

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\
 Data File : VU032866.D
 Acq On : 19 Jun 2019 18:29
 Operator : JC/SP
 Sample : K3413-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALG2

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\SOMUTR060419WMA.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	1.180	22	28	43	rBV	126365	123400	19.56%	2.111%
2	1.299	61	65	71	rVB	12869	12463	1.98%	0.213%
3	1.395	86	95	108	rBV3	110904	147482	23.38%	2.523%
4	1.473	115	119	128	rVB	5984	6405	1.02%	0.110%
5	1.678	175	183	193	rVB	51984	64261	10.19%	1.099%
6	1.756	199	207	220	rVB	30013	41152	6.52%	0.704%
7	1.897	244	251	258	rVV	13707	17501	2.77%	0.299%
8	1.942	258	265	280	rVB	21393	30123	4.78%	0.515%
9	2.048	291	298	305	rVB	7697	10345	1.64%	0.177%
10	2.180	333	339	349	rVB2	10861	15208	2.41%	0.260%
11	2.270	356	367	379	rBV	102735	157336	24.94%	2.692%
12	2.997	579	593	611	rVB2	38303	88984	14.11%	1.522%
13	3.289	678	684	697	rVB6	4808	9344	1.48%	0.160%
14	4.186	948	963	993	rBV	80200	215808	34.21%	3.692%
15	4.386	1012	1025	1054	rBV2	52724	126278	20.02%	2.160%
16	4.640	1087	1104	1128	rVB2	79680	189061	29.97%	3.234%
17	4.984	1200	1211	1222	rBV6	3564	7309	1.16%	0.125%
18	5.331	1298	1319	1347	rBV2	159889	456316	72.34%	7.806%
19	5.881	1474	1490	1506	rBV	159063	310856	49.28%	5.318%
20	6.324	1613	1628	1647	rBV	107064	212515	33.69%	3.635%
21	7.222	1895	1907	1926	rBV2	57003	103889	16.47%	1.777%
22	7.559	2000	2012	2024	rBV	211553	367339	58.24%	6.284%
23	7.630	2024	2034	2055	rVB	141683	245868	38.98%	4.206%
24	7.845	2091	2101	2115	rBV2	35903	60063	9.52%	1.027%
25	8.222	2205	2218	2234	rVB	376255	630784	100.00%	10.791%
26	8.308	2234	2245	2278	rBV	300438	540315	85.66%	9.243%
27	9.083	2474	2486	2513	rBV	230023	390604	61.92%	6.682%
28	9.244	2526	2536	2553	rVB	26702	44404	7.04%	0.760%
29	9.369	2562	2575	2592	rBV	63427	109428	17.35%	1.872%
30	9.774	2681	2701	2717	rBV	27143	50213	7.96%	0.859%
31	10.427	2893	2904	2920	rBV	90666	144623	22.93%	2.474%
32	10.601	2944	2958	2969	rBV4	7762	18075	2.87%	0.309%
33	10.675	2972	2981	2988	rBV3	10118	18241	2.89%	0.312%
34	10.768	3002	3010	3018	rVB3	4748	6408	1.02%	0.110%

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Peak separation: 5

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Title : TRACE VOA SOM01.0

35	10.967	3063	3072	3084	rBV3	4343	6731	1.07%	0.115%
36	11.144	3116	3127	3137	rBV	24065	37920	6.01%	0.649%
37	11.479	3220	3231	3249	rBV	252984	411738	65.27%	7.043%
38	11.565	3252	3258	3269	rVB2	5875	9011	1.43%	0.154%
39	11.762	3310	3319	3327	rBV5	4547	7682	1.22%	0.131%
40	11.855	3337	3348	3373	rBV	229826	383124	60.74%	6.554%
41	13.749	3928	3937	3949	rBV4	4285	10277	1.63%	0.176%
42	14.909	4287	4298	4306	rBV7	3005	6763	1.07%	0.116%

