

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025438.D
 Acq On : 02 Dec 2021 19:04
 Operator : JC/MD
 Sample : M4917-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

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_X\Method\82X111721W.M
 Title : SW846 8260

Signal : TIC: VX025438.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.246	22	26	44	rBV	114967	246751	45.01%	4.078%
2	1.746	104	108	117	rVB2	8695	14133	2.58%	0.234%
3	1.953	138	142	153	rVB3	6586	10907	1.99%	0.180%
4	2.776	270	277	281	rBV4	2544	5578	1.02%	0.092%
5	2.825	281	285	289	rVV2	3730	7334	1.34%	0.121%
6	3.117	324	333	343	rVB2	10957	26852	4.90%	0.444%
7	4.215	504	513	521	rBV5	3039	9394	1.71%	0.155%
8	4.306	521	528	538	rVB3	3532	10031	1.83%	0.166%
9	5.391	694	706	718	rBV	64212	186930	34.10%	3.090%
10	5.556	723	733	742	rBV	102399	296401	54.06%	4.899%
11	5.843	772	780	788	rVB6	2071	6511	1.19%	0.108%
12	5.958	788	799	811	rBV	65820	176379	32.17%	2.915%
13	6.251	840	847	856	rVB4	4742	13912	2.54%	0.230%
14	6.361	856	865	874	rVB3	5879	15888	2.90%	0.263%
15	6.763	920	931	940	rBV	166385	399731	72.91%	6.607%
16	6.842	941	944	955	rVB4	6513	15576	2.84%	0.257%
17	7.092	974	985	993	rBV4	3227	11434	2.09%	0.189%
18	7.373	1021	1031	1041	rBV4	9518	28154	5.14%	0.465%
19	7.501	1046	1052	1057	rBV4	2828	5852	1.07%	0.097%
20	7.988	1124	1132	1141	rVB2	7090	17042	3.11%	0.282%
21	8.110	1145	1152	1161	rBV2	15112	33938	6.19%	0.561%
22	8.202	1161	1167	1174	rVB7	4635	11198	2.04%	0.185%
23	8.312	1178	1185	1194	rBV5	4381	10540	1.92%	0.174%
24	8.507	1208	1217	1228	rVB9	3340	8658	1.58%	0.143%
25	8.610	1228	1234	1235	rBV2	4132	6036	1.10%	0.100%
26	8.653	1235	1241	1249	rVB	351172	548241	100.00%	9.061%
27	8.927	1279	1286	1291	rBV	13516	22116	4.03%	0.366%
28	9.104	1307	1315	1320	rBV5	7062	14220	2.59%	0.235%
29	9.165	1320	1325	1334	rVB	34584	54656	9.97%	0.903%
30	9.433	1363	1369	1371	rBV	7753	11981	2.19%	0.198%
31	9.464	1371	1374	1377	rVV	8159	12277	2.24%	0.203%
32	9.500	1377	1380	1387	rVB4	9712	16676	3.04%	0.276%
33	9.604	1393	1397	1402	rVB	10093	13632	2.49%	0.225%
34	9.763	1417	1423	1429	rBV3	7658	13227	2.41%	0.219%
35	10.055	1462	1471	1476	rBV	358082	467781	85.32%	7.732%
36	10.195	1491	1494	1503	rVB	14487	20997	3.83%	0.347%

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37	10.305	1503	1512	1518	rVB	27414	43160	7.87%	0.713%
38	10.586	1551	1558	1564	rBV3	3226	6338	1.16%	0.105%
39	10.781	1580	1590	1592	rBV5	3325	6223	1.14%	0.103%
40	10.964	1616	1620	1628	rBV3	5727	10249	1.87%	0.169%
41	11.085	1635	1640	1655	rVB	272921	364765	66.53%	6.029%
42	11.305	1673	1676	1682	rVB	17747	22965	4.19%	0.380%
43	11.384	1684	1689	1690	rVV	6350	7827	1.43%	0.129%
44	11.402	1690	1692	1696	rVV2	7564	9298	1.70%	0.154%
45	11.451	1696	1700	1706	rVB3	4032	6745	1.23%	0.111%
46	11.616	1722	1727	1735	rVB	10290	13516	2.47%	0.223%
47	11.756	1745	1750	1756	rVB	24601	30252	5.52%	0.500%
48	11.866	1763	1768	1770	rBV	22936	29049	5.30%	0.480%
49	11.890	1770	1772	1779	rVB	21109	26999	4.92%	0.446%
50	12.024	1789	1794	1800	rBV	363894	441862	80.60%	7.303%
51	12.091	1801	1805	1811	rVB	6391	8229	1.50%	0.136%
52	12.250	1825	1831	1837	rBV	168458	211328	38.55%	3.493%
53	12.317	1837	1842	1852	rVB2	72249	134308	24.50%	2.220%
54	12.408	1852	1857	1861	rBV	22933	28412	5.18%	0.470%
55	12.463	1861	1866	1872	rVB	53121	62649	11.43%	1.035%
56	12.530	1872	1877	1885	rBV	21933	34736	6.34%	0.574%
57	12.616	1885	1891	1894	rBV	72625	88535	16.15%	1.463%
58	12.646	1894	1896	1901	rVB	36333	40468	7.38%	0.669%
59	12.701	1901	1905	1912	rBV	86850	117889	21.50%	1.948%
60	12.847	1923	1929	1933	rVB2	16042	22648	4.13%	0.374%
61	12.927	1934	1942	1945	rBV	192209	241769	44.10%	3.996%
62	12.963	1945	1948	1954	rVB	67373	79609	14.52%	1.316%
63	13.024	1954	1958	1965	rBV2	34823	56408	10.29%	0.932%
64	13.140	1967	1977	1980	rBV3	31513	55218	10.07%	0.913%
65	13.170	1980	1982	1984	rBV	7343	5780	1.05%	0.096%
66	13.195	1984	1986	1992	rVB2	14131	20662	3.77%	0.342%
67	13.256	1992	1996	1999	rBV2	19052	28821	5.26%	0.476%
68	13.292	1999	2002	2007	rVB2	61217	76007	13.86%	1.256%
69	13.372	2007	2015	2021	rVB2	33162	57947	10.57%	0.958%
70	13.427	2021	2024	2032	rVB3	9101	12047	2.20%	0.199%
71	13.506	2032	2037	2040	rBV3	14435	23118	4.22%	0.382%
72	13.548	2040	2044	2047	rBV	84244	113870	20.77%	1.882%
73	13.585	2047	2050	2055	rVB3	86224	115696	21.10%	1.912%
74	13.664	2060	2063	2070	rVV2	104998	168540	30.74%	2.786%
75	13.756	2074	2078	2079	rBV	4758	5696	1.04%	0.094%
76	13.780	2079	2082	2091	rVV3	12977	27374	4.99%	0.452%

