

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110822\  
 Data File : VX032650.D  
 Acq On : 08 Nov 2022 13:43  
 Operator : JC/MD  
 Sample : N5484-21  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 GES-2

Quant Time: Nov 09 04:38:17 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

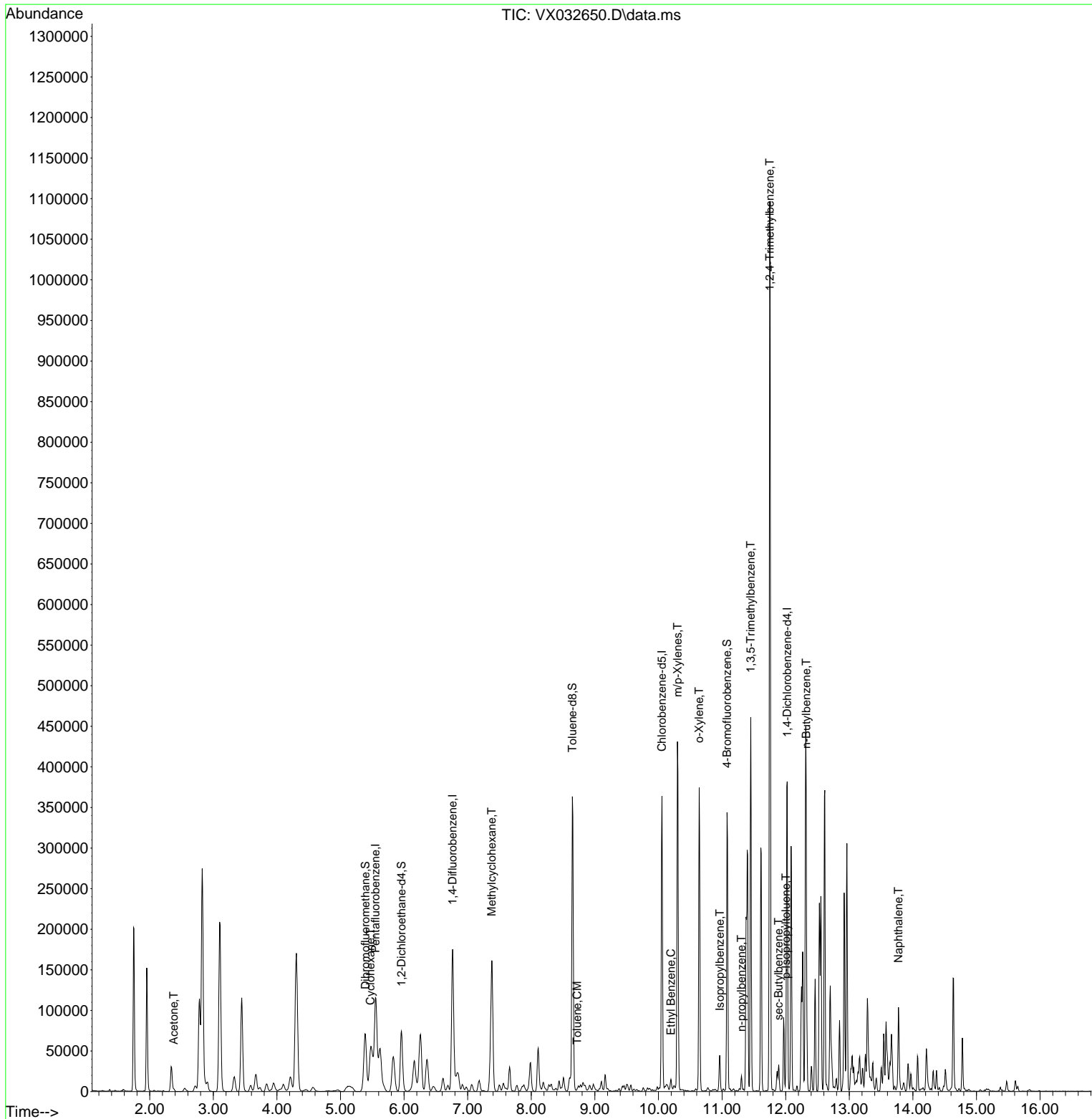
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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Internal Standards						
1) Pentafluorobenzene	5.550	168	106141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	174657	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	155542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74439	50.474	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	100.940%	
35) Dibromofluoromethane	5.391	113	57200	45.913	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	91.820%	
50) Toluene-d8	8.647	98	211322	48.781	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	97.560%	
62) 4-Bromofluorobenzene	11.079	95	83472	49.327	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	98.660%	
Target Compounds						
						Qvalue
16) Acetone	2.380	43	2698	5.033	ug/l #	79
31) Cyclohexane	5.471	56	39733	22.220	ug/l #	95
39) Methylcyclohexane	7.379	83	68210	33.230	ug/l	94
52) Toluene	8.720	92	872	0.272	ug/l	82
67) Ethyl Benzene	10.195	91	7233	1.161	ug/l	99
68) m/p-Xylenes	10.299	106	96332	39.817	ug/l	98
69) o-Xylene	10.640	106	77114	32.782	ug/l	99
73) Isopropylbenzene	10.963	105	21554	3.518	ug/l	97
78) n-propylbenzene	11.305	91	10844	1.536	ug/l #	52
80) 1,3,5-Trimethylbenzene	11.451	105	186694	35.655	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	464292	89.153	ug/l	100
85) sec-Butylbenzene	11.890	105	16597	2.639	ug/l	95
86) p-Isopropyltoluene	12.006	119	13100	2.454	ug/l	94
89) n-Butylbenzene	12.323	91	58416	12.580	ug/l #	17
95) Naphthalene	13.774	128	62163	10.242	ug/l	97
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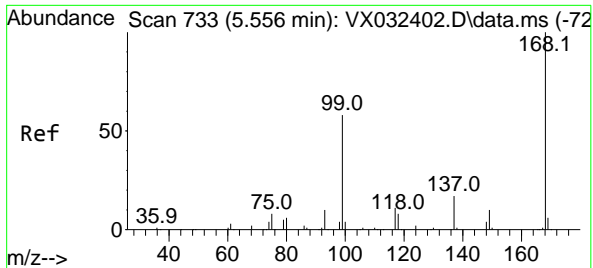
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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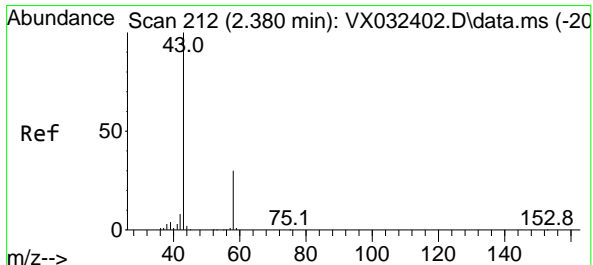
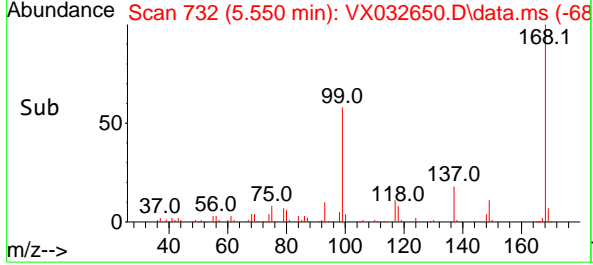
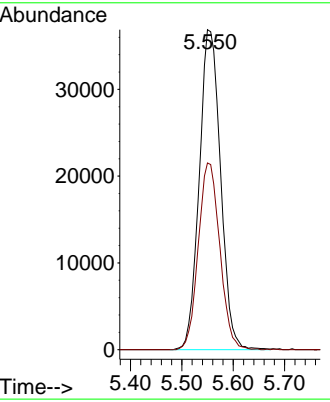
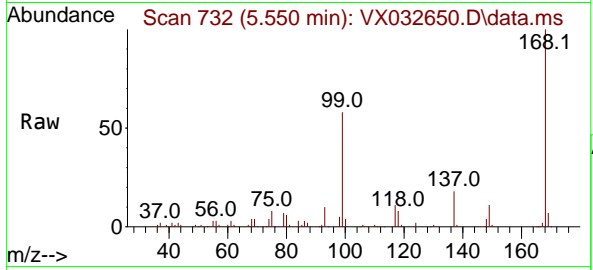




