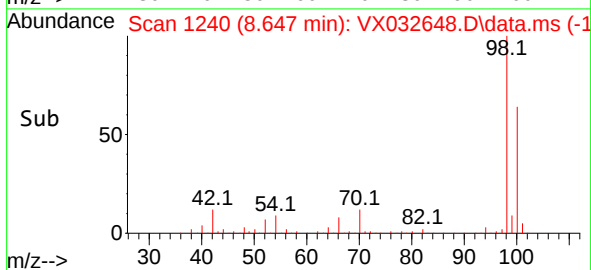
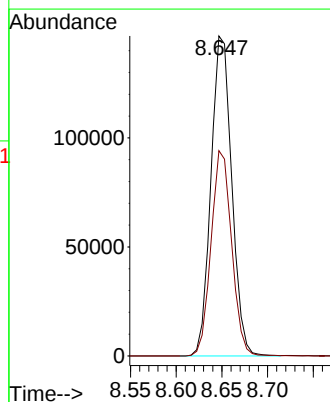
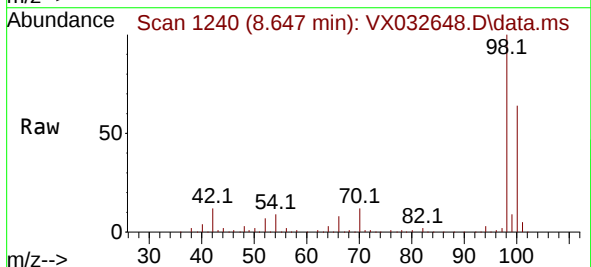
Instrument :
MSVOA_X
ClientSampleId :
GES-1DL

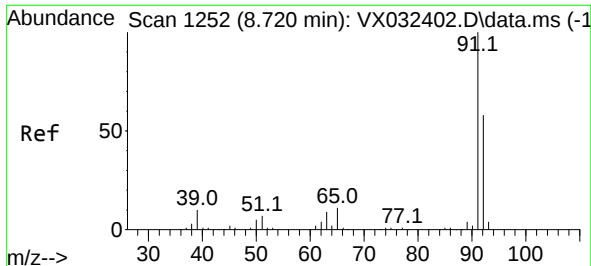
Tgt Ion: 78 Resp: 11925
Ion Ratio Lower Upper
78 100
77 25.4 19.0 28.4



#50
Toluene-d8
Concen: 48.789 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032648.D
Acq: 08 Nov 2022 12:57

Tgt Ion: 98 Resp: 232033
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3

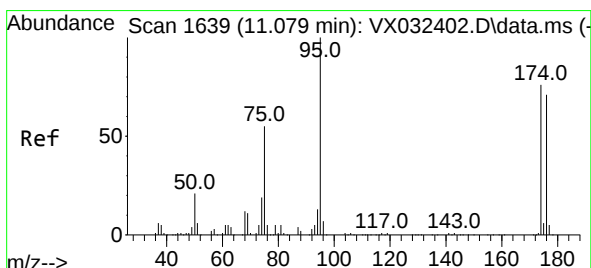
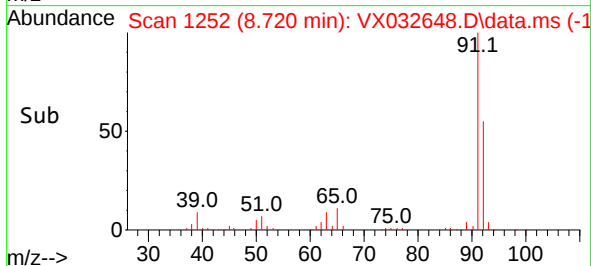
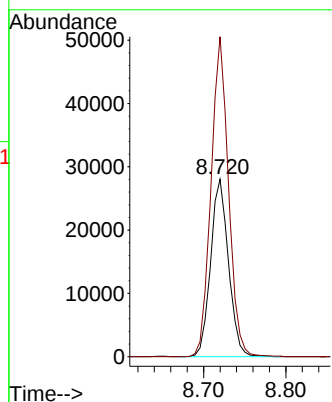
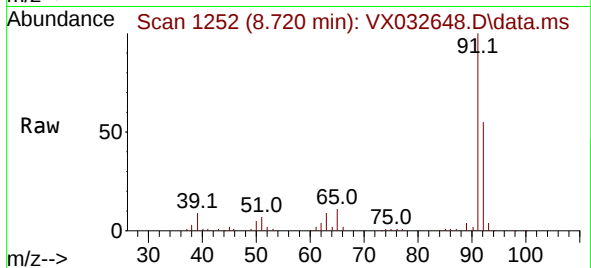




