

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102919\
 Data File : VV013419.D
 Acq On : 30 Oct 2019 01:29
 Operator : SY/MD
 Sample : K5597-20
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQE9

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_V\METHOD\SOMVTR102919WMA.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	1.116	3	8	22	rVB	150868	155379	8.57%	1.059%
2	1.225	37	42	62	rVB3	61509	82836	4.57%	0.564%
3	1.319	62	71	81	rVB	268652	294684	16.25%	2.008%
4	1.582	146	153	165	rVV	191235	218679	12.06%	1.490%
5	1.650	169	174	183	rVB	28844	35390	1.95%	0.241%
6	2.132	314	324	335	rVB	374050	531739	29.33%	3.623%
7	2.794	520	530	541	rVB9	13450	23270	1.28%	0.159%
8	3.810	831	846	859	rVB4	20423	52438	2.89%	0.357%
9	3.939	874	886	912	rBV	214922	634024	34.97%	4.320%
10	4.129	930	945	972	rBV	199079	502770	27.73%	3.425%
11	4.399	1013	1029	1050	rBV	298736	742361	40.95%	5.058%
12	4.724	1119	1130	1143	rVB9	14572	33409	1.84%	0.228%
13	5.093	1227	1245	1276	rBV2	714960	1812930	100.00%	12.352%
