

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011020\
 Data File : VY001160.D
 Acq On : 10 Jan 2020 20:17
 Operator : SY/MD
 Sample : L1073-01
 Misc : 7.07G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-03-21.5-22

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_Y\METHODS\82Y011020S.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	1.865	17	21	29	rVB3	12007	22419	2.45%	0.267%
2	3.956	357	364	374	rBV2	8814	24773	2.71%	0.295%
3	4.200	395	404	413	rVB2	6257	17441	1.90%	0.208%
4	4.731	479	491	506	rBV2	10996	36760	4.01%	0.438%
5	7.730	969	983	988	rBV	117881	274453	29.97%	3.267%
6	7.797	988	994	1005	rVB	193297	447616	48.88%	5.328%
7	8.151	1043	1052	1064	rBV	119847	249670	27.26%	2.972%
8	8.693	1133	1141	1152	rBV	323510	645626	70.50%	7.686%
9	9.187	1211	1222	1229	rBV6	4334	11180	1.22%	0.133%
10	10.181	1377	1385	1392	rBV	529838	904375	98.76%	10.766%
11	11.034	1518	1525	1530	rBV4	4607	9162	1.00%	0.109%
12	11.089	1530	1534	1539	rVB2	8110	12461	1.36%	0.148%
13	11.485	1592	1599	1610	rBV	469848	771926	84.30%	9.189%
14	11.693	1625	1633	1637	rBV2	8948	22349	2.44%	0.266%
15	11.735	1637	1640	1644	rVV4	8200	15085	1.65%	0.180%
16	12.004	1677	1684	1686	rBV5	9065	19103	2.09%	0.227%
17	12.119	1699	1703	1707	rVB2	7483	10422	1.14%	0.124%
18	12.199	1712	1716	1718	rVV3	10424	14935	1.63%	0.178%
19	12.235	1718	1722	1727	rVV6	11806	25698	2.81%	0.306%
20	12.333	1731	1738	1745	rVV	119240	206281	22.53%	2.456%
21	12.388	1745	1747	1755	rVB9	4591	9409	1.03%	0.112%
22	12.479	1755	1762	1768	rBV	365234	573144	62.59%	6.823%
23	12.552	1768	1774	1775	rVV7	7112	13831	1.51%	0.165%
24	12.577	1775	1778	1784	rVV	20116	32830	3.59%	0.391%
25	12.644	1784	1789	1797	rVB3	11166	25800	2.82%	0.307%
26	12.729	1797	1803	1806	rBV4	7655	14074	1.54%	0.168%
27	12.784	1806	1812	1825	rVV	148570	298170	32.56%	3.549%
28	12.906	1825	1832	1836	rVV4	31619	70026	7.65%	0.834%
29	12.955	1836	1840	1850	rVB3	25762	49622	5.42%	0.591%
30	13.034	1850	1853	1855	rBV2	7503	10812	1.18%	0.129%
31	13.064	1855	1858	1862	rVB3	13507	18754	2.05%	0.223%
32	13.113	1862	1866	1873	rBV	14980	25463	2.78%	0.303%
33	13.247	1881	1888	1894	rBV4	10753	30506	3.33%	0.363%
34	13.320	1896	1900	1902	rVV4	11476	21128	2.31%	0.252%

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 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Integration Parameters: RTEINT.P

