

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013122\
 Data File : VX026674.D
 Acq On : 31 Jan 2022 12:50
 Operator : JC/MD
 Sample : N1297-12DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GES-1DL

Quant Time: Jan 31 13:58:34 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)

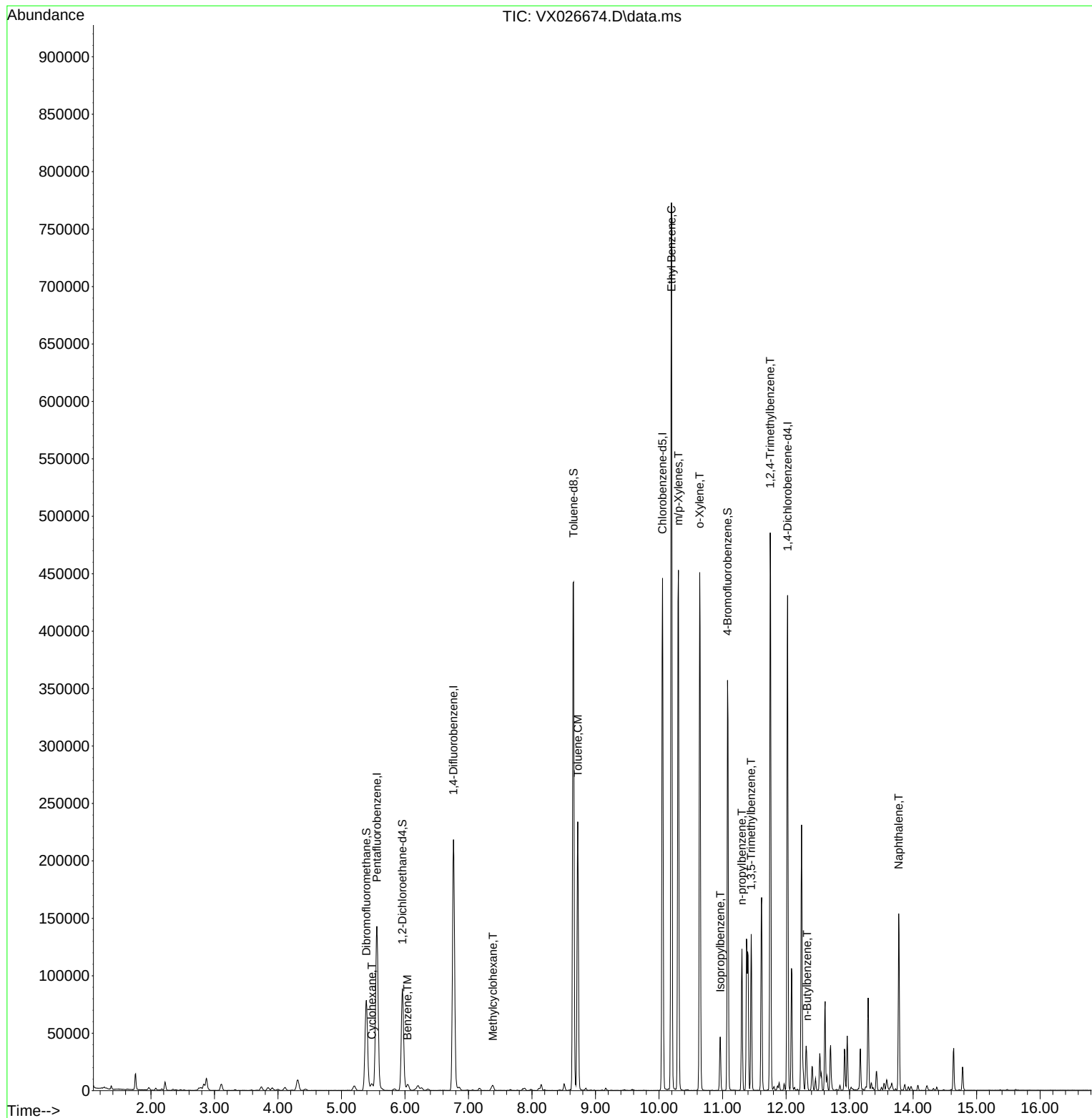
Internal Standards						
1) Pentafluorobenzene	5.556	168	135780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	225347	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84875	44.748	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.500%
35) Dibromofluoromethane	5.391	113	69606	47.832	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.660%
50) Toluene-d8	8.653	98	267139	50.942	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.880%
62) 4-Bromofluorobenzene	11.079	95	97619	52.403	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.800%
Target Compounds						
					Qvalue	
31) Cyclohexane	5.477	56	3883	1.388	ug/l #	88
39) Methylcyclohexane	7.385	83	2012	0.726	ug/l	95
40) Benzene	6.038	78	6326	0.996	ug/l	100
52) Toluene	8.720	92	88125	22.632	ug/l	100
67) Ethyl Benzene	10.195	91	430890	54.575	ug/l	98
68) m/p-Xylenes	10.305	106	105883	35.836	ug/l	99
69) o-Xylene	10.640	106	96122	33.715	ug/l	98
73) Isopropylbenzene	10.963	105	23947	3.302	ug/l	99
78) n-propylbenzene	11.305	91	71784	8.680	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	55561	9.293	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	212203	35.486	ug/l	97
89) n-Butylbenzene	12.329	91	6993	1.345	ug/l #	36
95) Naphthalene	13.774	128	93843	14.912	ug/l	100

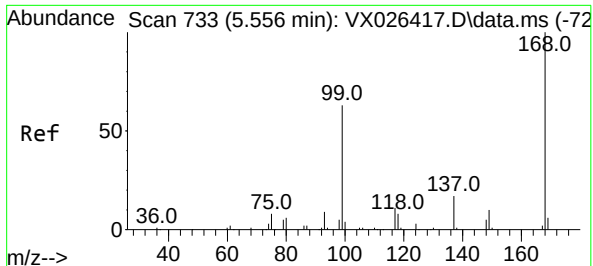
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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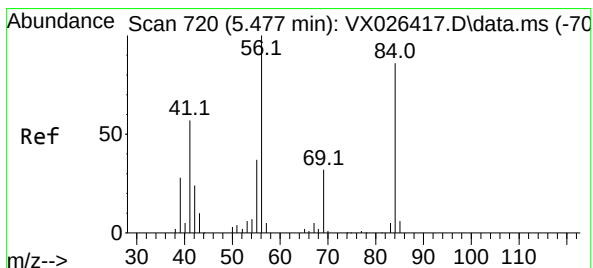
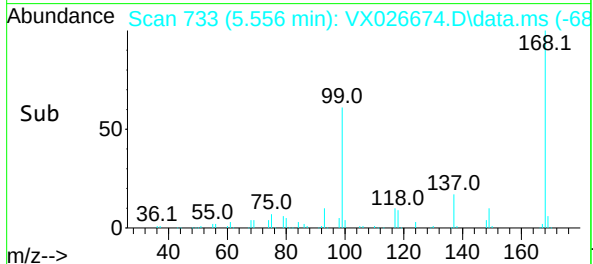
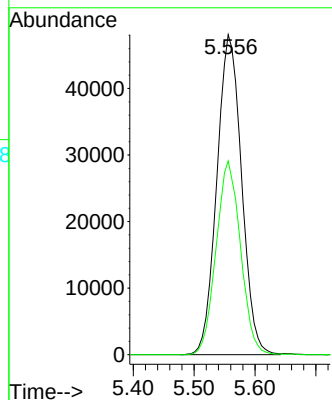
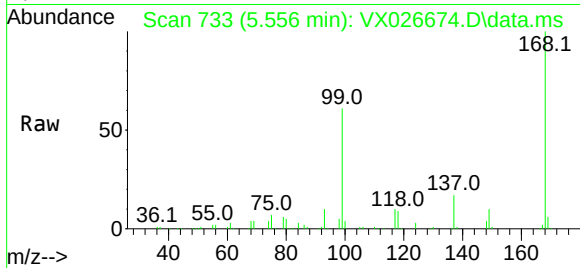