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77	13.853	2091	2094	2099	rVB	11542	15693	2.86%	0.259%
78	13.926	2099	2106	2110	rBV3	35422	54177	9.88%	0.895%
79	13.975	2110	2114	2117	rVV	27432	34980	6.38%	0.578%
80	14.006	2117	2119	2123	rVB2	5656	6281	1.15%	0.104%
81	14.079	2126	2131	2136	rBV	73677	88560	16.15%	1.464%
82	14.213	2149	2153	2163	rBV	51148	81263	14.82%	1.343%
83	14.323	2168	2171	2176	rVV	21454	28523	5.20%	0.471%
84	14.378	2176	2180	2184	rVB	40316	50991	9.30%	0.843%
85	14.420	2184	2187	2192	rVB2	4722	5541	1.01%	0.092%
86	14.487	2192	2198	2202	rBV2	11611	17564	3.20%	0.290%
87	14.615	2214	2219	2220	rBV2	4937	5780	1.05%	0.096%
88	14.640	2220	2223	2227	rVV	9731	15113	2.76%	0.250%
89	14.786	2242	2247	2250	rBV2	12413	17825	3.25%	0.295%

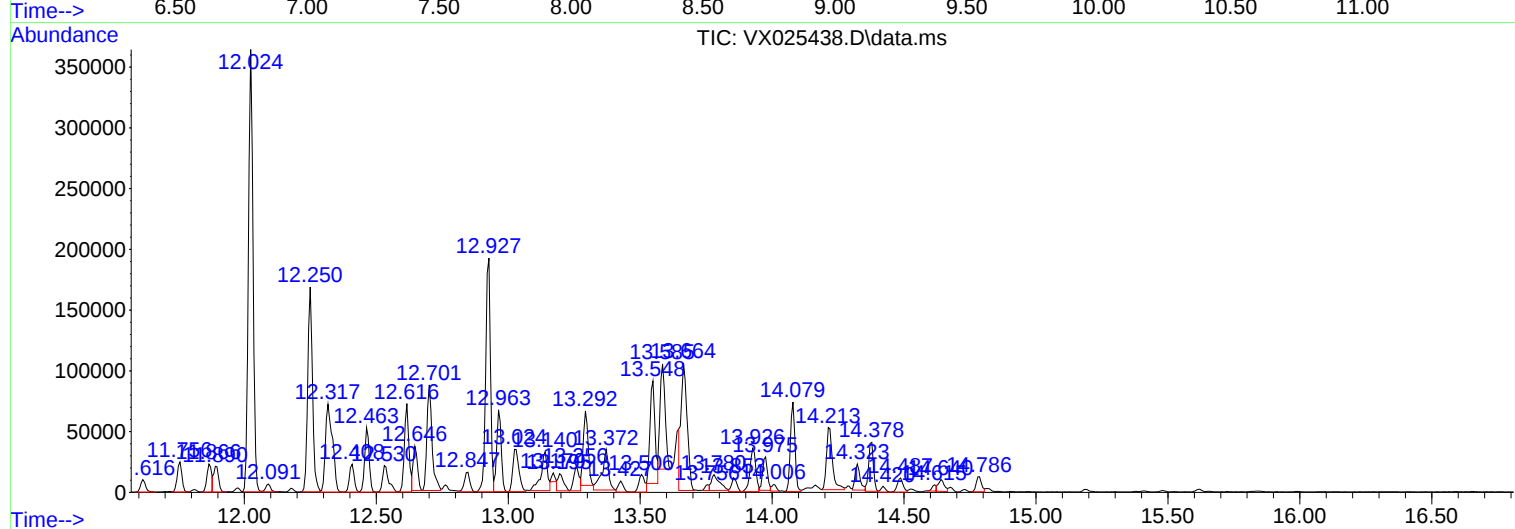