14	5.662	1408	1422	1440	rBV	407591	811608	44.77%	5.530%
15	5.955	1501	1513	1525	rVB	13331	30220	1.67%	0.206%
16	6.116	1547	1563	1578	rBV	411174	827282	45.63%	5.636%
17	7.029	1836	1847	1866	rBV	186900	339746	18.74%	2.315%
18	7.357	1936	1949	1966	rBV	793975	1378879	76.06%	9.395%
19	7.431	1966	1972	1985	rVB	24024	43244	2.39%	0.295%
20	7.662	2035	2044	2056	rBV	116615	194207	10.71%	1.323%
21	8.016	2144	2154	2167	rVB2	91775	145404	8.02%	0.991%
22	8.135	2179	2191	2227	rBV2	727585	1576028	86.93%	10.738%
23	8.894	2414	2427	2446	rBV	680347	1114638	61.48%	7.594%
24	9.183	2507	2517	2526	rVB3	24067	41587	2.29%	0.283%
25	10.257	2840	2851	2862	rBV	276392	437595	24.14%	2.981%
26	10.395	2882	2894	2911	rVB3	21000	48457	2.67%	0.330%
27	11.292	3159	3173	3193	rBV	730290	1148821	63.37%	7.827%
28	11.572	3251	3260	3277	rVB2	58222	102300	5.64%	0.697%
29	11.669	3277	3290	3310	rBV	773006	1223543	67.49%	8.336%
30	12.161	3433	3443	3450	rBV5	15820	24164	1.33%	0.165%
31	12.929	3672	3682	3689	rBV6	15192	23450	1.29%	0.160%