#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.550 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: VX032650.D  
 Acq: 08 Nov 2022 13:43

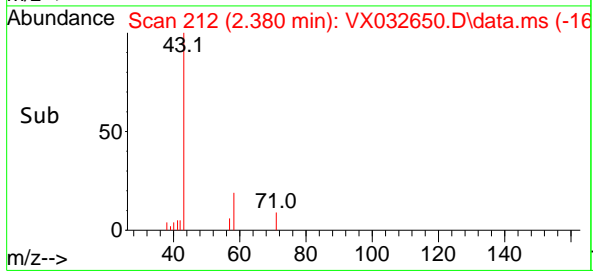
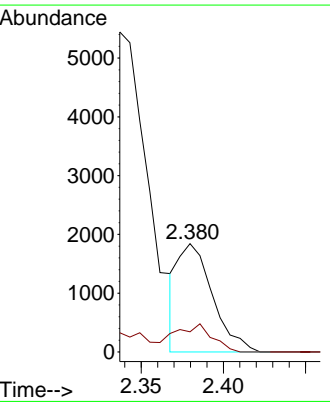
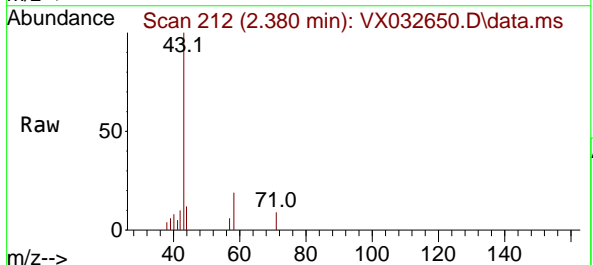
Instrument : MSVOA\_X  
 ClientSampleId : GES-2

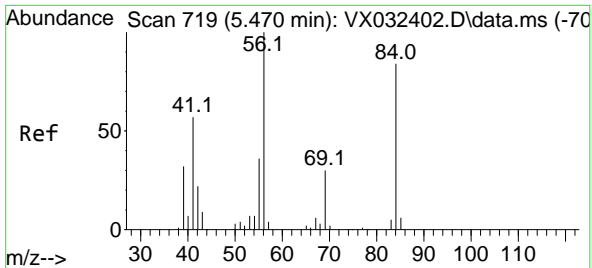
Tgt Ion:168 Resp: 106141  
 Ion Ratio Lower Upper  
 168 100  
 99 58.4 46.1 69.1



#16  
 Acetone  
 Concen: 5.033 ug/l  
 RT: 2.380 min Scan# 212  
 Delta R.T. 0.000 min  
 Lab File: VX032650.D  
 Acq: 08 Nov 2022 13:43

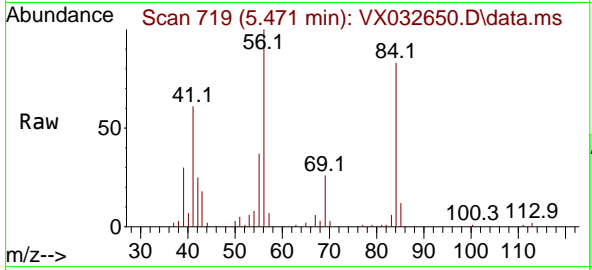
Tgt Ion: 43 Resp: 2698  
 Ion Ratio Lower Upper  
 43 100  
 58 18.7 23.8 35.8#



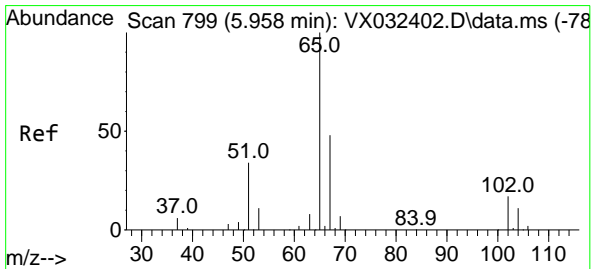
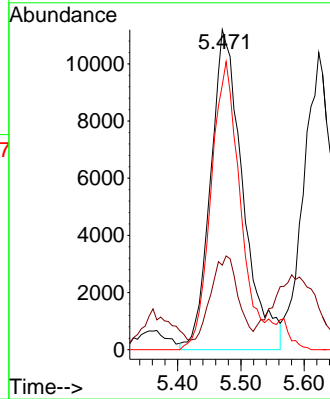
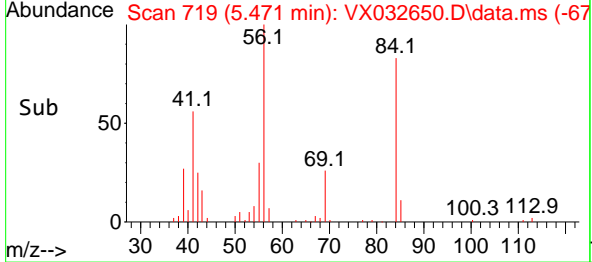


#31  
 Cyclohexane  
 Concen: 22.220 ug/l  
 RT: 5.471 min Scan# 719  
 Delta R.T. 0.000 min  
 Lab File: VX032650.D  
 Acq: 08 Nov 2022 13:43

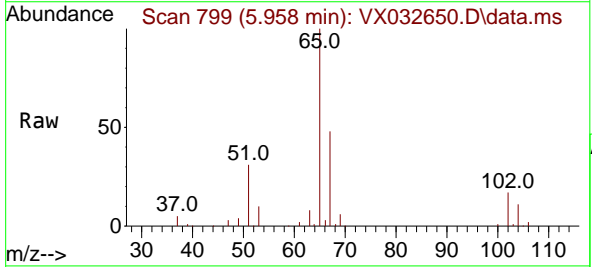
Instrument : MSVOA\_X  
 ClientSampleId : GES-2



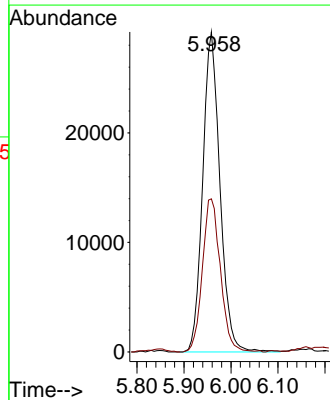
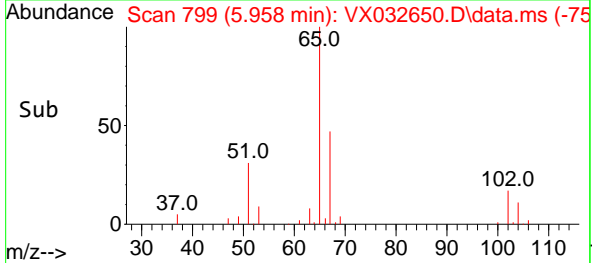
Tgt Ion: 56 Resp: 39733  
 Ion Ratio Lower Upper  
 56 100  
 69 20.9 24.1 36.1#  
 84 84.3 66.9 100.3