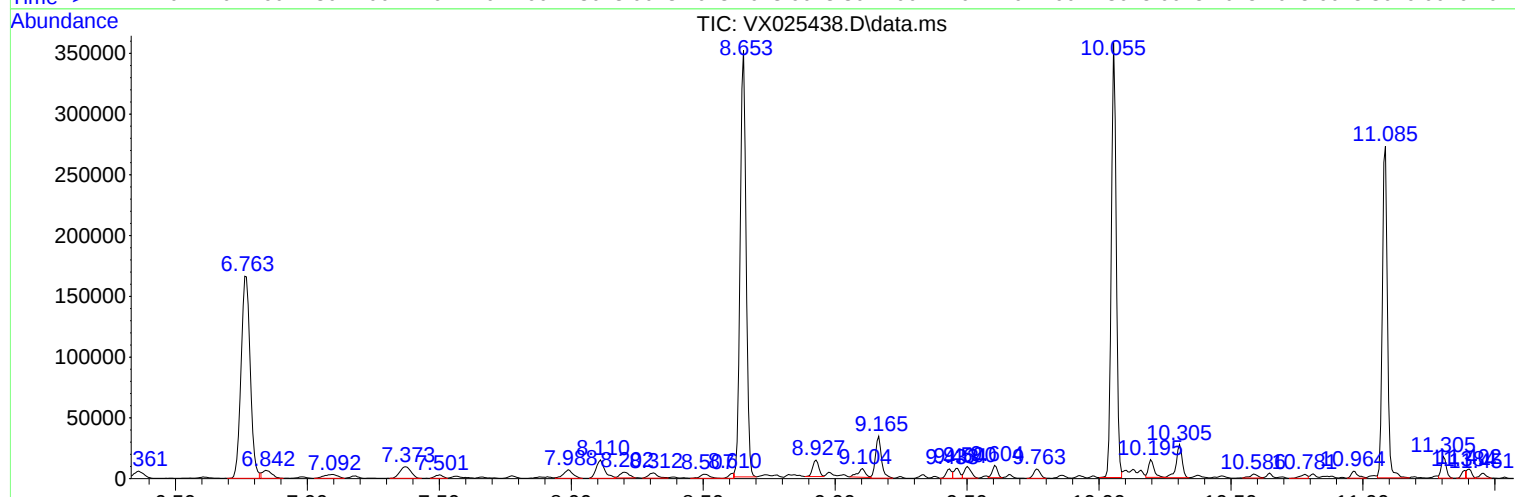
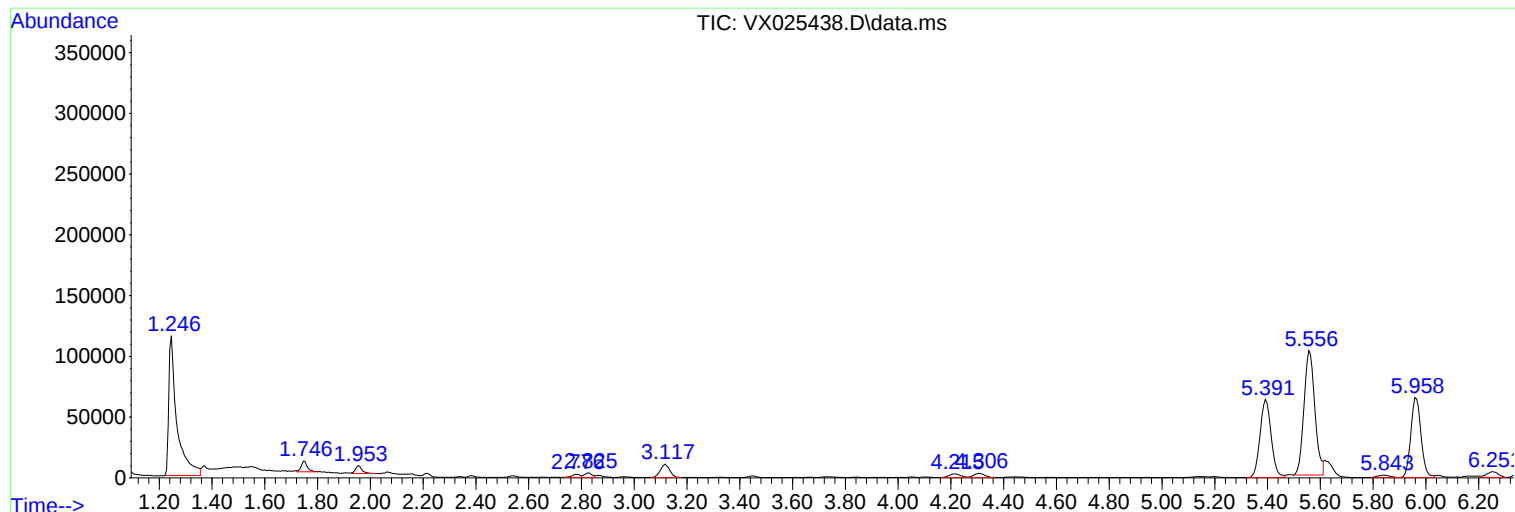
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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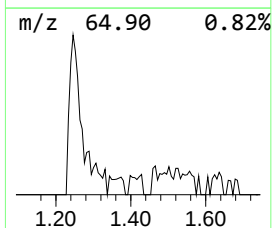
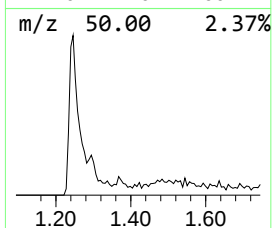
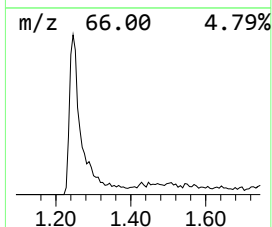
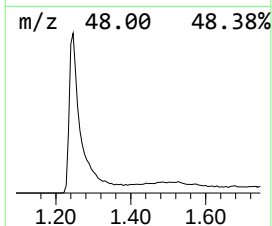
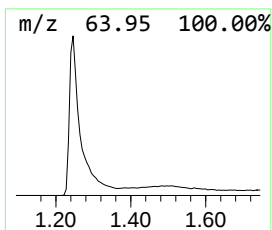
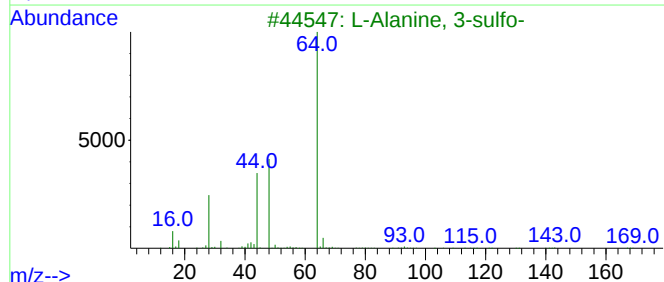
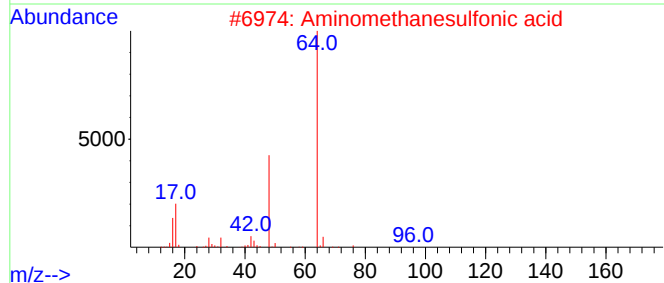
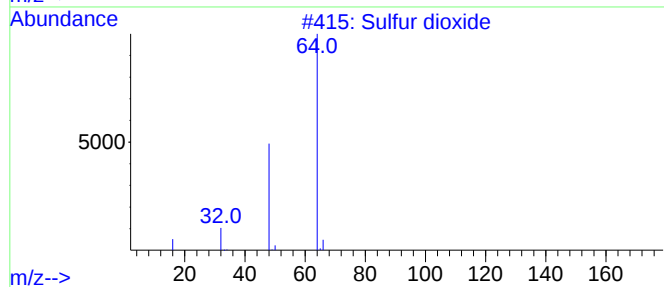
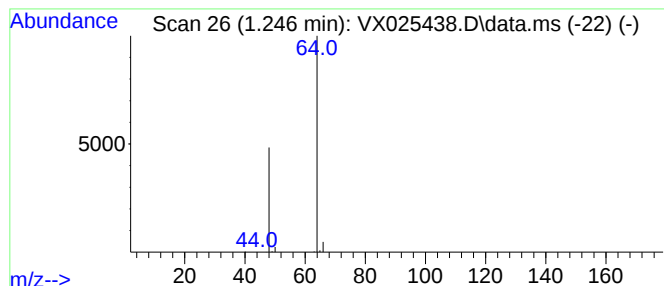
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.246	41.62 ug/l	246751	Pentafluorobenzene	5.562

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			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4
5			Ethyl Chloride	64	C2H5Cl	000075-00-3	3



