

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
 Data File : VY016951.D
 Acq On : 09 Jan 2024 16:11
 Operator : SY/MD
 Sample : P1067-03
 Misc : 3.61g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-A-GRAB

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_Y\methods\82Y010224S.M
 Title : SW846 8260

Signal : TIC: VY016951.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.747	467	480	496	rBV3	23845	79342	11.11%	1.363%
2	5.253	552	563	576	rVB3	7012	24779	3.47%	0.426%
3	7.740	959	971	976	rBV	79392	188546	26.41%	3.238%
4	7.813	976	983	993	rVB	143586	332154	46.53%	5.705%
5	8.161	1031	1040	1054	rBV	73876	167566	23.47%	2.878%
6	8.350	1058	1071	1083	rVB5	8991	28382	3.98%	0.487%
7	8.710	1121	1130	1143	rBV	277563	547265	76.66%	9.399%
8	9.203	1199	1211	1216	rBV4	5529	13434	1.88%	0.231%
9	9.636	1275	1282	1290	rVB2	6657	13793	1.93%	0.237%
10	9.770	1290	1304	1310	rBV5	8549	20373	2.85%	0.350%
11	9.978	1330	1338	1342	rBV3	3574	7941	1.11%	0.136%
12	10.197	1367	1374	1382	rBV	350171	576677	80.78%	9.904%
13	10.386	1398	1405	1412	rVB6	5220	11385	1.59%	0.196%
14	10.898	1481	1489	1496	rBV3	3364	8243	1.15%	0.142%
15	11.288	1545	1553	1561	rBV5	4020	8995	1.26%	0.154%
16	11.508	1581	1589	1598	rBV	429818	710907	99.59%	12.210%
17	11.605	1600	1605	1613	rVV	32799	58503	8.20%	1.005%
18	11.715	1614	1623	1641	rVB	111099	218503	30.61%	3.753%
19	12.044	1666	1677	1684	rBV3	5627	14117	1.98%	0.242%
20	12.343	1721	1726	1731	rBV	5144	8459	1.18%	0.145%
21	12.495	1742	1751	1762	rVB2	257682	416637	58.37%	7.156%
22	12.684	1777	1782	1786	rBV	11503	17137	2.40%	0.294%
23	12.745	1786	1792	1796	rVV	76089	127423	17.85%	2.188%
24	12.782	1796	1798	1801	rVV	37103	45979	6.44%	0.790%
25	12.825	1801	1805	1818	rVB	63834	103249	14.46%	1.773%
26	12.983	1825	1831	1840	rBV	29645	49654	6.96%	0.853%
27	13.136	1850	1856	1862	rBV	161711	244562	34.26%	4.200%
28	13.325	1880	1887	1893	rVV2	5327	10458	1.47%	0.180%
29	13.440	1899	1906	1918	rVB2	391026	713846	100.00%	12.260%
30	13.605	1928	1933	1934	rBV2	17480	21281	2.98%	0.365%
31	13.642	1934	1939	1942	rVV2	82339	141136	19.77%	2.424%
32	13.678	1942	1945	1955	rVB2	54010	92611	12.97%	1.591%
33	13.764	1955	1959	1963	rBV5	9710	16252	2.28%	0.279%
34	13.837	1967	1971	1976	rVV2	8275	13320	1.87%	0.229%
35	13.898	1976	1981	1984	rVV	24692	40258	5.64%	0.691%
36	13.928	1984	1986	1990	rVV	21640	27063	3.79%	0.465%

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Integration Parameters: RTEINT.P