32	13.553	3863	3876	3886	rBV	23775	46230	2.55%	0.315%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Title : TRACE VOA SOM01.0

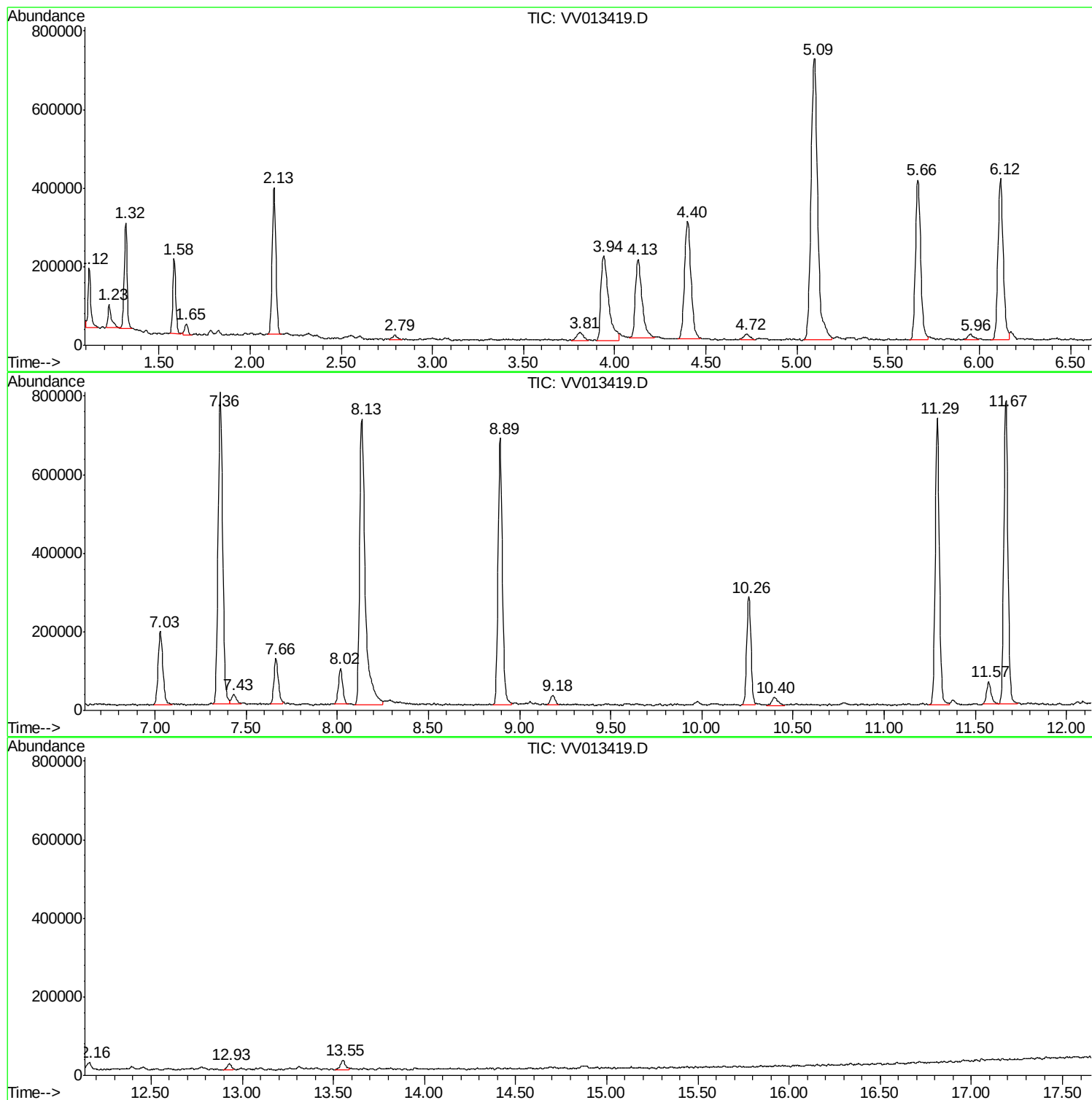
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

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



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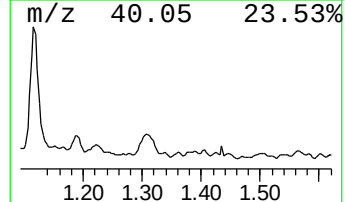
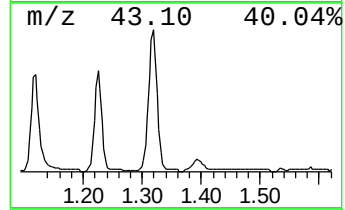
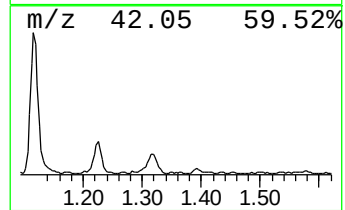
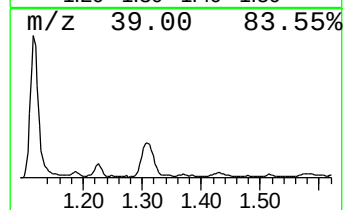
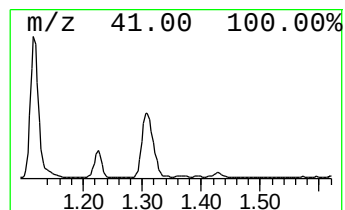
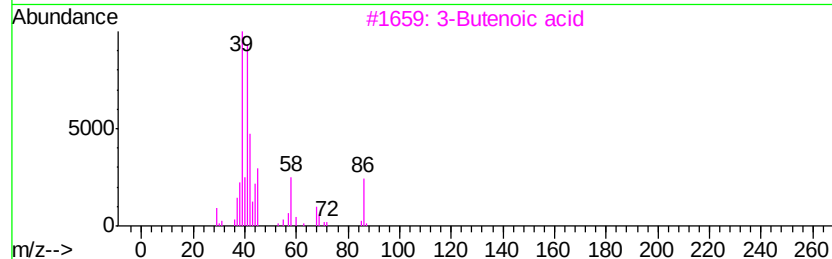
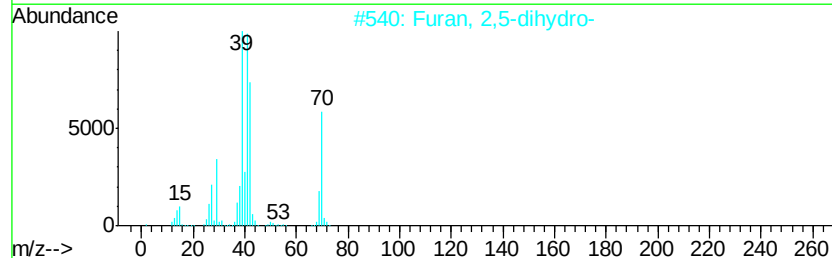
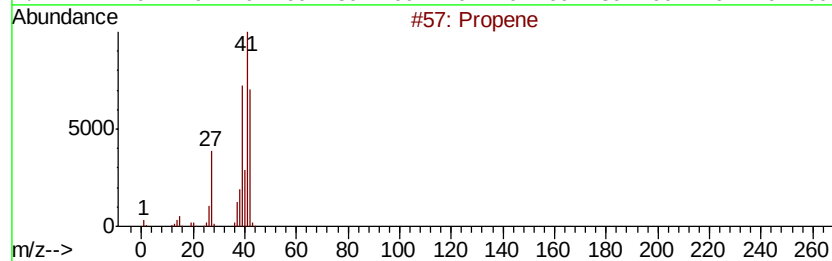
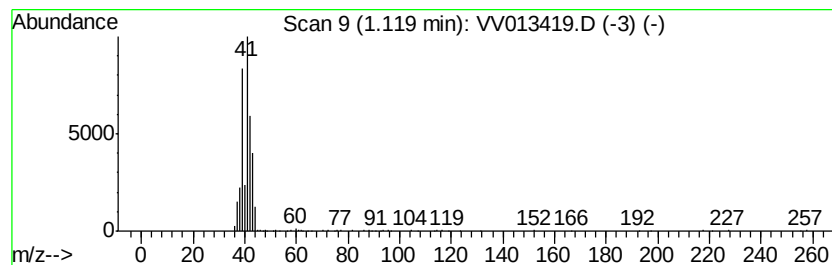
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Cyclic1.12 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.12	0.96 ug/L	155379	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propene	42	C3H6	000115-07-1	90
2		Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	83
3		3-Butenoic acid	86	C4H6O2	000625-38-7	78
