

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033020\
 Data File : VU037457.D
 Acq On : 30 Mar 2020 12:39
 Operator : JC/MD
 Sample : L2001-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAWF8

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\SOMUTR032820WMA.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	1.398	11	18	25	rBV	4083	7709	1.03%	0.186%
2	1.501	40	50	77	rBV	193121	750296	100.00%	18.128%
3	1.613	81	85	93	rVB	44017	58299	7.77%	1.409%
4	1.932	178	184	197	rVB	42527	59437	7.92%	1.436%
5	2.594	378	390	403	rVB	69926	115124	15.34%	2.782%
6	2.668	403	413	423	rBV	9704	16816	2.24%	0.406%
7	2.822	450	461	469	rBV	11512	21104	2.81%	0.510%
8	4.674	1022	1037	1056	rBV	64656	154676	20.62%	3.737%
9	5.105	1156	1171	1194	rVB3	81005	224796	29.96%	5.431%
10	5.562	1300	1313	1328	rVB3	11984	27265	3.63%	0.659%
11	5.761	1352	1375	1390	rBV2	144506	366890	48.90%	8.865%
12	6.282	1524	1537	1552	rBV	114430	213900	28.51%	5.168%
13	6.722	1660	1674	1691	rBV2	93934	181451	24.18%	4.384%
14	7.594	1933	1945	1957	rBV2	49297	84876	11.31%	2.051%
15	7.925	2035	2048	2061	rBV	172320	296587	39.53%	7.166%
16	7.992	2061	2069	2080	rVB3	6327	10985	1.46%	0.265%
17	8.205	2123	2135	2147	rBV2	32682	54162	7.22%	1.309%
18	8.658	2262	2276	2300	rBV	241117	422658	56.33%	10.212%
19	9.298	2464	2475	2486	rBV4	6654	11995	1.60%	0.290%
20	9.439	2504	2519	2535	rVB	159998	262586	35.00%	6.344%
21	10.774	2923	2934	2946	rBV	72584	114981	15.32%	2.778%
22	10.905	2964	2975	2983	rBV2	6130	9787	1.30%	0.236%
23	11.378	3111	3122	3130	rBV2	9429	15724	2.10%	0.380%
24	11.777	3235	3246	3252	rBV3	19310	32255	4.30%	0.779%
25	11.828	3252	3262	3276	rVB	168335	274260	36.55%	6.626%
26	12.076	3330	3339	3349	rBV4	6361	11117	1.48%	0.269%
27	12.208	3368	3380	3392	rBV	179666	279949	37.31%	6.764%
28	12.465	3451	3460	3471	rVB4	11483	17491	2.33%	0.423%
29	16.201	4614	4622	4636	rVB2	19312	31584	4.21%	0.763%
30	16.371	4667	4675	4683	rBV3	6878	10099	1.35%	0.244%