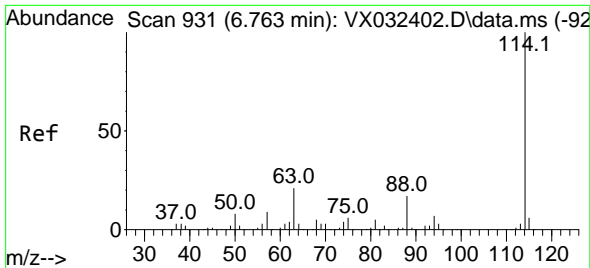


#33  
 1,2-Dichloroethane-d4  
 Concen: 50.474 ug/l  
 RT: 5.958 min Scan# 799  
 Delta R.T. 0.000 min  
 Lab File: VX032650.D  
 Acq: 08 Nov 2022 13:43



Tgt Ion: 65 Resp: 74439  
 Ion Ratio Lower Upper  
 65 100  
 67 50.0 0.0 101.8



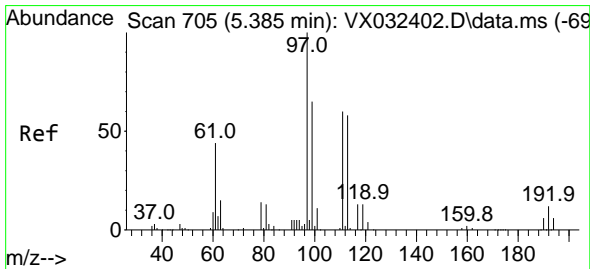
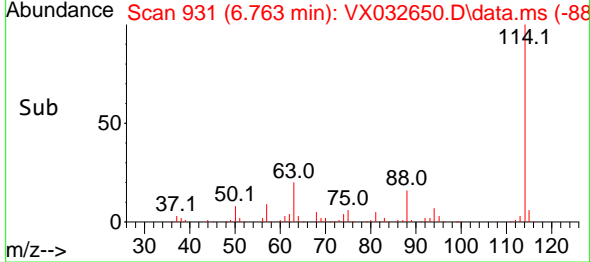
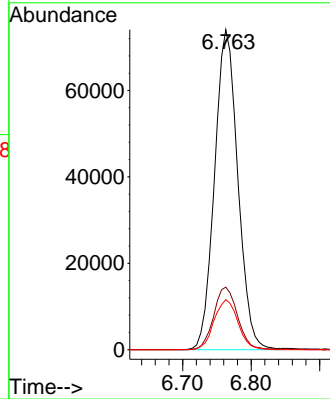
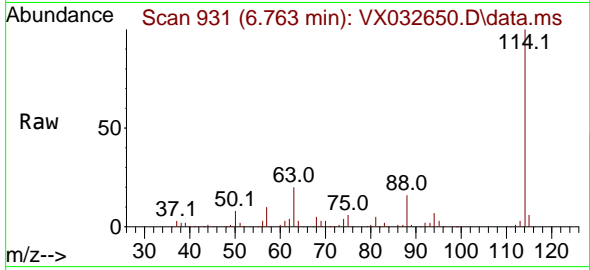


#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 911  
 Delta R.T. 0.000 min  
 Lab File: VX032650.D  
 Acq: 08 Nov 2022 13:43

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 GES-2

Tgt Ion:114 Resp: 174657

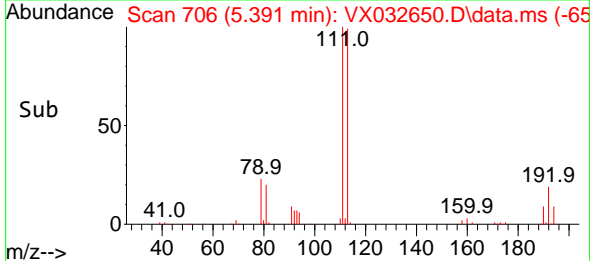
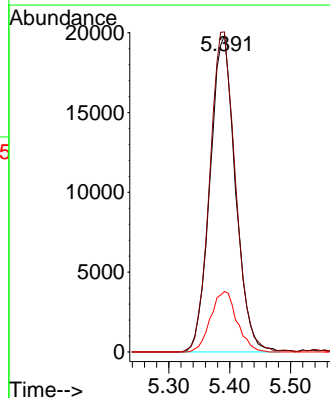
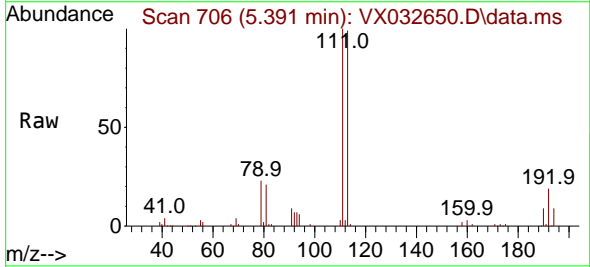
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	41.6
88	15.7	0.0	33.4

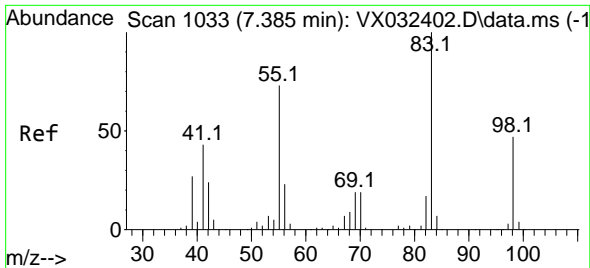


#35  
 Dibromofluoromethane  
 Concen: 45.913 ug/l  
 RT: 5.391 min Scan# 706  
 Delta R.T. 0.006 min  
 Lab File: VX032650.D  
 Acq: 08 Nov 2022 13:43

Tgt Ion:113 Resp: 57200

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.4	123.6
192	19.8	15.4	23.2

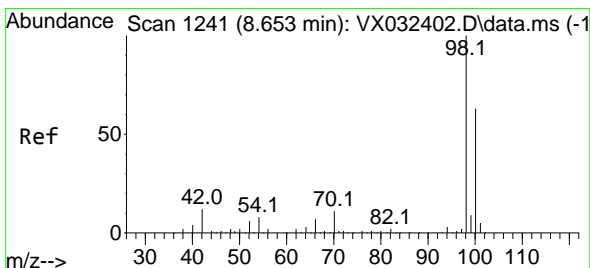
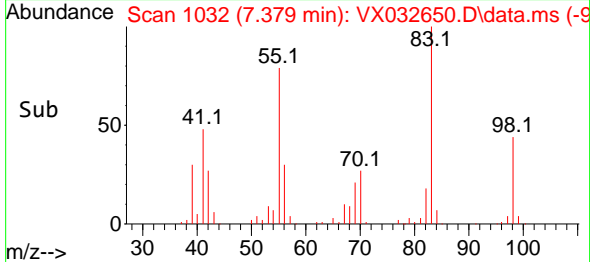
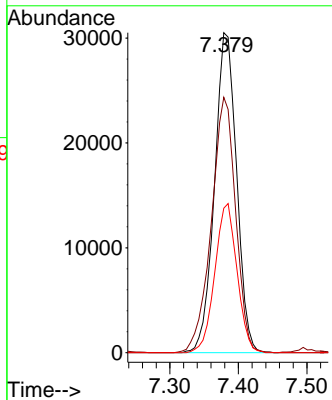
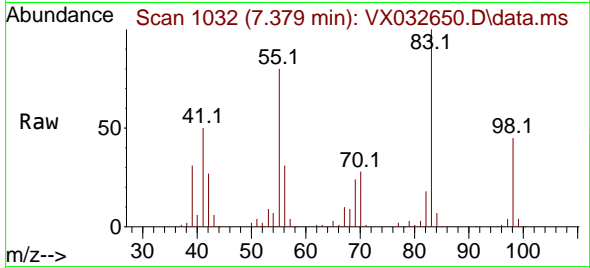