Integrator: RTE

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Filtering: 5

Sampling : 1

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Stop Thrs : 0

Peak Location: TOP

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Peak separation: 5

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37	13.983	1990	1995	2001	rVV2	66756	101085	14.16%	1.736%
38	14.044	2001	2005	2008	rVV2	9702	14828	2.08%	0.255%
39	14.093	2008	2013	2019	rVV2	38906	61164	8.57%	1.050%
40	14.166	2019	2025	2030	rVB9	4197	8224	1.15%	0.141%
41	14.227	2030	2035	2041	rBV2	15719	24036	3.37%	0.413%
42	14.306	2041	2048	2052	rVV	31951	57120	8.00%	0.981%
43	14.349	2052	2055	2059	rVV	35671	50748	7.11%	0.872%
44	14.391	2059	2062	2066	rVV	14621	22237	3.12%	0.382%
45	14.428	2066	2068	2076	rVB3	8956	12143	1.70%	0.209%
46	14.532	2081	2085	2088	rVV2	6816	9965	1.40%	0.171%
47	14.580	2088	2093	2097	rVV	28228	48999	6.86%	0.842%
48	14.623	2097	2100	2105	rVB2	12142	17409	2.44%	0.299%
49	14.696	2105	2112	2118	rBV2	62120	124979	17.51%	2.146%
50	14.751	2118	2121	2129	rVV4	7437	13341	1.87%	0.229%
51	14.849	2132	2137	2141	rVV3	7849	12398	1.74%	0.213%
52	14.958	2144	2155	2158	rVV5	17900	40748	5.71%	0.700%
53	14.989	2158	2160	2165	rVV3	10231	16028	2.25%	0.275%
54	15.068	2166	2173	2182	rVB2	14901	32356	4.53%	0.556%
55	15.251	2197	2203	2208	rVB	10475	18839	2.64%	0.324%
56	15.361	2216	2221	2225	rBV6	4191	8114	1.14%	0.139%
57	15.544	2245	2251	2256	rBV2	3752	7480	1.05%	0.128%

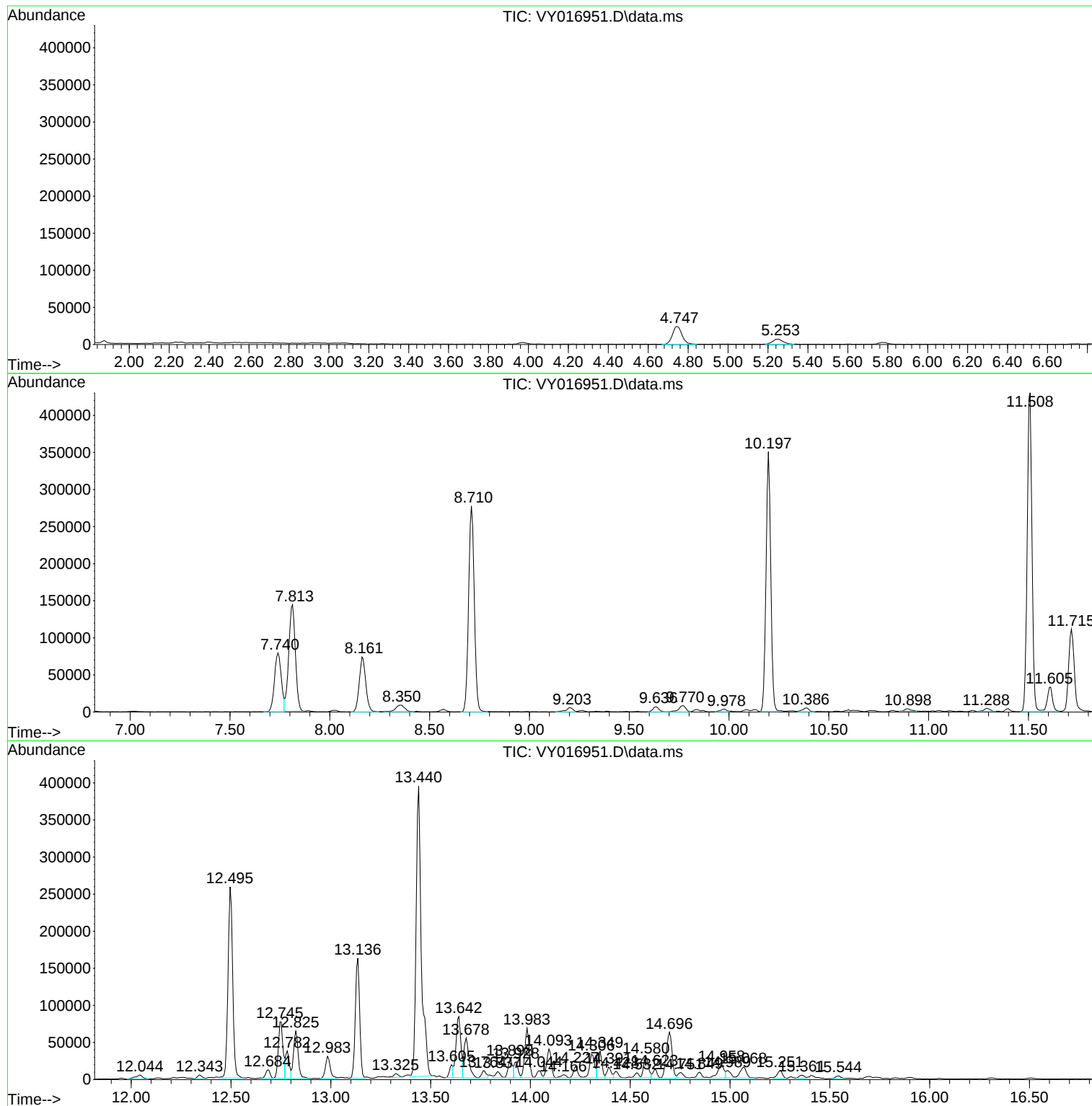
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260