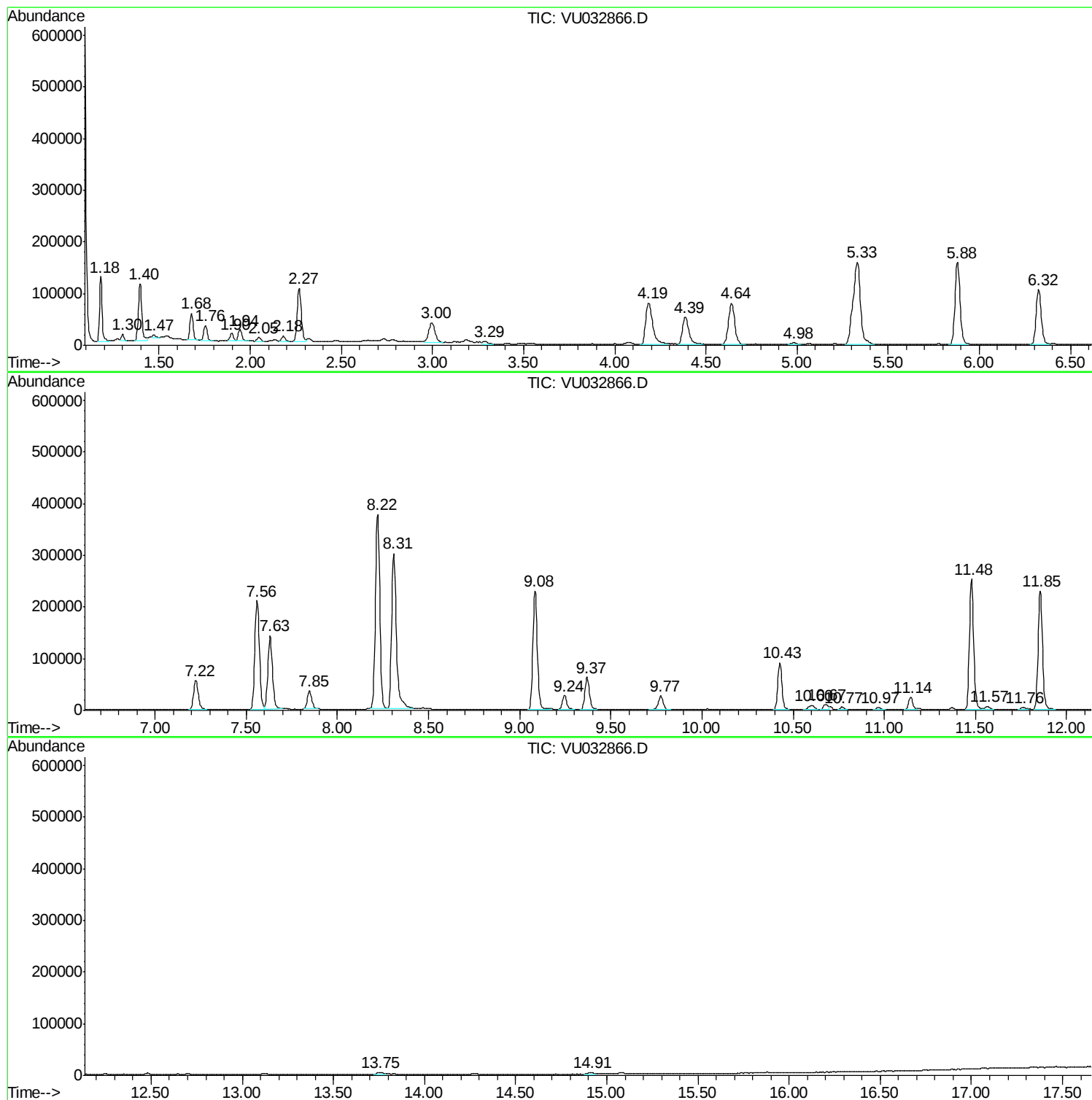
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

