

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062019\
 Data File : VX010366.D
 Acq On : 20 Jun 2019 18:45
 Operator : JC/SP
 Sample : K3469-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-2-8.0-062019

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 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_X\METHOD\82X061919W.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.276	16	20	24	rBV	74154	111647	8.13%	0.960%
2	2.440	203	211	226	rBV	767595	1255011	91.38%	10.794%
3	2.611	233	239	245	rVB	12048	22993	1.67%	0.198%
4	3.196	325	335	346	rBV	67751	164218	11.96%	1.412%
5	5.501	699	713	726	rBV	169710	482935	35.17%	4.154%
6	5.659	728	739	754	rVB	288741	809972	58.98%	6.966%
7	6.062	795	805	820	rBV	157687	415178	30.23%	3.571%
8	6.860	924	936	951	rBV	429251	1009137	73.48%	8.679%
9	8.714	1233	1240	1249	rBV	883923	1373335	100.00%	11.812%
10	10.110	1463	1469	1478	rBV	854073	1174869	85.55%	10.105%
11	11.134	1632	1637	1644	rBV	740472	941646	68.57%	8.099%
12	11.359	1669	1674	1681	rBV	13901	19750	1.44%	0.170%
13	12.079	1786	1792	1799	rBV	884288	1139086	82.94%	9.797%