#52
Toluene
Concen: 12.037 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032648.D
Acq: 08 Nov 2022 12:57

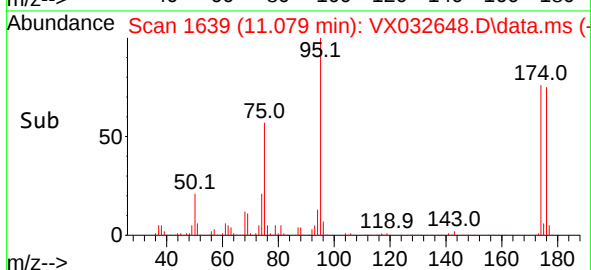
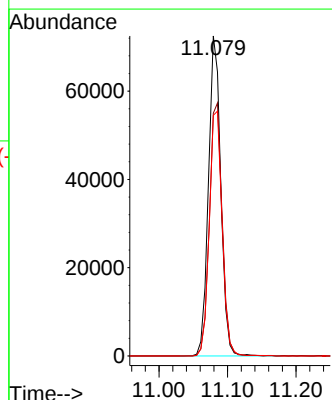
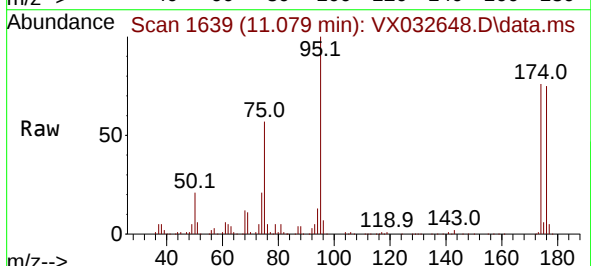
Instrument :
MSVOA_X
ClientSampleId :
GES-1DL

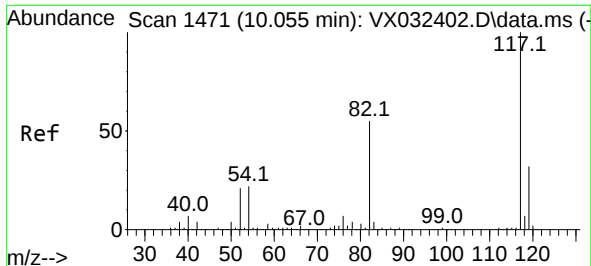
Tgt Ion: 92 Resp: 42326
Ion Ratio Lower Upper
92 100
91 176.5 138.3 207.5



#62
4-Bromofluorobenzene
Concen: 48.865 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032648.D
Acq: 08 Nov 2022 12:57

Tgt Ion: 95 Resp: 90778
Ion Ratio Lower Upper
95 100
174 82.1 0.0 164.0
176 80.3 0.0 154.4

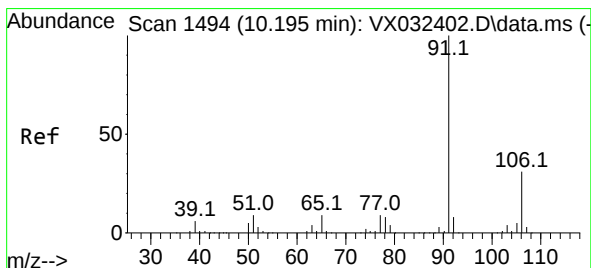
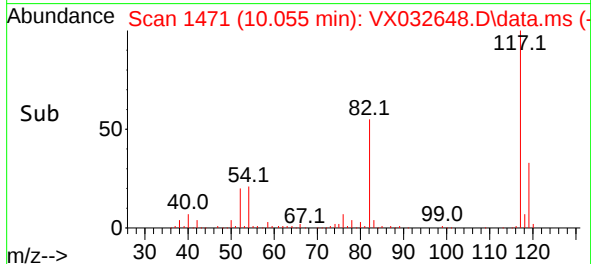
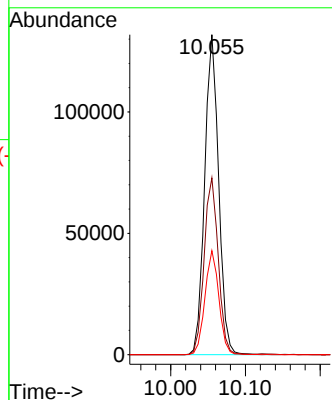
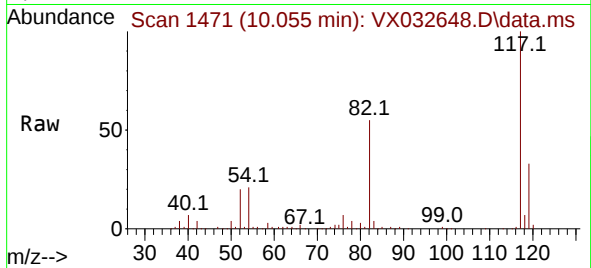




