

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012822\
 Data File : VX026661.D
 Acq On : 28 Jan 2022 19:03
 Operator : JC/MD
 Sample : N1297-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GES-2

Quant Time: Jan 29 02:20:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

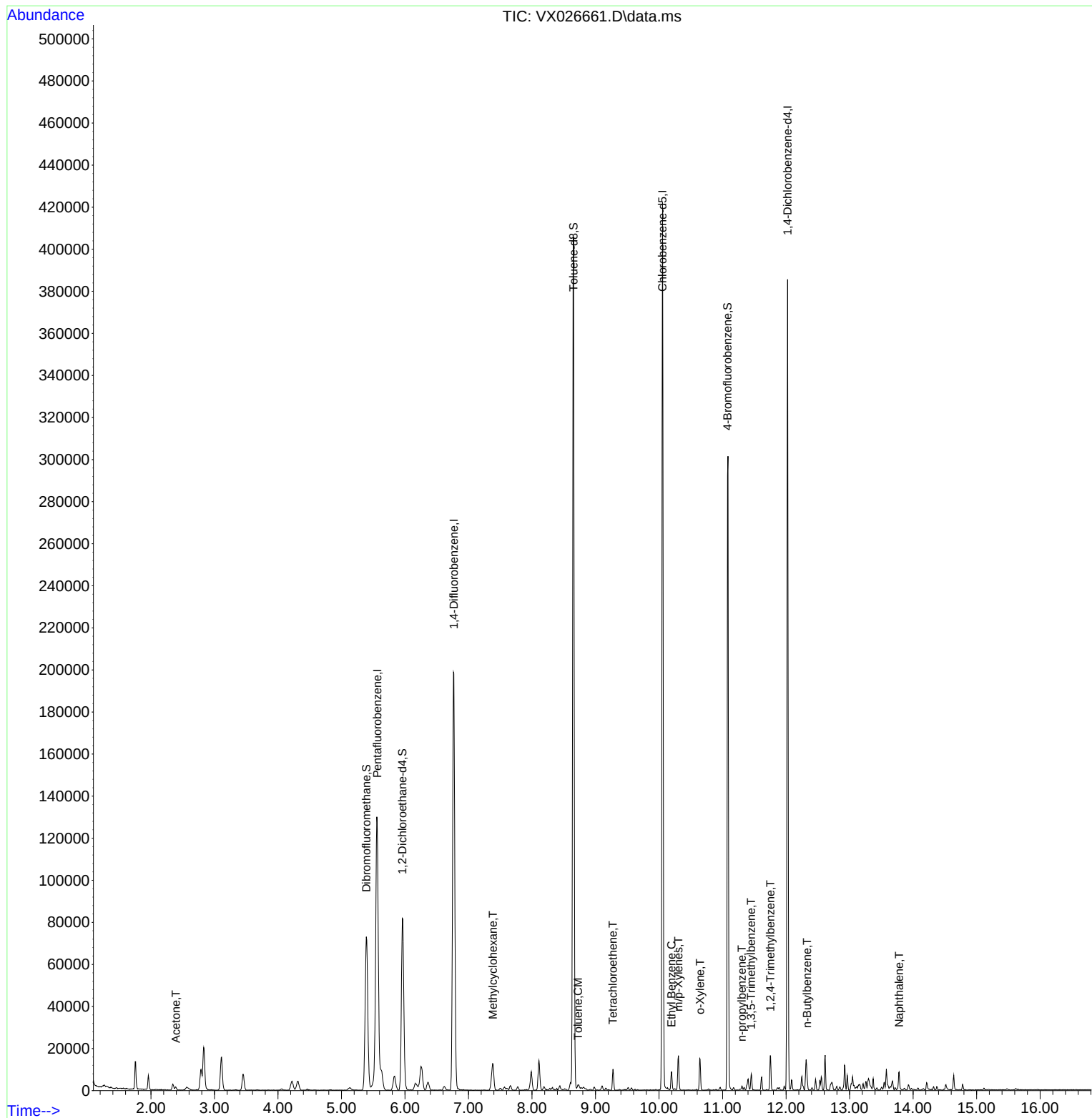
Internal Standards						
1) Pentafluorobenzene	5.562	168	123129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	207709	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80010	46.517	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.040%
35) Dibromofluoromethane	5.391	113	64698	48.235	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.460%
50) Toluene-d8	8.653	98	241470	49.957	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.920%
62) 4-Bromofluorobenzene	11.079	95	83704	48.749	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.500%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	1758	2.004	ug/l	94
39) Methylcyclohexane	7.385	83	5612	2.197	ug/l	91
52) Toluene	8.726	92	863	0.240	ug/l	83
64) Tetrachloroethene	9.275	164	1804	1.046	ug/l	95
67) Ethyl Benzene	10.195	91	5029	0.720	ug/l	98
68) m/p-Xylenes	10.305	106	3794	1.451	ug/l	96
69) o-Xylene	10.646	106	3471	1.376	ug/l	98
78) n-propylbenzene	11.305	91	1446	0.205	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	3606	0.706	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	7480	1.465	ug/l	96
89) n-Butylbenzene	12.329	91	2729	0.615	ug/l #	42
95) Naphthalene	13.780	128	6266	1.166	ug/l	99