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35	13.363	1902	1907	1911	rVV	86735	131608	14.37%	1.567%
36	13.424	1911	1917	1930	rVB	434468	703905	76.87%	8.379%
37	13.589	1939	1944	1946	rVV	19272	28833	3.15%	0.343%
38	13.625	1946	1950	1954	rVV	87815	139030	15.18%	1.655%
39	13.662	1954	1956	1965	rVB2	18346	40043	4.37%	0.477%
40	13.747	1965	1970	1975	rBV6	17075	29782	3.25%	0.355%
41	13.820	1977	1982	1987	rVB	11282	16585	1.81%	0.197%
42	13.881	1987	1992	1995	rBV	15143	24327	2.66%	0.290%
43	13.912	1995	1997	2001	rVV	11977	14435	1.58%	0.172%
44	13.967	2001	2006	2011	rVV	98029	140765	15.37%	1.676%
45	14.076	2018	2024	2029	rVB2	45237	75047	8.20%	0.893%
46	14.211	2041	2046	2050	rVB4	9157	14770	1.61%	0.176%
47	14.290	2050	2059	2063	rBV	67478	117744	12.86%	1.402%
48	14.332	2063	2066	2070	rVV	27795	38652	4.22%	0.460%
49	14.375	2070	2073	2077	rVB	9593	12388	1.35%	0.147%