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032648.D
Acq: 08 Nov 2022 12:57

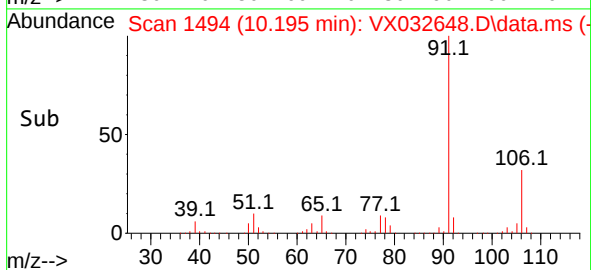
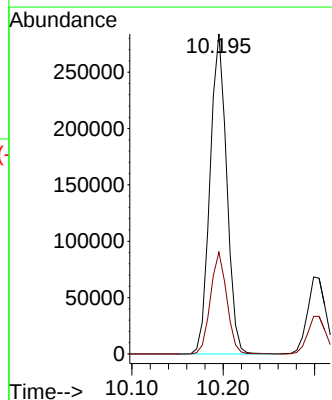
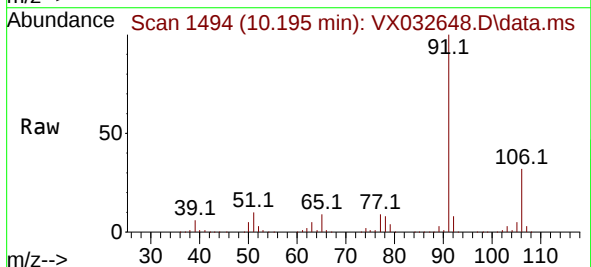
Instrument :
MSVOA_X
ClientSampleId :
GES-1DL

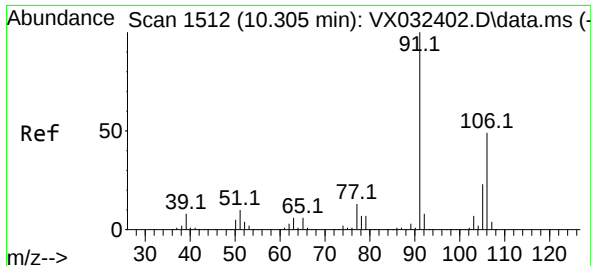
Tgt Ion:117 Resp: 171100
Ion Ratio Lower Upper
117 100
82 55.2 44.3 66.5
119 32.5 25.7 38.5



#67
Ethyl Benzene
Concen: 52.423 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX032648.D
Acq: 08 Nov 2022 12:57

Tgt Ion: 91 Resp: 359297
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.6

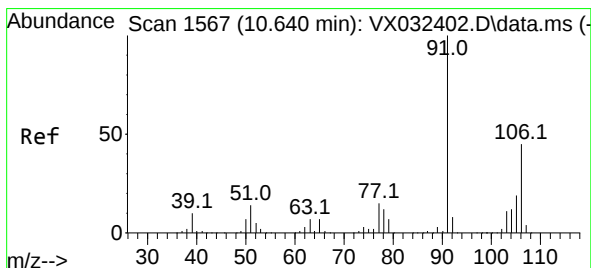
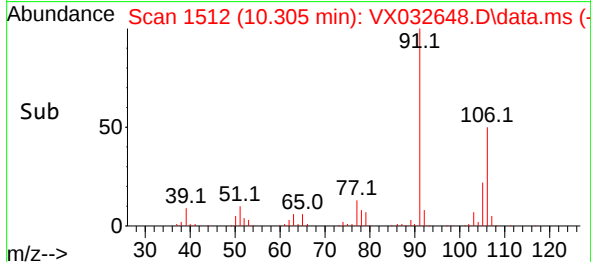
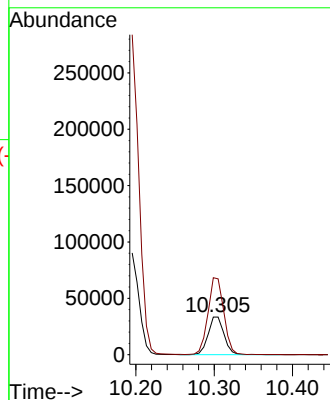
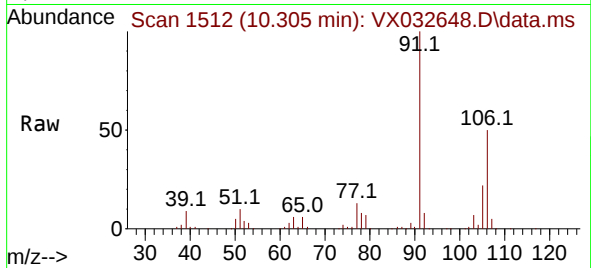