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



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Instrument :
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ClientSampleId :
SP-A-GRAB

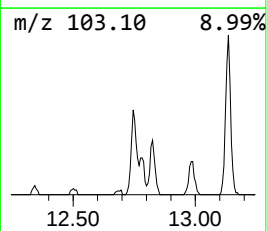
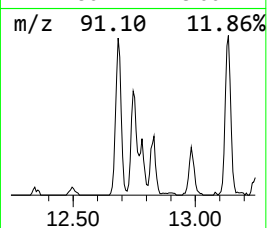
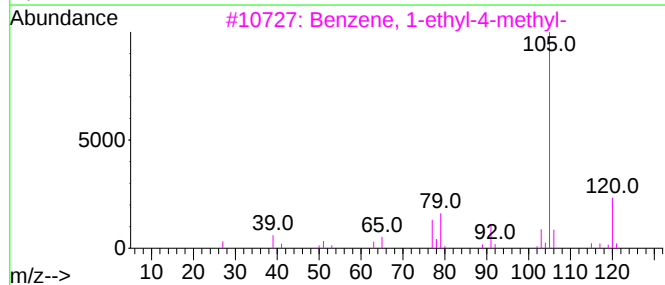
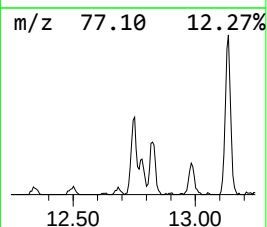
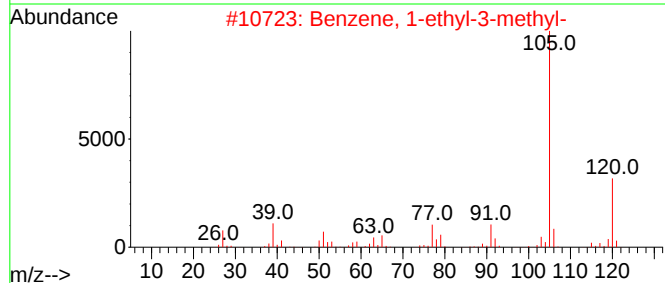
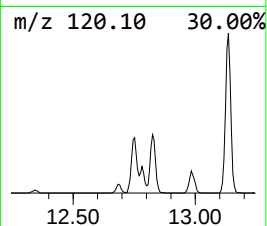
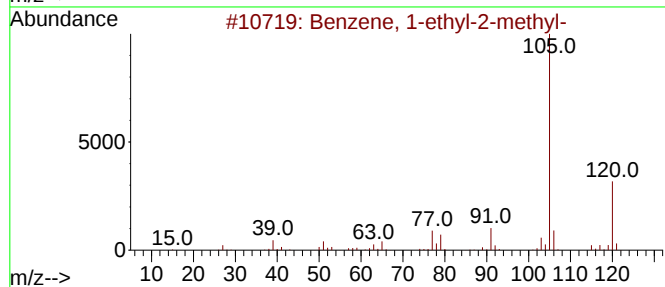
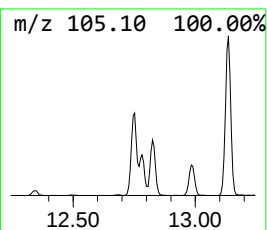
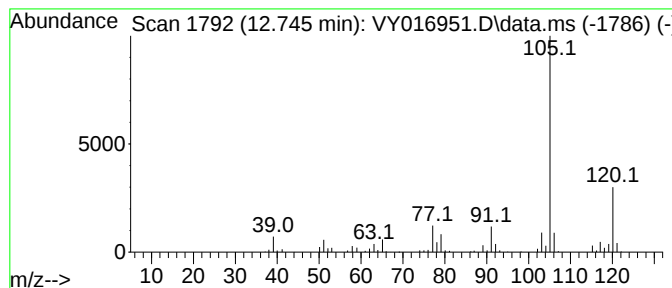
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.745	8.93 ug/l	127423	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4			Mesitylene	120	C9H12	000108-67-8	90
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90