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX026674.D
Acq: 31 Jan 2022 12:50

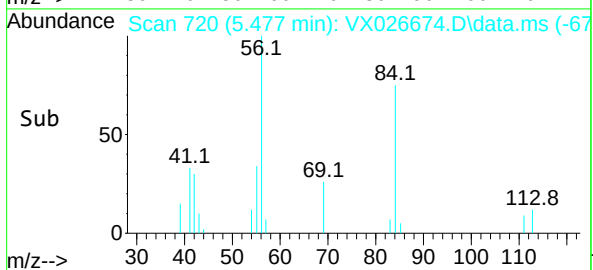
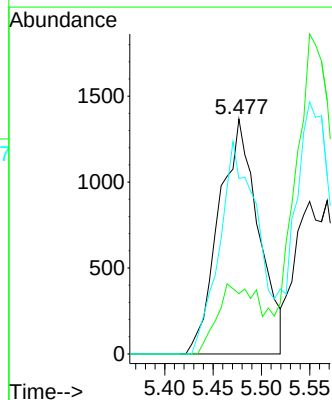
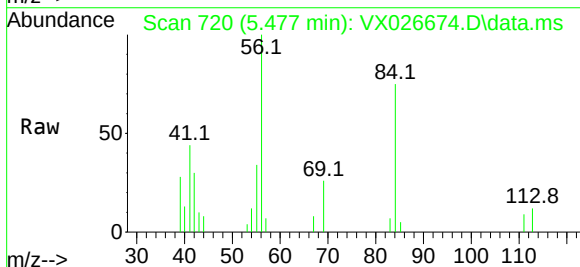
Instrument :
MSVOA_X
ClientSampleId :
GES-1DL

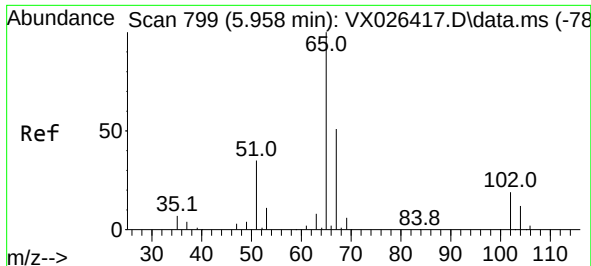
Tgt Ion:168 Resp: 135780
Ion Ratio Lower Upper
168 100
99 60.5 50.3 75.5



#31
Cyclohexane
Concen: 1.388 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.000 min
Lab File: VX026674.D
Acq: 31 Jan 2022 12:50

Tgt Ion: 56 Resp: 3883
Ion Ratio Lower Upper
56 100
69 25.7 25.8 38.6#
84 74.7 68.9 103.3

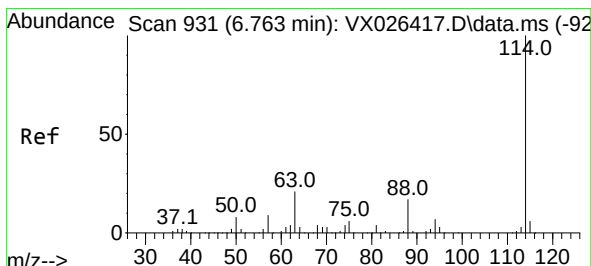
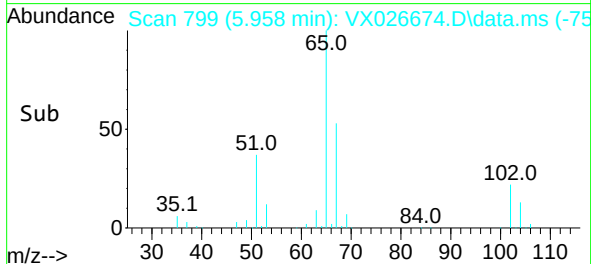
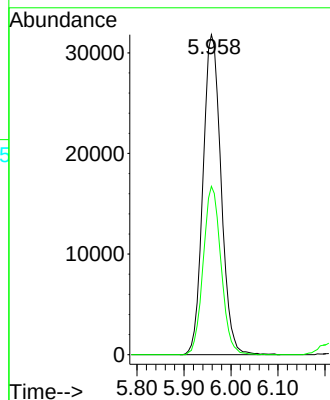
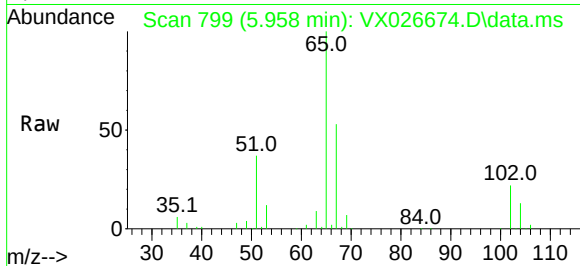




#33
 1,2-Dichloroethane-d4
 Concen: 44.748 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX026674.D
 Acq: 31 Jan 2022 12:50