14	12.298	1820	1828	1833	rVV	76263	97011	7.06%	0.834%
15	12.365	1836	1839	1846	rVB7	10111	20785	1.51%	0.179%
16	12.457	1849	1854	1860	rBV	27534	39211	2.86%	0.337%
17	12.664	1879	1888	1891	rBV	47322	65101	4.74%	0.560%
18	12.701	1891	1894	1898	rVV	37107	48124	3.50%	0.414%
19	12.756	1898	1903	1910	rVV	65138	95043	6.92%	0.817%
20	12.896	1916	1926	1930	rBV	38904	57701	4.20%	0.496%
21	12.975	1931	1939	1944	rBV	108956	147022	10.71%	1.264%
22	13.085	1952	1957	1963	rBV3	17511	26536	1.93%	0.228%
23	13.152	1963	1968	1971	rBV	12691	15910	1.16%	0.137%
24	13.188	1971	1974	1977	rBV2	41531	51611	3.76%	0.444%
25	13.225	1977	1980	1982	rVV	28665	32299	2.35%	0.278%
26	13.249	1982	1984	1988	rVB2	20187	21984	1.60%	0.189%
27	13.347	1995	2000	2005	rVB2	100909	141619	10.31%	1.218%
28	13.402	2005	2009	2011	rBV2	20710	25104	1.83%	0.216%
29	13.481	2018	2022	2026	rVB4	14445	20377	1.48%	0.175%
30	13.566	2031	2036	2038	rVV2	13997	22409	1.63%	0.193%
31	13.603	2038	2042	2044	rVV2	22001	31960	2.33%	0.275%
32	13.640	2044	2048	2051	rVV2	41483	64801	4.72%	0.557%
33	13.676	2051	2054	2055	rVV	26572	31762	2.31%	0.273%