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



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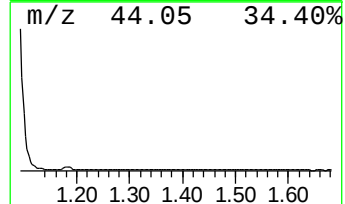
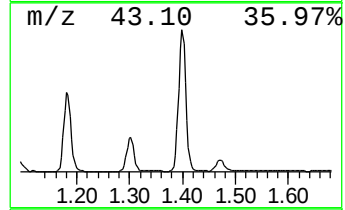
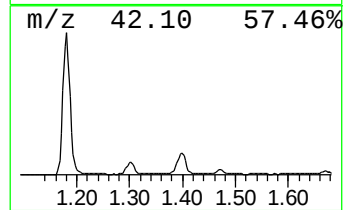
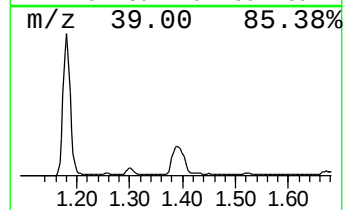
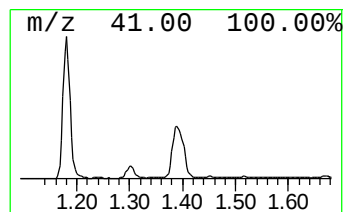
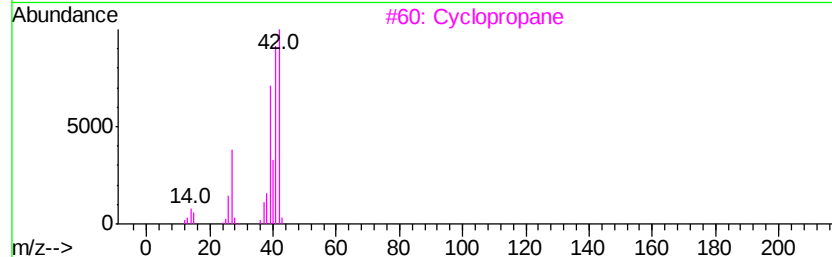
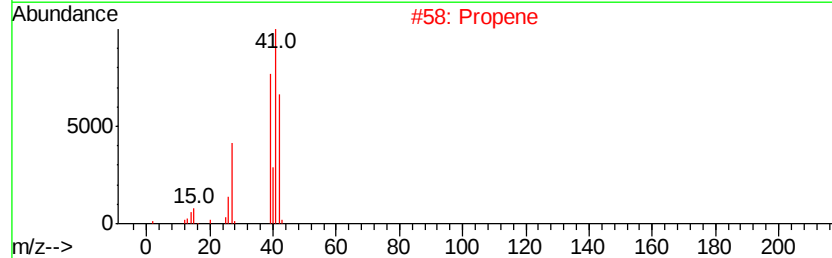
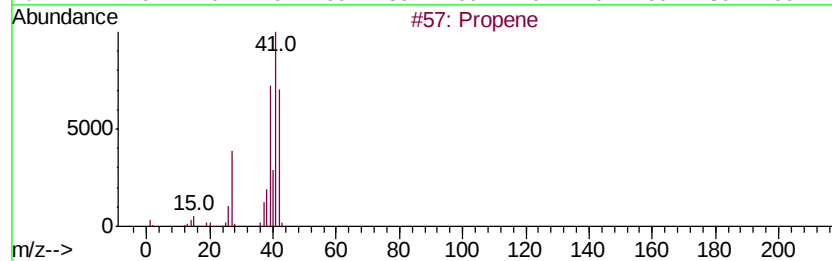
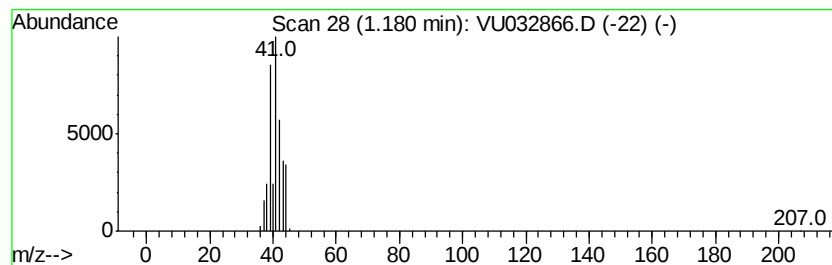
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 (DEL) Alkane: Cyclic1.18 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.18	1.98 ug/L	123400	1,4-Difluorobenzene	5.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propene	42	C3H6	000115-07-1	90
2		Propene	42	C3H6	000115-07-1	42
3		Cyclopropane	42	C3H6	000075-19-4	7
4		Cyclopropene	40	C3H4	002781-85-3	5
5		Cyclopropane	42	C3H6	000075-19-4	4