#39  
 Methylcyclohexane  
 Concen: 33.230 ug/l  
 RT: 7.379 min Scan# 1032  
 Delta R.T. -0.006 min  
 Lab File: VX032650.D  
 Acq: 08 Nov 2022 13:43

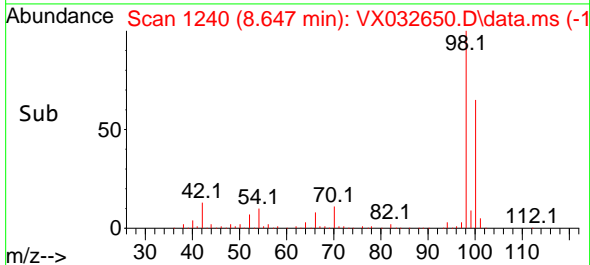
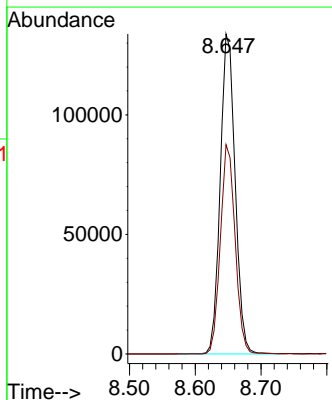
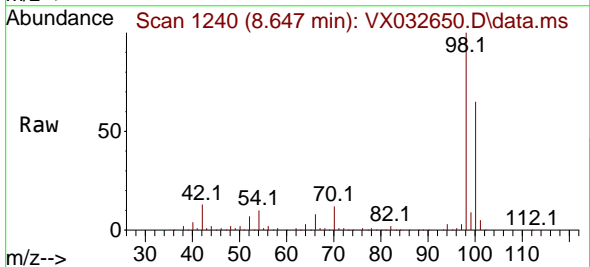
Instrument : MSVOA\_X  
 ClientSampleId : GES-2

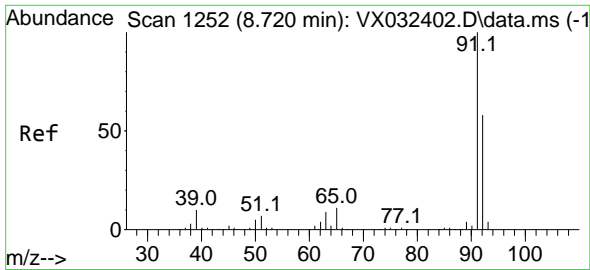
Tgt Ion	Resp	Lower	Upper
83	68210		
55	79.8	58.4	87.6
98	45.2	37.2	55.8



#50  
 Toluene-d8  
 Concen: 48.781 ug/l  
 RT: 8.647 min Scan# 1240  
 Delta R.T. -0.006 min  
 Lab File: VX032650.D  
 Acq: 08 Nov 2022 13:43

Tgt Ion	Resp	Lower	Upper
98	211322		
100	64.7	50.9	76.3

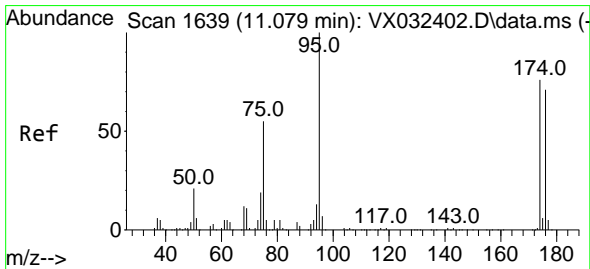
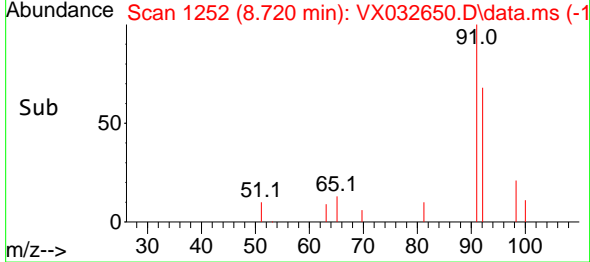
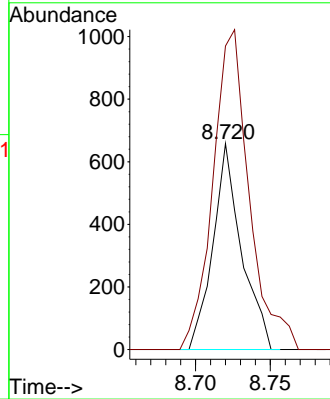
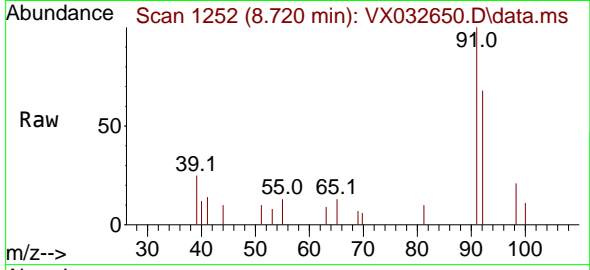




#52  
 Toluene  
 Concen: 0.272 ug/l  
 RT: 8.720 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX032650.D  
 Acq: 08 Nov 2022 13:43

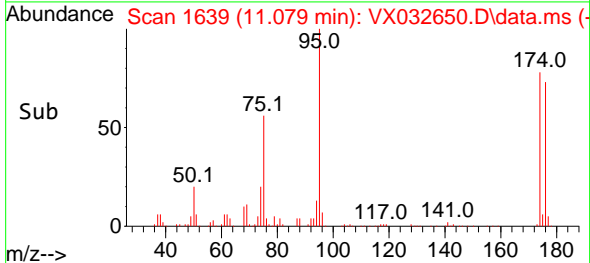
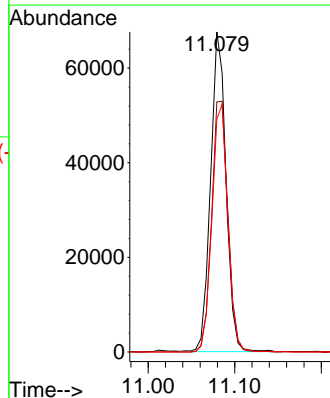
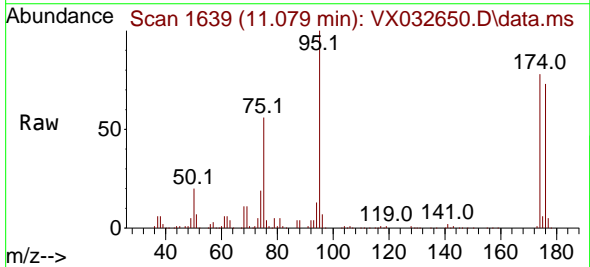
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 GES-2

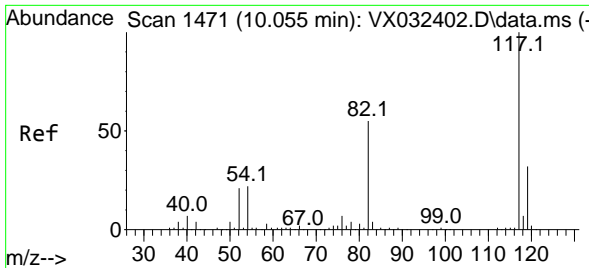
Tgt Ion: 92 Resp: 872  
 Ion Ratio Lower Upper  
 92 100  
 91 198.1 138.3 207.5



#62  
 4-Bromofluorobenzene  
 Concen: 49.327 ug/l  
 RT: 11.079 min Scan# 1639  
 Delta R.T. 0.000 min  
 Lab File: VX032650.D  
 Acq: 08 Nov 2022 13:43