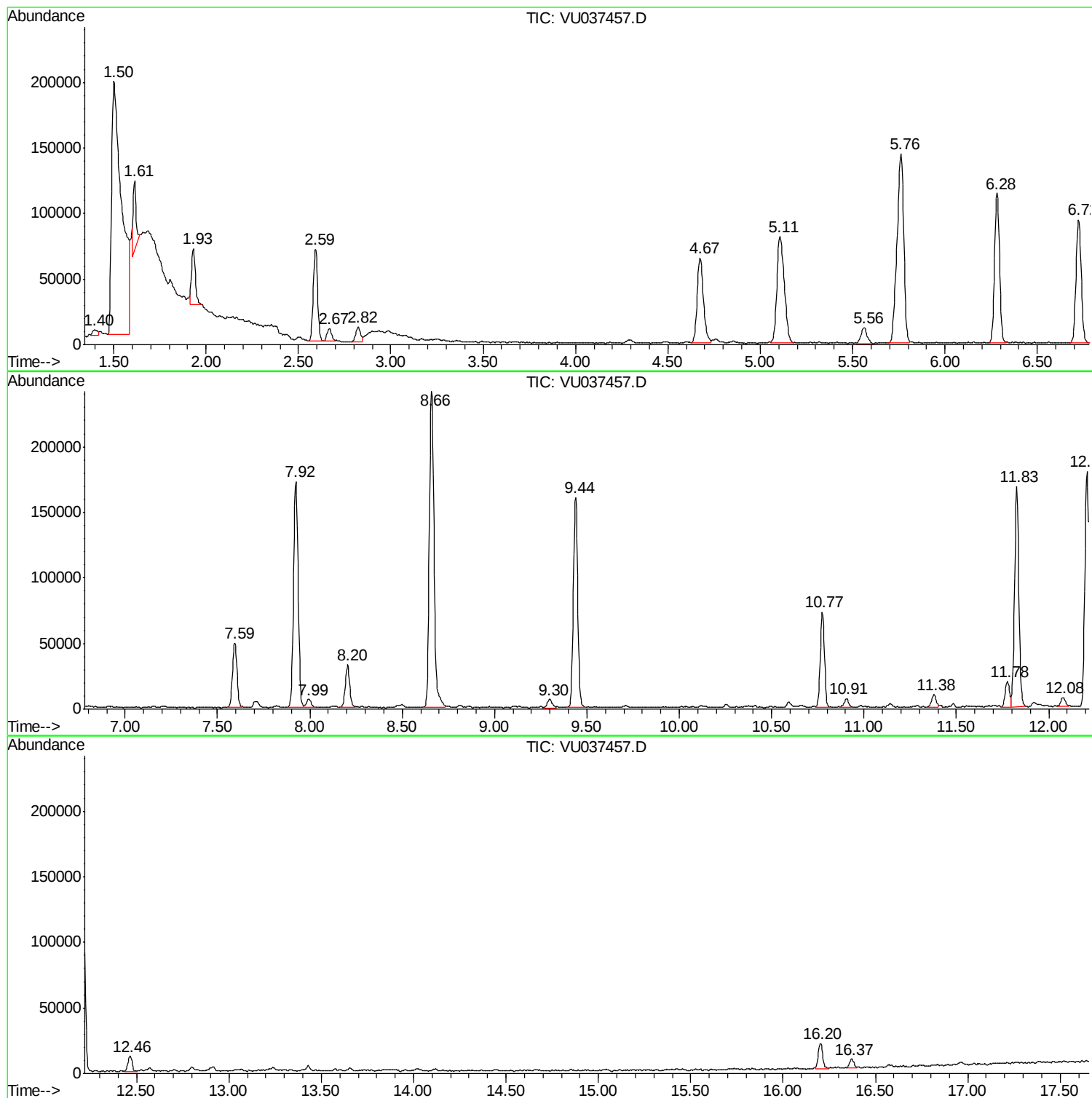
Sum of corrected areas: 4138859

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Instrument :
MSVOA_U
ClientSampled :
GAWF8

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
Quant Title : TRACE VOA SOM01.0