#68
m/p-Xylenes
Concen: 17.542 ug/l
RT: 10.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032648.D
Acq: 08 Nov 2022 12:57

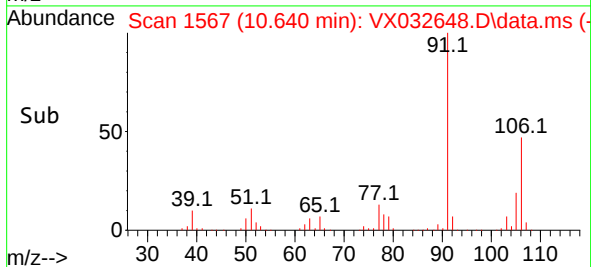
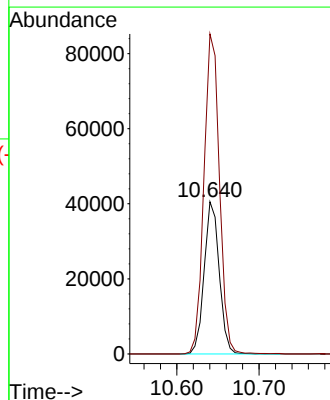
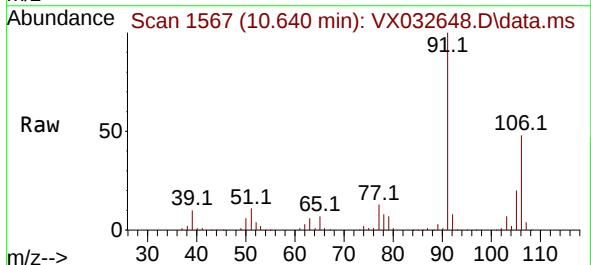
Instrument :
MSVOA_X
ClientSampleId :
GES-1DL

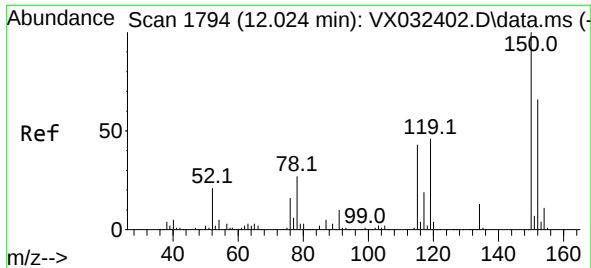
Tgt Ion:106 Resp: 46685
Ion Ratio Lower Upper
106 100
91 205.2 164.5 246.7



#69
o-Xylene
Concen: 19.909 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX032648.D
Acq: 08 Nov 2022 12:57

Tgt Ion:106 Resp: 51516
Ion Ratio Lower Upper
106 100
91 216.5 109.2 327.6

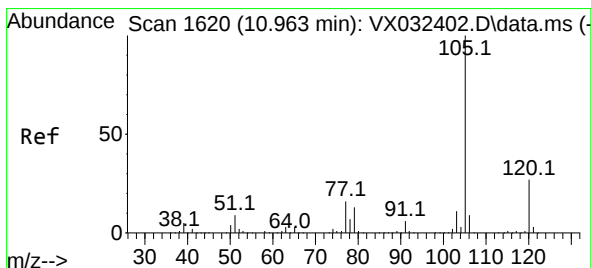
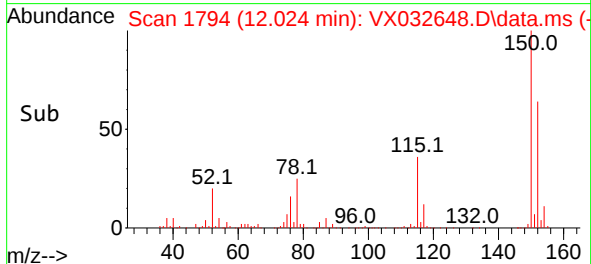
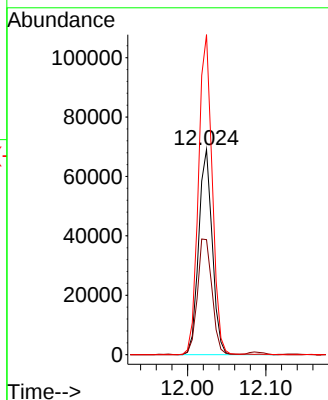
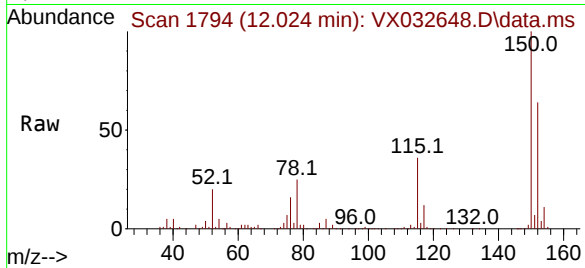