50	14.558	2092	2103	2109	rVV3	40547	95115	10.39%	1.132%
51	14.607	2109	2111	2116	rVB	9487	12283	1.34%	0.146%
52	14.680	2116	2123	2129	rBV3	73261	149861	16.37%	1.784%
53	14.735	2129	2132	2138	rVB	10778	16354	1.79%	0.195%
54	14.942	2158	2166	2175	rBV2	19312	41648	4.55%	0.496%
55	15.052	2175	2184	2190	rVB3	12604	28922	3.16%	0.344%
56	15.229	2206	2213	2224	rVB	554800	915718	100.00%	10.901%
57	15.332	2224	2230	2236	rVV4	13573	35366	3.86%	0.421%
58	15.387	2236	2239	2246	rVB2	13644	23502	2.57%	0.280%
59	15.521	2255	2261	2268	rBV3	8141	16354	1.79%	0.195%
60	15.686	2280	2288	2299	rVB4	5442	14754	1.61%	0.176%
61	15.881	2316	2320	2327	rVB3	4667	10159	1.11%	0.121%
62	16.283	2379	2386	2397	rVB	159185	308629	33.70%	3.674%
63	16.478	2410	2418	2428	rBV	128607	268565	29.33%	3.197%

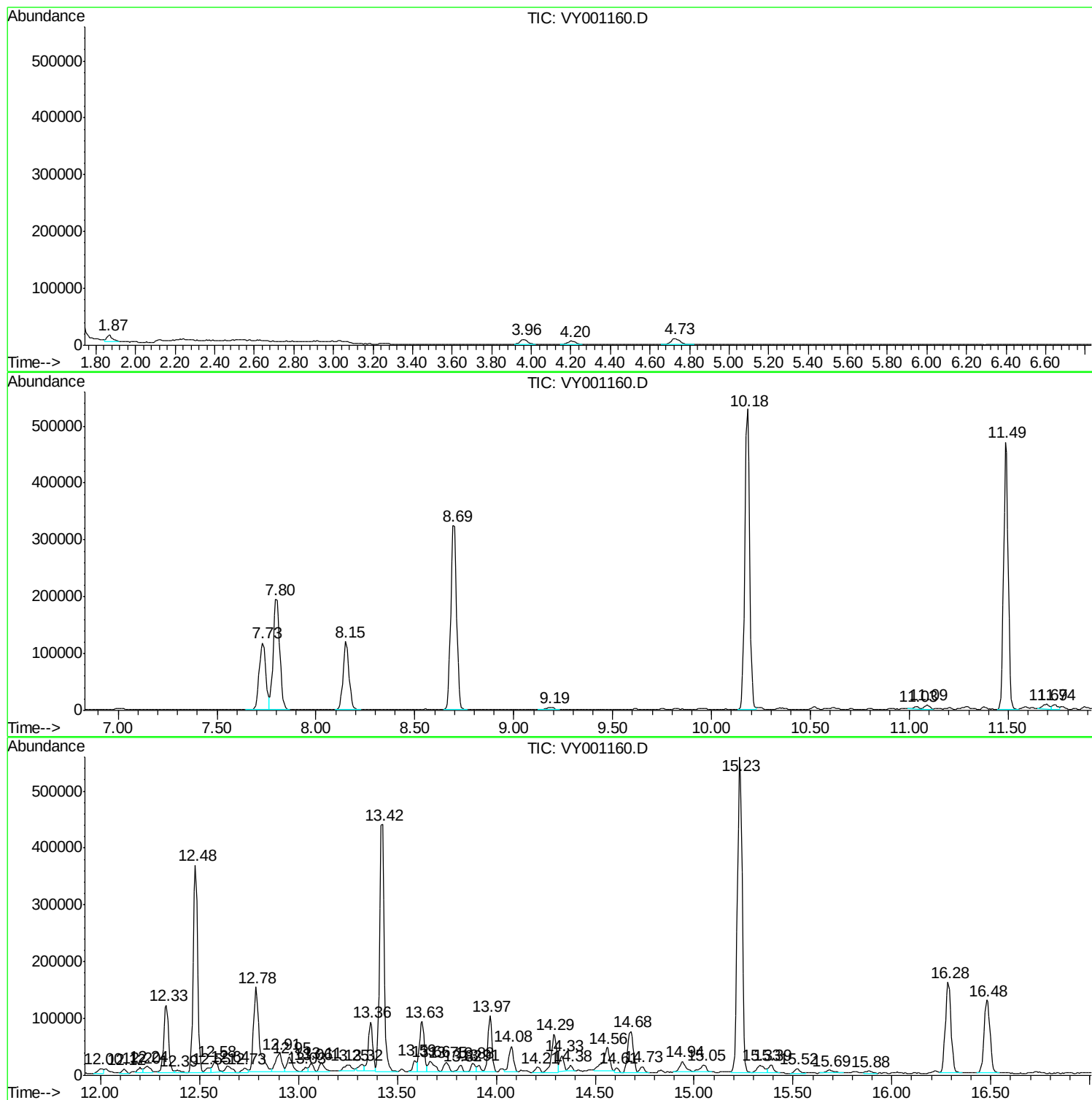
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