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



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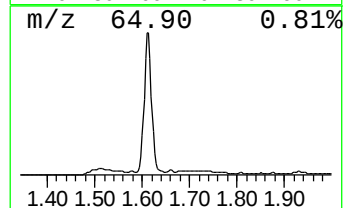
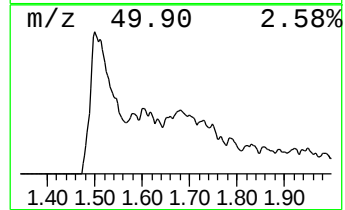
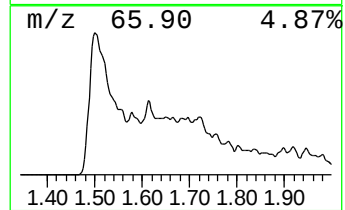
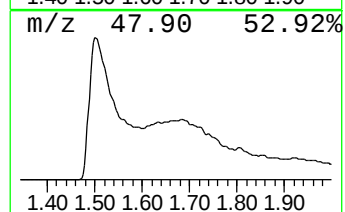
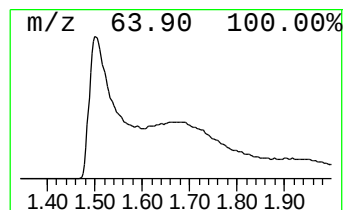
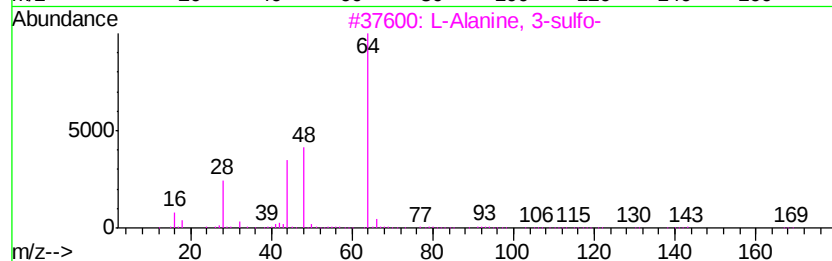
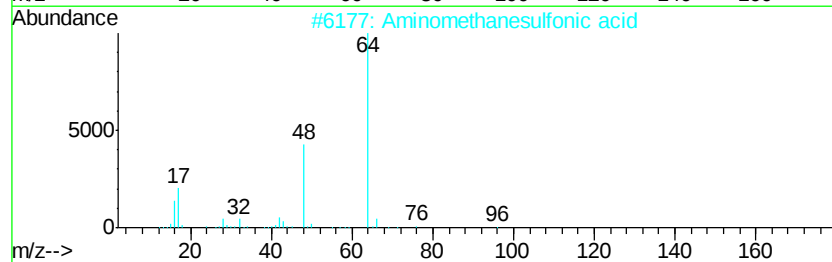
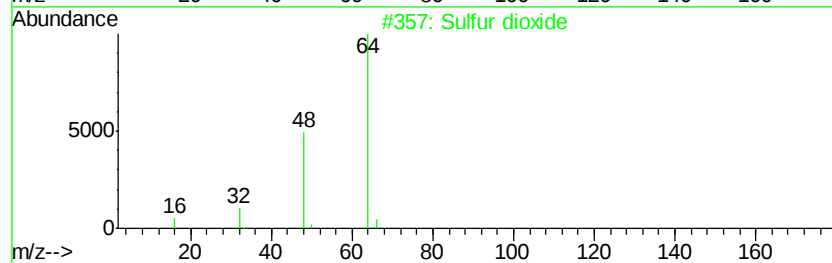
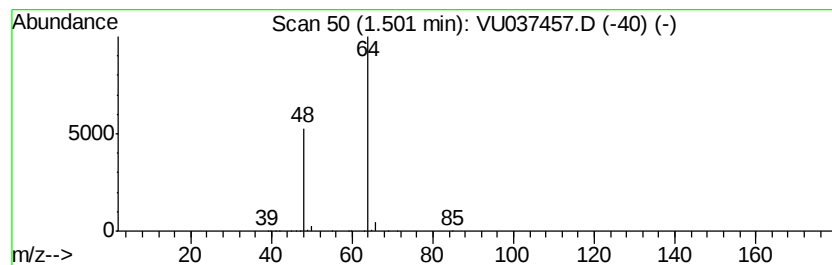
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
Quant Title : TRACE VOA SOM01.0

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.
1.50	17.54 ug/L	750296	1,4-Difluorobenzene	6.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Sulfur dioxide	64 O2S	007446-09-5 83
2		Aminomethanesulfonic acid	111 CH5NO3S	013881-91-9 74
3		L-Alanine, 3-sulfo-	169 C3H7NO5S	000498-40-8 9
4		Aminomethanesulfonic acid	111 CH5NO3S	013881-91-9 9
5		Ethene, 1,1-difluoro-	64 C2H2F2	000075-38-7 4