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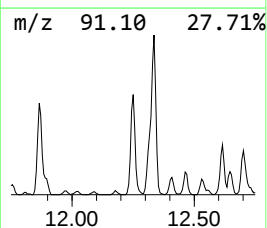
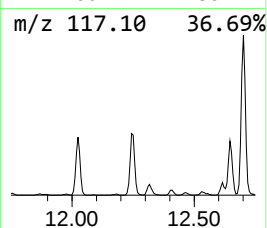
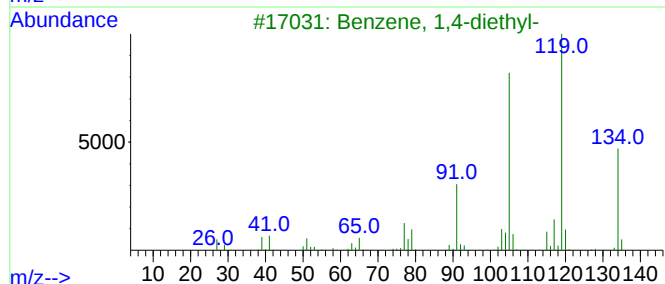
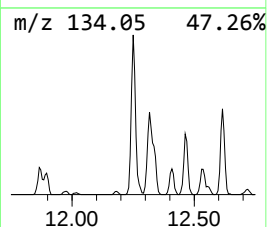
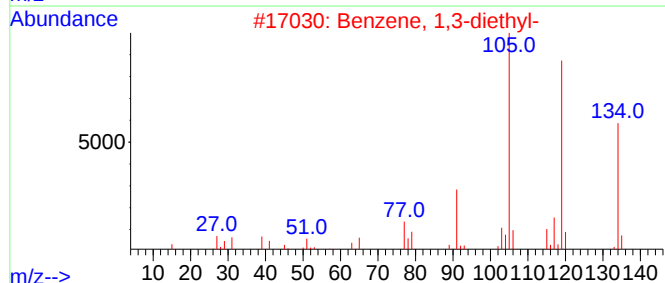
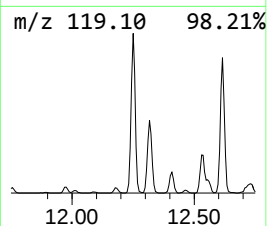
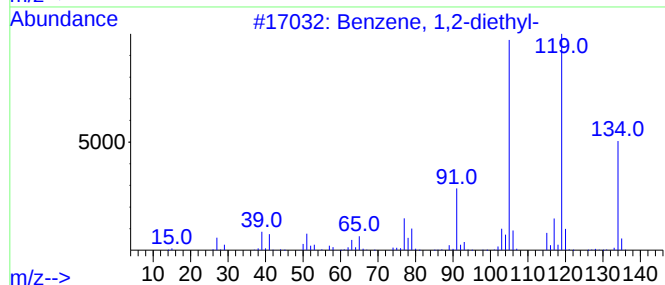
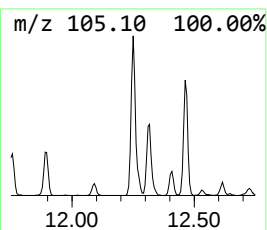
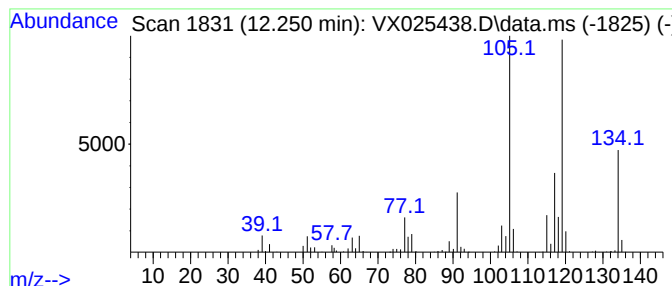
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1,2-diethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.250	23.91 ug/l	211328	1,4-Dichlorobenzene-d4	12.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
2			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
3			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
4			1,3,8-p-Menthatriene	134	C10H14	018368-95-1	86
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	83



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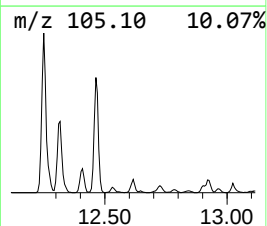
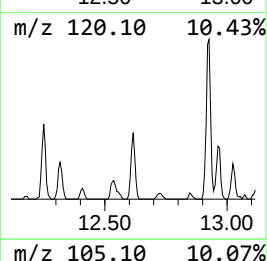
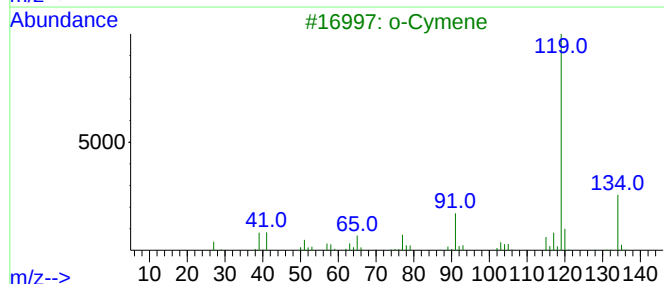
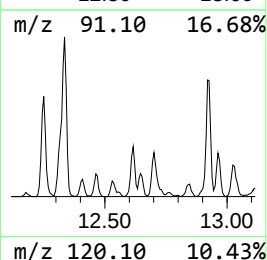
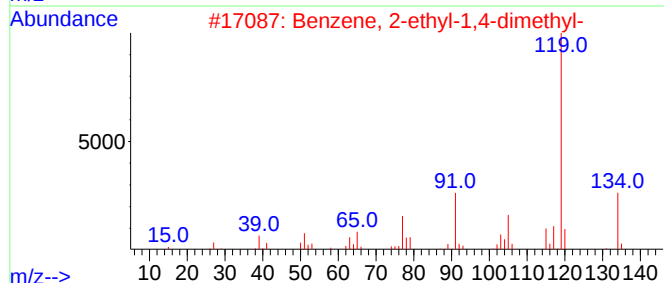
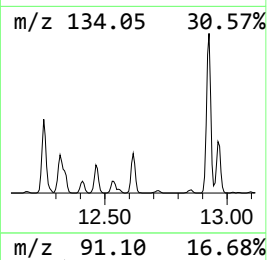
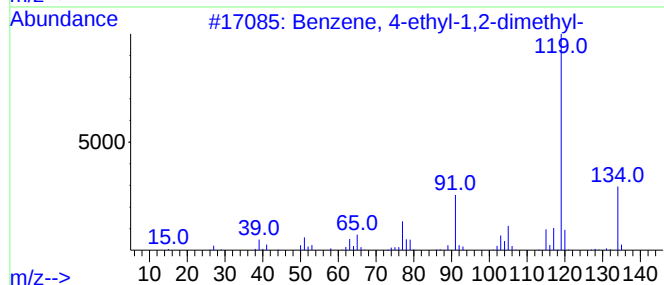
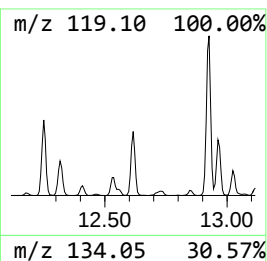
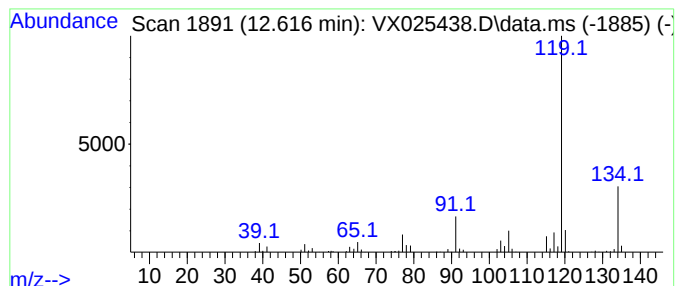
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.616	10.02 ug/l	88535	1,4-Dichlorobenzene-d4	12.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3			o-Cymene	134	C10H14	000527-84-4	95
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95