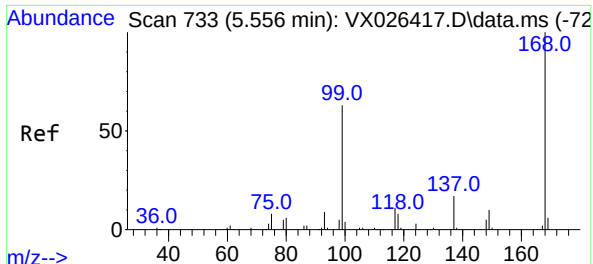
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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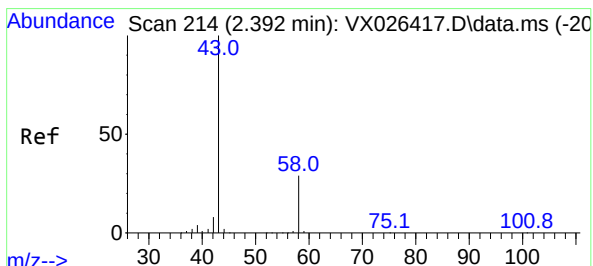
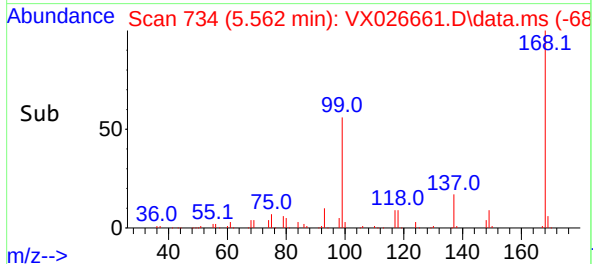
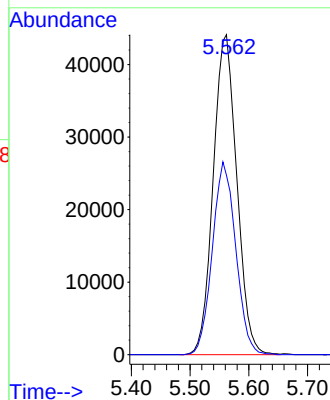
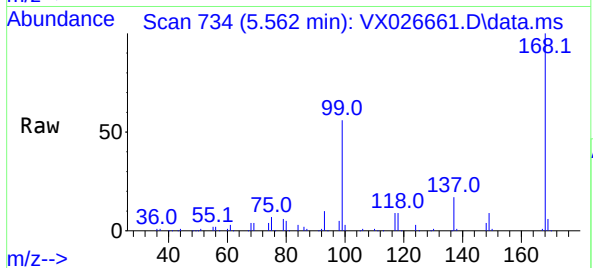




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026661.D
Acq: 28 Jan 2022 19:03

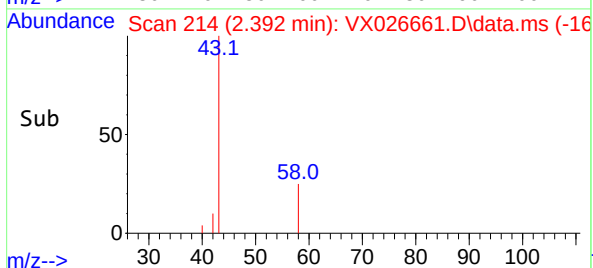
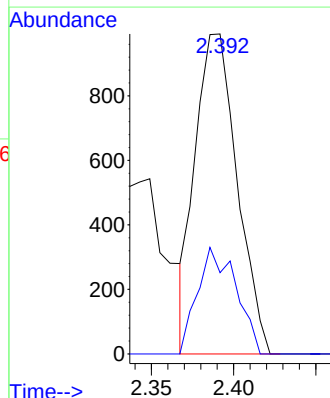
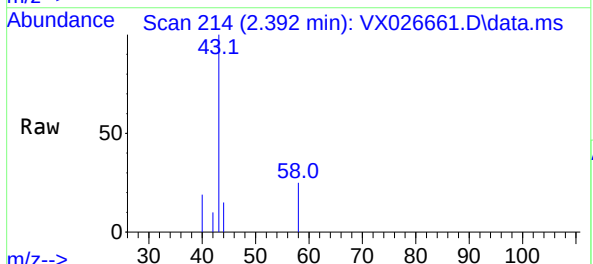
Instrument :
MSVOA_X
ClientSampleId :
GES-2

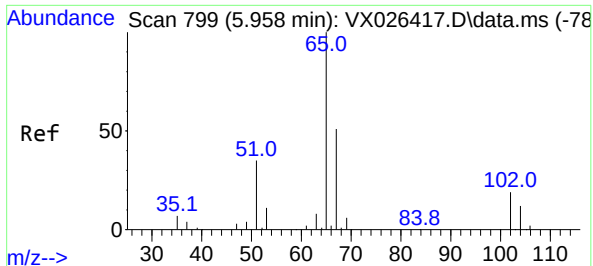
Tgt Ion:168 Resp: 123129
Ion Ratio Lower Upper
168 100
99 56.1 50.3 75.5



#16
Acetone
Concen: 2.004 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX026661.D
Acq: 28 Jan 2022 19:03

Tgt Ion: 43 Resp: 1758
Ion Ratio Lower Upper
43 100
58 25.4 23.0 34.6





#33

1,2-Dichloroethane-d4

Concen: 46.517 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX026661.D

Acq: 28 Jan 2022 19:03

Instrument :

MSVOA_X

ClientSampleId :

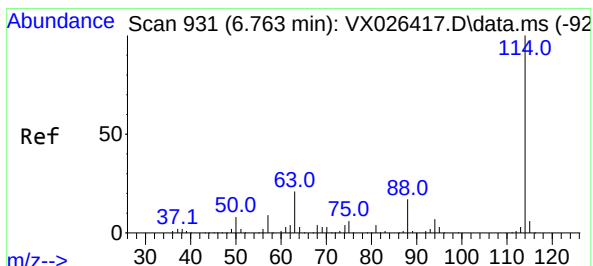
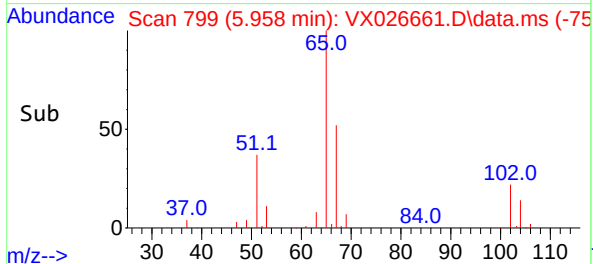
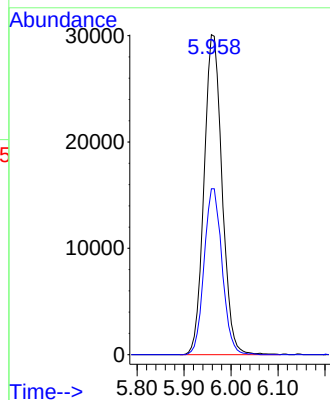
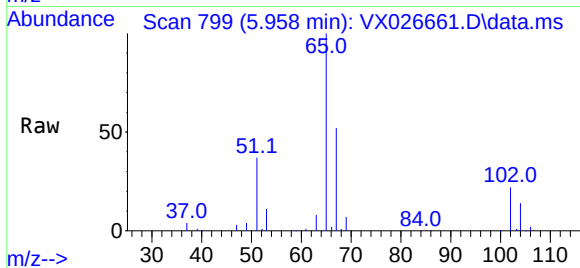
GES-2