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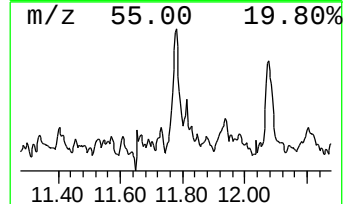
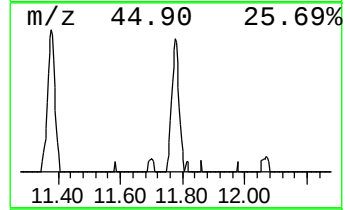
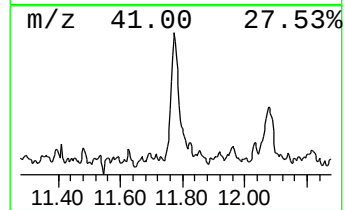
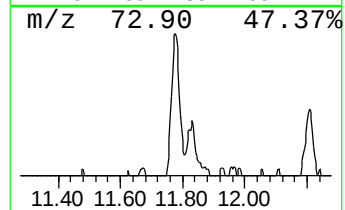
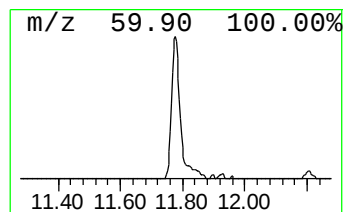
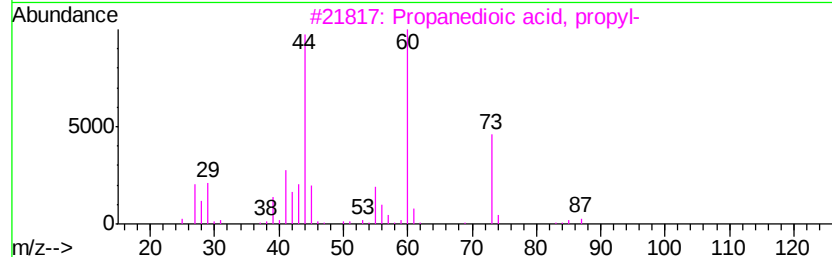
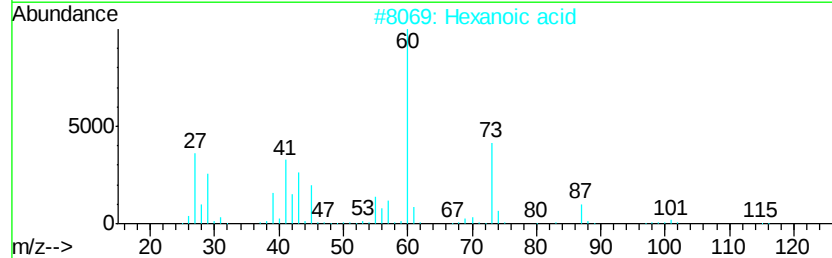
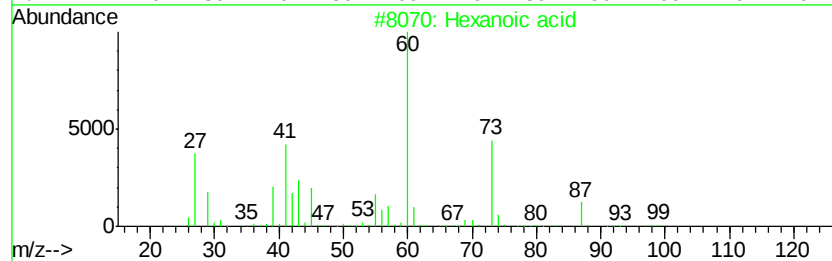
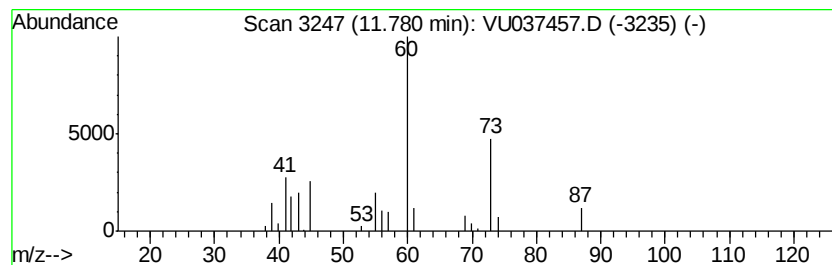
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Peak Number 3 Hexanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	0.59 ug/L	32255	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid	116	C6H12O2	000142-62-1	90
2		Hexanoic acid	116	C6H12O2	000142-62-1	83
3		Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	78
4		Hexanoic acid	116	C6H12O2	000142-62-1	78
5		Hexanoic acid	116	C6H12O2	000142-62-1	72



