

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070620\
 Data File : VU039298.D
 Acq On : 06 Jul 2020 17:56
 Operator : SY/MD
 Sample : L3193-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4277

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070620WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.536	50	61	74	rVV2	115789	402861	8.82%	3.696%
2	1.604	75	82	95	rVB3	439599	552319	12.09%	5.068%
3	1.919	175	180	197	rVB	72867	104299	2.28%	0.957%
4	2.002	201	206	217	rVB2	35473	48779	1.07%	0.448%
5	2.578	375	385	403	rVB2	145340	239644	5.25%	2.199%
6	3.391	619	638	662	rVB2	261706	792747	17.36%	7.274%
7	3.890	780	793	808	rVB3	27035	63482	1.39%	0.582%
8	4.687	1022	1041	1064	rBV	2016100	4567651	100.00%	41.909%
9	5.086	1150	1165	1182	rBV	98571	213320	4.67%	1.957%
10	5.742	1348	1369	1380	rBV2	213148	510277	11.17%	4.682%
11	6.266	1517	1532	1552	rVB	146946	271666	5.95%	2.493%
12	6.555	1610	1622	1637	rBV2	72035	131043	2.87%	1.202%
13	6.706	1655	1669	1685	rBV	127601	246491	5.40%	2.262%
14	7.578	1928	1940	1956	rBV	72509	125814	2.75%	1.154%
15	7.906	2026	2042	2056	rBV	248787	425723	9.32%	3.906%
16	8.189	2118	2130	2144	rVB	45334	78173	1.71%	0.717%
17	8.652	2260	2274	2298	rBV	402963	720512	15.77%	6.611%
18	9.420	2501	2513	2533	rBV	206352	351362	7.69%	3.224%
19	10.758	2918	2929	2942	rVB	120189	191817	4.20%	1.760%
20	10.996	2993	3003	3021	rBV	25238	52435	1.15%	0.481%
21	11.465	3139	3149	3172	rVB3	27632	51145	1.12%	0.469%
22	11.809	3243	3256	3271	rBV	216568	352419	7.72%	3.234%