Tgt Ion: 65 Resp: 80010

Ion Ratio Lower Upper

65 100

67 51.8 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX026661.D

Acq: 28 Jan 2022 19:03

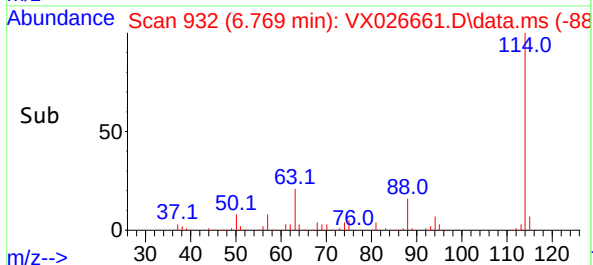
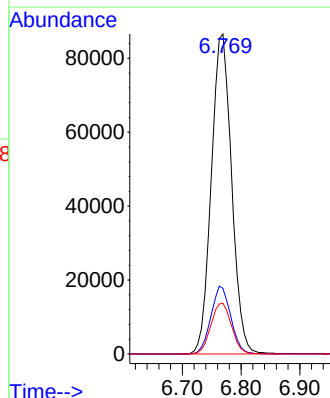
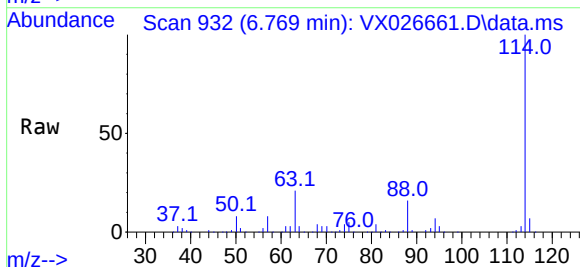
Tgt Ion: 114 Resp: 207709

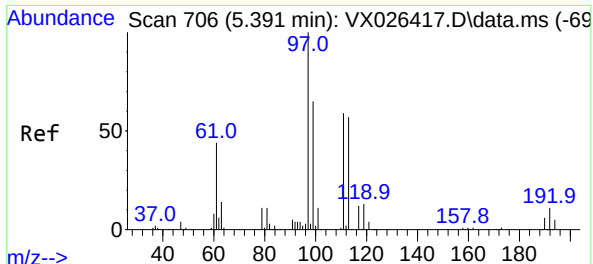
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.8

88 15.9 0.0 33.0

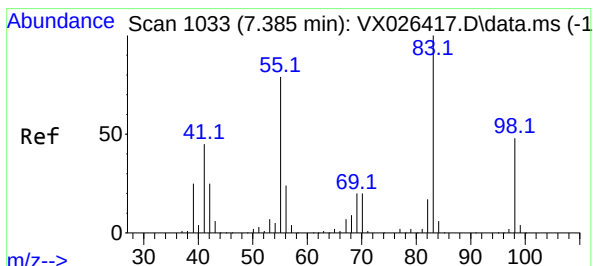
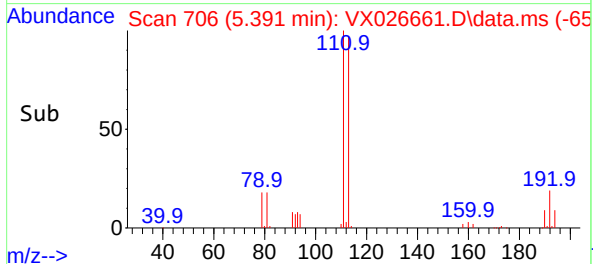
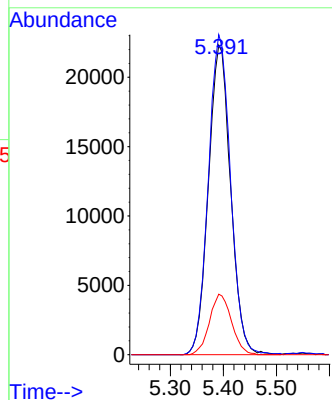
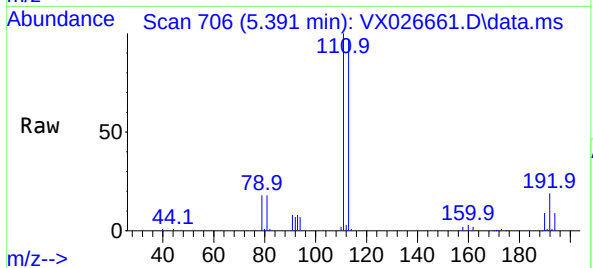




#35
Dibromofluoromethane
Concen: 48.235 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026661.D
Acq: 28 Jan 2022 19:03

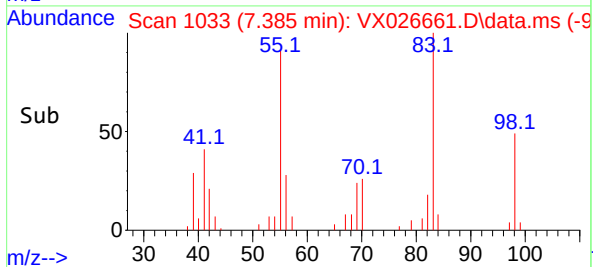
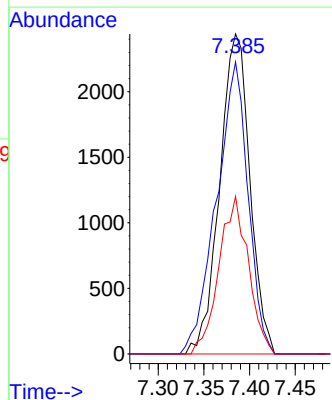
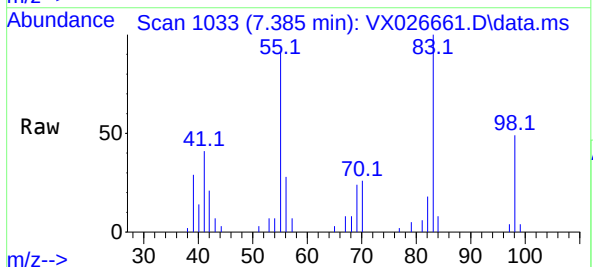
Instrument :
MSVOA_X
ClientSampleId :
GES-2