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Data File : VX025438.D
Acq On : 02 Dec 2021 19:04
Operator : JC/MD
Sample : M4917-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-24

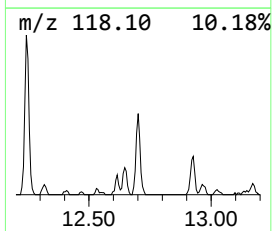
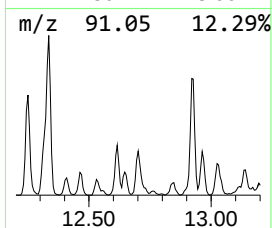
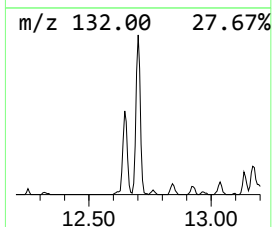
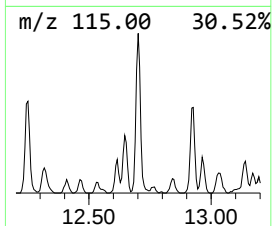
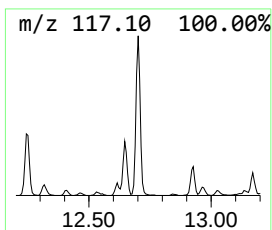
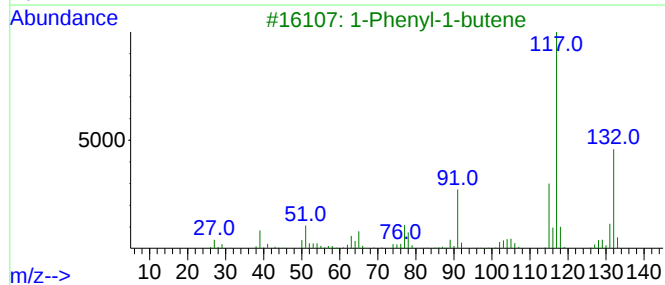
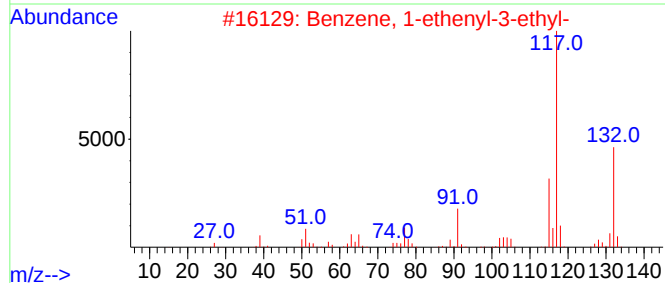
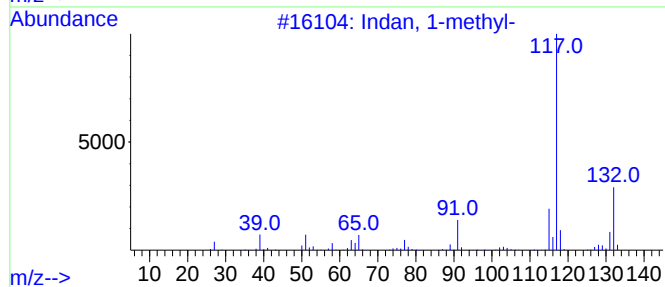
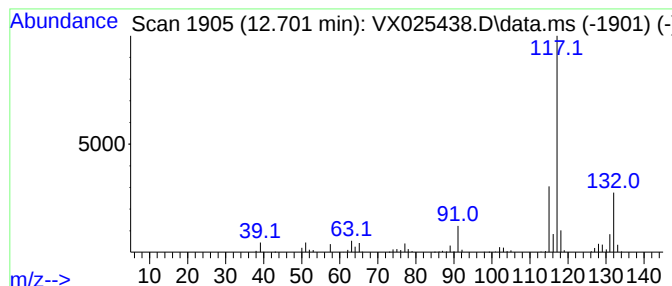
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Indan, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.701	13.34 ug/l	117889	1,4-Dichlorobenzene-d4	12.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indan, 1-methyl-	132	C10H12	000767-58-8	93
2			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
3			1-Phenyl-1-butene	132	C10H12	000824-90-8	87
4			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
5			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
Data File : VX025438.D
Acq On : 02 Dec 2021 19:04
Operator : JC/MD
Sample : M4917-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-24