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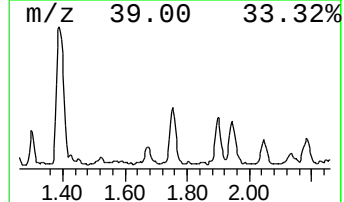
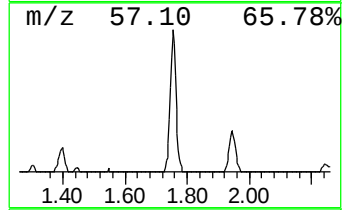
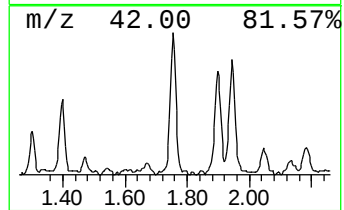
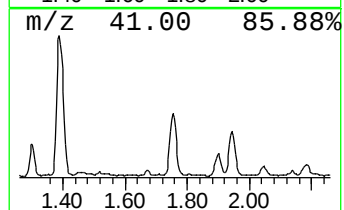
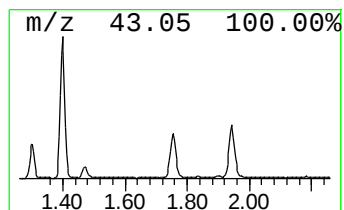
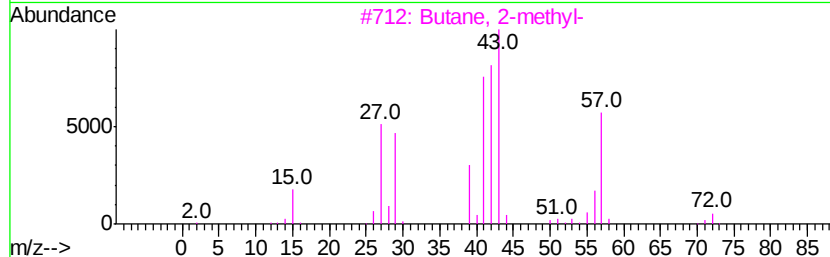
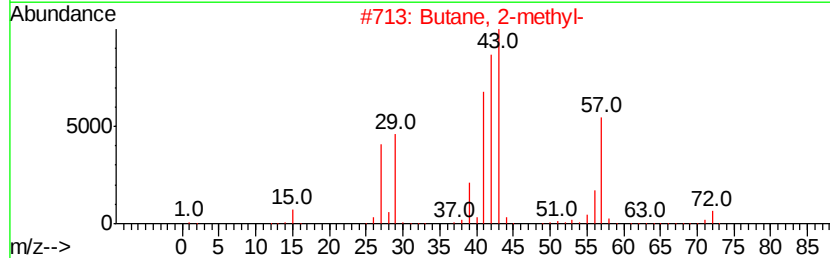
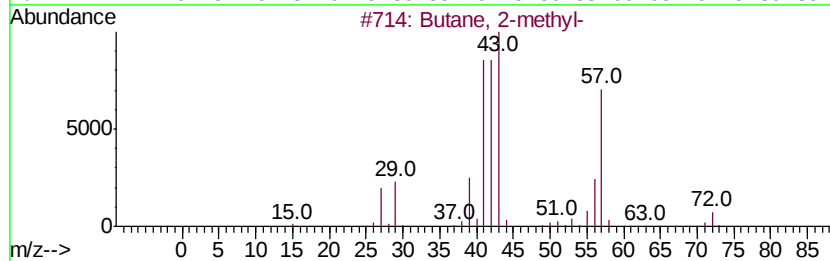
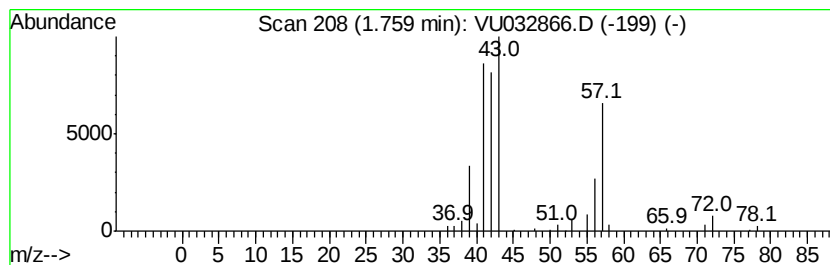
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.76	0.66 ug/L	41152	1,4-Difluorobenzene	5.88