34	13.700	2055	2058	2059	rVV	35098	47566	3.46%	0.409%

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Instrument :
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Integration Parameters: RTEINT.P

Integrator: RTE
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35	13.719	2059	2061	2071	rVB3	48066	75025	5.46%	0.645%
36	13.810	2071	2076	2078	rBV	15790	24545	1.79%	0.211%
37	13.841	2078	2081	2087	rVB2	16979	35511	2.59%	0.305%
38	13.908	2087	2092	2097	rBV	75921	92618	6.74%	0.797%
39	13.981	2097	2104	2108	rBV	90872	127965	9.32%	1.101%
40	14.024	2108	2111	2116	rVB2	15984	22543	1.64%	0.194%
41	14.127	2124	2128	2131	rBV2	18659	27460	2.00%	0.236%
42	14.164	2131	2134	2138	rVB	30899	37913	2.76%	0.326%
43	14.267	2148	2151	2161	rVB	37212	68419	4.98%	0.588%
44	14.377	2164	2169	2172	rVV	50260	59474	4.33%	0.512%
45	14.426	2174	2177	2182	rVB2	36379	52394	3.82%	0.451%
46	14.536	2190	2195	2200	rBV2	58116	85649	6.24%	0.737%
47	14.670	2207	2217	2218	rBV3	19556	40198	2.93%	0.346%
48	14.694	2218	2221	2224	rVV	38281	49750	3.62%	0.428%
49	14.731	2224	2227	2231	rVV	28634	37953	2.76%	0.326%