23	12.188	3362	3374	3387	rVB	255876	404907	8.86%	3.715%

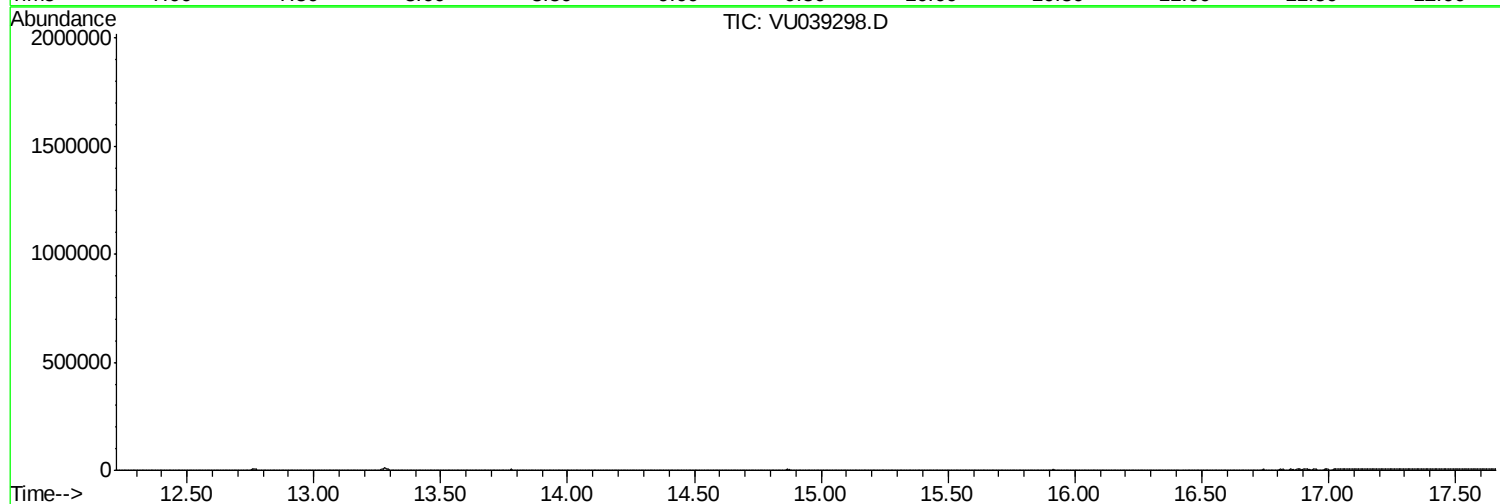
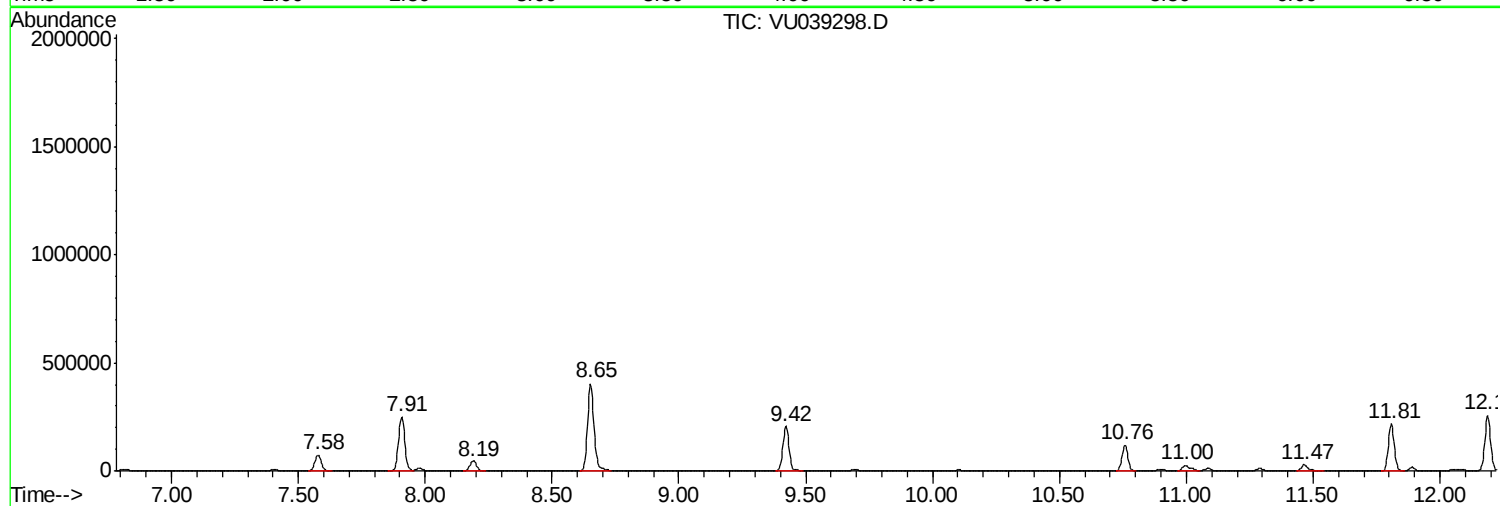
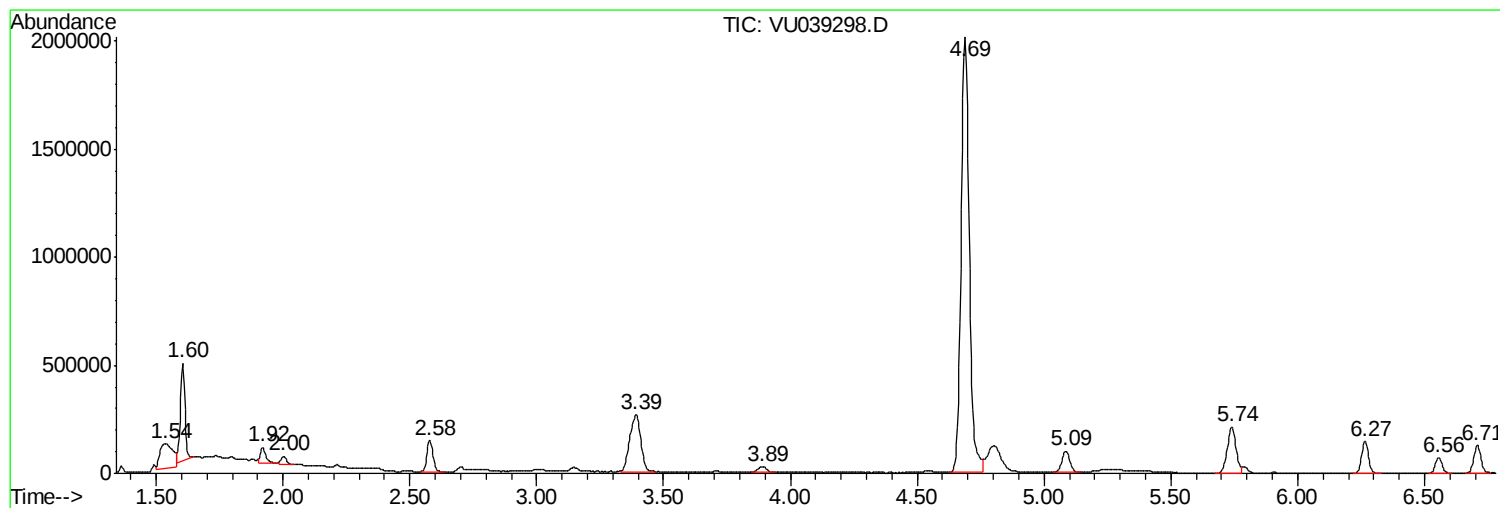
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070620WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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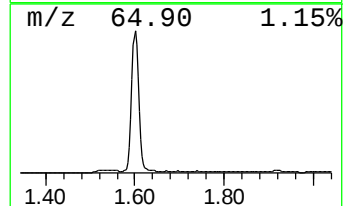
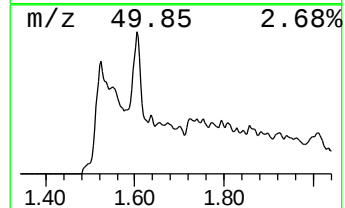
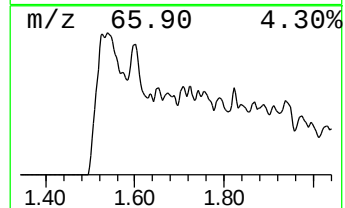
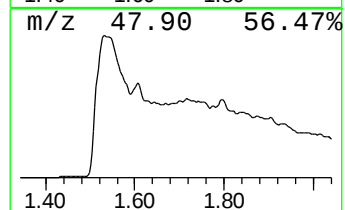
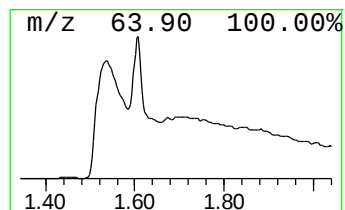
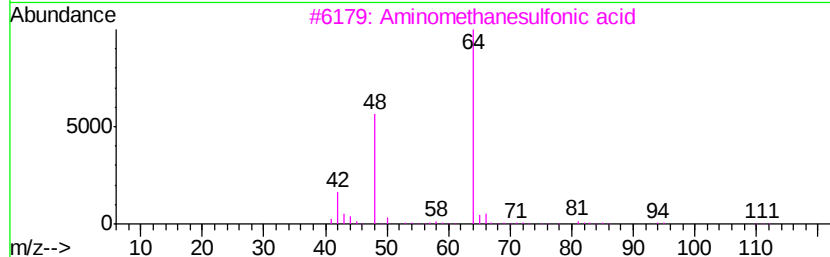
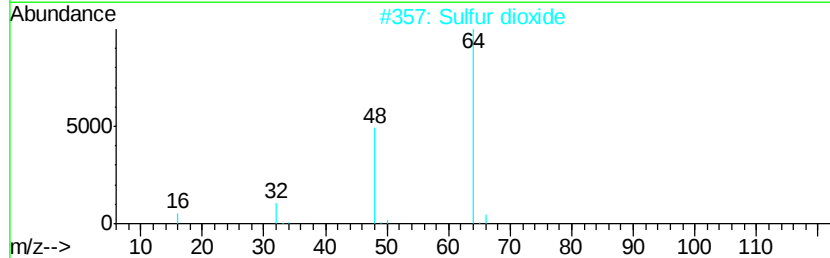
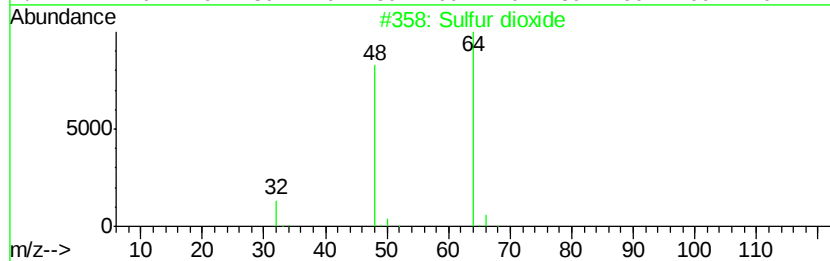
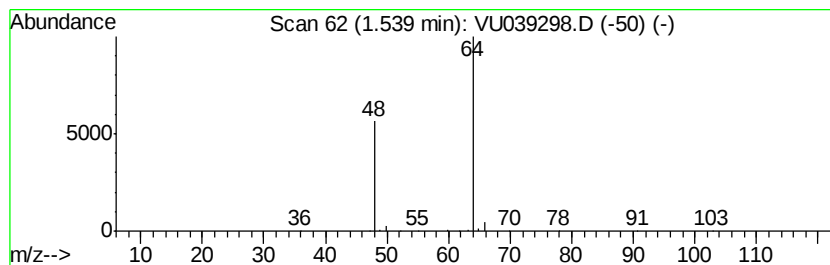
Instrument :
MSVOA_U