Tgt Ion: 95 Resp: 83472  
 Ion Ratio Lower Upper  
 95 100  
 174 83.0 0.0 164.0  
 176 80.1 0.0 154.4



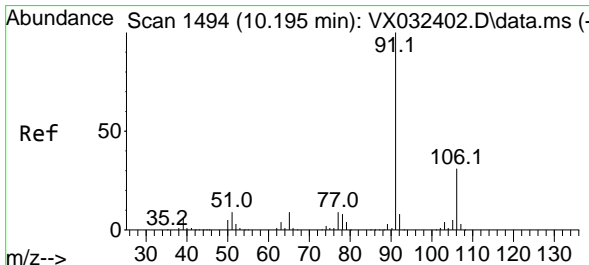
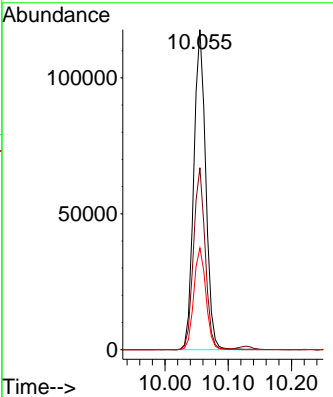
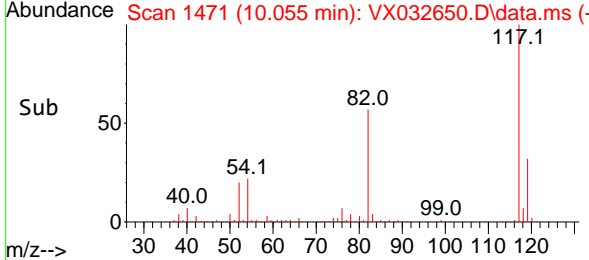
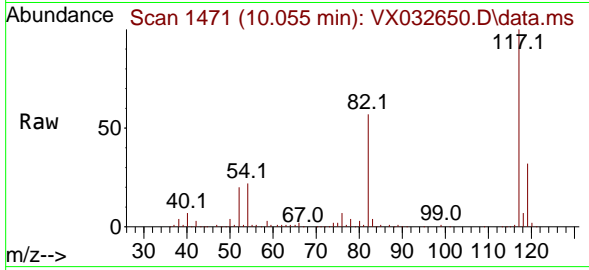


#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 10.055 min Scan# 1494  
 Delta R.T. 0.000 min  
 Lab File: VX032650.D  
 Acq: 08 Nov 2022 13:43

Instrument : MSVOA\_X  
 ClientSampleId : GES-2

Tgt Ion:117 Resp: 155542

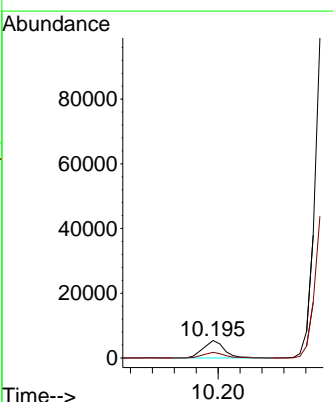
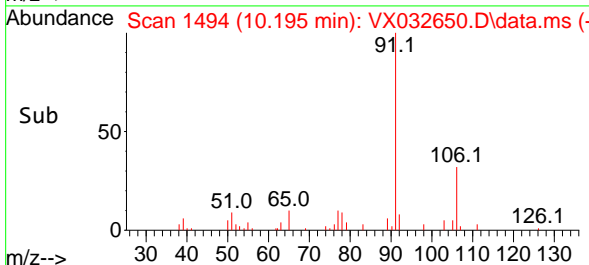
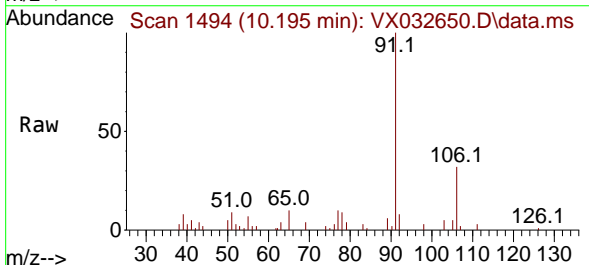
Ion	Ratio	Lower	Upper
117	100		
82	56.9	44.3	66.5
119	31.8	25.7	38.5



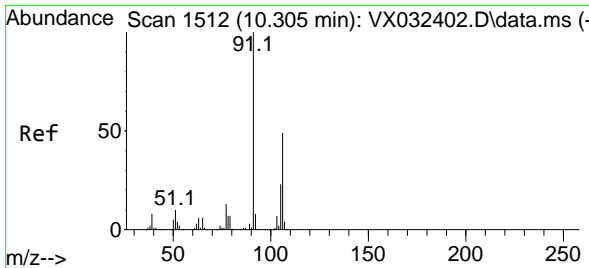
#67  
 Ethyl Benzene  
 Concen: 1.161 ug/l  
 RT: 10.195 min Scan# 1494  
 Delta R.T. 0.000 min  
 Lab File: VX032650.D  
 Acq: 08 Nov 2022 13:43

Tgt Ion: 91 Resp: 7233

Ion	Ratio	Lower	Upper
91	100		
106	32.0	25.0	37.6

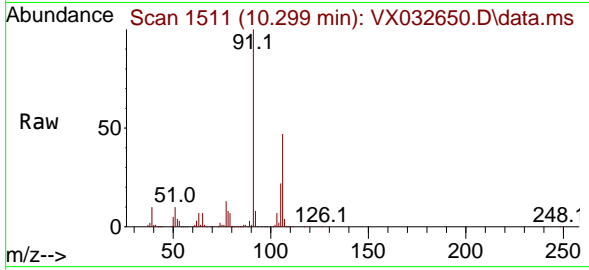




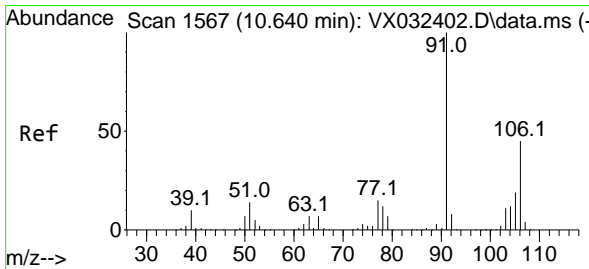
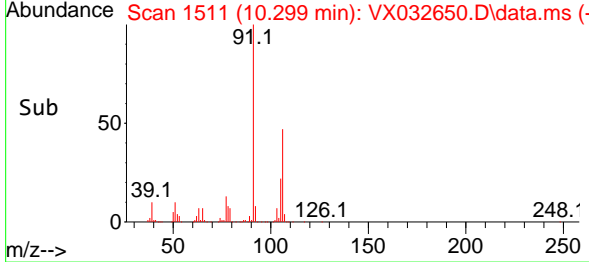
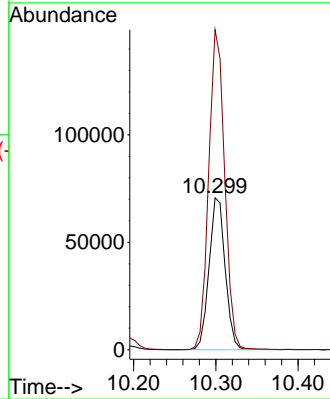


#68  
 m/p-Xylenes  
 Concen: 39.817 ug/l  
 RT: 10.299 min Scan# 1511  
 Delta R.T. -0.006 min  
 Lab File: VX032650.D  
 Acq: 08 Nov 2022 13:43