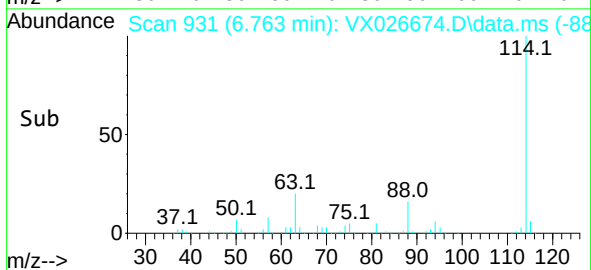
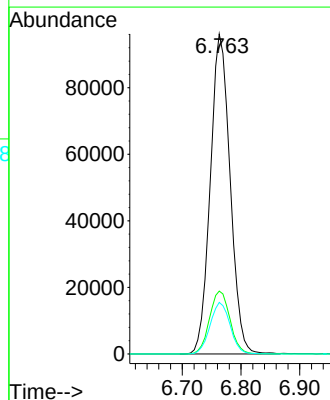
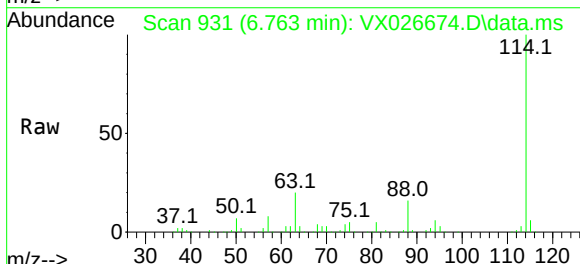
Instrument :
 MSVOA_X
 ClientSampleId :
 GES-1DL

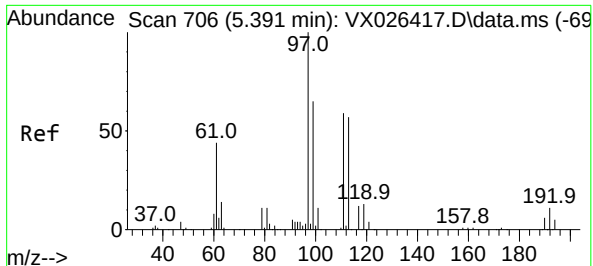
Tgt Ion: 65 Resp: 84875
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX026674.D
 Acq: 31 Jan 2022 12:50

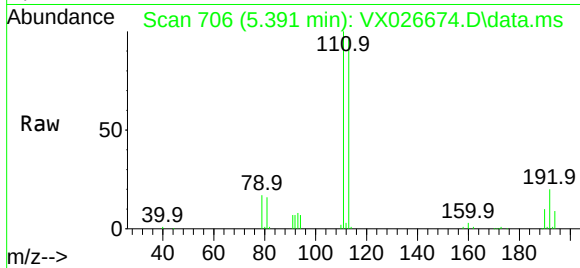
Tgt Ion: 114 Resp: 225347
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 42.8
 88 16.1 0.0 33.0



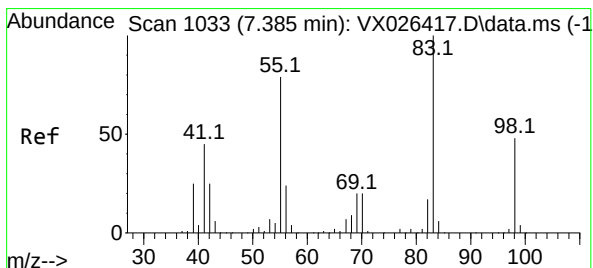
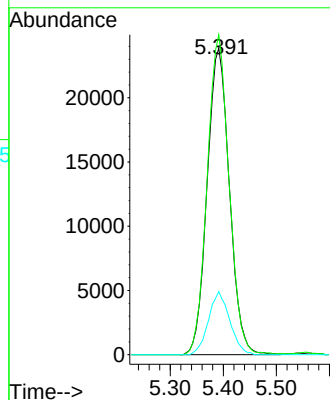
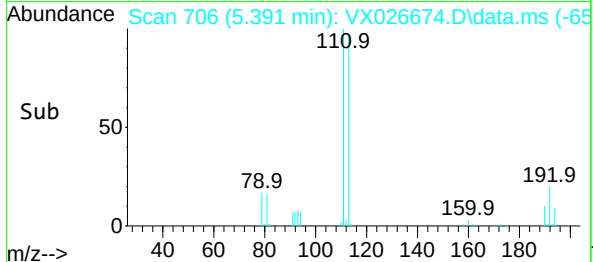


#35
Dibromofluoromethane
Concen: 47.832 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026674.D
Acq: 31 Jan 2022 12:50

Instrument :
MSVOA_X
ClientSampleId :
GES-1DL

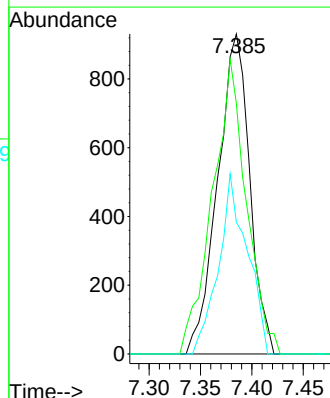
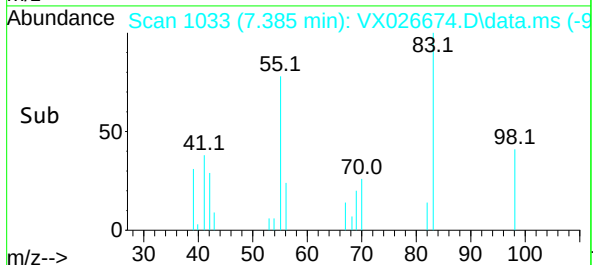
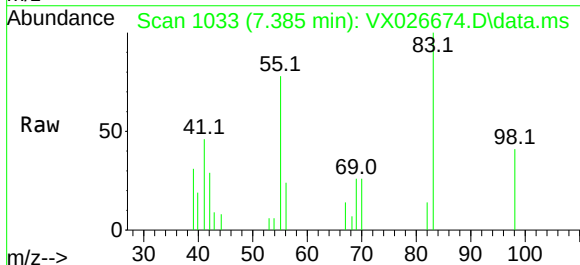


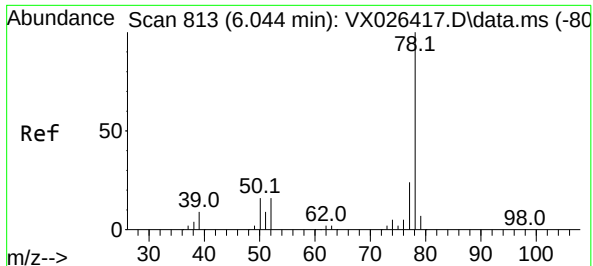
Tgt Ion:113 Resp: 69606
Ion Ratio Lower Upper
113 100
111 102.5 81.2 121.8
192 19.6 15.0 22.4



#39
Methylcyclohexane
Concen: 0.726 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX026674.D
Acq: 31 Jan 2022 12:50

Tgt Ion: 83 Resp: 2012
Ion Ratio Lower Upper
83 100
55 78.3 63.6 95.4
98 41.1 38.4 57.6





#40

Benzene

Concen: 0.996 ug/l

RT: 6.038 min Scan# 81

Delta R.T. -0.006 min

Lab File: VX026674.D

Acq: 31 Jan 2022 12:50

Instrument :

MSVOA_X

ClientSampleId :