ClientSampleId :
H4277

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070620WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.54	7.41 ug/L	402861	1,4-Difluorobenzene	6.27
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Sulfur dioxide	64 02S	007446-09-5	83
2	Sulfur dioxide	64 02S	007446-09-5	83
3	Aminomethanesulfonic acid	111 CH5N03S	013881-91-9	9
4	Aminomethanesulfonic acid	111 CH5N03S	013881-91-9	9
5	Aminomethanesulfonic acid	111 CH5N03S	013881-91-9	9



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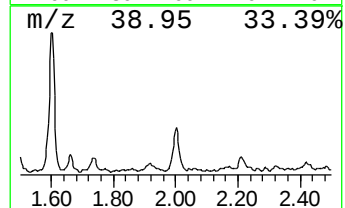
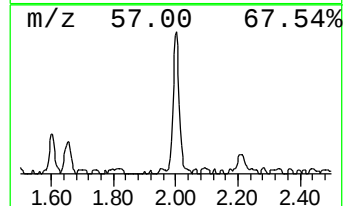
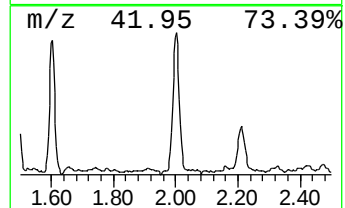
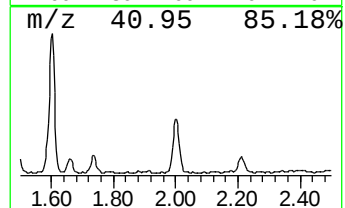
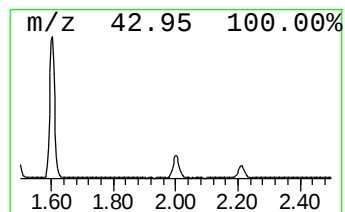