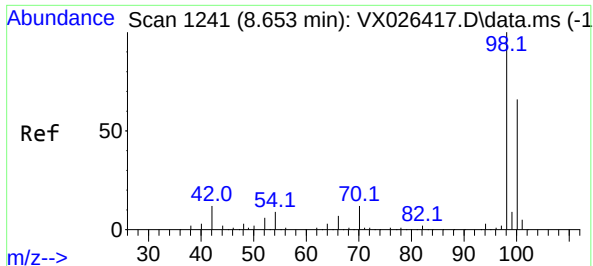
Tgt Ion:113 Resp: 64698
Ion Ratio Lower Upper
113 100
111 103.6 81.2 121.8
192 19.4 15.0 22.4



#39
Methylcyclohexane
Concen: 2.197 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX026661.D
Acq: 28 Jan 2022 19:03

Tgt Ion: 83 Resp: 5612
Ion Ratio Lower Upper
83 100
55 91.3 63.6 95.4
98 49.3 38.4 57.6





#50

Toluene-d8

Concen: 49.957 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX026661.D

Acq: 28 Jan 2022 19:03

Instrument :

MSVOA_X

ClientSampleId :

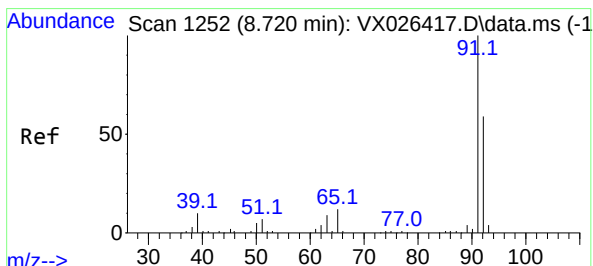
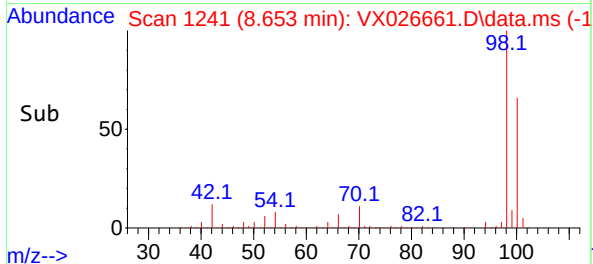
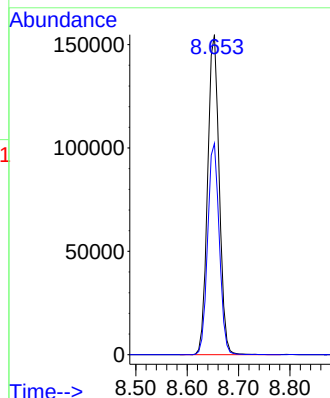
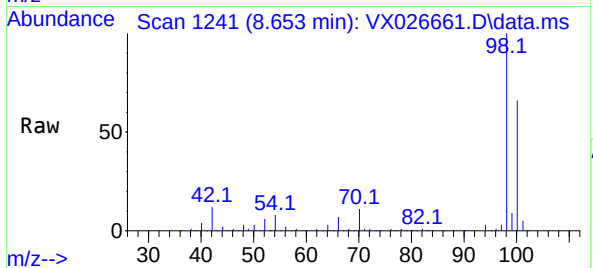
GES-2

Tgt Ion: 98 Resp: 241470

Ion Ratio Lower Upper

98 100

100 66.2 53.2 79.8



#52

Toluene

Concen: 0.240 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX026661.D

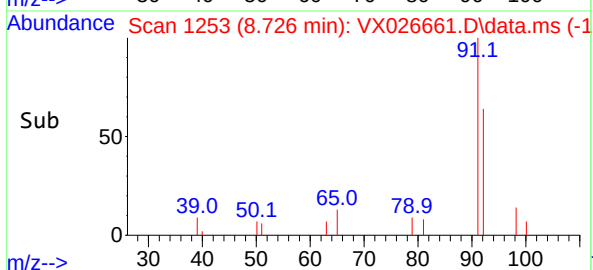
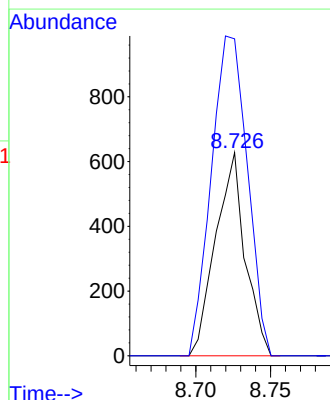
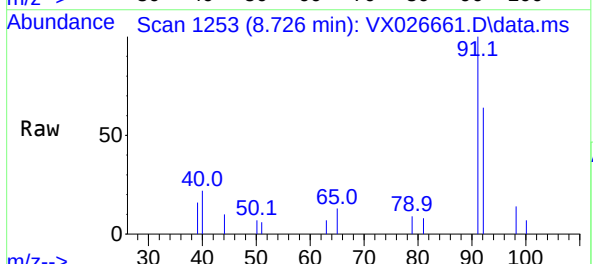
Acq: 28 Jan 2022 19:03