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Misc : 3.61g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-A-GRAB

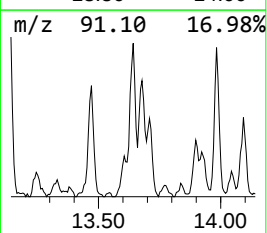
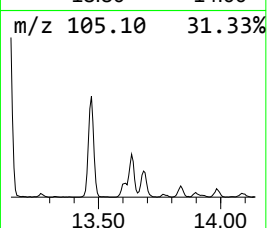
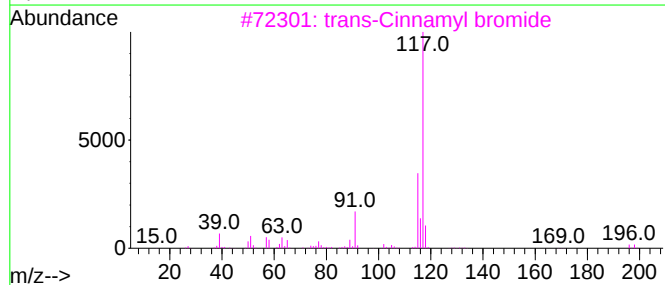
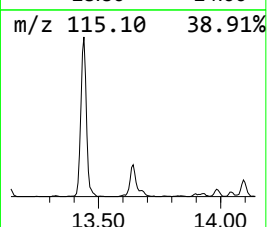
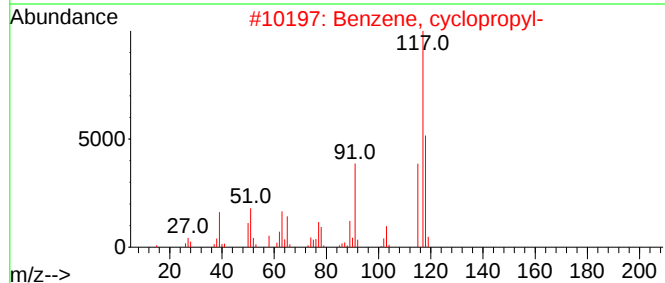
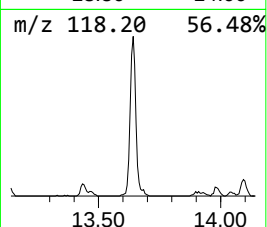
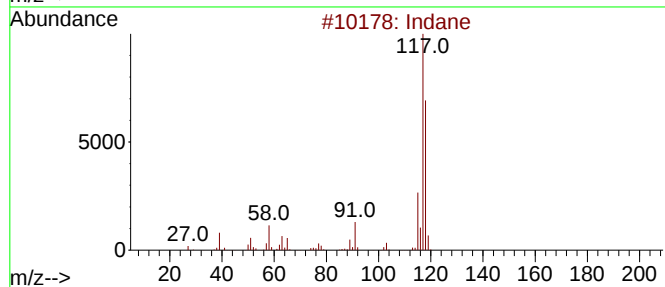
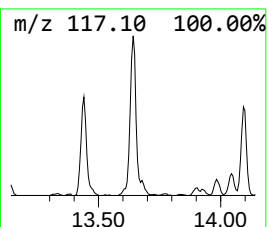
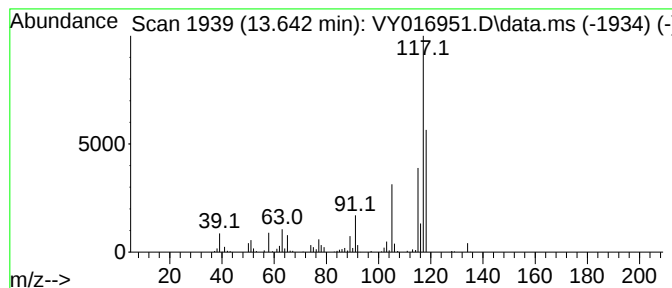
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260