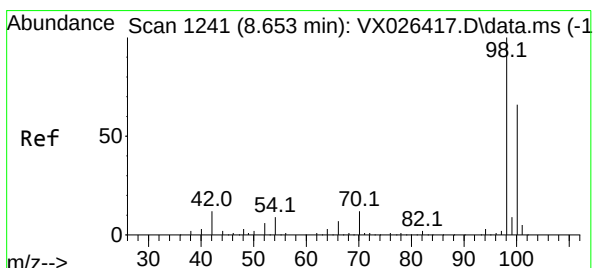
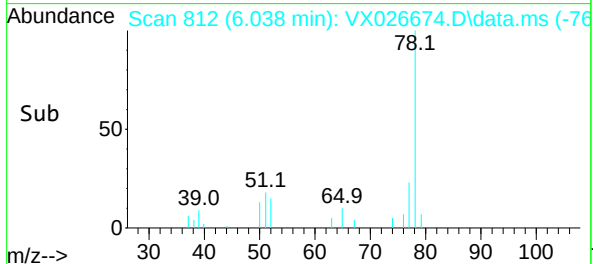
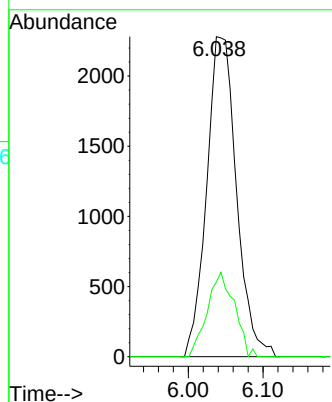
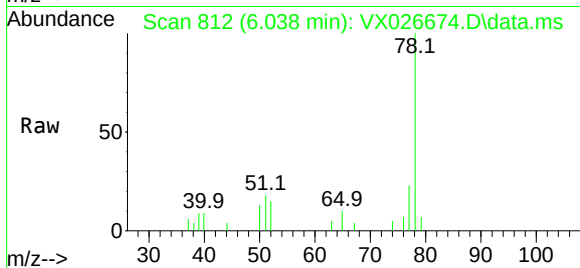
GES-1DL

Tgt Ion: 78 Resp: 6326

Ion Ratio Lower Upper

78 100

77 23.4 18.9 28.3



#50

Toluene-d8

Concen: 50.942 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026674.D

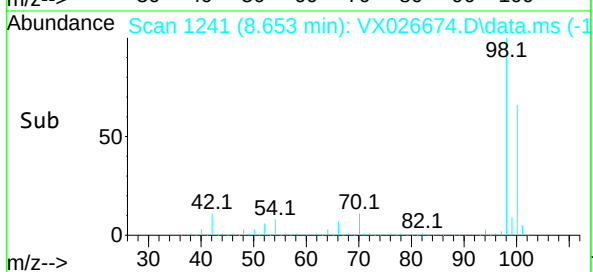
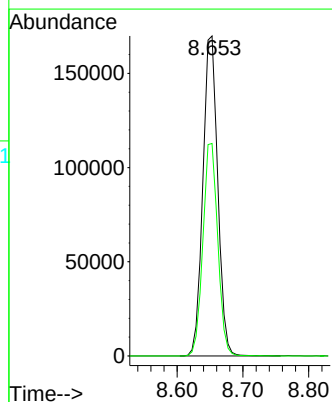
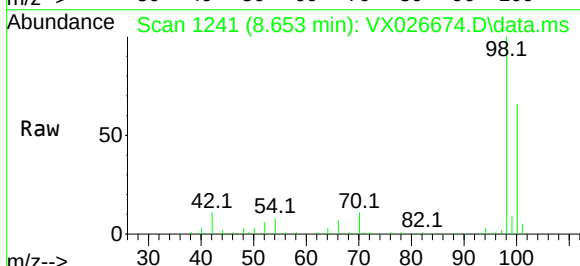
Acq: 31 Jan 2022 12:50

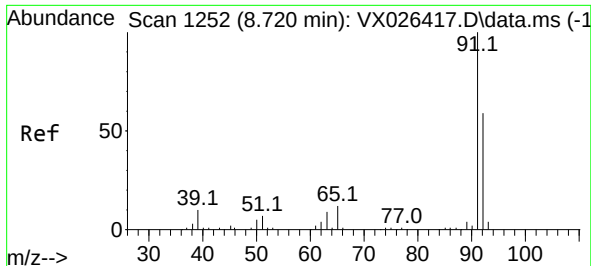
Tgt Ion: 98 Resp: 267139

Ion Ratio Lower Upper

98 100

100 66.4 53.2 79.8

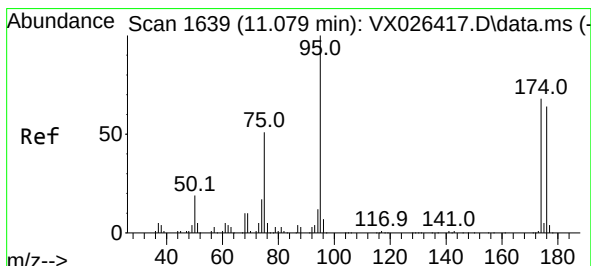
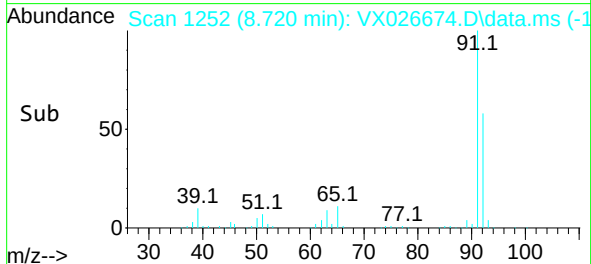
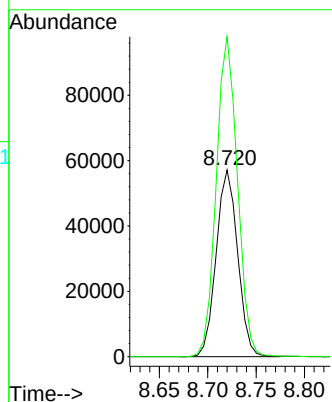
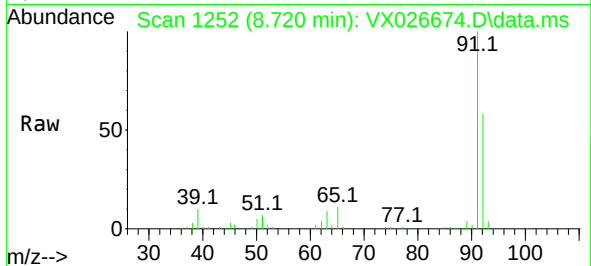




#52
Toluene
Concen: 22.632 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026674.D
Acq: 31 Jan 2022 12:50