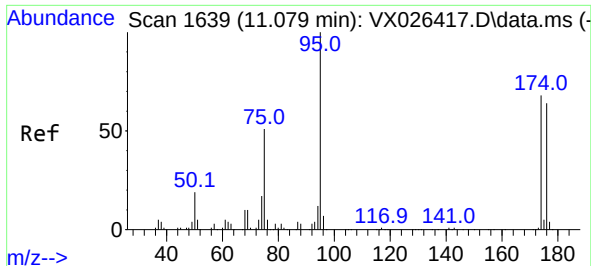
Tgt Ion: 92 Resp: 863

Ion Ratio Lower Upper

92 100

91 192.4 135.7 203.5

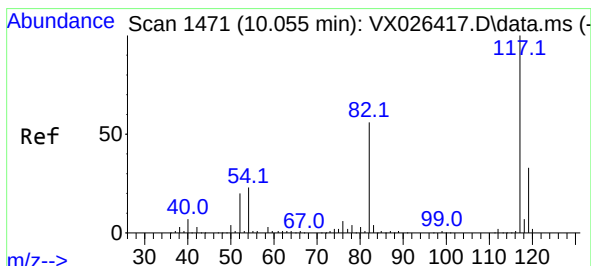
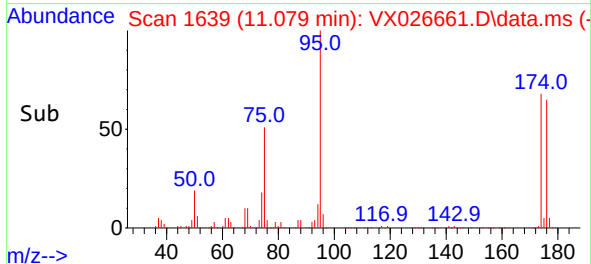
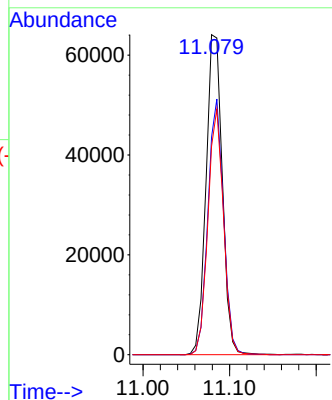
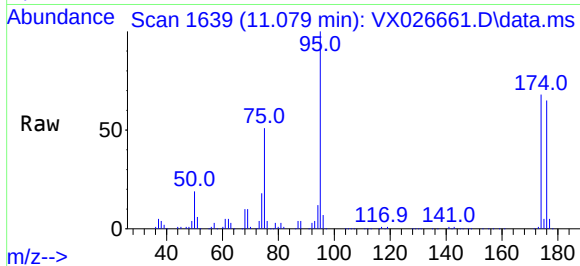




#62
4-Bromofluorobenzene
Concen: 48.749 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX026661.D
Acq: 28 Jan 2022 19:03

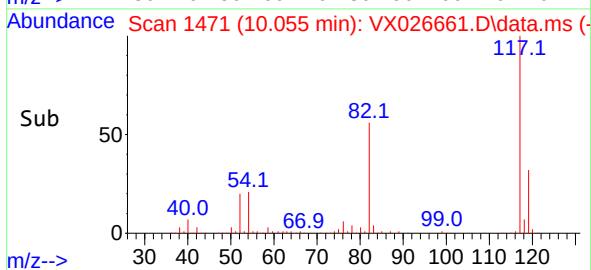
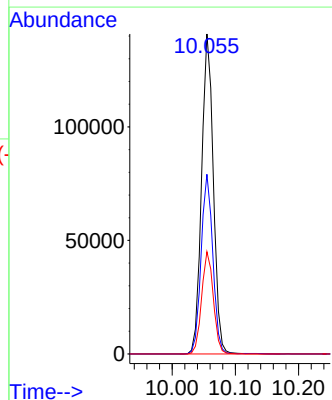
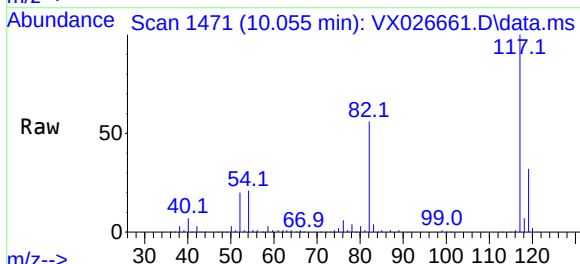
Instrument :
MSVOA_X
ClientSampleId :
GES-2

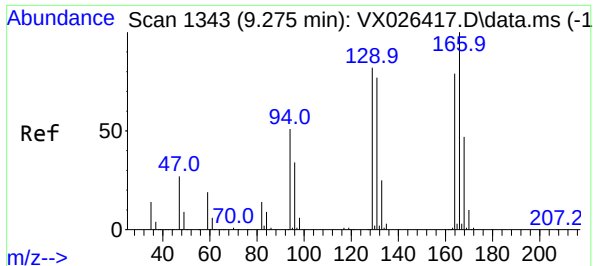
Tgt Ion: 95 Resp: 83704
Ion Ratio Lower Upper
95 100
174 76.6 0.0 148.6
176 73.5 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026661.D
Acq: 28 Jan 2022 19:03

Tgt Ion: 117 Resp: 182597
Ion Ratio Lower Upper
117 100
82 56.2 45.2 67.8
119 32.0 26.2 39.2



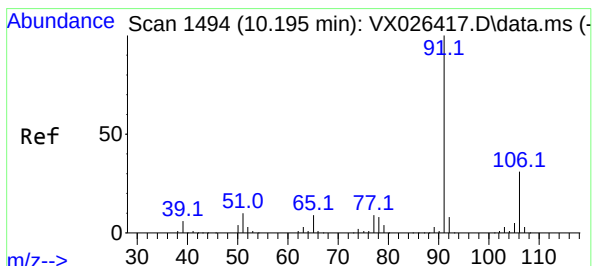
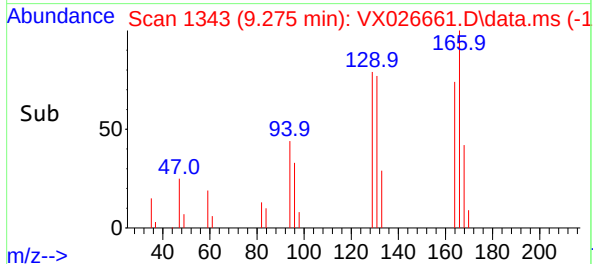
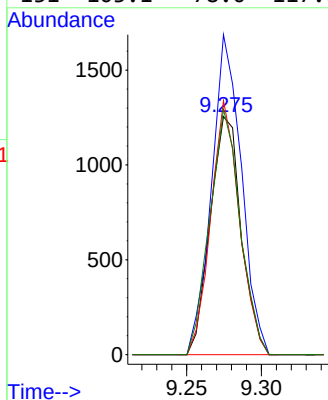
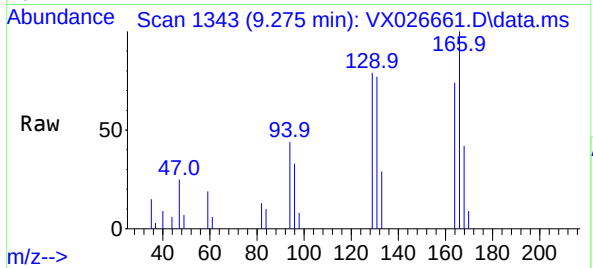


#64
Tetrachloroethene
Concen: 1.046 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026661.D
Acq: 28 Jan 2022 19:03