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

Peak Number 2 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.642	9.89 ug/l	141136	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	92
2			Benzene, cyclopropyl-	118	C9H10	000873-49-4	60
3			trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	53
4			Deltacyclene	118	C9H10	007785-10-6	52
5			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	49



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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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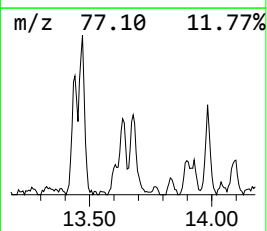
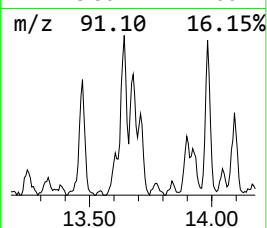
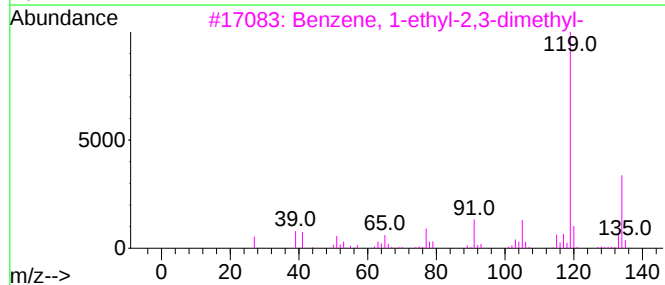
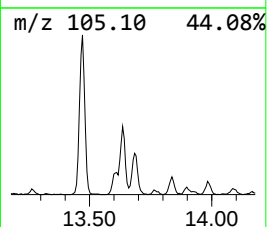
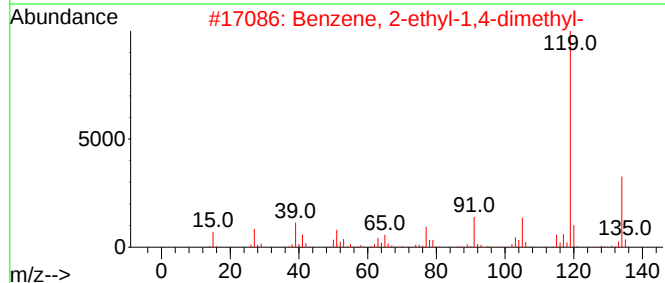
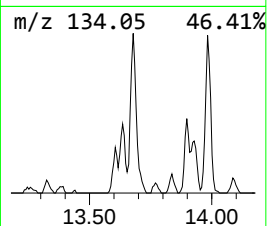
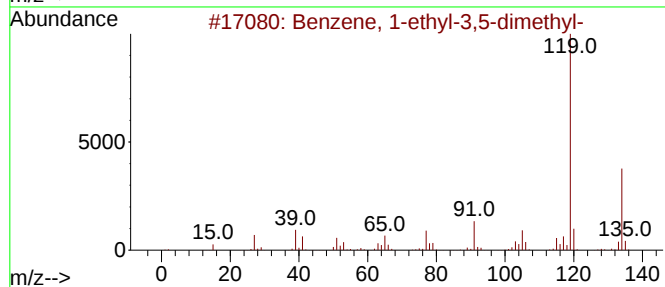
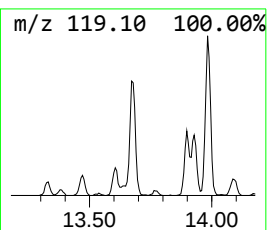
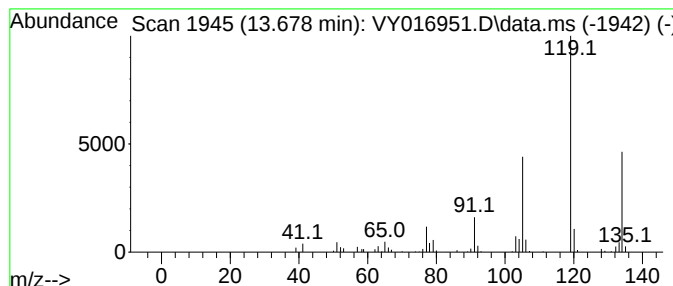
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.678	6.49 ug/l	92611	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	86
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	86