50	14.847	2240	2246	2253	rBV2	51662	101567	7.40%	0.874%
51	14.901	2253	2255	2260	rVB5	13709	17837	1.30%	0.153%
52	15.249	2306	2312	2317	rBV	23733	38100	2.77%	0.328%
53	15.322	2319	2324	2328	rVB5	11732	17460	1.27%	0.150%
54	15.475	2336	2349	2355	rBV	39096	74136	5.40%	0.638%
55	15.548	2357	2361	2365	rVV2	18736	31593	2.30%	0.272%
56	15.590	2365	2368	2375	rVV6	12574	21885	1.59%	0.188%
57	15.682	2375	2383	2388	rVV2	35699	74574	5.43%	0.641%
58	15.804	2398	2403	2409	rBV4	16626	33175	2.42%	0.285%
59	15.889	2409	2417	2419	rVV	40017	72572	5.28%	0.624%
60	15.920	2419	2422	2430	rVB	45231	76603	5.58%	0.659%
61	16.066	2440	2446	2456	rVB	53172	93480	6.81%	0.804%
62	16.413	2494	2503	2510	rBV	50543	95365	6.94%	0.820%
63	16.627	2532	2538	2545	rBV5	6658	17566	1.28%	0.151%

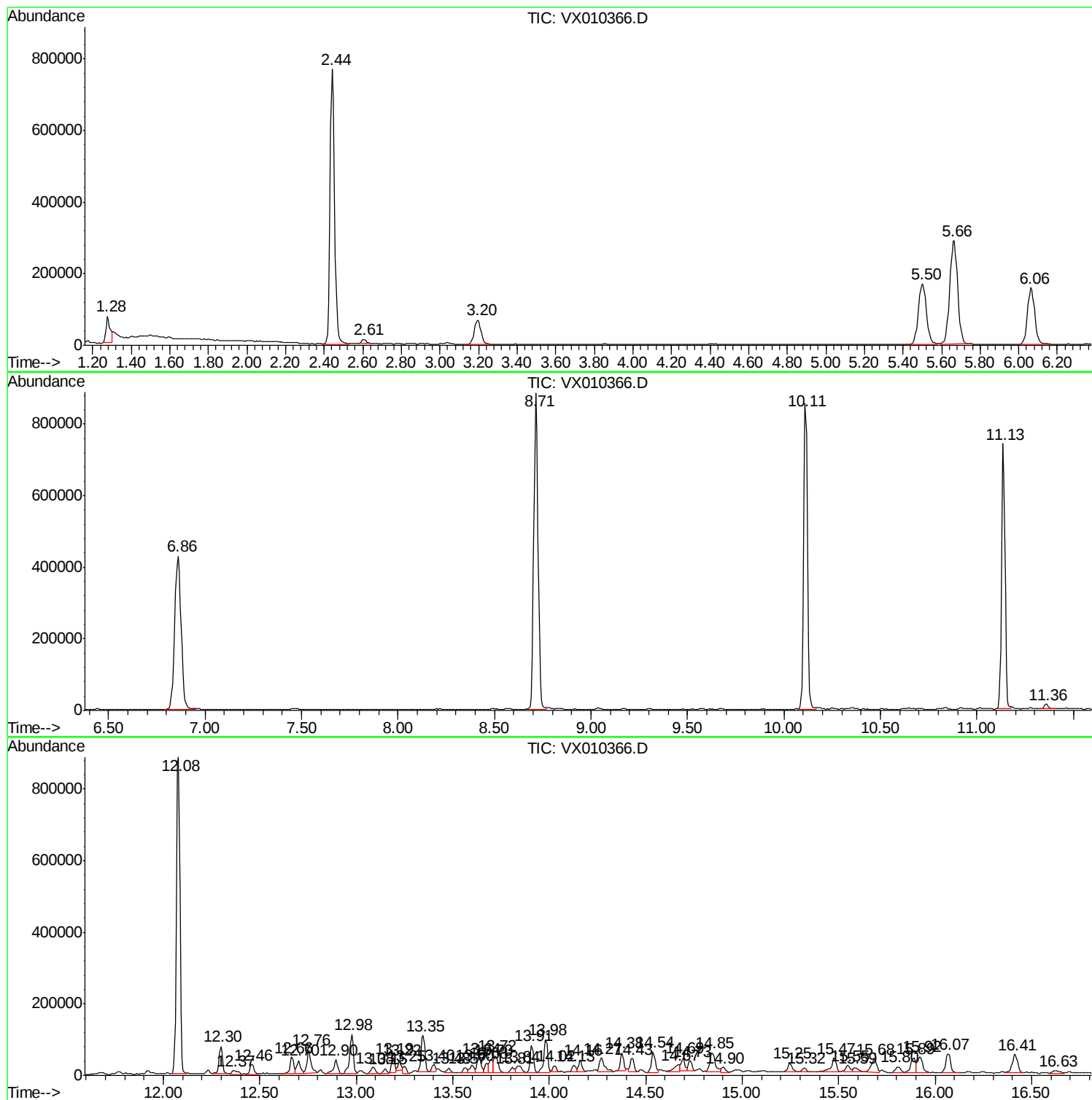
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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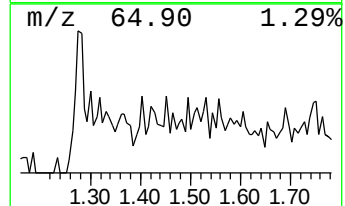
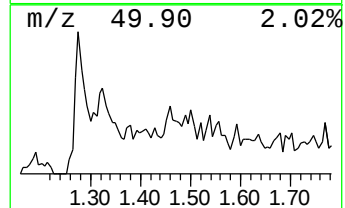
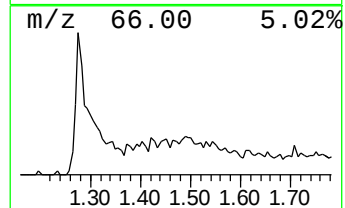
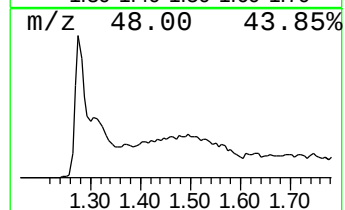