Instrument :
MSVOA_X
ClientSampleId :
GES-2

Tgt Ion:164 Resp: 1804

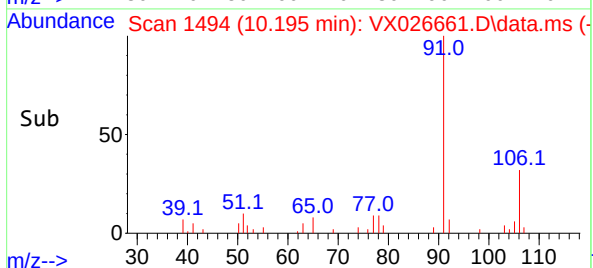
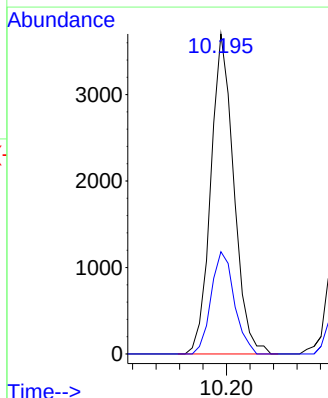
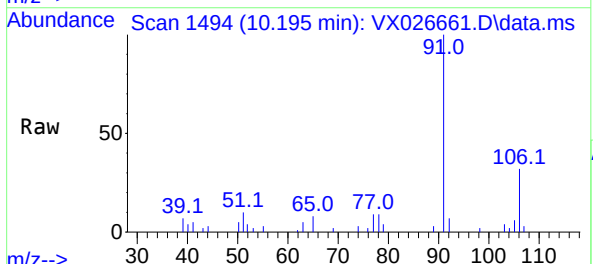
Ion	Ratio	Lower	Upper
164	100		
166	134.4	101.8	152.6
129	106.7	83.3	124.9
131	103.1	78.0	117.0

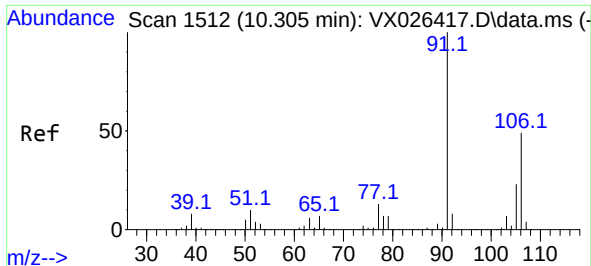


#67
Ethyl Benzene
Concen: 0.720 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX026661.D
Acq: 28 Jan 2022 19:03

Tgt Ion: 91 Resp: 5029

Ion	Ratio	Lower	Upper
91	100		
106	32.0	24.7	37.1

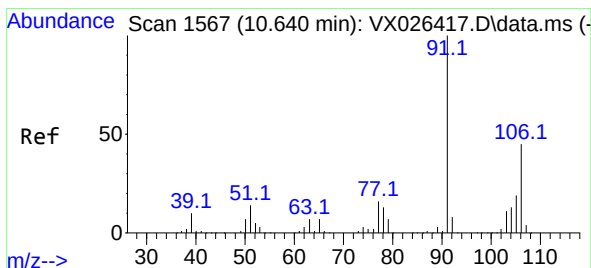
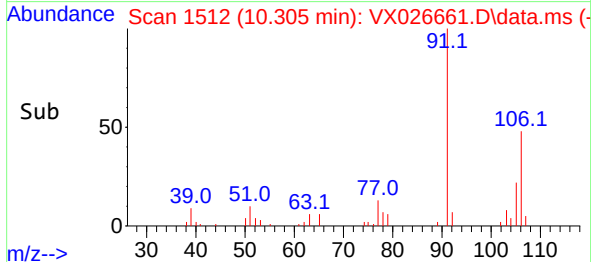
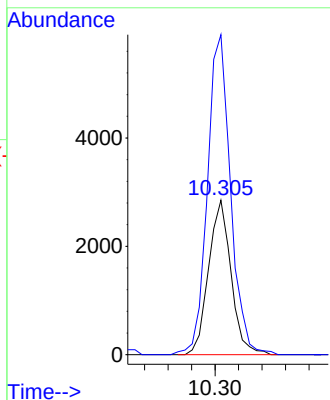
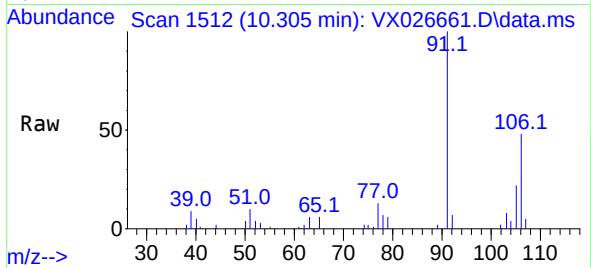




#68
m/p-Xylenes
Concen: 1.451 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX026661.D
Acq: 28 Jan 2022 19:03

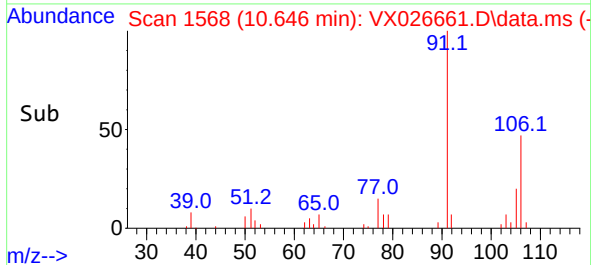
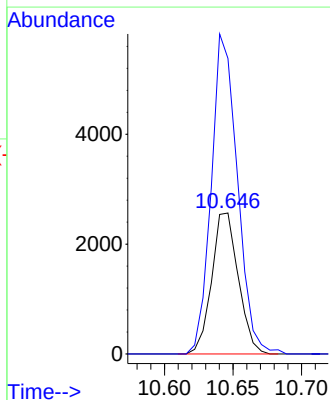
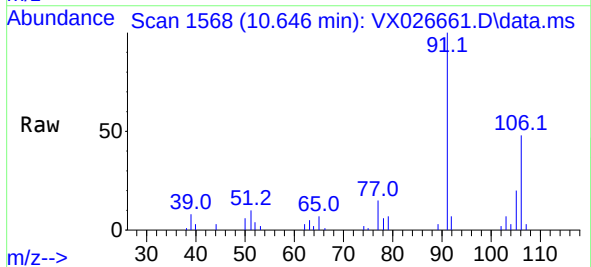
Instrument :
MSVOA_X
ClientSampleId :
GES-2