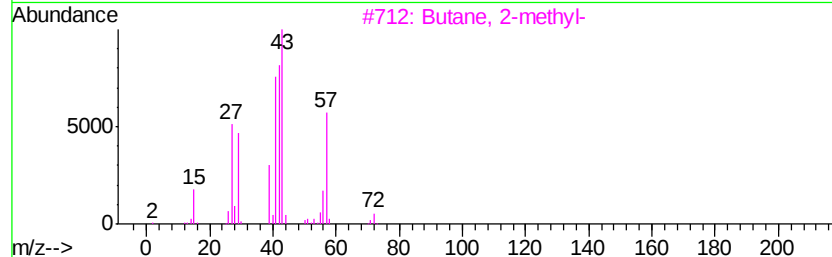
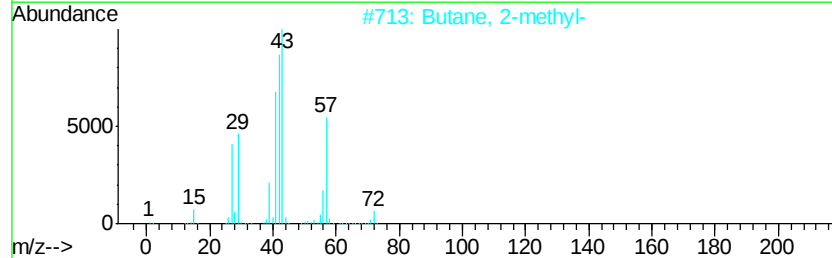
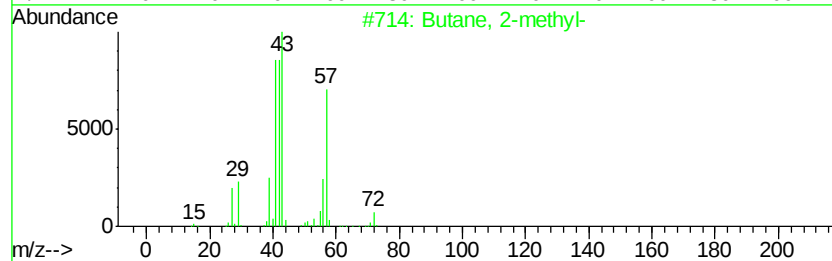
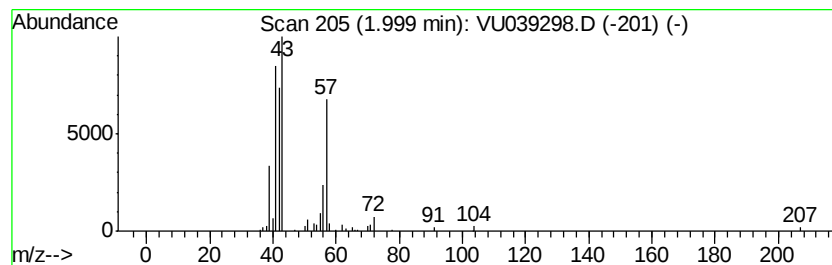
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070620WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.00	0.90 ug/L	48779	1,4-Difluorobenzene	6.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2		Butane, 2-methyl-	72	C5H12	000078-78-4	86
3		Butane, 2-methyl-	72	C5H12	000078-78-4	80
4		Oxirane, trimethyl-	86	C5H10O	005076-19-7	38
5		3-Buten-1-ol	72	C4H8O	000627-27-0	37



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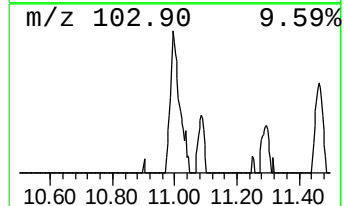
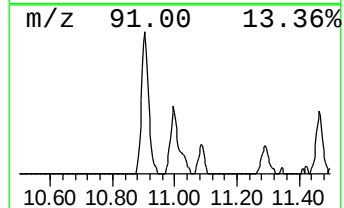
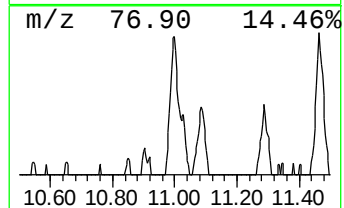
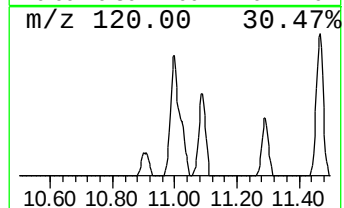