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



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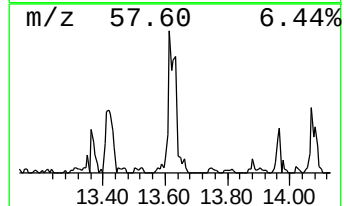
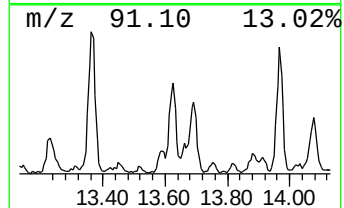
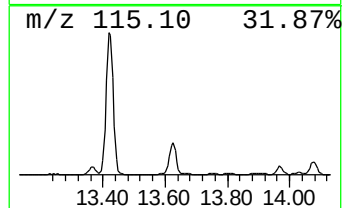
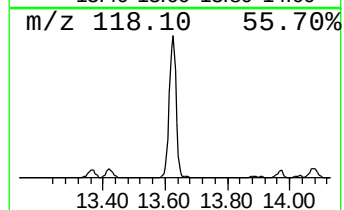
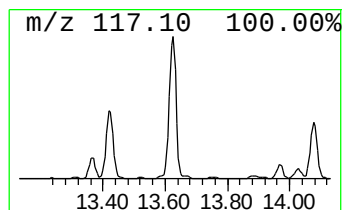
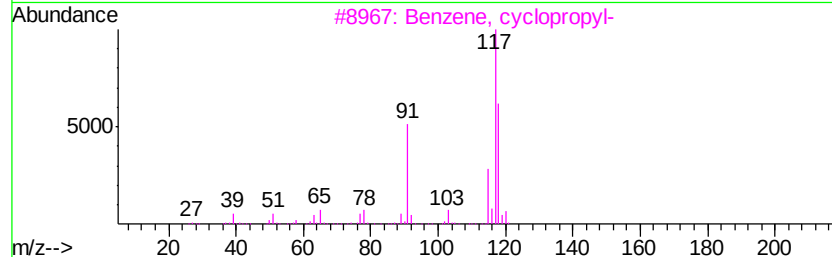
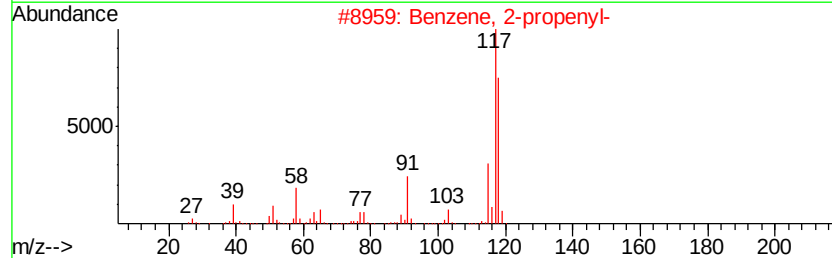
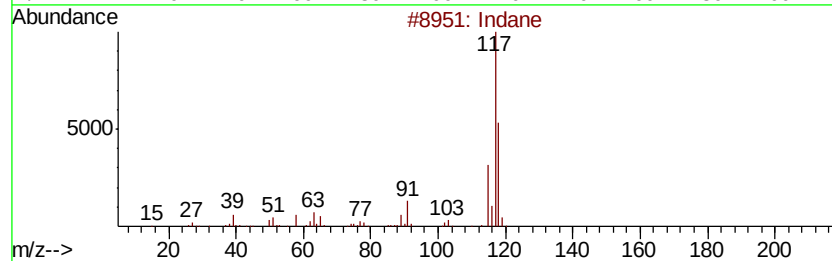
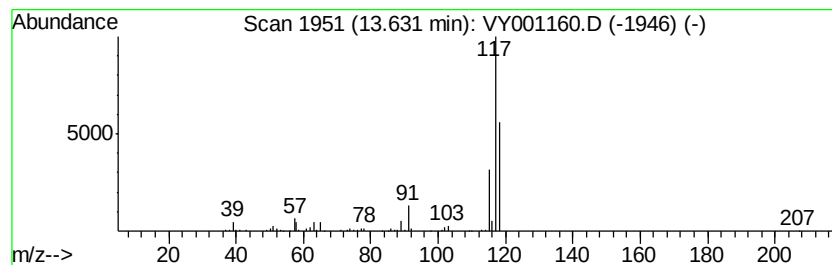
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