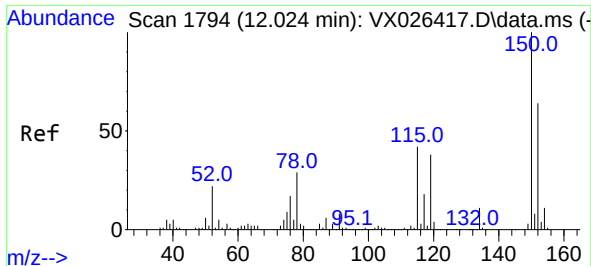
Tgt Ion:106 Resp: 3794
Ion Ratio Lower Upper
106 100
91 213.1 165.3 247.9



#69
o-Xylene
Concen: 1.376 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX026661.D
Acq: 28 Jan 2022 19:03

Tgt Ion:106 Resp: 3471
Ion Ratio Lower Upper
106 100
91 222.8 109.7 329.0

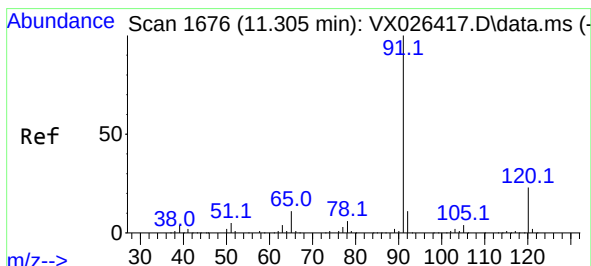
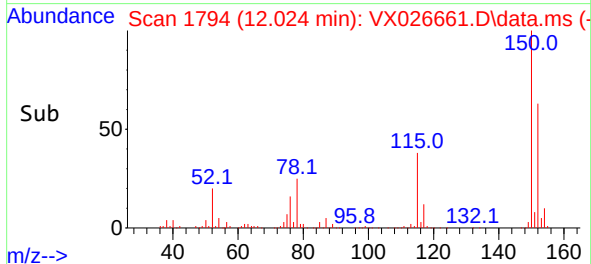
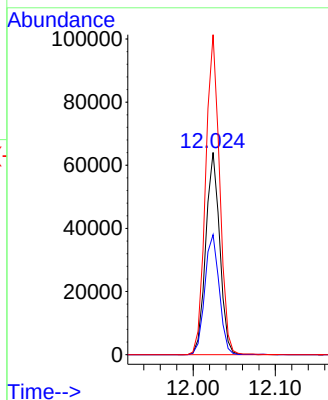
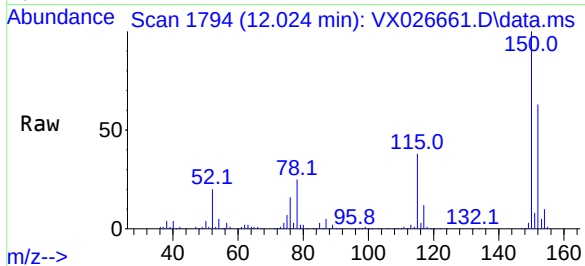




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026661.D
Acq: 28 Jan 2022 19:03

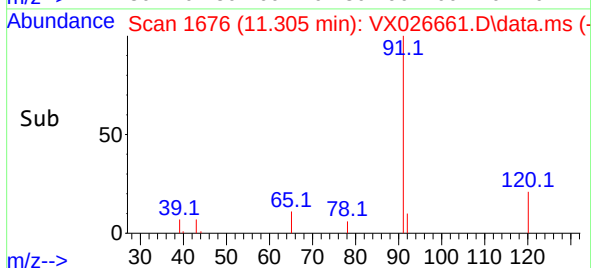
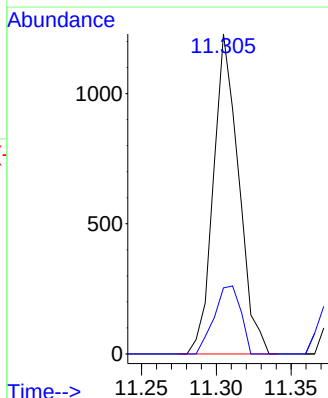
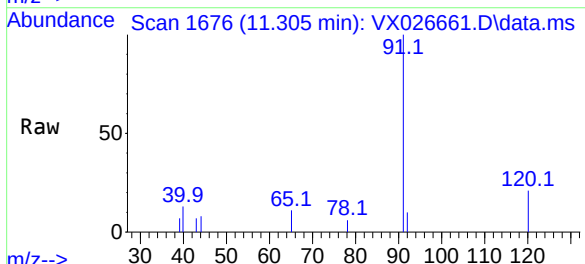
Instrument :
MSVOA_X
ClientSampleId :
GES-2

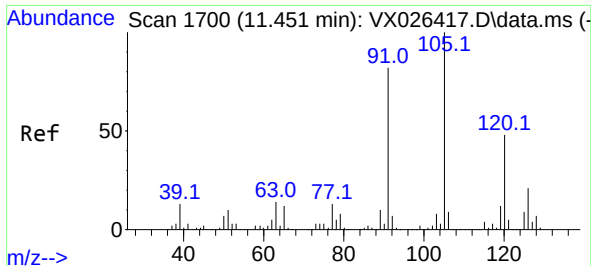
Tgt Ion:152 Resp: 75536
Ion Ratio Lower Upper
152 100
115 61.2 44.2 132.6
150 158.6 0.0 348.2



#78
n-propylbenzene
Concen: 0.205 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX026661.D
Acq: 28 Jan 2022 19:03

Tgt Ion: 91 Resp: 1446
Ion Ratio Lower Upper
91 100
120 22.3 11.6 34.7

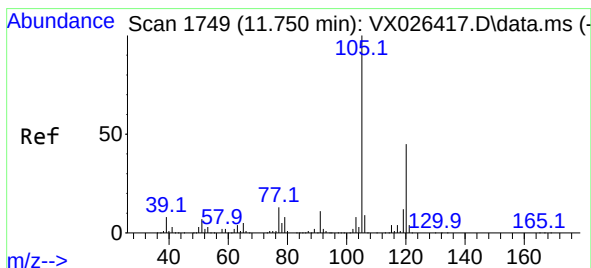
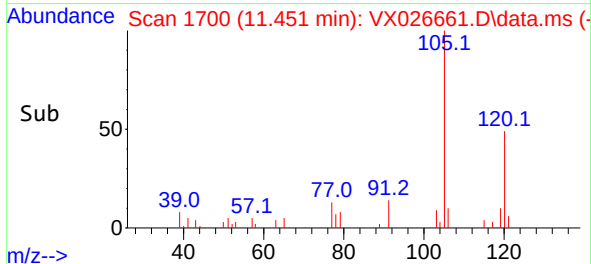
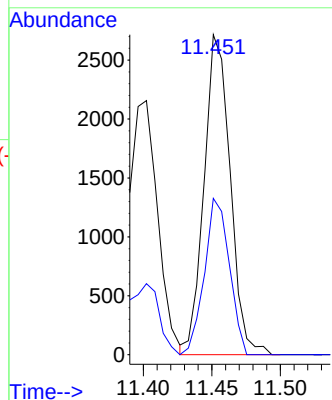
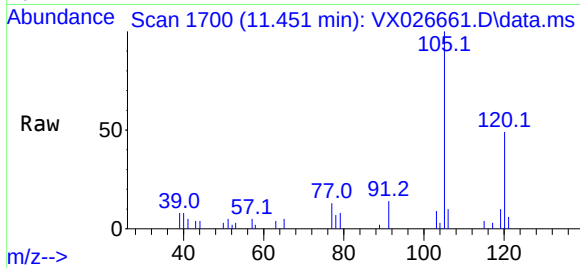