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	90
3		Butane, 2-methyl-	72	C5H12	000078-78-4	86
4		2(3H)-Furanone, dihydro-4-methyl-	100	C5H8O2	001679-49-8	45
5		Oxirane, trimethyl-	86	C5H10O	005076-19-7	36



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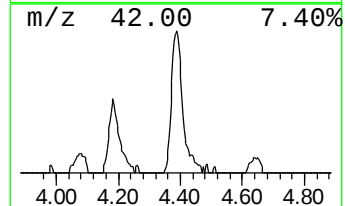
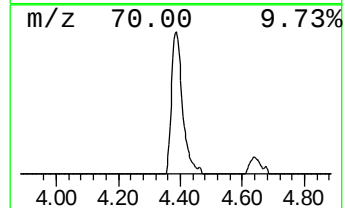
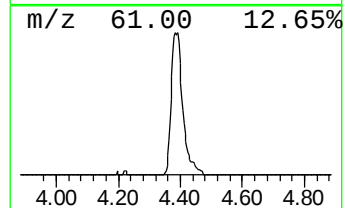
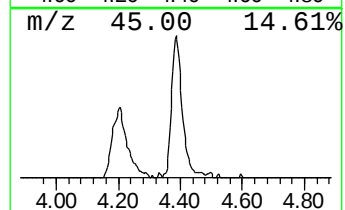
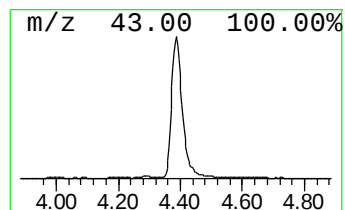
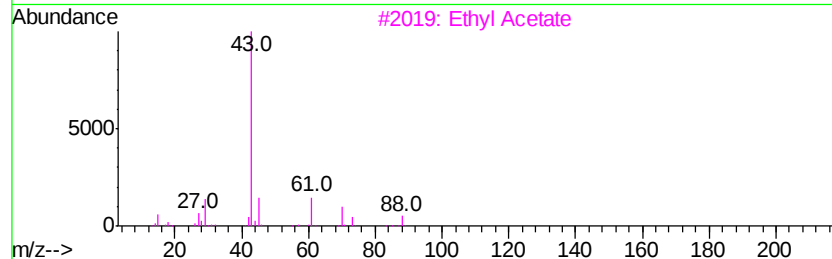
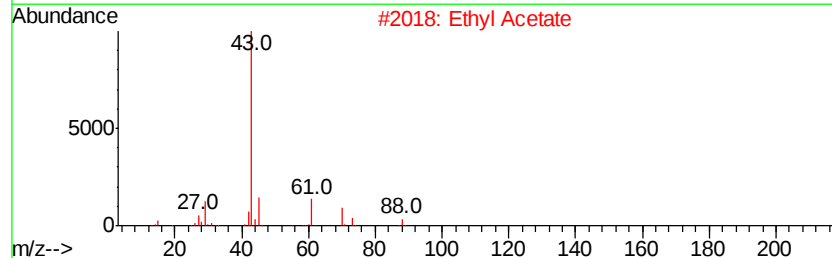
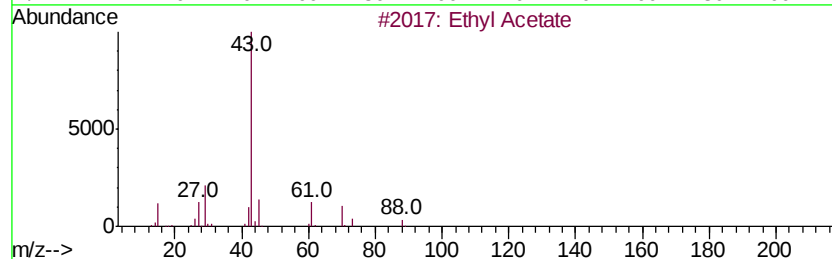
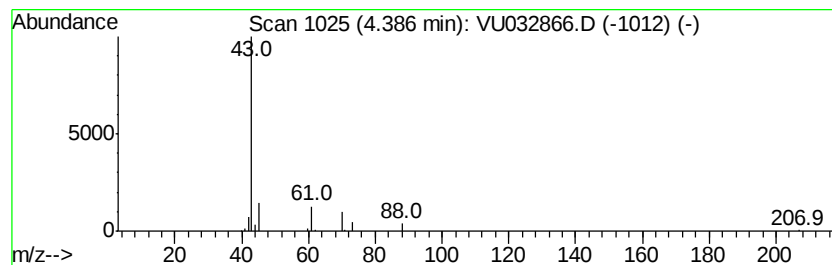
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	2.03 ug/L	126278	1,4-Difluorobenzene	5.88

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	64
5		CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	36