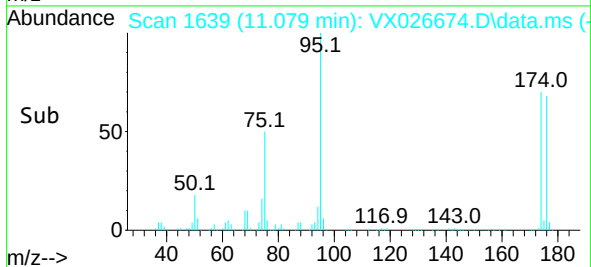
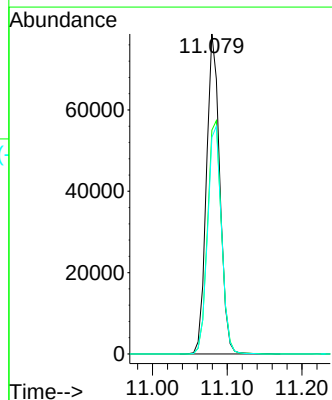
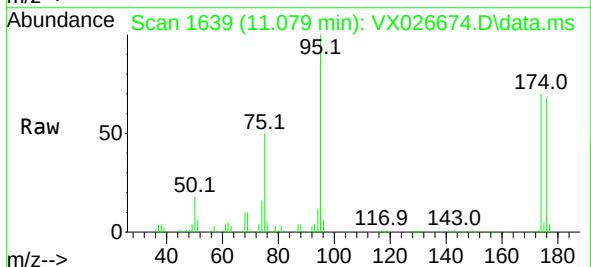
Instrument :
MSVOA_X
ClientSampleId :
GES-1DL

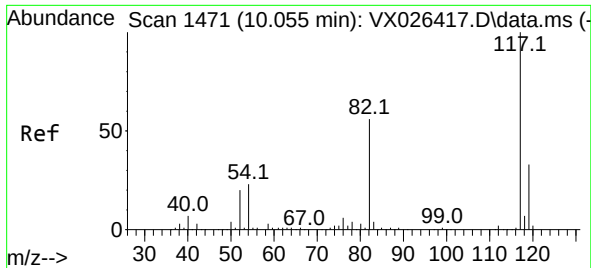
Tgt Ion: 92 Resp: 88125
Ion Ratio Lower Upper
92 100
91 169.1 135.7 203.5



#62
4-Bromofluorobenzene
Concen: 52.403 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026674.D
Acq: 31 Jan 2022 12:50

Tgt Ion: 95 Resp: 97619
Ion Ratio Lower Upper
95 100
174 75.7 0.0 148.6
176 74.0 0.0 141.4

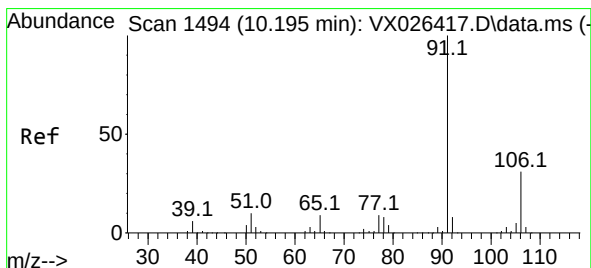
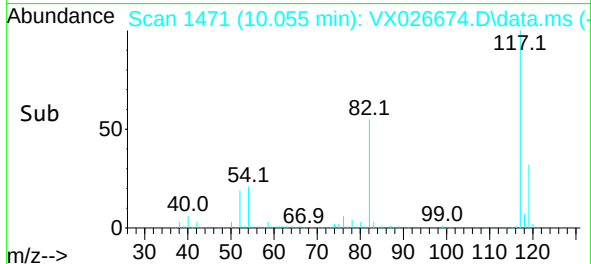
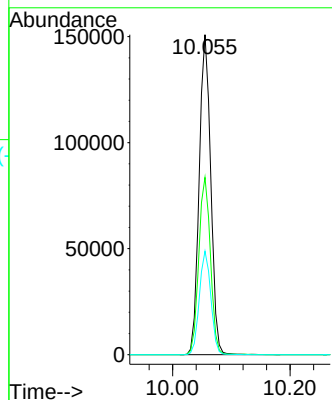
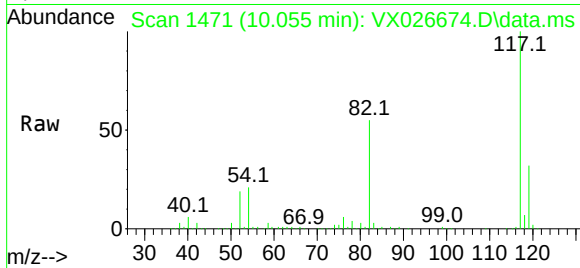




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026674.D
Acq: 31 Jan 2022 12:50

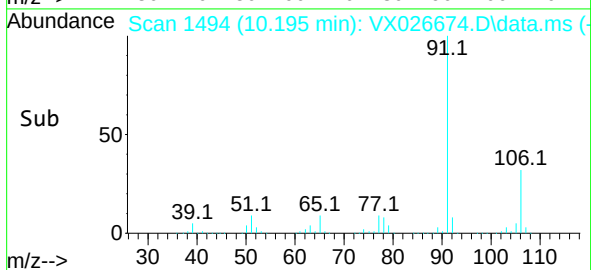
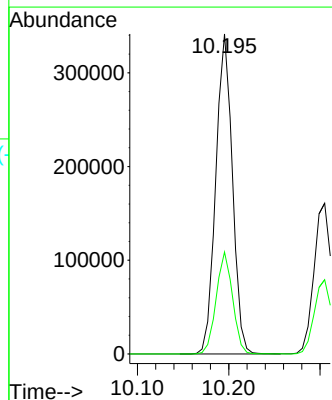
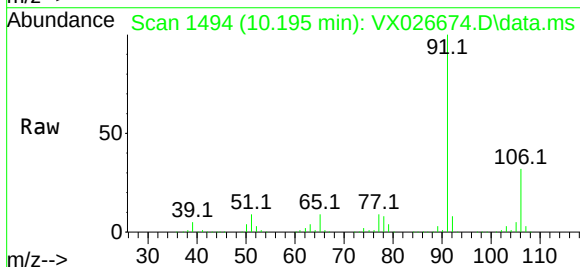
Instrument :
MSVOA_X
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GES-1DL

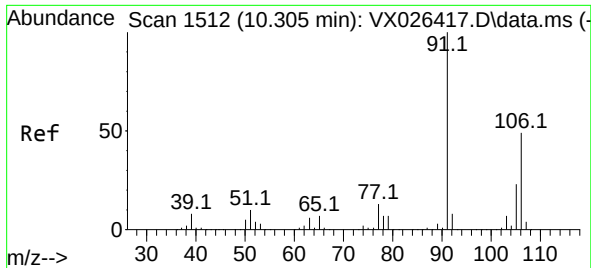
Tgt Ion:117 Resp: 206315
Ion Ratio Lower Upper
117 100
82 55.4 45.2 67.8
119 32.3 26.2 39.2