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032648.D
Acq: 08 Nov 2022 12:57

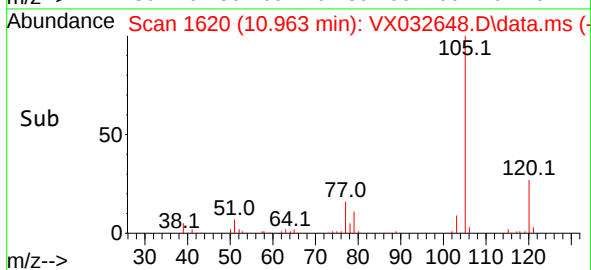
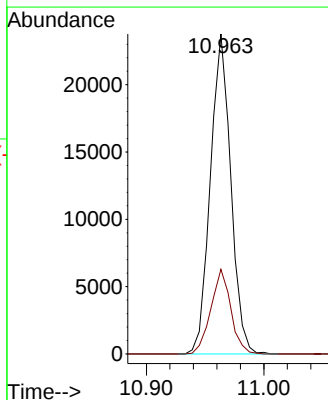
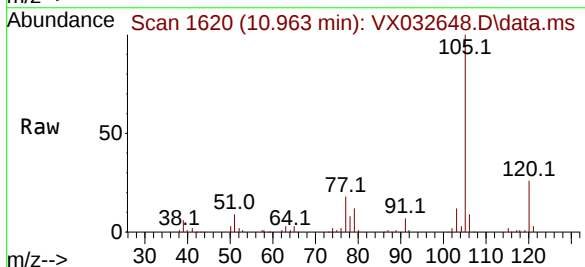
Instrument :
MSVOA_X
ClientSampleId :
GES-1DL

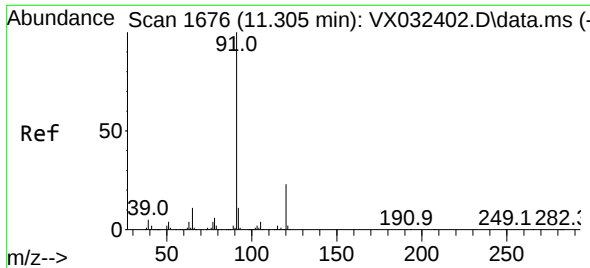
Tgt Ion:152 Resp: 83326
Ion Ratio Lower Upper
152 100
115 60.5 44.0 132.0
150 158.1 0.0 351.8



#73
Isopropylbenzene
Concen: 4.349 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX032648.D
Acq: 08 Nov 2022 12:57

Tgt Ion:105 Resp: 28714
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.3

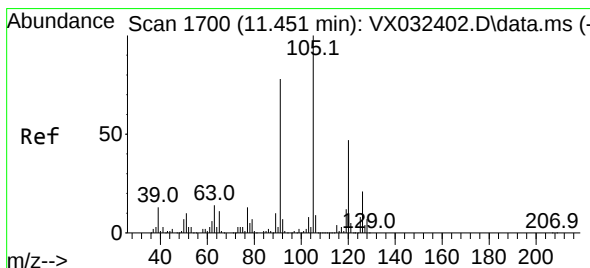
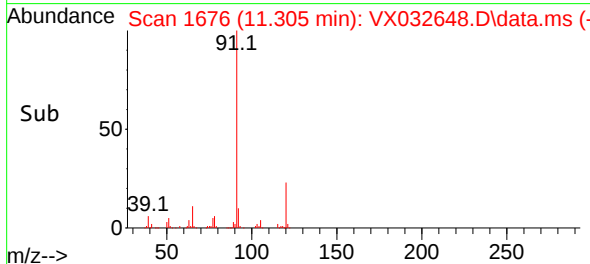
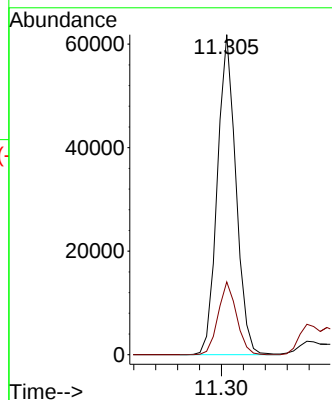
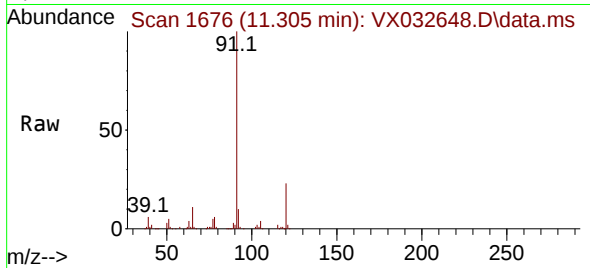