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MSVOA_Y
ClientSampleId :
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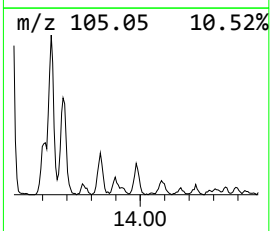
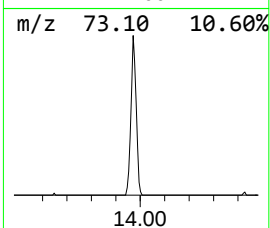
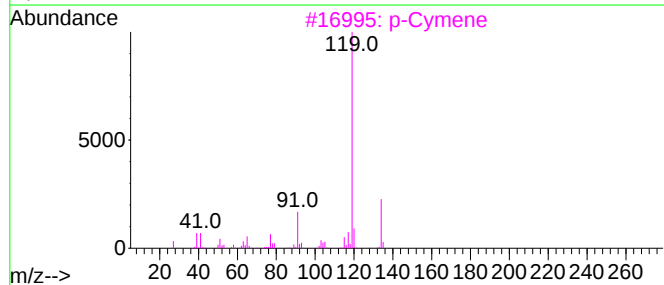
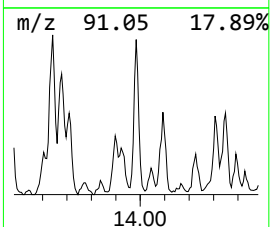
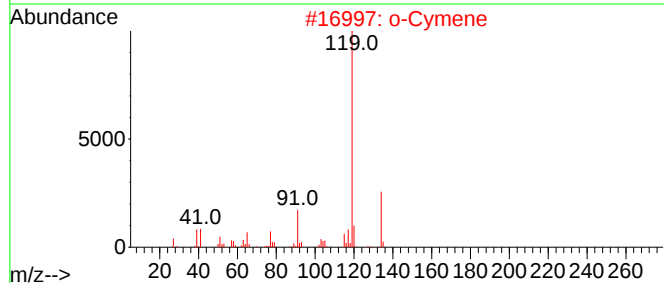
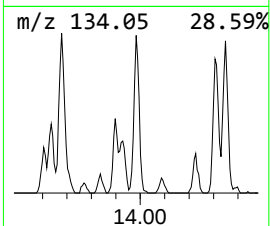
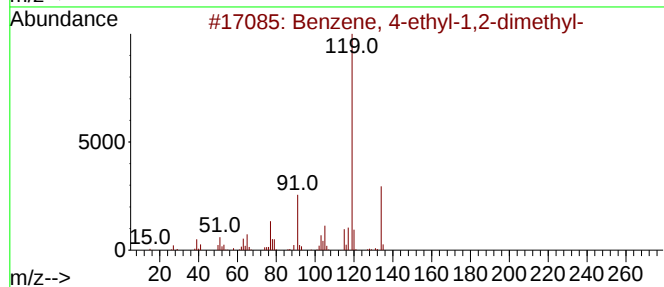
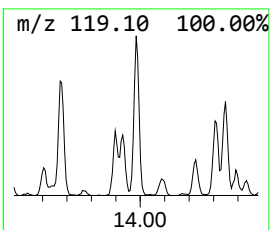
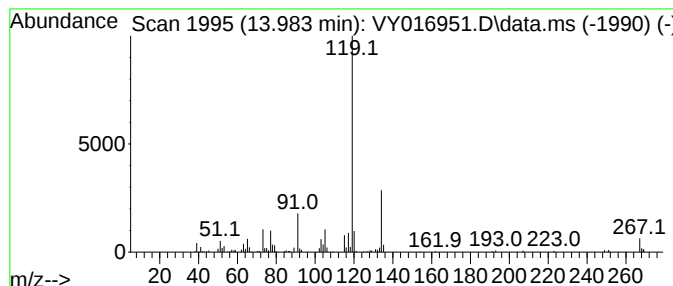
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.983	7.08 ug/l	101085	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2			o-Cymene	134	C10H14	000527-84-4	95
3			p-Cymene	134	C10H14	000099-87-6	95
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94