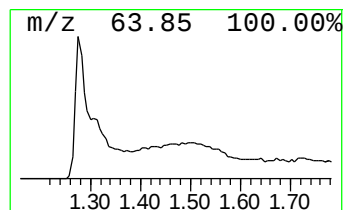
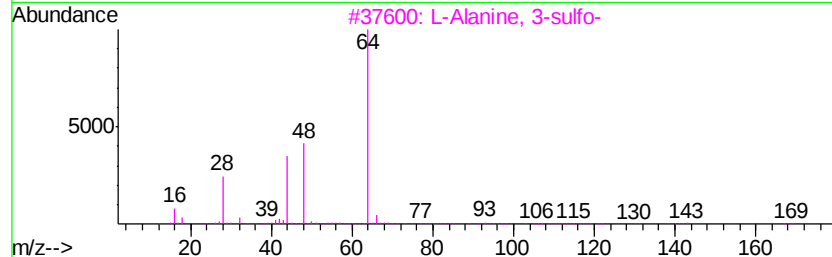
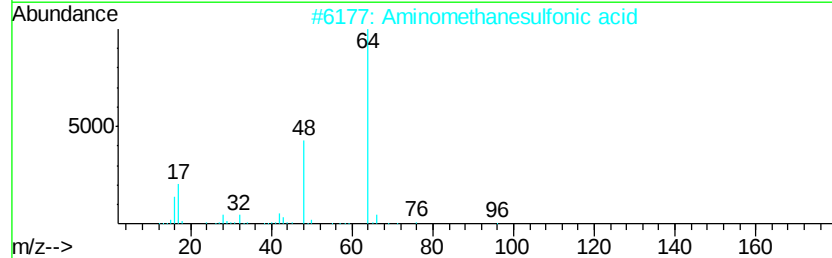
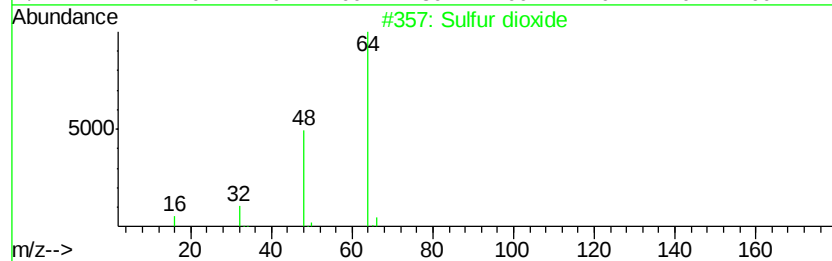
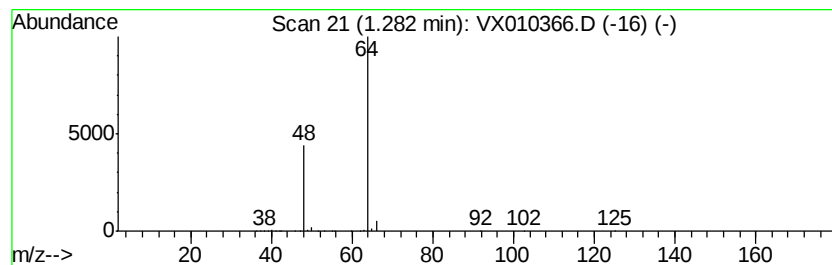
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-2-8.0-062019

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

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.
1.28	6.89 ug/l	111647	Pentafluorobenzene	5.67
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	Ethyl Chloride	64 C2H5Cl	000075-00-3	3
5	Ethene, 1,1-difluoro-	64 C2H2F2	000075-38-7	3



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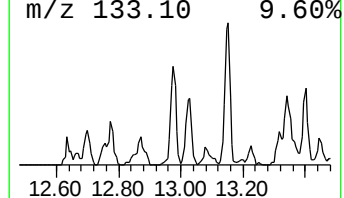
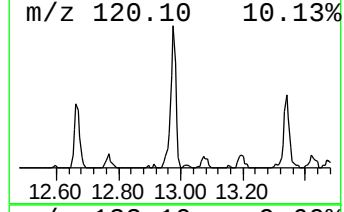
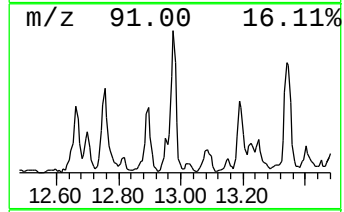
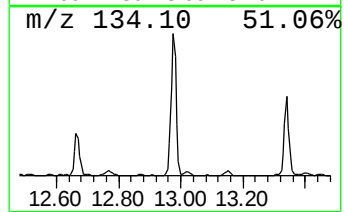
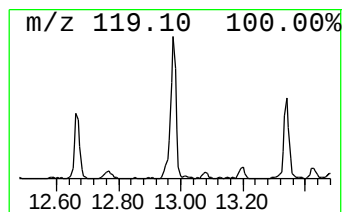
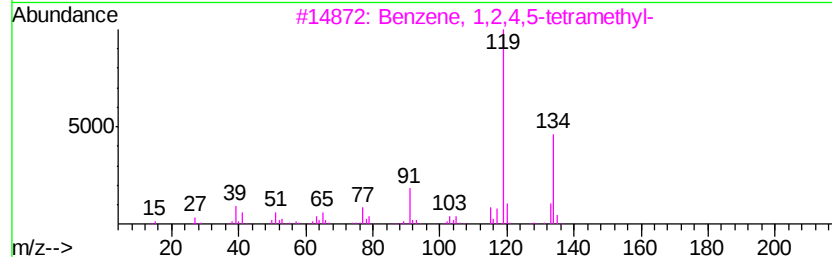
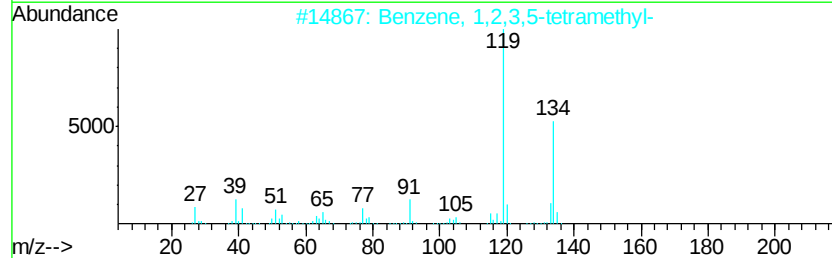
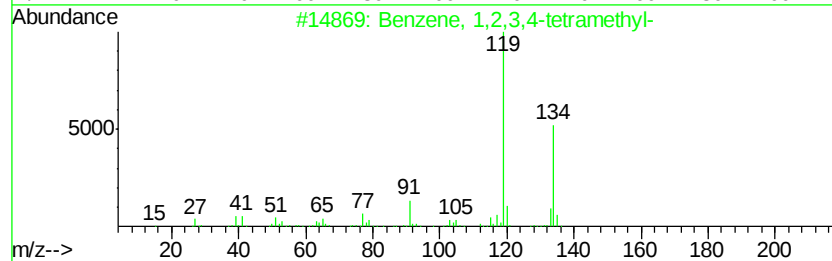
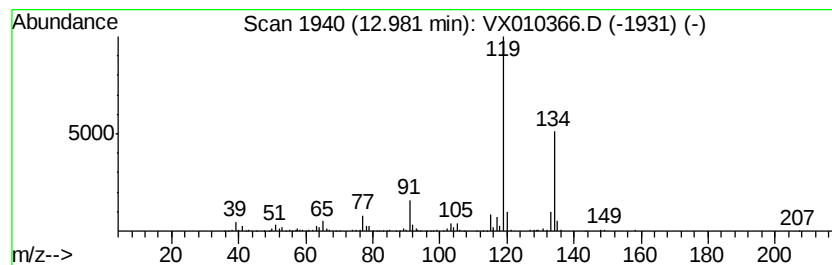
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	6.45 ug/l	147022	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