#78
n-propylbenzene
Concen: 9.562 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032648.D
Acq: 08 Nov 2022 12:57

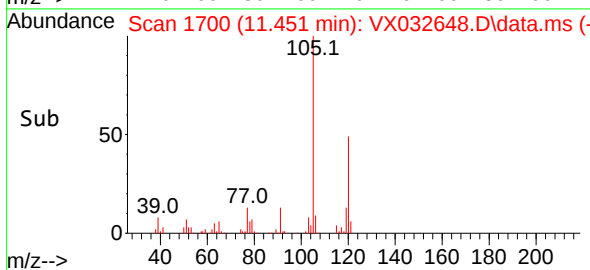
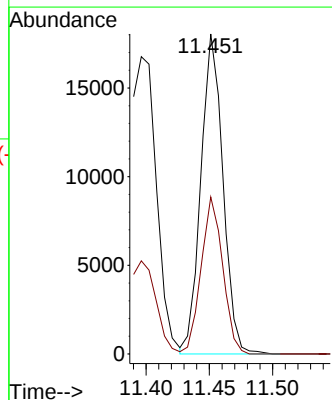
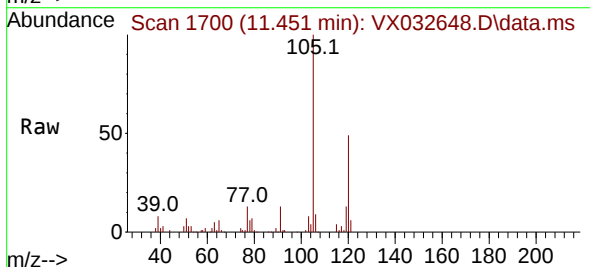
Instrument :
MSVOA_X
ClientSampleId :
GES-1DL

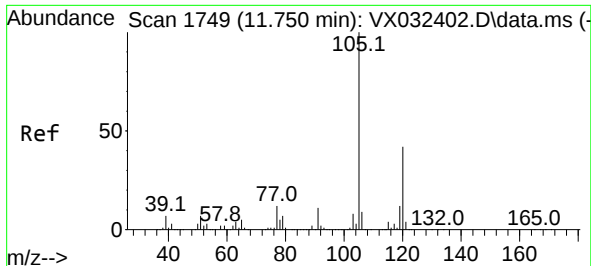
Tgt Ion: 91 Resp: 72741
Ion Ratio Lower Upper
91 100
120 22.5 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 3.892 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX032648.D
Acq: 08 Nov 2022 12:57

Tgt Ion: 105 Resp: 21962
Ion Ratio Lower Upper
105 100
120 48.0 23.6 71.0

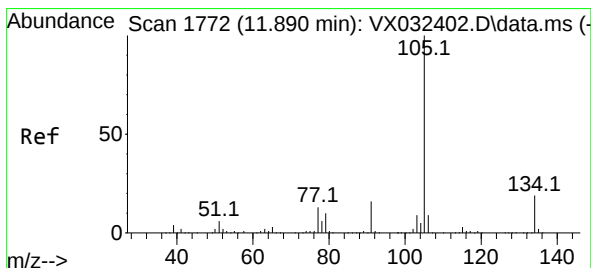
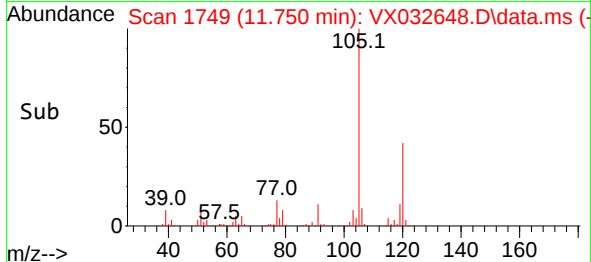
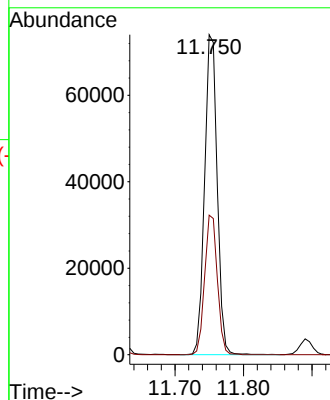
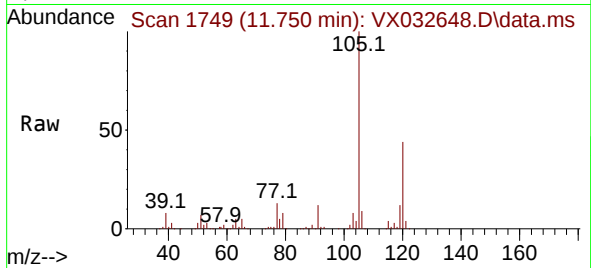