#67
Ethyl Benzene
Concen: 54.575 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026674.D
Acq: 31 Jan 2022 12:50

Tgt Ion: 91 Resp: 430890
Ion Ratio Lower Upper
91 100
106 31.9 24.7 37.1

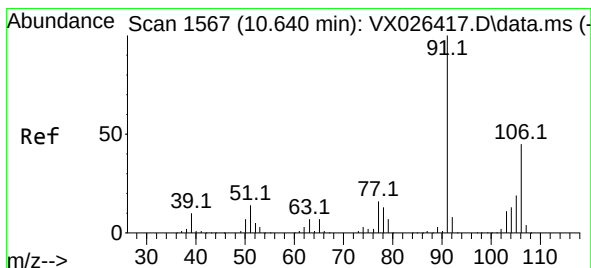
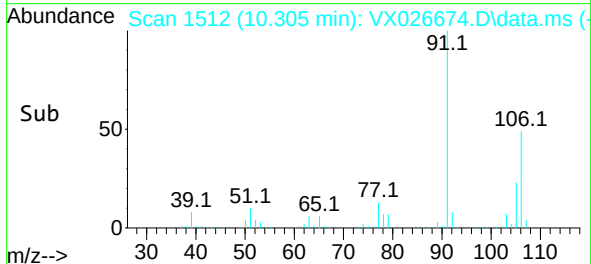
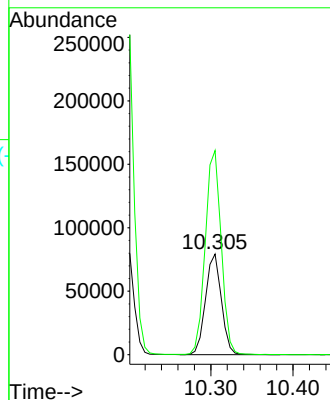
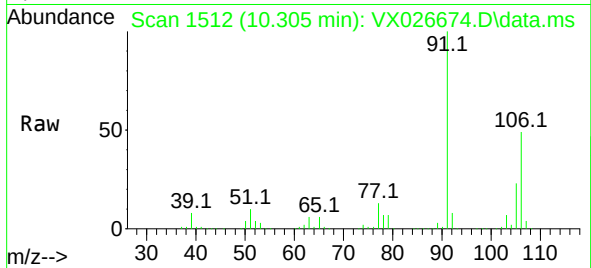




#68
m/p-Xylenes
Concen: 35.836 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX026674.D
Acq: 31 Jan 2022 12:50

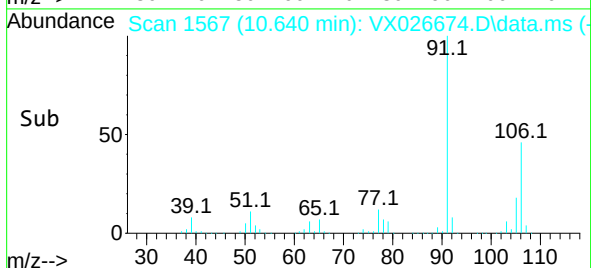
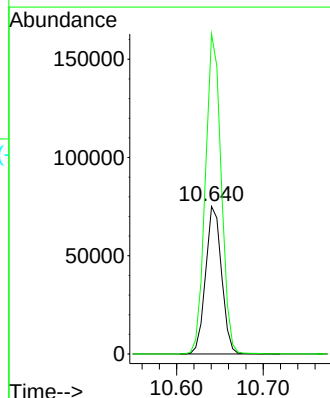
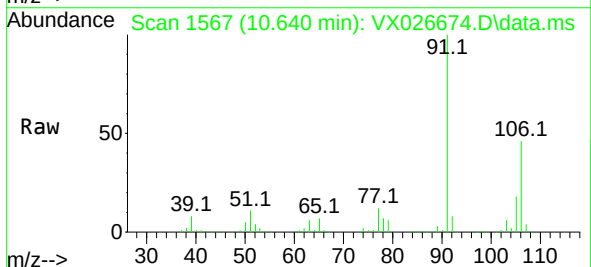
Instrument :
MSVOA_X
ClientSampleId :
GES-1DL

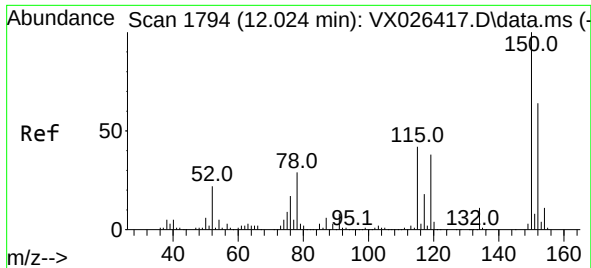
Tgt Ion:106 Resp: 105883
Ion Ratio Lower Upper
106 100
91 204.9 165.3 247.9



#69
o-Xylene
Concen: 33.715 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX026674.D
Acq: 31 Jan 2022 12:50

Tgt Ion:106 Resp: 96122
Ion Ratio Lower Upper
106 100
91 215.6 109.7 329.0

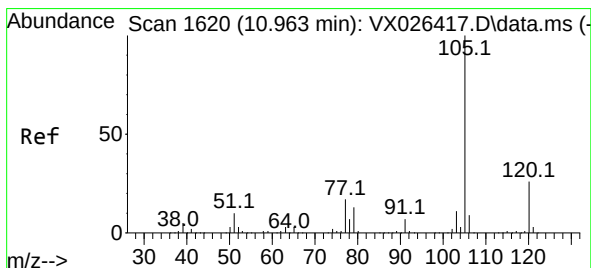
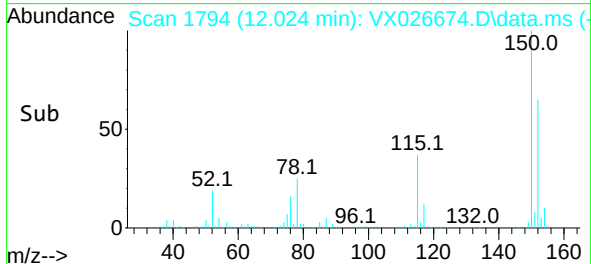
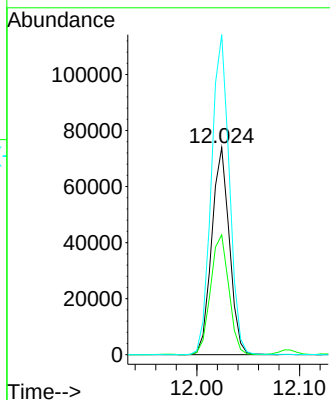
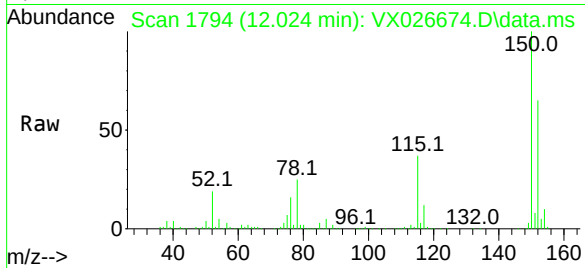