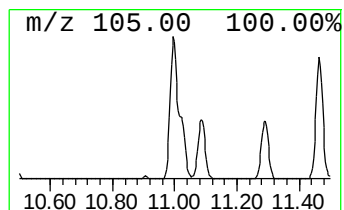
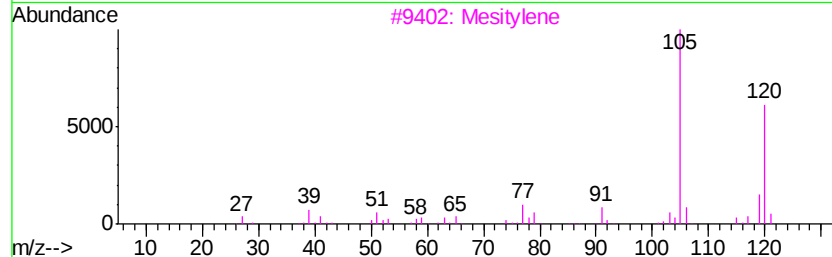
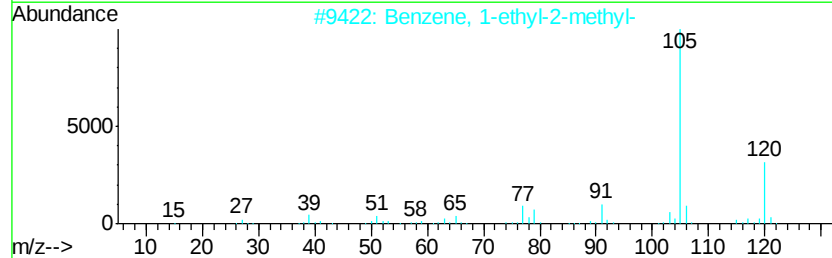
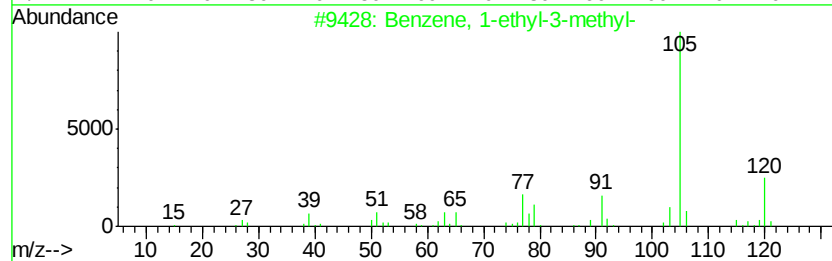
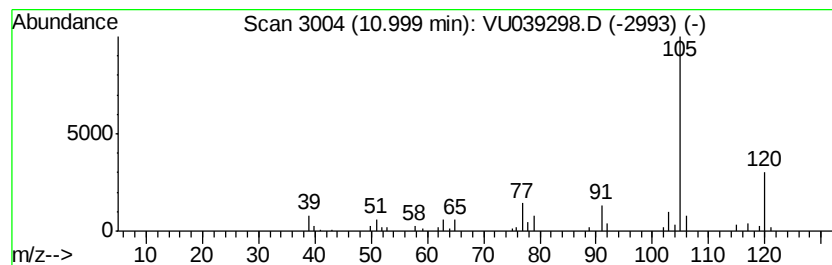
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	0.74 ug/L	52435	1,4-Dichlorobenzene-d4	11.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3			Mesitylene	120	C9H12	000108-67-8	91
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91



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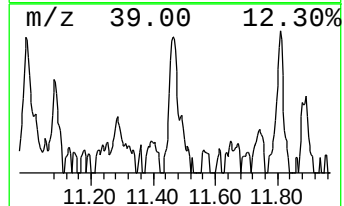
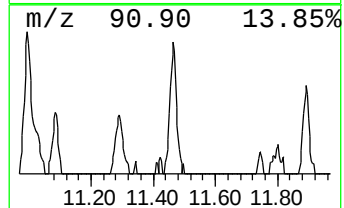
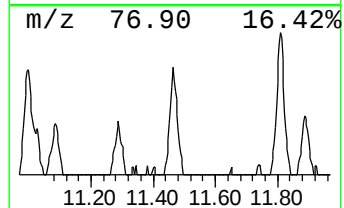
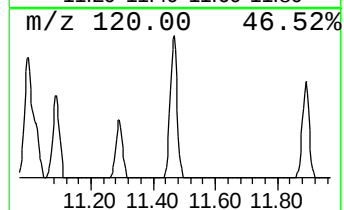
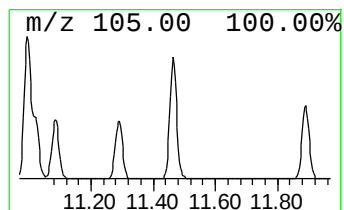
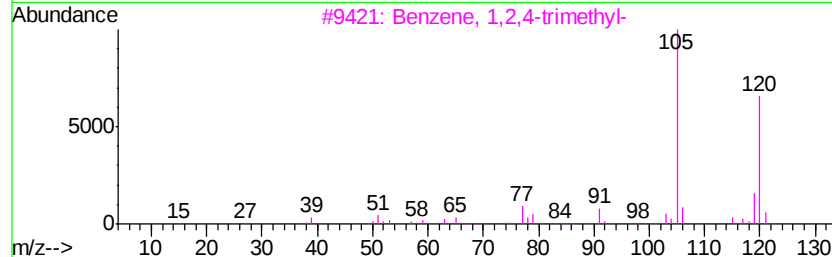