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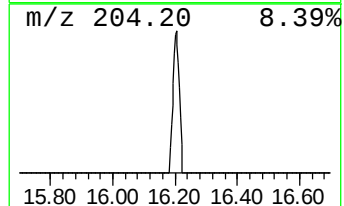
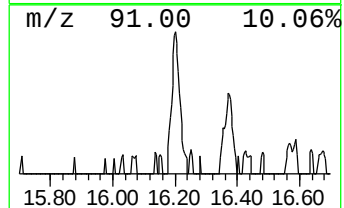
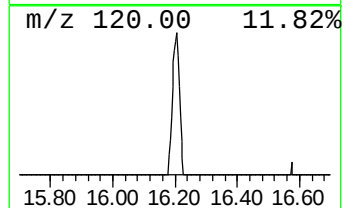
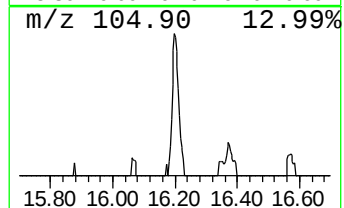
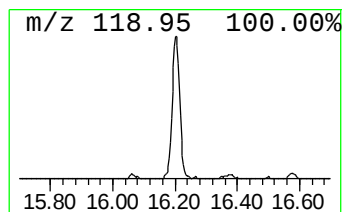
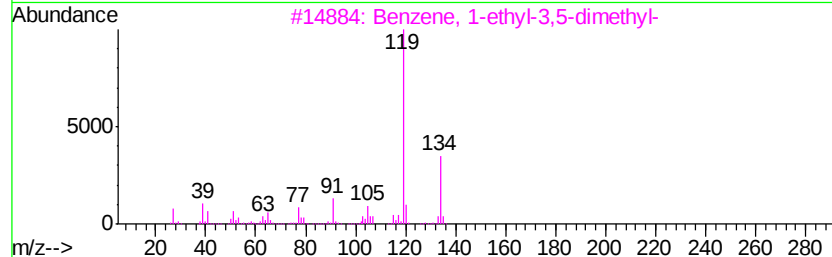
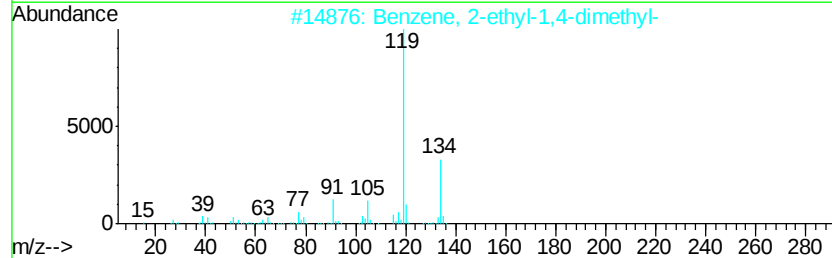
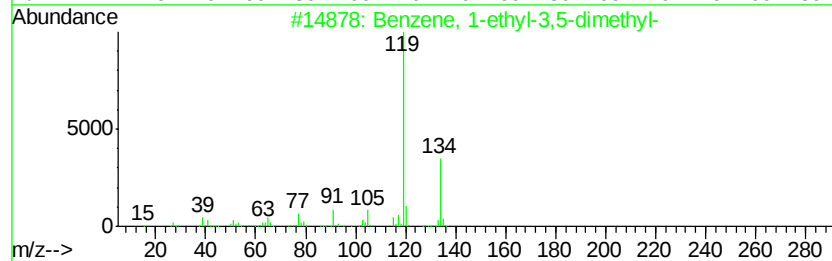
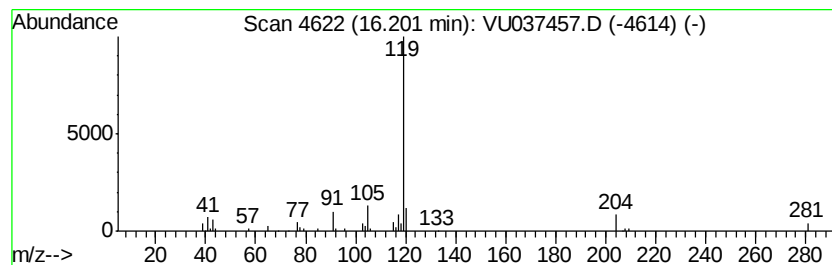
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Peak Number 4 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	0.58 ug/L	31584	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	86
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	86
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	78
4		Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	78
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	78



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.50	17.5	ug/L	750296	1	6.28	213900	5.0
Hexanoic acid	11.78	0.6	ug/L	32255	3	11.83	274260	5.0
Benzene, 1-ethyl-...	16.20	0.6	ug/L	31584	3	11.83	274260	5.0