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026674.D
Acq: 31 Jan 2022 12:50

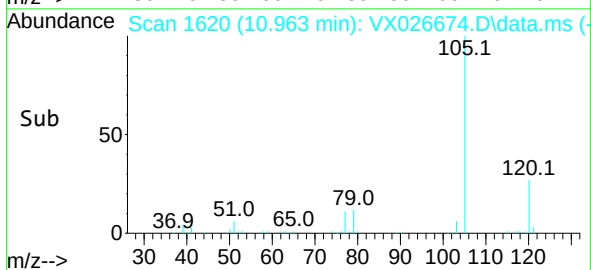
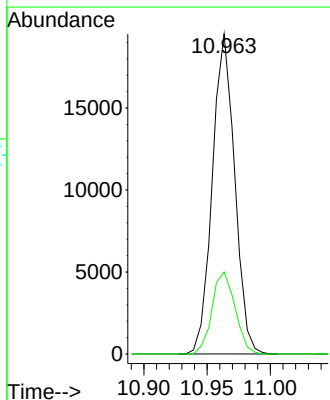
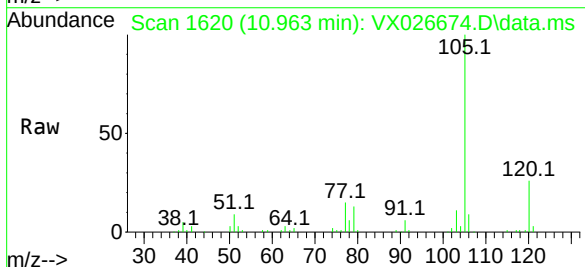
Instrument :
MSVOA_X
ClientSampleId :
GES-1DL

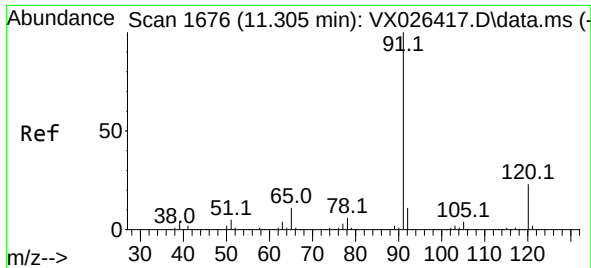
Tgt Ion:152 Resp: 88473
Ion Ratio Lower Upper
152 100
115 59.8 44.2 132.6
150 156.9 0.0 348.2



#73
Isopropylbenzene
Concen: 3.302 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX026674.D
Acq: 31 Jan 2022 12:50

Tgt Ion:105 Resp: 23947
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1

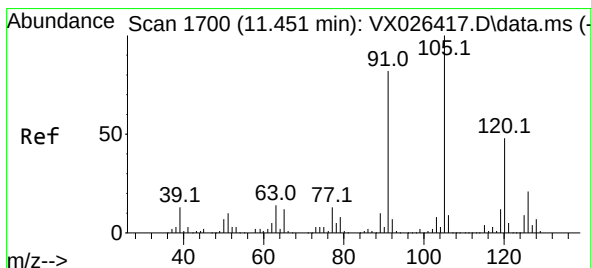
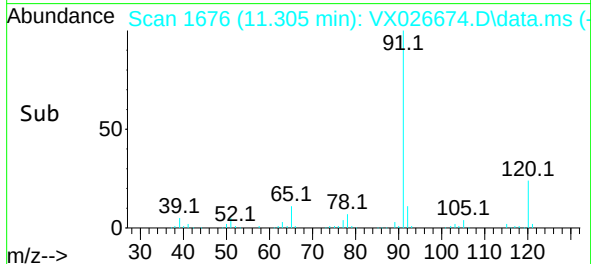
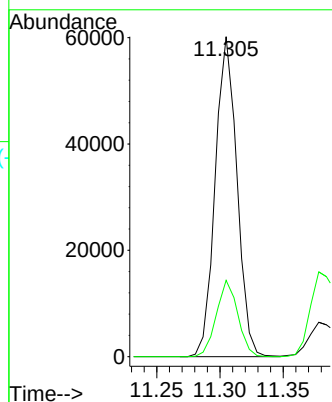
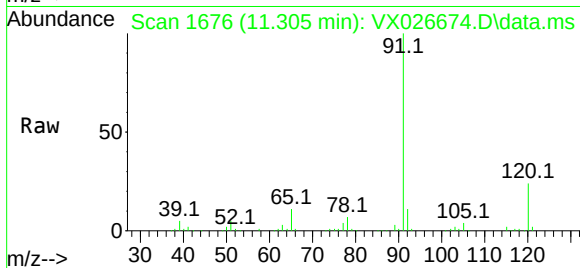




#78
n-propylbenzene
Concen: 8.680 ug/l
RT: 11.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026674.D
Acq: 31 Jan 2022 12:50

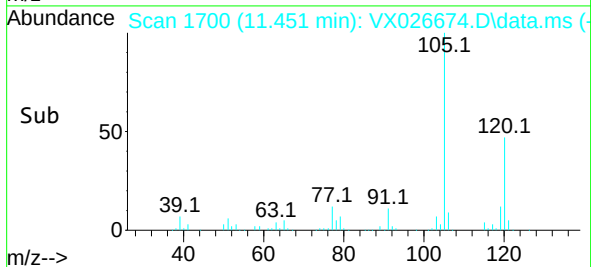
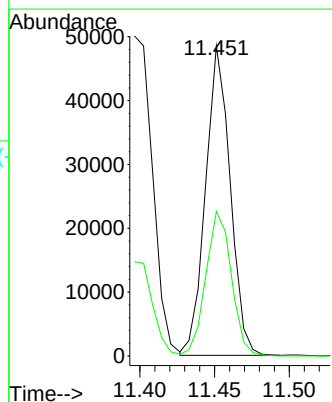
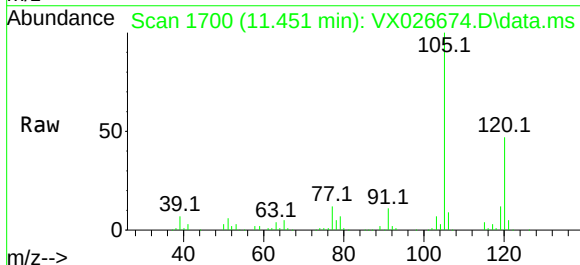
Instrument :
MSVOA_X
ClientSampleId :
GES-1DL