Instrument : MSVOA\_X  
 ClientSampleId : GES-2

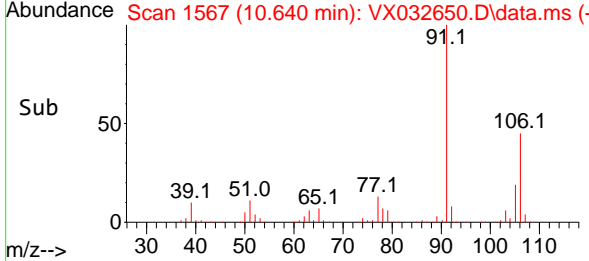
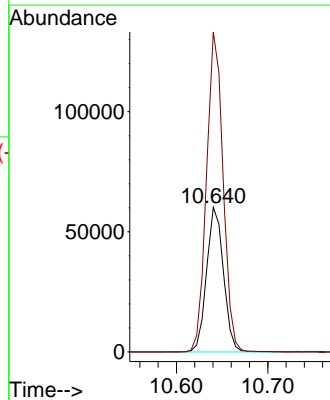
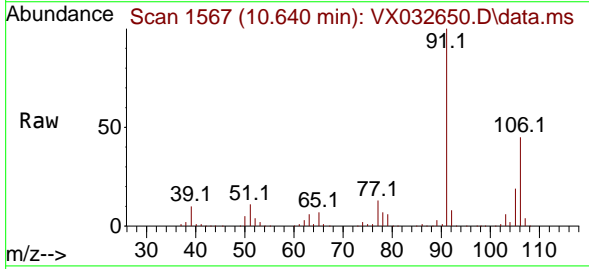


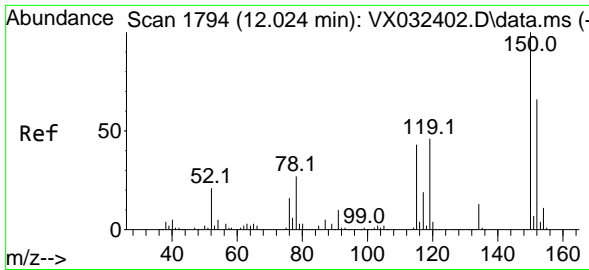
Tgt Ion:106 Resp: 96332  
 Ion Ratio Lower Upper  
 106 100  
 91 208.5 164.5 246.7



#69  
 o-Xylene  
 Concen: 32.782 ug/l  
 RT: 10.640 min Scan# 1567  
 Delta R.T. 0.000 min  
 Lab File: VX032650.D  
 Acq: 08 Nov 2022 13:43

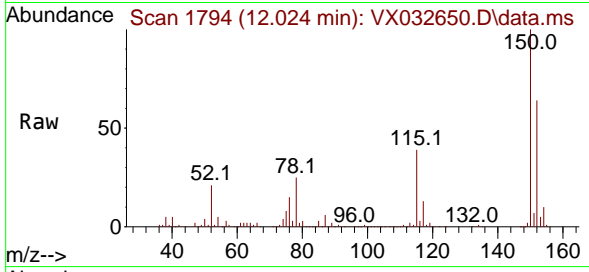
Tgt Ion:106 Resp: 77114  
 Ion Ratio Lower Upper  
 106 100  
 91 217.2 109.2 327.6



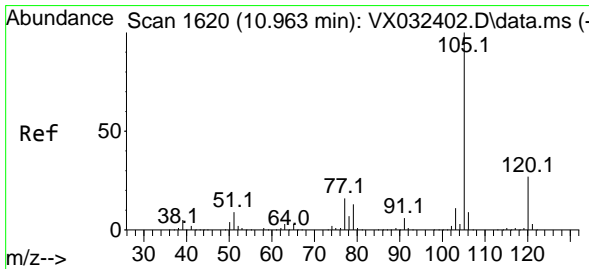
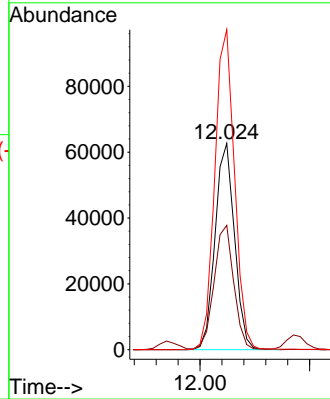
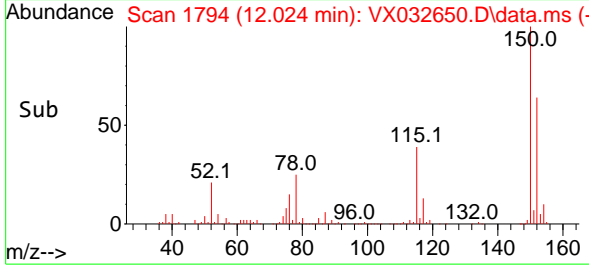


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX032650.D  
 Acq: 08 Nov 2022 13:43

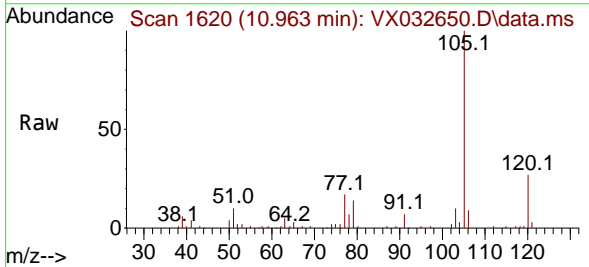
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 GES-2



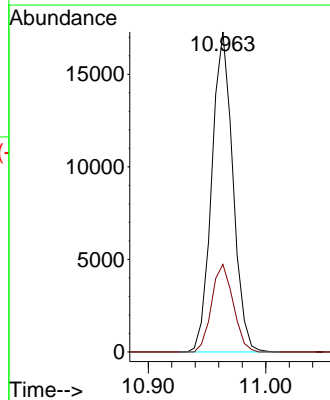
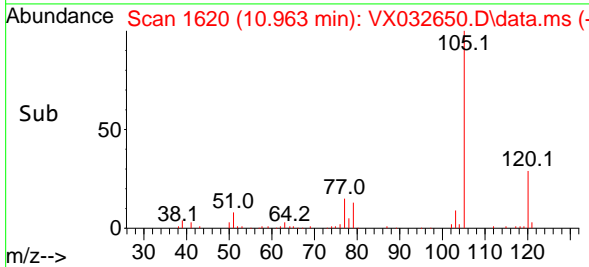
Tgt Ion:152 Resp: 77314  
 Ion Ratio Lower Upper  
 152 100  
 115 61.0 44.0 132.0  
 150 157.5 0.0 351.8

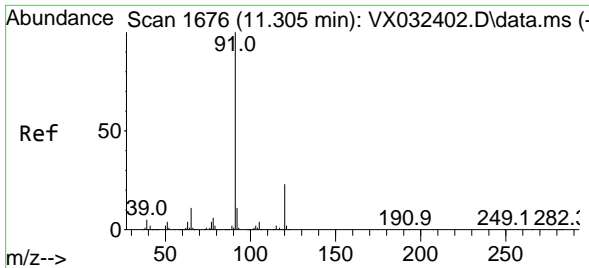


#73  
 Isopropylbenzene  
 Concen: 3.518 ug/l  
 RT: 10.963 min Scan# 1620  
 Delta R.T. 0.000 min  
 Lab File: VX032650.D  
 Acq: 08 Nov 2022 13:43



Tgt Ion:105 Resp: 21554  
 Ion Ratio Lower Upper  
 105 100  
 120 28.0 13.1 39.3