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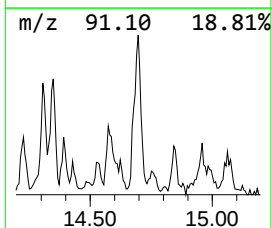
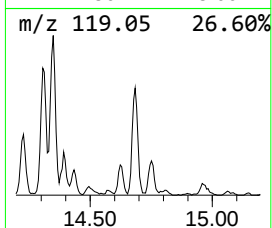
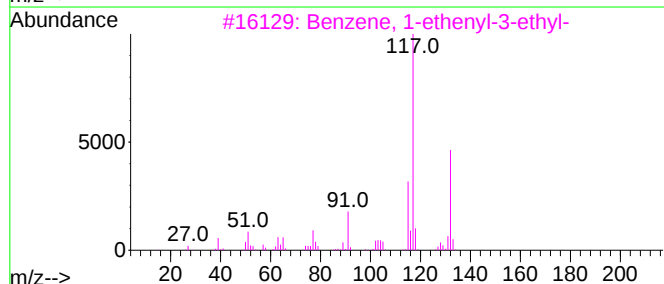
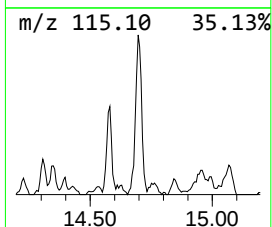
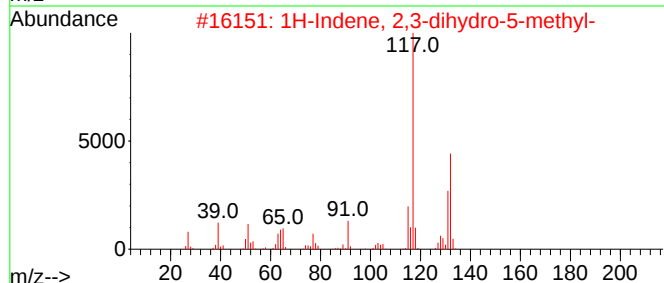
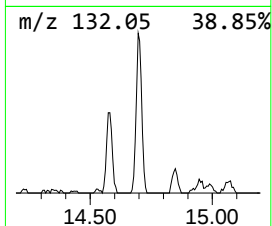
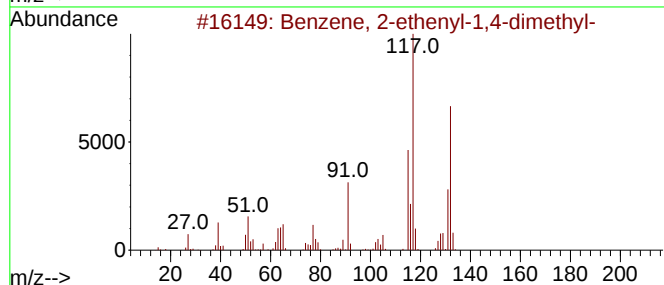
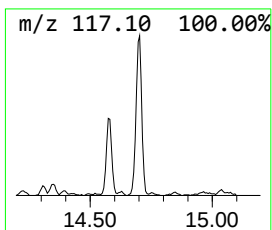
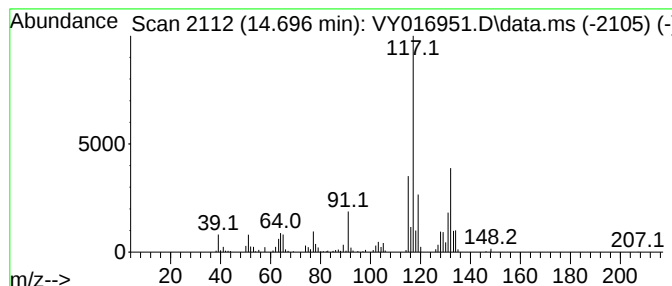
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260

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

Peak Number 5 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.696	8.75 ug/l	124979	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76
3			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70
4			3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
5			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
Data File : VY016951.D
Acq On : 09 Jan 2024 16:11
Operator : SY/MD
Sample : P1067-03
Misc : 3.61g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-A-GRAB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethy...	12.745	8.9	ug/l	127423	4	13.440	713846	50.0
Indane	13.642	9.9	ug/l	141136	4	13.440	713846	50.0
Benzene, 1-ethy...	13.678	6.5	ug/l	92611	4	13.440	713846	50.0
Benzene, 4-ethy...	13.983	7.1	ug/l	101085	4	13.440	713846	50.0
Benzene, 2-ethe...	14.696	8.8	ug/l	124979	4	13.440	713846	50.0