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

Peak Number 2 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	9.88 ug/l	139030	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	81
2		Benzene, 2-propenyl-	118	C9H10	000300-57-2	72
3		Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4		Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
5		Benzene, 1-(chloromethyl)-4-ethe...	152	C9H9Cl	001592-20-7	59



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ALS Vial : 17 Sample Multiplier: 1

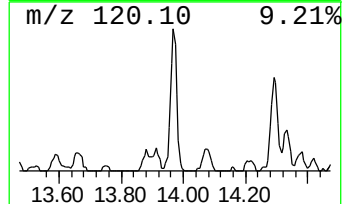
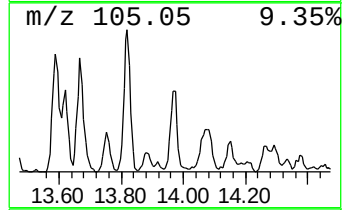
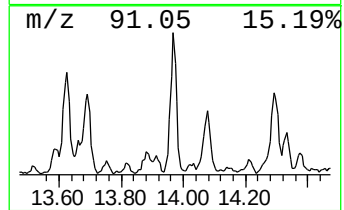
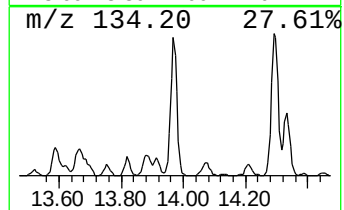
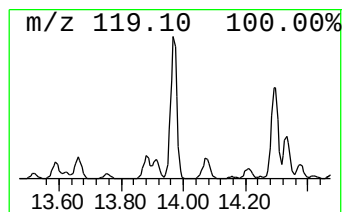
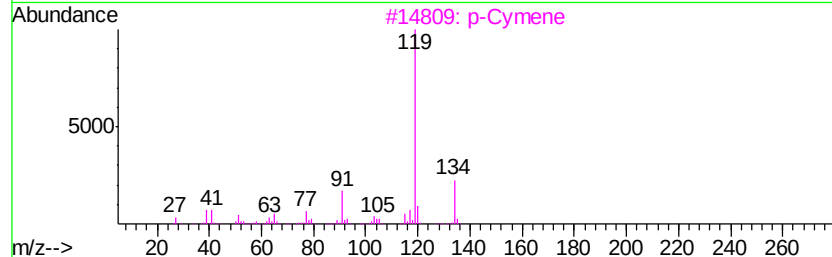
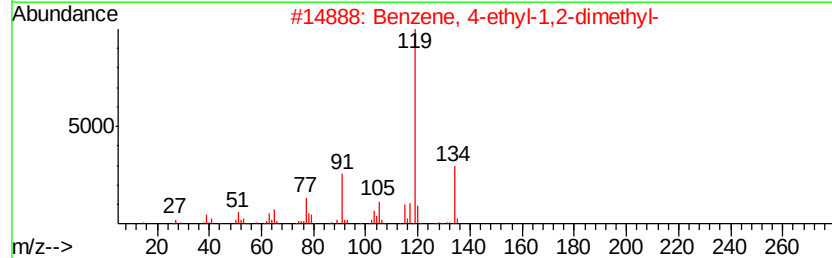
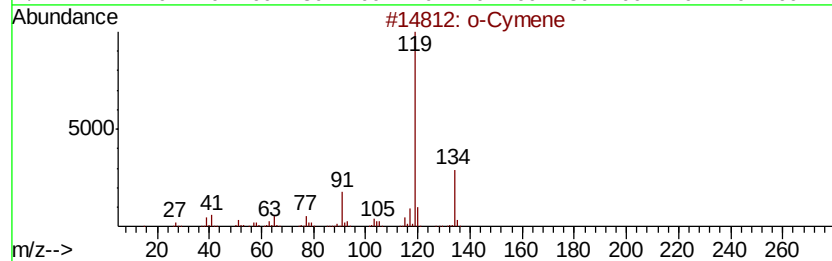
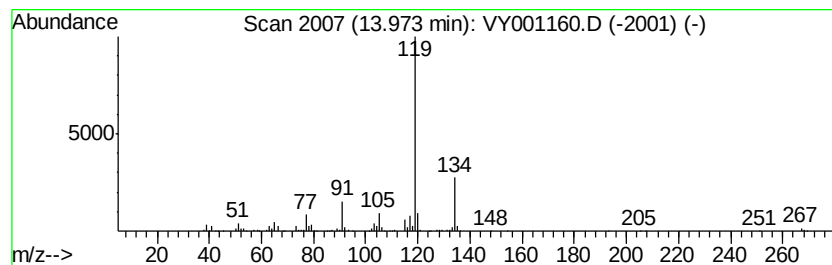
Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-03-21.5-22

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

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

Peak Number 3 o-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.97	10.00 ug/l	140765	1,4-Dichlorobenzene-d4	13.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	p-Cymene	134	C10H14	000099-87-6	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94



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Misc : 7.07G/5ML/MSVOA Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