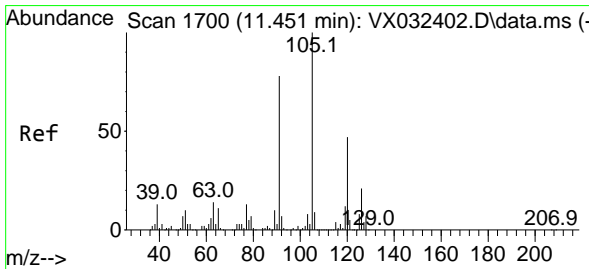
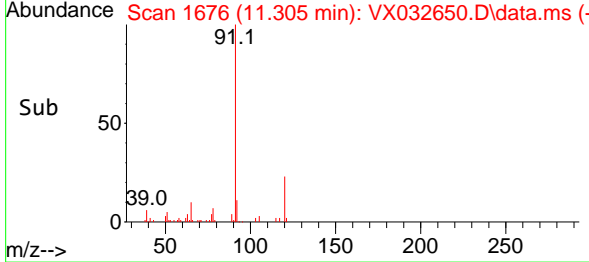
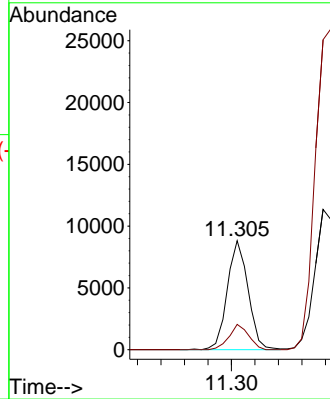
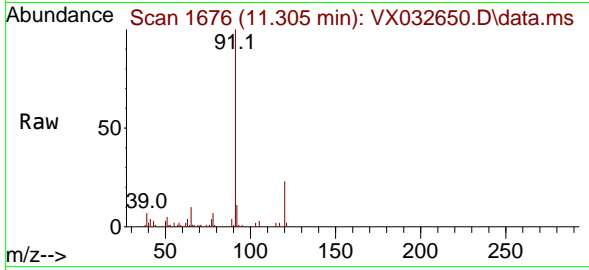




#78  
 n-propylbenzene  
 Concen: 1.536 ug/l  
 RT: 11.305 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX032650.D  
 Acq: 08 Nov 2022 13:43

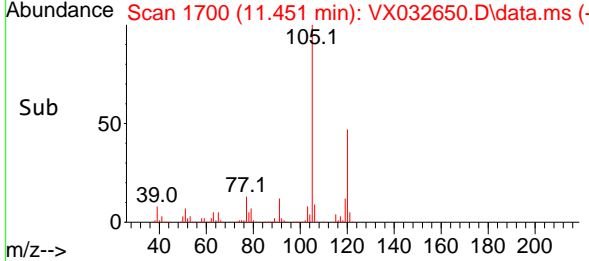
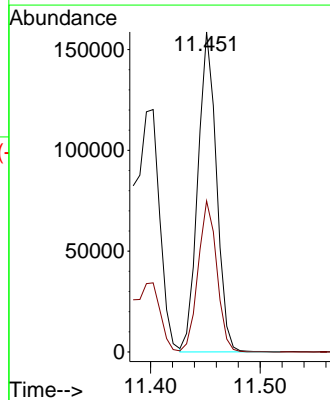
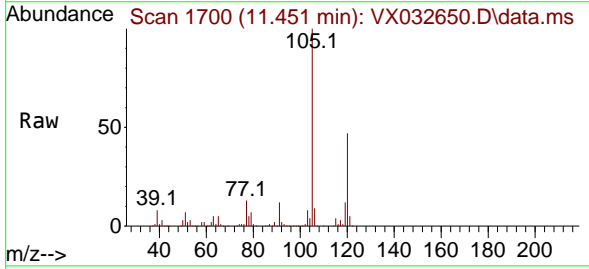
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 GES-2

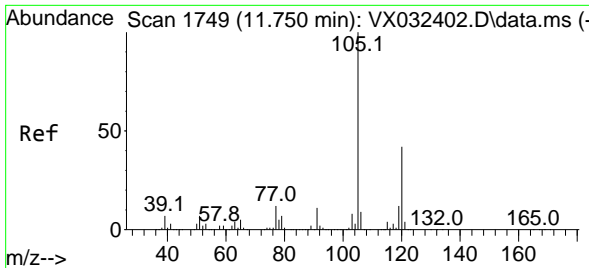
Tgt Ion: 91 Resp: 10844  
 Ion Ratio Lower Upper  
 91 100  
 120 0.0 11.6 34.8#



#80  
 1,3,5-Trimethylbenzene  
 Concen: 35.655 ug/l  
 RT: 11.451 min Scan# 1700  
 Delta R.T. 0.000 min  
 Lab File: VX032650.D  
 Acq: 08 Nov 2022 13:43

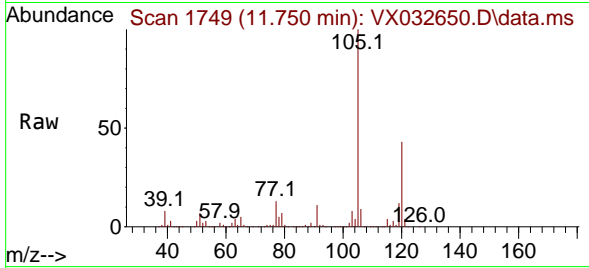
Tgt Ion: 105 Resp: 186694  
 Ion Ratio Lower Upper  
 105 100  
 120 47.5 23.6 71.0



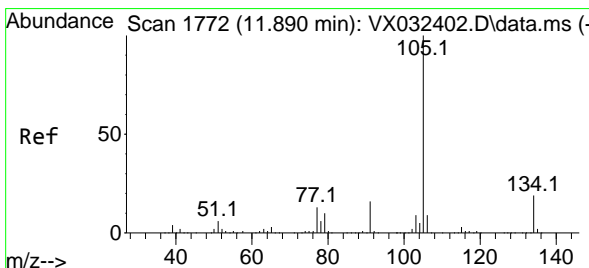
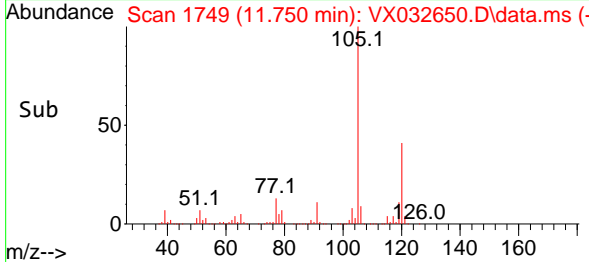
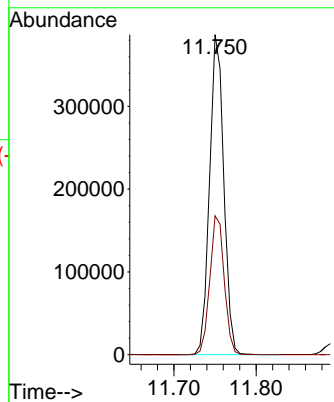


#84  
 1,2,4-Trimethylbenzene  
 Concen: 89.153 ug/l  
 RT: 11.750 min Scan# 1749  
 Delta R.T. 0.000 min  
 Lab File: VX032650.D  
 Acq: 08 Nov 2022 13:43

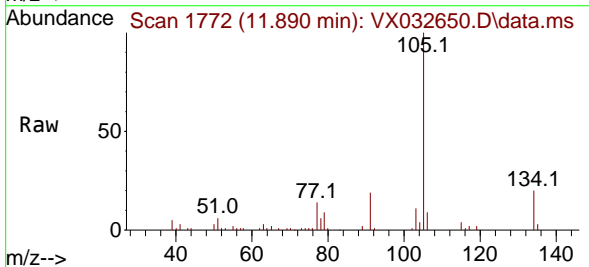
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 GES-2