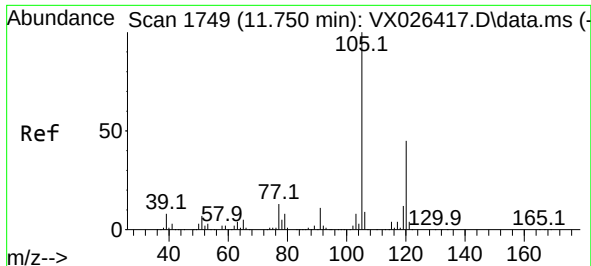
Tgt Ion: 91 Resp: 71784
Ion Ratio Lower Upper
91 100
120 23.6 11.6 34.7



#80
1,3,5-Trimethylbenzene
Concen: 9.293 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX026674.D
Acq: 31 Jan 2022 12:50

Tgt Ion: 105 Resp: 55561
Ion Ratio Lower Upper
105 100
120 48.6 24.0 72.0

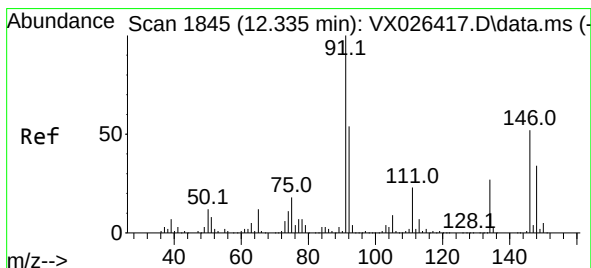
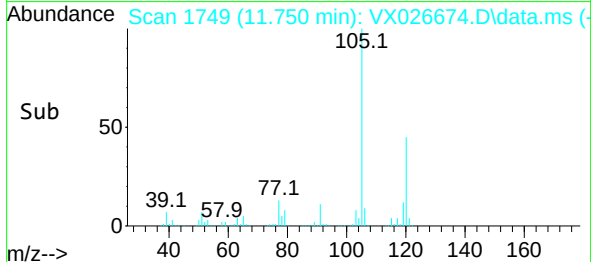
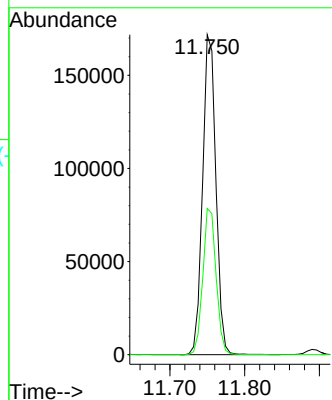
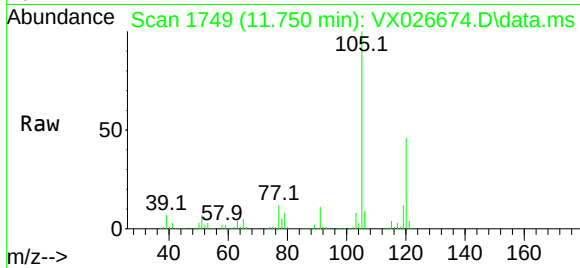




#84
1,2,4-Trimethylbenzene
Concen: 35.486 ug/l
RT: 11.750 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026674.D
Acq: 31 Jan 2022 12:50

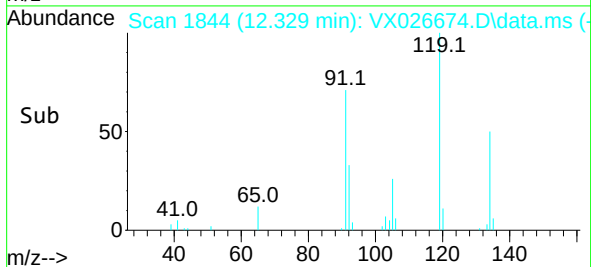
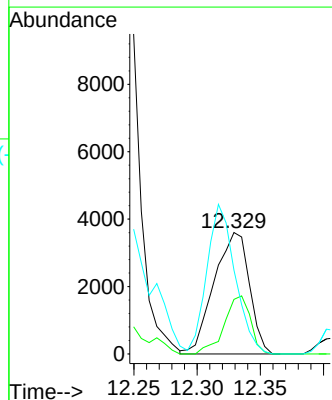
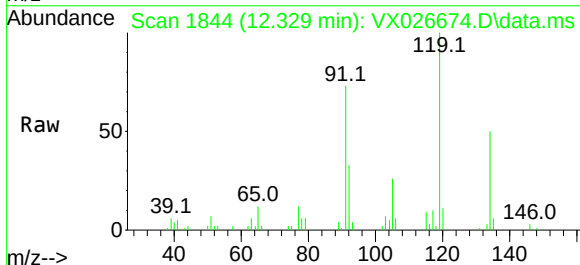
Instrument :
MSVOA_X
ClientSampleId :
GES-1DL

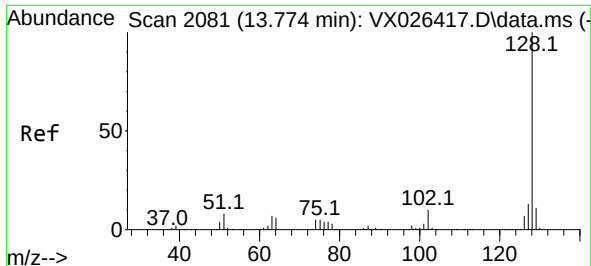
Tgt Ion:105 Resp: 212203
Ion Ratio Lower Upper
105 100
120 45.6 21.9 65.5



#89
n-Butylbenzene
Concen: 1.345 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX026674.D
Acq: 31 Jan 2022 12:50

Tgt Ion: 91 Resp: 6993
Ion Ratio Lower Upper
91 100
92 35.4 27.2 81.6
134 98.8 13.1 39.1#





#95

Naphthalene

Concen: 14.912 ug/l

RT: 13.774 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX026674.D

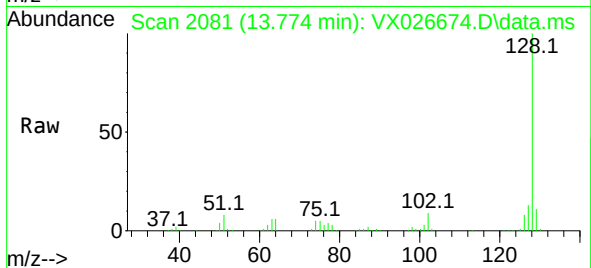
Acq: 31 Jan 2022 12:50

Instrument :

MSVOA_X

ClientSampleId :

GES-1DL



Tgt Ion:128 Resp: 93843

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.8 8.7 13.1