4		o-Cymene	134	C10H14	000527-84-4	94
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94



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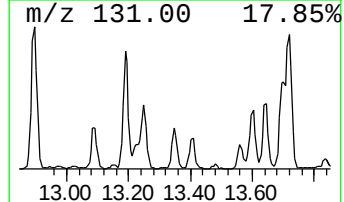
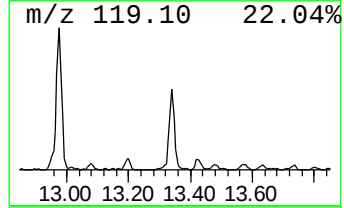
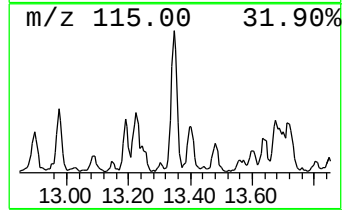
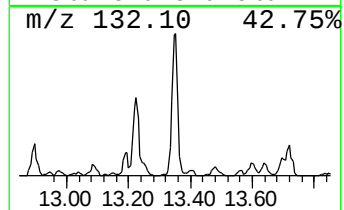
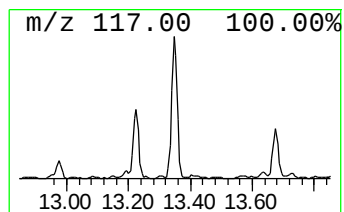
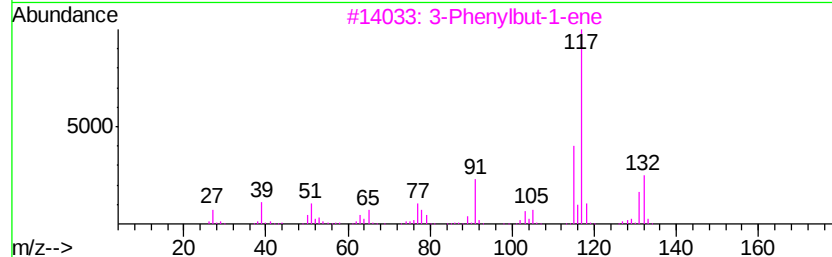
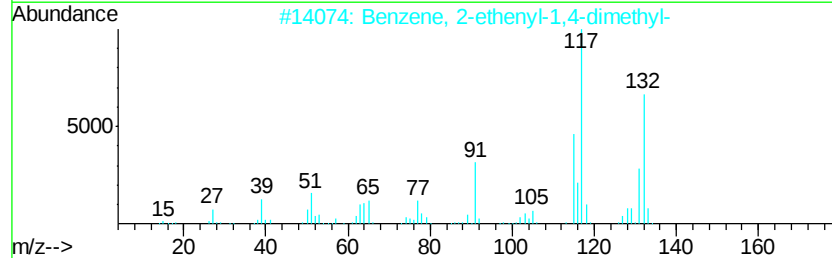
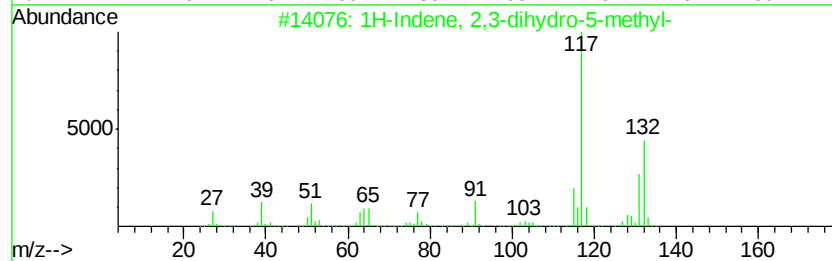
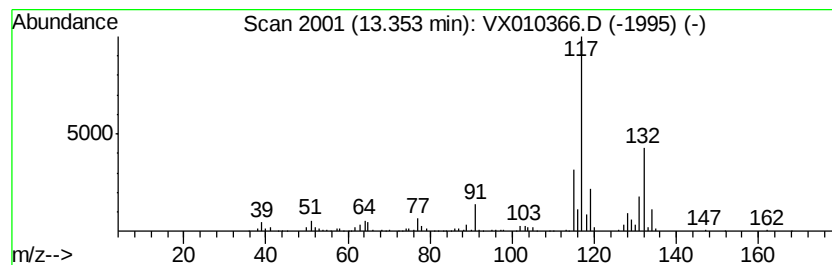
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.35	6.22 ug/l	141619	1,4-Dichlorobenzene-d4	12.08	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	87
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	70
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70



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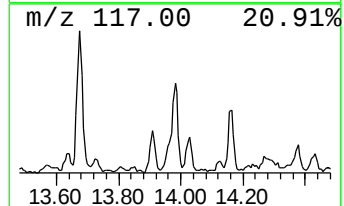
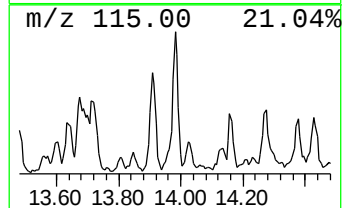
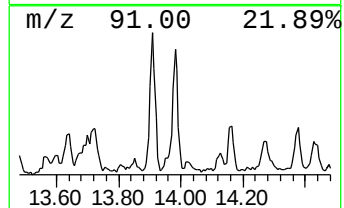
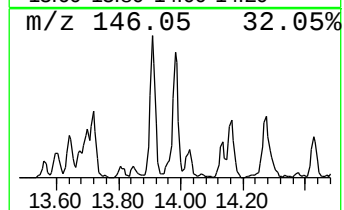
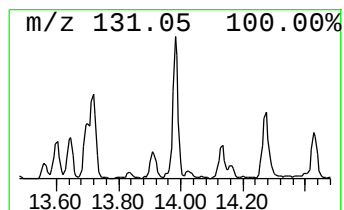