#84
1,2,4-Trimethylbenzene
Concen: 16.911 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX032648.D
Acq: 08 Nov 2022 12:57

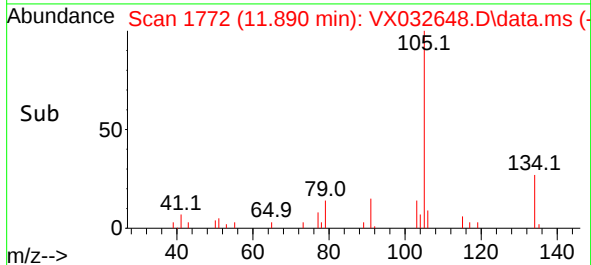
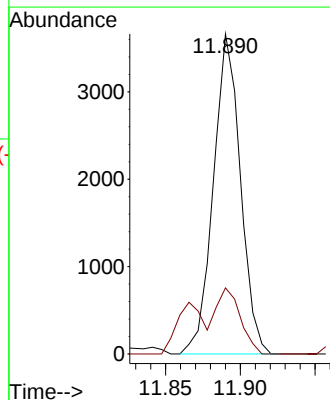
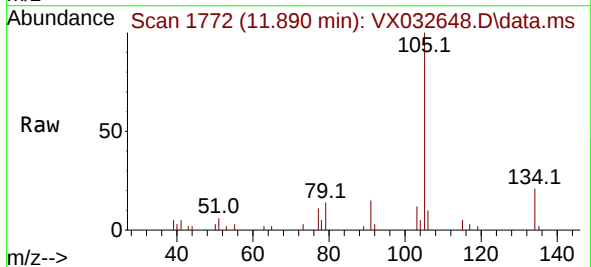
Instrument :
MSVOA_X
ClientSampleId :
GES-1DL

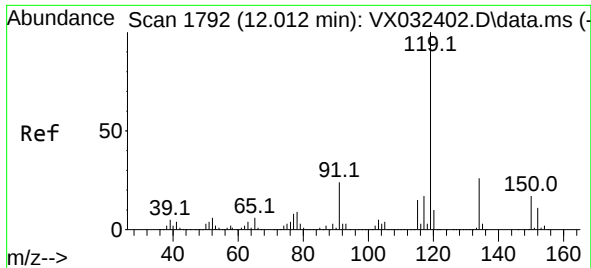
Tgt Ion:105 Resp: 94917
Ion Ratio Lower Upper
105 100
120 43.9 21.9 65.5



#85
sec-Butylbenzene
Concen: 0.679 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX032648.D
Acq: 08 Nov 2022 12:57

Tgt Ion:105 Resp: 4603
Ion Ratio Lower Upper
105 100
134 18.6 9.9 29.7

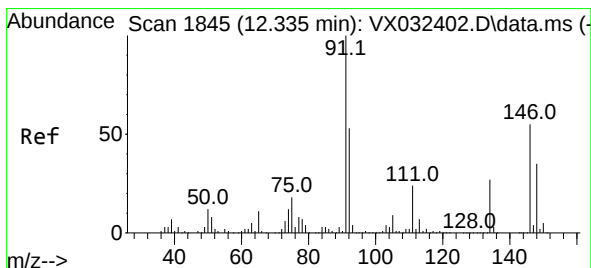
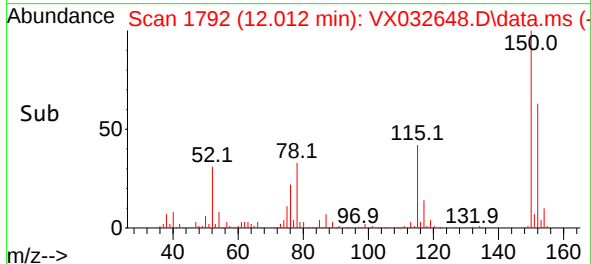
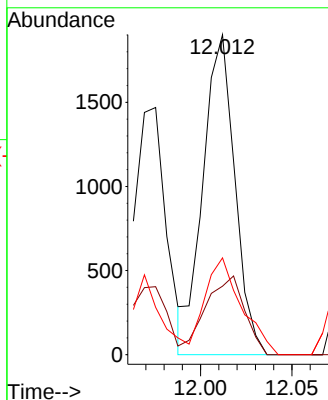
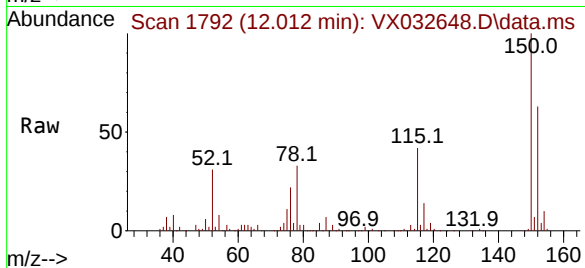