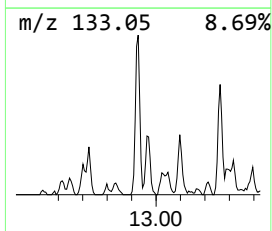
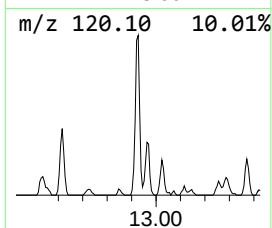
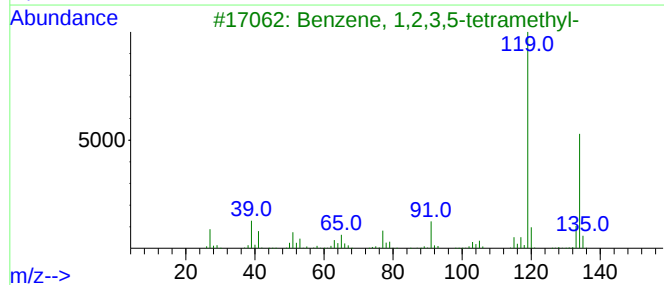
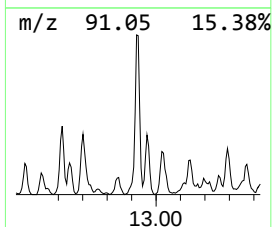
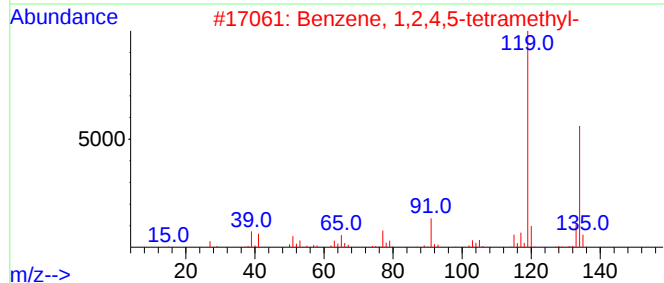
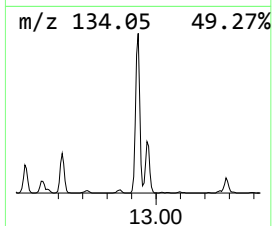
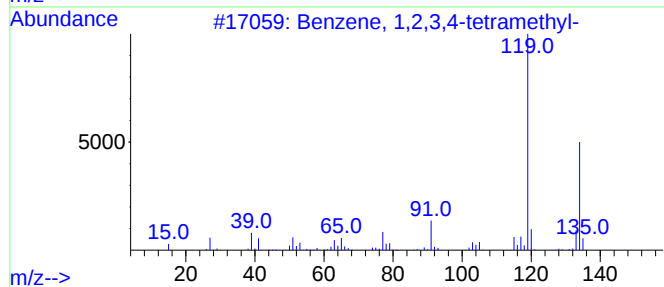
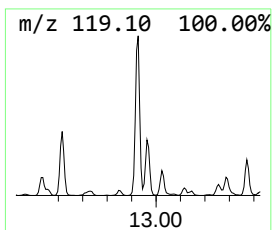
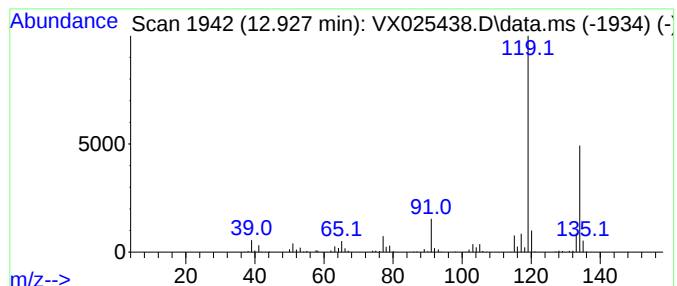
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.927	27.36 ug/l	241769	1,4-Dichlorobenzene-d4	12.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
Data File : VX025438.D
Acq On : 02 Dec 2021 19:04
Operator : JC/MD
Sample : M4917-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

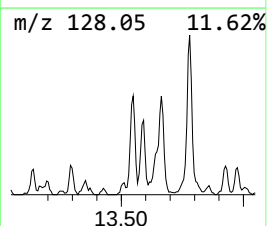
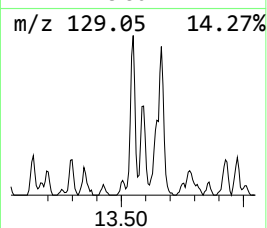
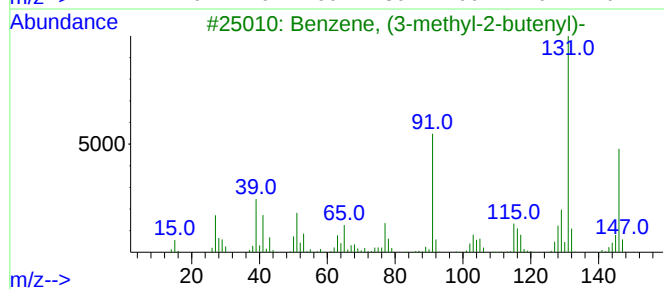
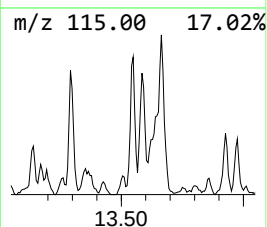
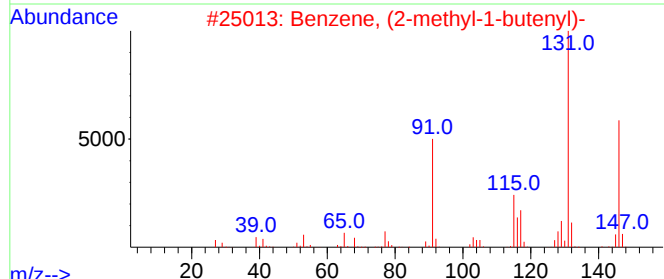
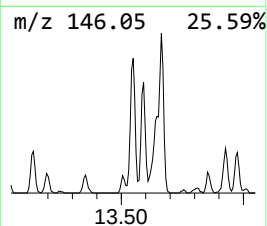
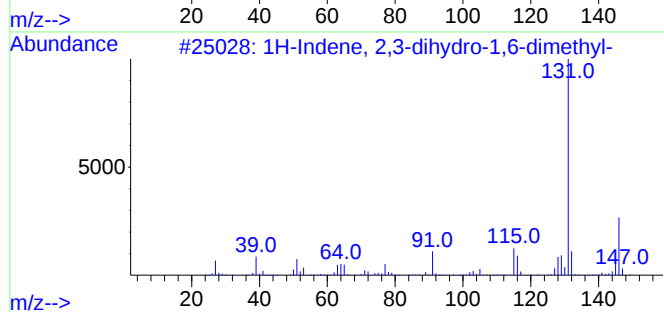
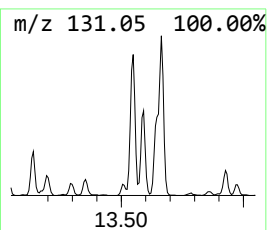
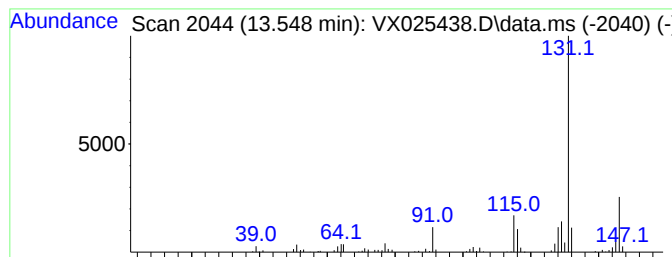
Instrument :
MSVOA_X
ClientSampleId :
MW-24

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, (2-methyl-1-butenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.548	12.89 ug/l	113870	1,4-Dichlorobenzene-d4			12.024
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...		146	C11H14	017059-48-2	95
2	Benzene, (2-methyl-1-butenyl)-		146	C11H14	056253-64-6	94
3	Benzene, (3-methyl-2-butenyl)-		146	C11H14	004489-84-3	94
4	1H-Indene, 2,3-dihydro-1,3-dimet...		146	C11H14	004175-53-5	91
5	1H-Indene, 2,3-dihydro-4,7-dimet...		146	C11H14	006682-71-9	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
Data File : VX025438.D
Acq On : 02 Dec 2021 19:04
Operator : JC/MD
Sample : M4917-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-24