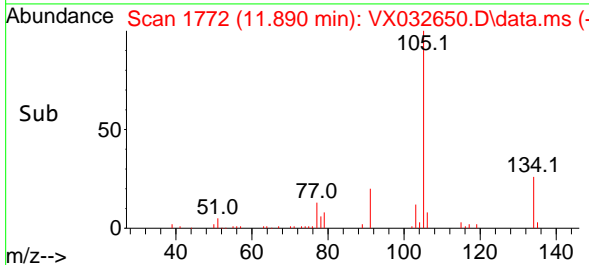
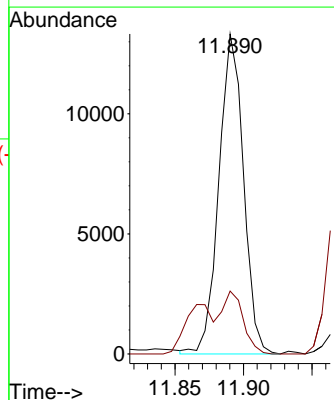
Tgt Ion:105 Resp: 464292  
 Ion Ratio Lower Upper  
 105 100  
 120 44.0 21.9 65.5

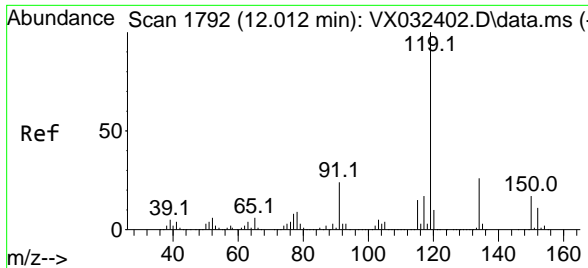


#85  
 sec-Butylbenzene  
 Concen: 2.639 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX032650.D  
 Acq: 08 Nov 2022 13:43



Tgt Ion:105 Resp: 16597  
 Ion Ratio Lower Upper  
 105 100  
 134 17.3 9.9 29.7

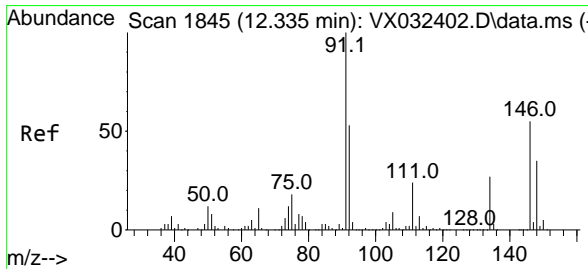
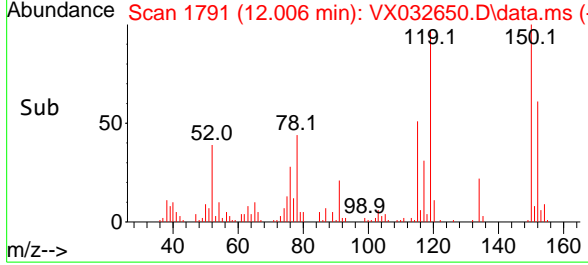
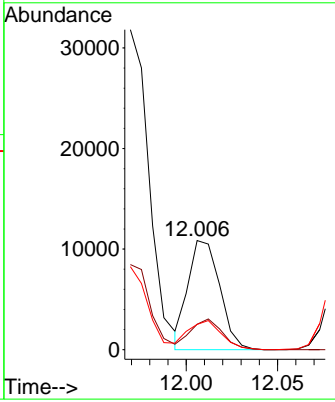
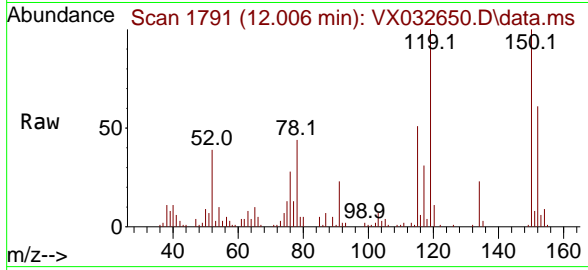




#86  
 p-Isopropyltoluene  
 Concen: 2.454 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. -0.006 min  
 Lab File: VX032650.D  
 Acq: 08 Nov 2022 13:43

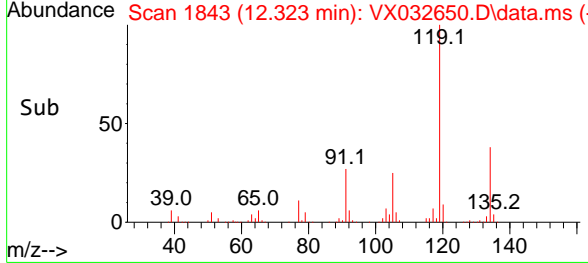
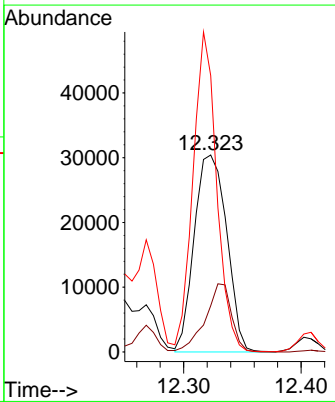
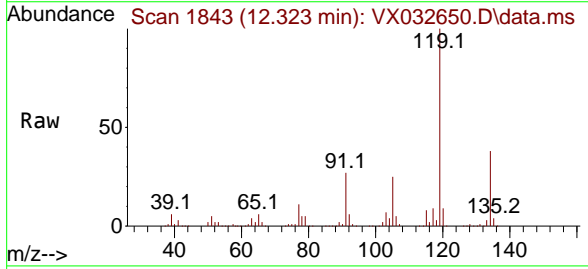
Instrument : MSVOA\_X  
 ClientSampleId : GES-2

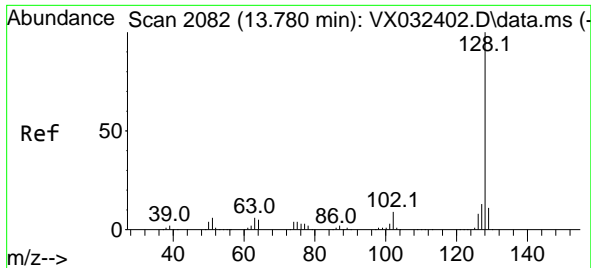
Tgt Ion	Resp	Lower	Upper
119	13100		
119	100		
134	28.2	12.9	38.7
91	28.2	12.5	37.5



#89  
 n-Butylbenzene  
 Concen: 12.580 ug/l  
 RT: 12.323 min Scan# 1843  
 Delta R.T. -0.012 min  
 Lab File: VX032650.D  
 Acq: 08 Nov 2022 13:43

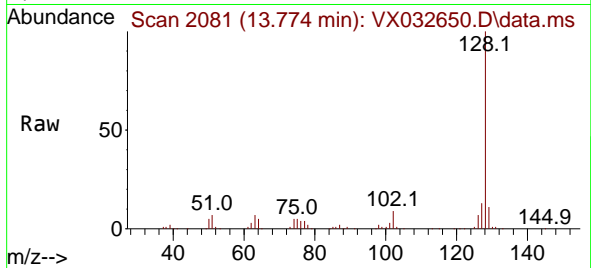
Tgt Ion	Resp	Lower	Upper
91	58416		
91	100		
92	27.9	26.2	78.6
134	117.8	12.9	38.6#





#95  
 Naphthalene  
 Concen: 10.242 ug/l  
 RT: 13.774 min Scan# 2081  
 Delta R.T. -0.006 min  
 Lab File: VX032650.D  
 Acq: 08 Nov 2022 13:43

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 GES-2



Tgt Ion:128 Resp: 62163  
 Ion Ratio Lower Upper  
 128 100  
 127 13.8 10.2 15.4  
 129 12.1 8.9 13.3