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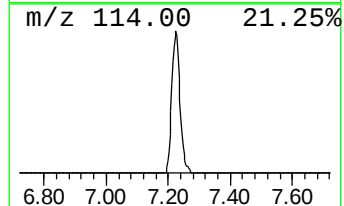
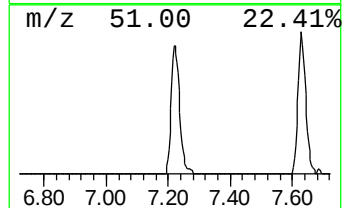
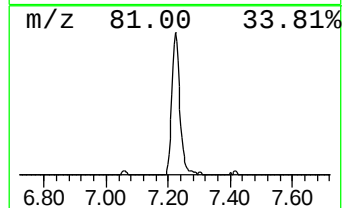
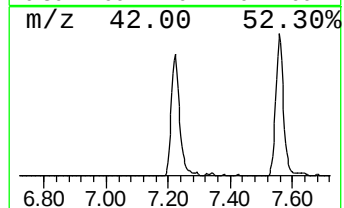
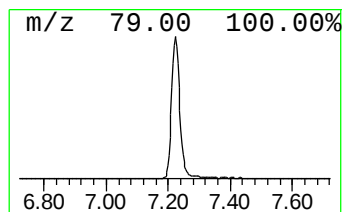
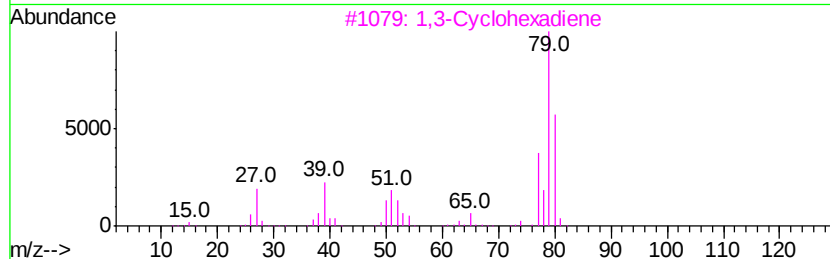
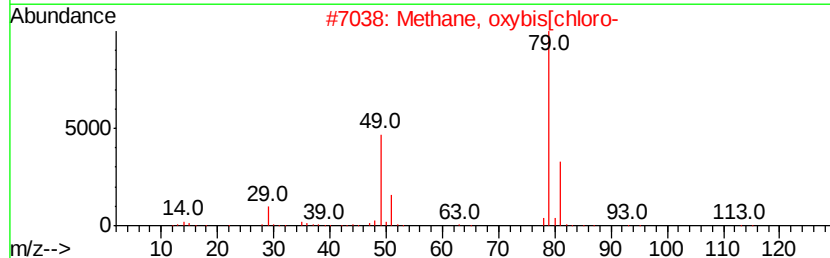
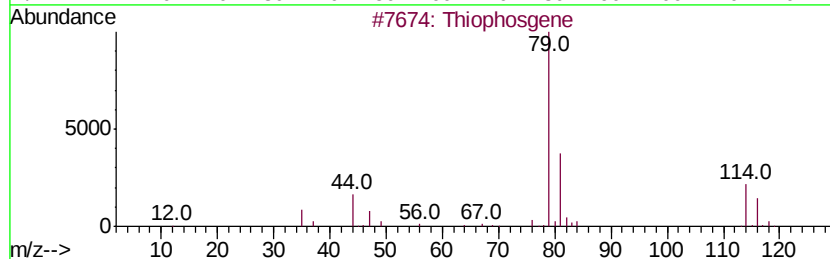
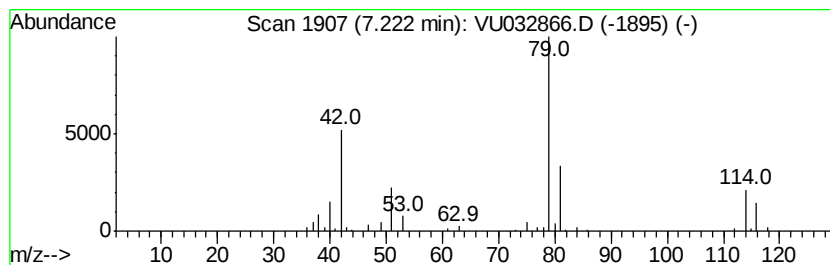
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Thiophosgene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	1.67 ug/L	103889	1,4-Difluorobenzene	5.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thiophosgene	114	CCl2S	000463-71-8	52
2		Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	25
3		1,3-Cyclohexadiene	80	C6H8	000592-57-4	25
4		Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	25
5		1,3-Cyclohexadiene	80	C6H8	000592-57-4	25



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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...	1.18	2.0	ug/L	123400	1	5.88	310856	5.0
(DEL) Alkane: Str...	1.76	0.7	ug/L	41152	1	5.88	310856	5.0
Ethyl Acetate	4.39	2.0	ug/L	126278	1	5.88	310856	5.0
Thiophosgene	7.22	1.7	ug/L	103889	1	5.88	310856	5.0