#86
p-Isopropyltoluene
Concen: 0.400 ug/l
RT: 12.012 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032648.D
Acq: 08 Nov 2022 12:57

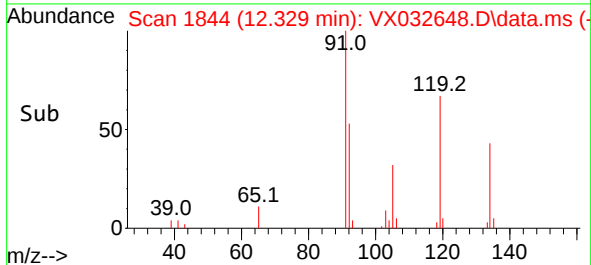
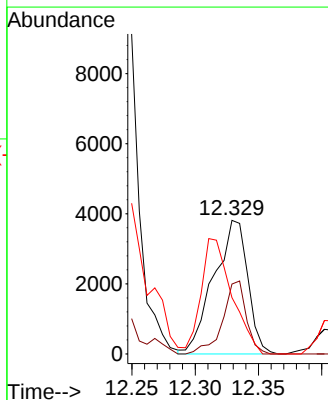
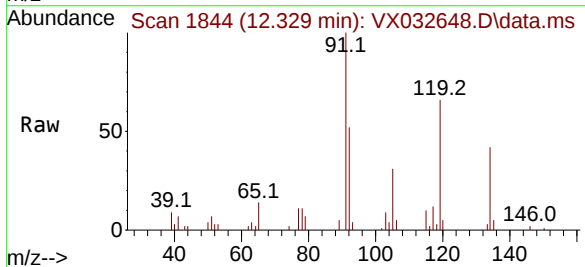
Instrument :
MSVOA_X
ClientSampleId :
GES-1DL

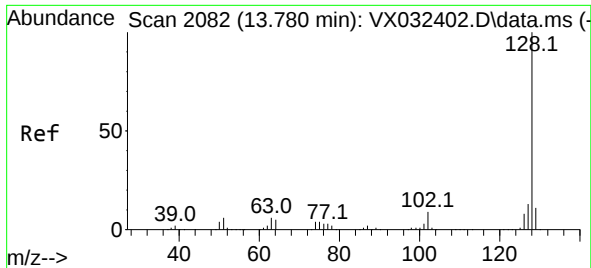
Tgt Ion:119 Resp: 2303
Ion Ratio Lower Upper
119 100
134 30.3 12.9 38.7
91 34.7 12.5 37.5



#89
n-Butylbenzene
Concen: 1.424 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX032648.D
Acq: 08 Nov 2022 12:57

Tgt Ion: 91 Resp: 7124
Ion Ratio Lower Upper
91 100
92 37.8 26.2 78.6
134 0.0 12.9 38.6#





#95

Naphthalene

Concen: 15.691 ug/l

RT: 13.774 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX032648.D

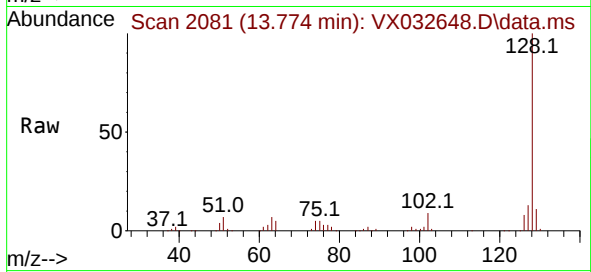
Acq: 08 Nov 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

GES-1DL



Tgt Ion:128 Resp: 102643

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 11.0 8.9 13.3