4		2-Butenal, (E)-	70	C4H6O	000123-73-9	78
5		Imidazol-5(2H)-one, 4-amino-2-(2...	196	C7H8N4O3	318259-17-5	72



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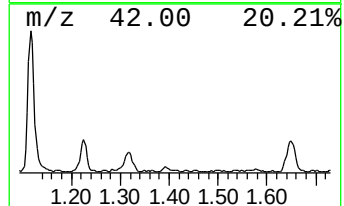
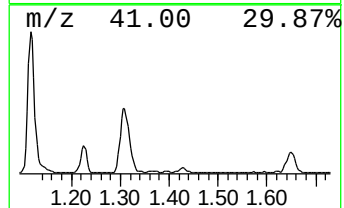
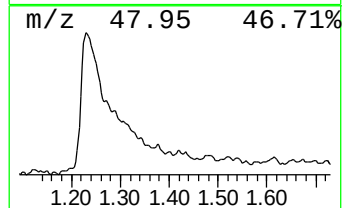
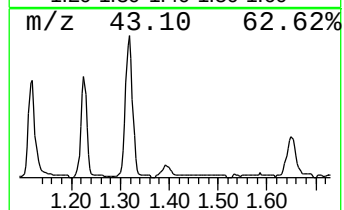
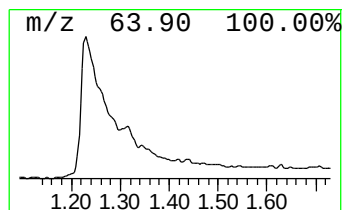
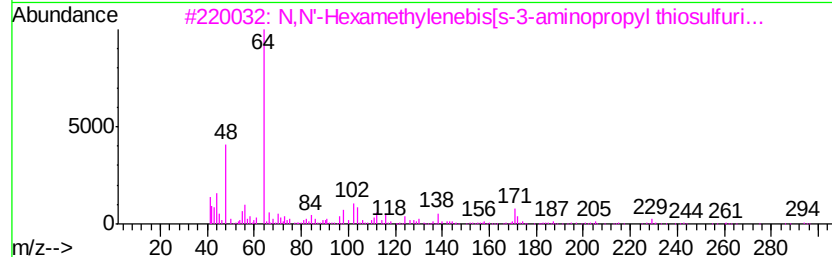
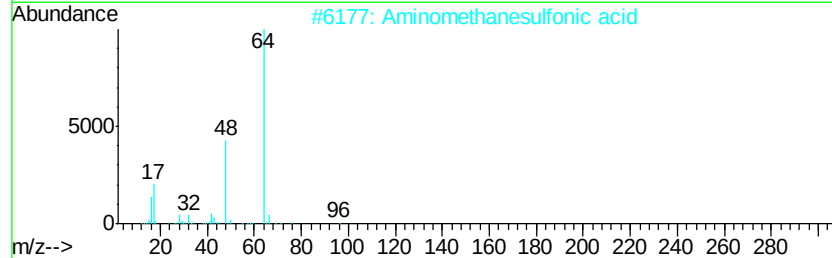
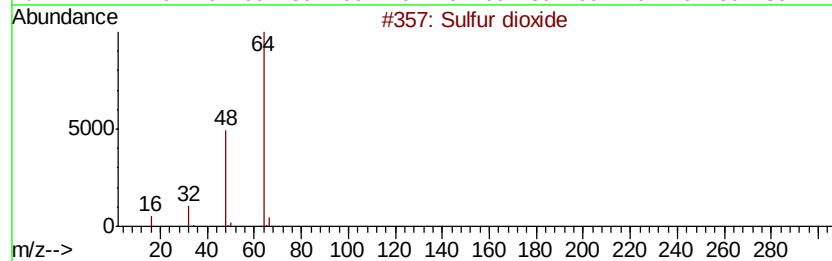
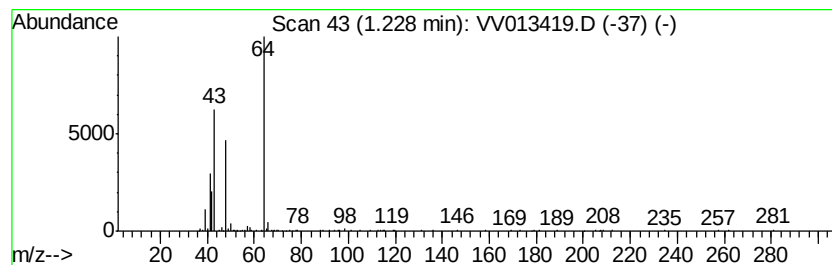
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Peak Number 2 Sulfur dioxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.23	0.51 ug/L	82836	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfur dioxide	64	O2S	007446-09-5	80
2		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
3		N,N'-Hexamethylenebis[s-3-aminopropyl thiosulfuric acid]	424	C12H28N2O6S4	035871-55-7	56
4		Dibenzo[cd,ql]indazole-3-sulfonic acid	300	C14H8N2O4S	293765-87-4	56