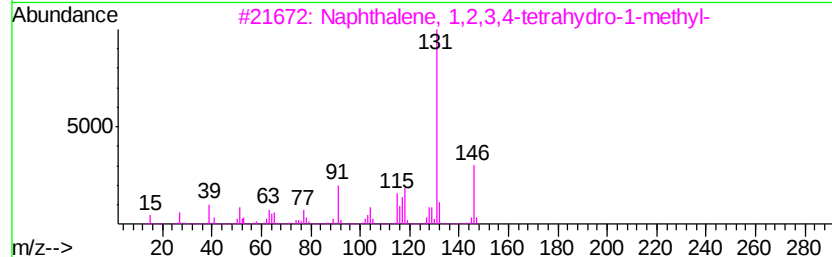
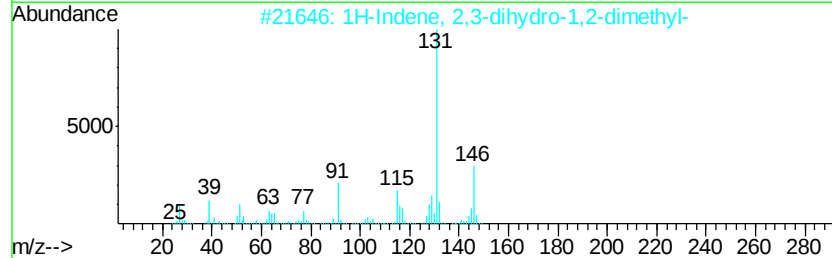
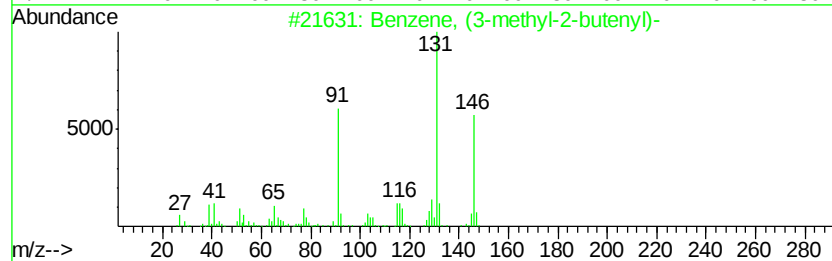
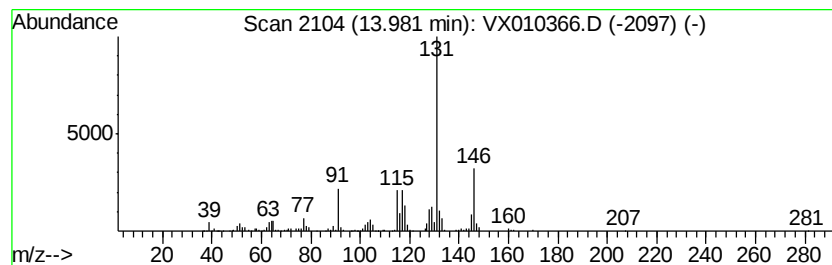
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Peak Number 4 Benzene, (3-methyl-2-butenyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	5.62 ug/l	127965	1,4-Dichlorobenzene-d4	12.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, (3-methyl-2-butenyl)-	146 C11H14	004489-84-3 93
2		1H-Indene, 2,3-dihydro-1,2-dimet...	146 C11H14	017057-82-8 91
3		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001559-81-5 90
4		2,2-Dimethylindene, 2,3-dihydro-	146 C11H14	020836-11-7 87
5		Benzene, 1-methyl-3-(1-methyl-2-...	146 C11H14	052161-57-6 81



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ClientSampleId :
T11-MW-2-8.0-062019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.28	6.9	ug/l	111647	1	5.67	809972	50.0
Benzene, 1,2,3,4-...	12.98	6.5	ug/l	147022	4	12.08	1139090	50.0
1H-Indene, 2,3-di...	13.35	6.2	ug/l	141619	4	12.08	1139090	50.0
Benzene, (3-methy...	13.98	5.6	ug/l	127965	4	12.08	1139090	50.0