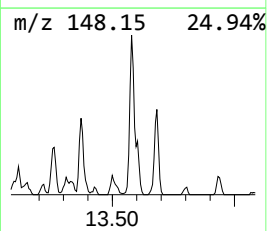
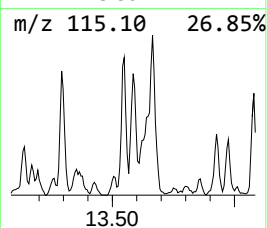
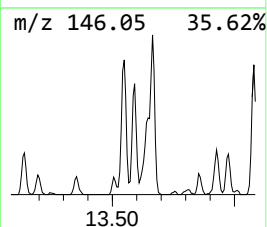
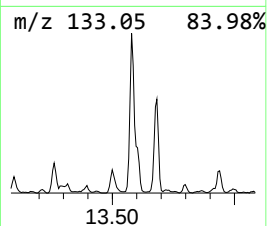
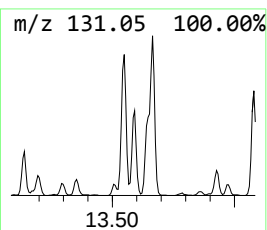
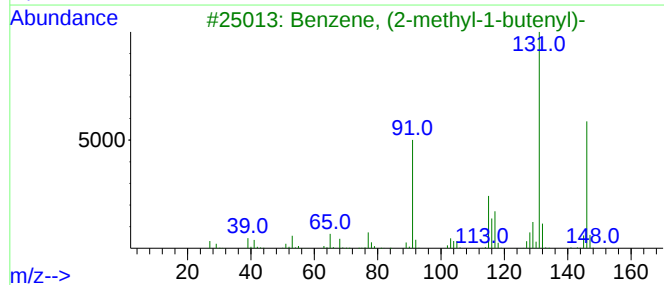
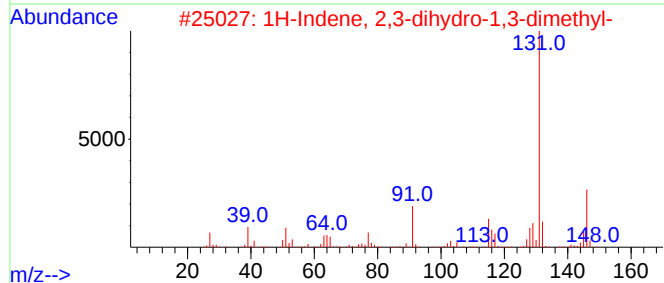
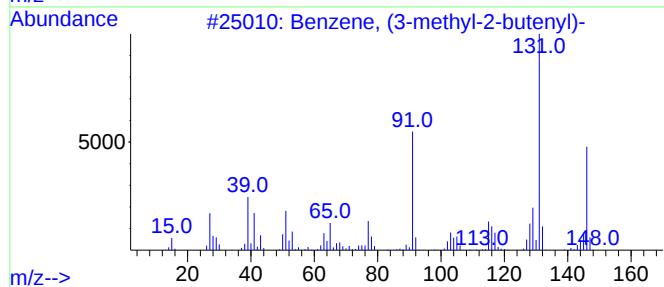
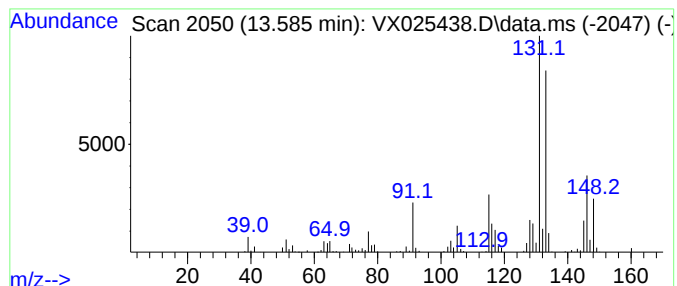
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, (3-methyl-2-butenyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.585	13.09 ug/l	115696	1,4-Dichlorobenzene-d4	12.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70
2			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	70
3			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	64
4			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	55
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
Data File : VX025438.D
Acq On : 02 Dec 2021 19:04
Operator : JC/MD
Sample : M4917-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-24

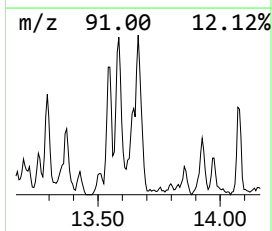
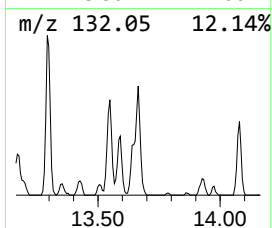
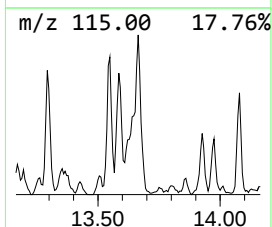
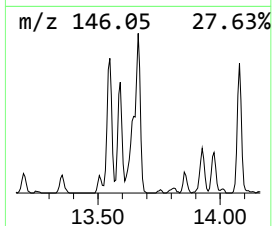
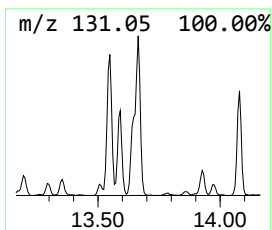
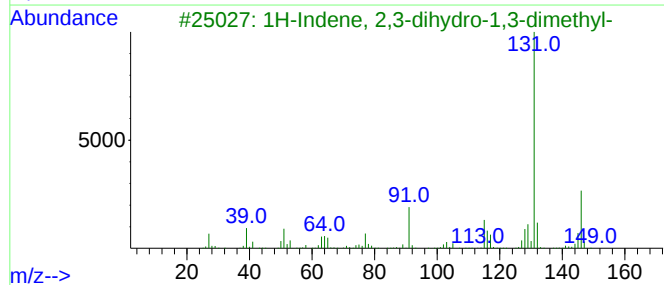
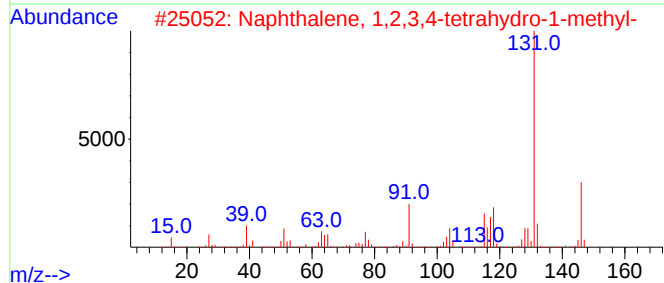
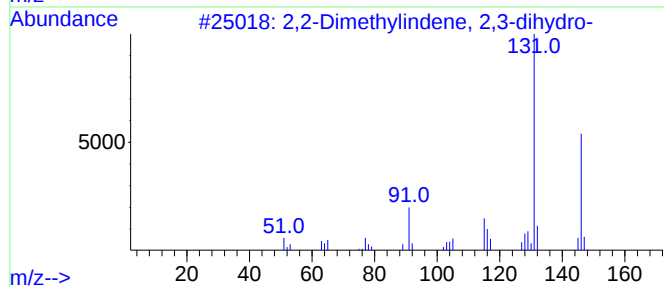
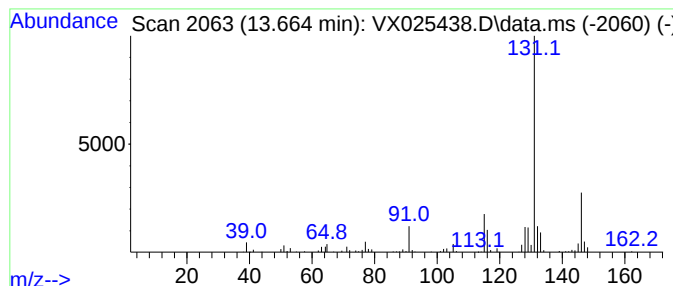
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 2,2-Dimethylindene, 2,3-dih... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.664	19.07 ug/l	168540	1,4-Dichlorobenzene-d4	12.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	90
3			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
4			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
Data File : VX025438.D
Acq On : 02 Dec 2021 19:04
Operator : JC/MD
Sample : M4917-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