5		2-Benzimidazolyl methane thiosulfuric acid	244	C8H8N2O3S2	1000256-39-2	56



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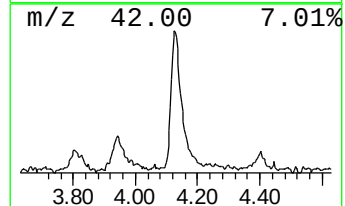
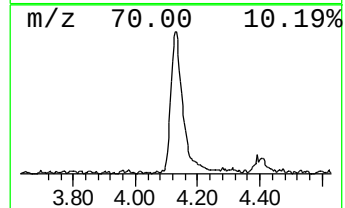
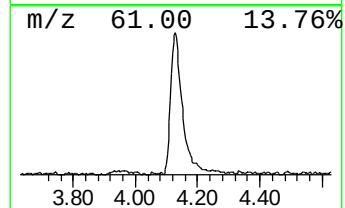
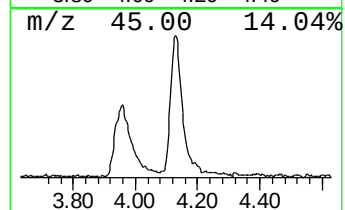
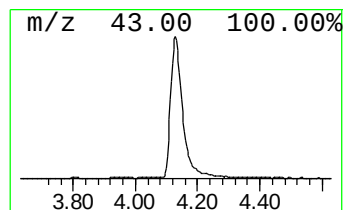
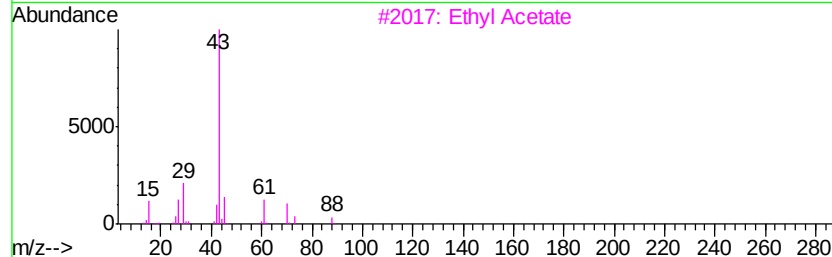
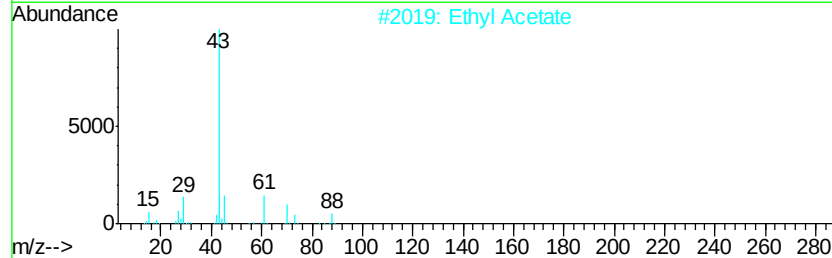
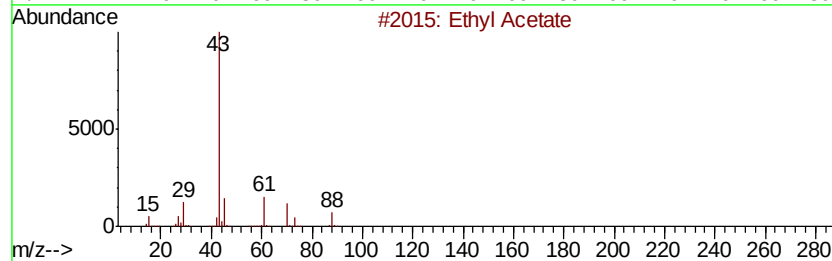
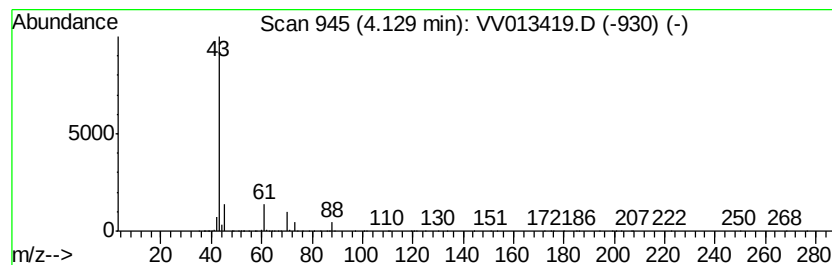
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.13	3.10 ug/L	502770	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl Acetate	88	C4H8O2	000141-78-6	90
2		Ethyl Acetate	88	C4H8O2	000141-78-6	90
3		Ethyl Acetate	88	C4H8O2	000141-78-6	86
4		Ethyl Acetate	88	C4H8O2	000141-78-6	86
5		CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	9



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	1.12	1.0	ug/L	155379	1	5.66	811608	5.0
Sulfur dioxide	1.23	0.5	ug/L	82836	1	5.66	811608	5.0
Ethyl Acetate	4.13	3.1	ug/L	502770	1	5.66	811608	5.0