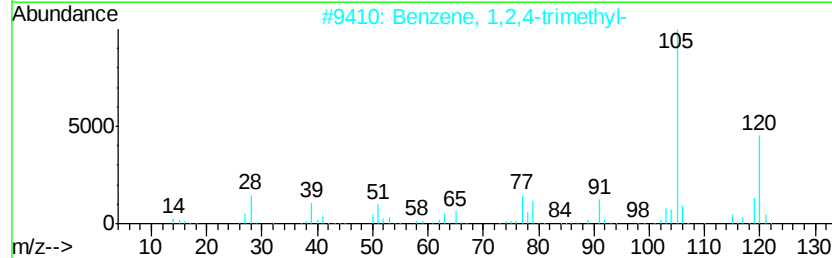
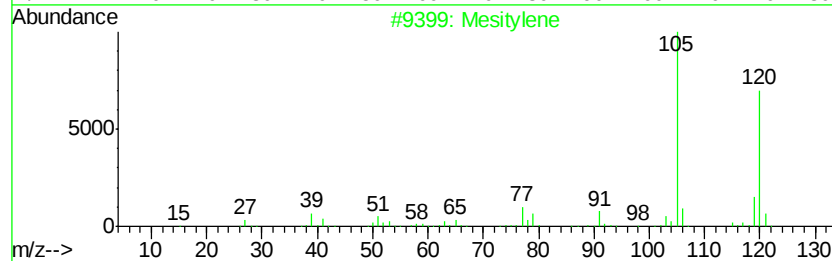
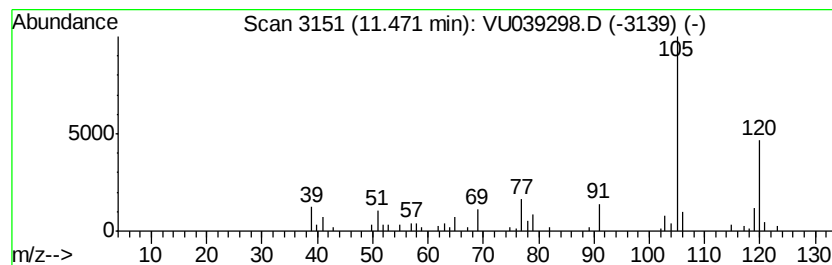
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Peak Number 5 Mesitylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	0.73 ug/L	51145	1,4-Dichlorobenzene-d4	11.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Mesitylene	120	C9H12	000108-67-8	93
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5		Mesitylene	120	C9H12	000108-67-8	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.54	7.4	ug/L	402861	1	6.27	271666	5.0
(DEL) Alkane: Str...	2.00	0.9	ug/L	48779	1	6.27	271666	5.0
Benzene, 1-ethyl-...	11.00	0.7	ug/L	52435	3	11.81	352419	5.0
Mesitylene	11.47	0.7	ug/L	51145	3	11.81	352419	5.0