#80
1,3,5-Trimethylbenzene
Concen: 0.706 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026661.D
Acq: 28 Jan 2022 19:03

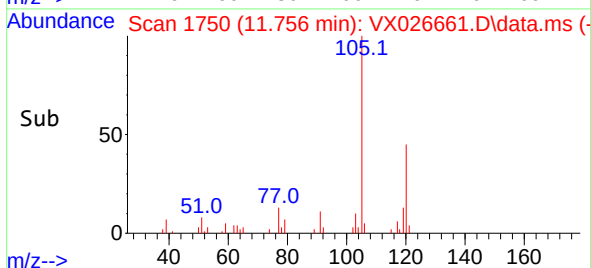
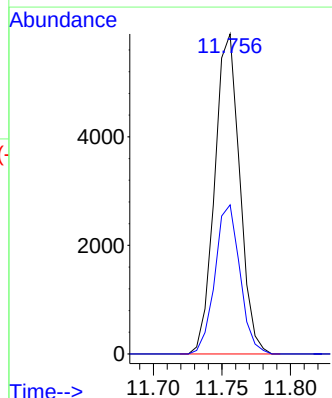
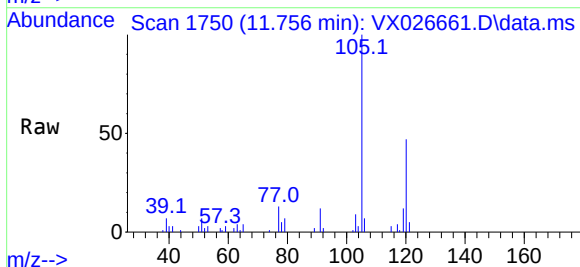
Instrument :
MSVOA_X
ClientSampleId :
GES-2

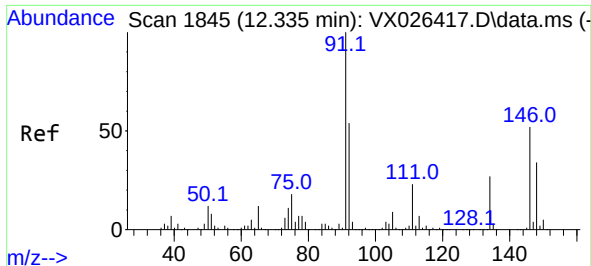
Tgt Ion:105 Resp: 3606
Ion Ratio Lower Upper
105 100
120 46.5 24.0 72.0



#84
1,2,4-Trimethylbenzene
Concen: 1.465 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX026661.D
Acq: 28 Jan 2022 19:03

Tgt Ion:105 Resp: 7480
Ion Ratio Lower Upper
105 100
120 46.5 21.9 65.5





#89

n-Butylbenzene

Concen: 0.615 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX026661.D

Acq: 28 Jan 2022 19:03

Instrument :

MSVOA_X

ClientSampleId :

GES-2

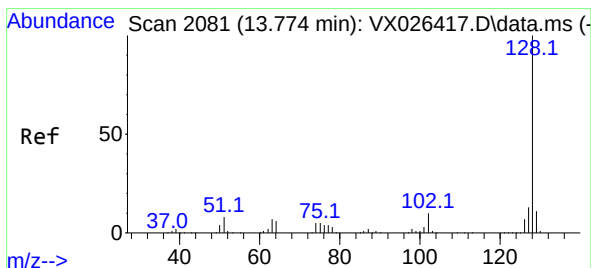
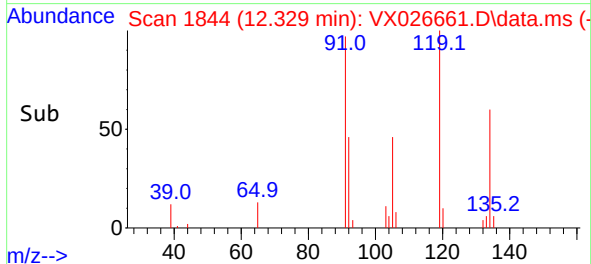
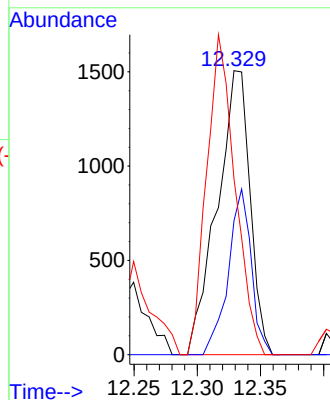
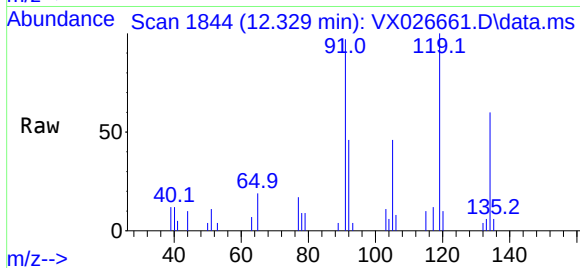
Tgt Ion: 91 Resp: 2729

Ion Ratio Lower Upper

91 100

92 40.6 27.2 81.6

134 97.0 13.1 39.1#



#95

Naphthalene

Concen: 1.166 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX026661.D

Acq: 28 Jan 2022 19:03

Tgt Ion:128 Resp: 6266

Ion Ratio Lower Upper

128 100

127 12.3 10.3 15.5

129 11.1 8.7 13.1