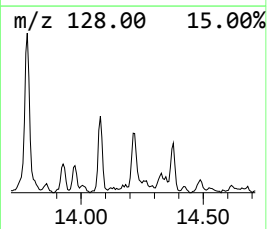
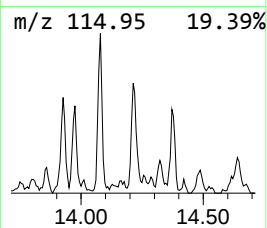
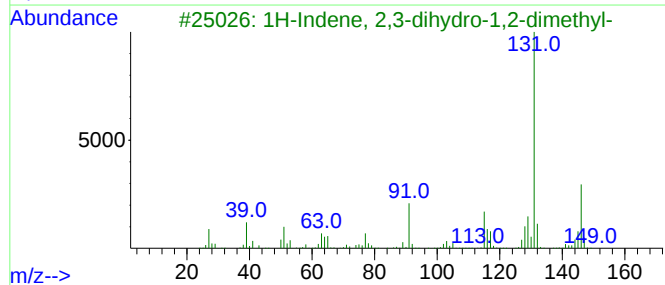
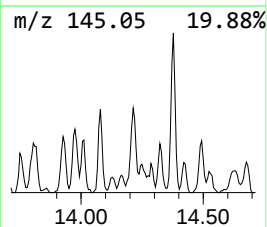
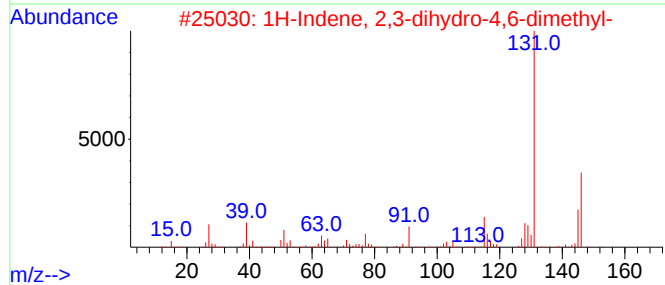
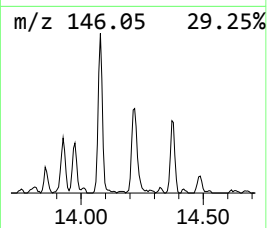
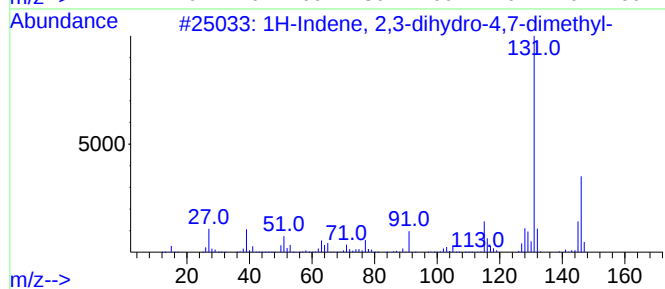
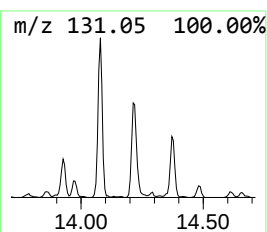
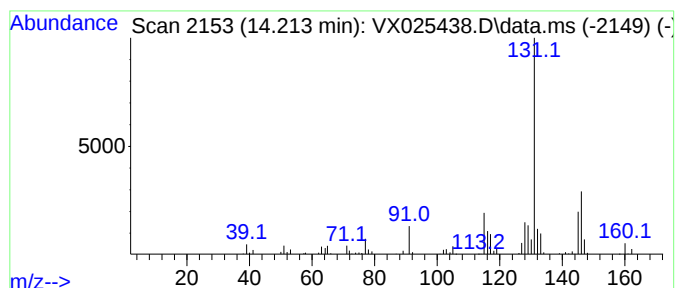
Instrument :
MSVOA_X
ClientSampleId :
MW-24

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.213	9.20 ug/l	81263	1,4-Dichlorobenzene-d4			12.024
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...		146	C11H14	006682-71-9	91
2	1H-Indene, 2,3-dihydro-4,6-dimet...		146	C11H14	001685-82-1	91
3	1H-Indene, 2,3-dihydro-1,2-dimet...		146	C11H14	017057-82-8	87
4	2,2-Dimethylindene, 2,3-dihydro-		146	C11H14	020836-11-7	87
5	Benzene, (1-methyl-1-butenyl)-		146	C11H14	053172-84-2	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
Data File : VX025438.D
Acq On : 02 Dec 2021 19:04
Operator : JC/MD
Sample : M4917-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-24

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Benzene, 1,2-di...	12.250	23.9	ug/l	211328	4	12.024	441862	50.0
Benzene, 4-ethy...	12.616	10.0	ug/l	88535	4	12.024	441862	50.0
Indan, 1-methyl-	12.701	13.3	ug/l	117889	4	12.024	441862	50.0
Benzene, 1,2,3,...	12.927	27.4	ug/l	241769	4	12.024	441862	50.0
Benzene, (2-met...	13.548	12.9	ug/l	113870	4	12.024	441862	50.0
Benzene, (3-met...	13.585	13.1	ug/l	115696	4	12.024	441862	50.0
2,2-Dimethylind...	13.664	19.1	ug/l	168540	4	12.024	441862	50.0
1H-Indene, 2,3-...	14.213	9.2	ug/l	81263	4	12.024	441862	50.0