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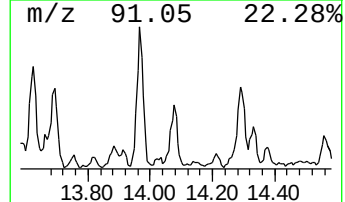
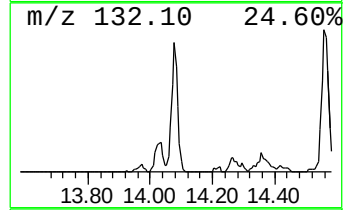
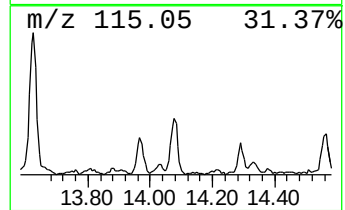
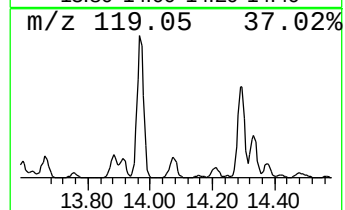
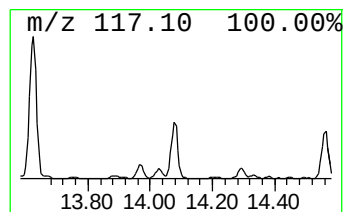
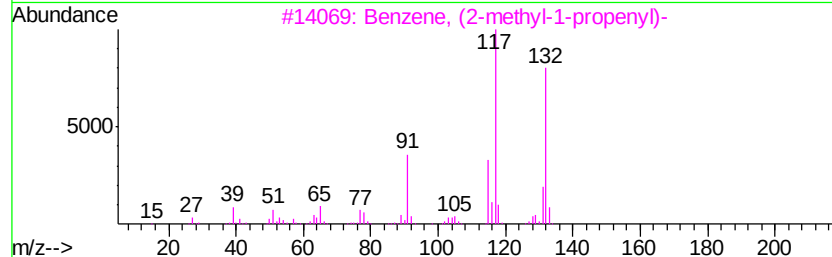
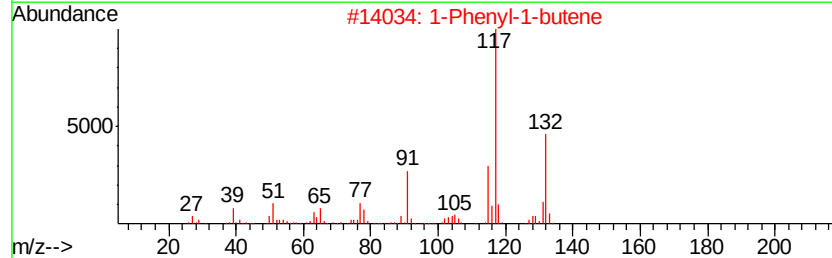
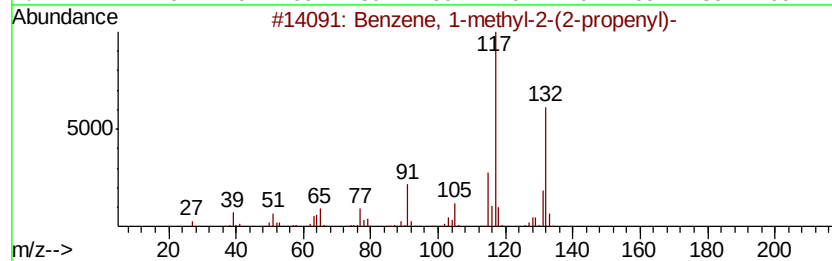
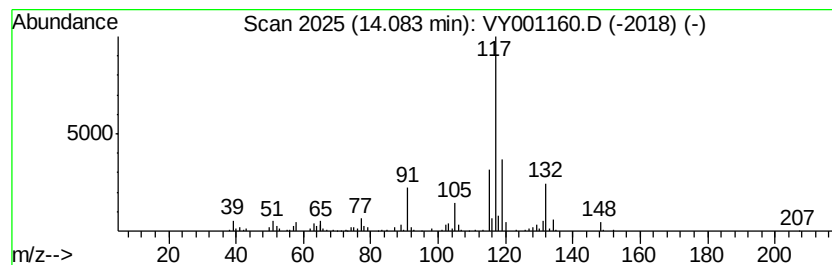
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-methyl-2-(2-prop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	5.33 ug/l	75047	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64
2		1-Phenyl-1-butene	132	C10H12	000824-90-8	64
3		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	64
4		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	60



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ALS Vial : 17 Sample Multiplier: 1

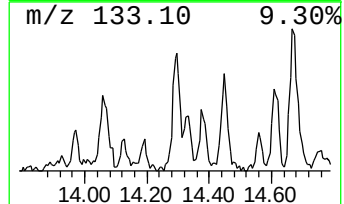
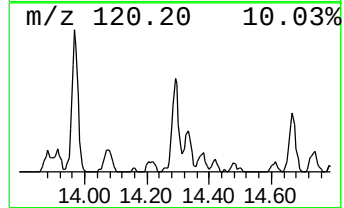
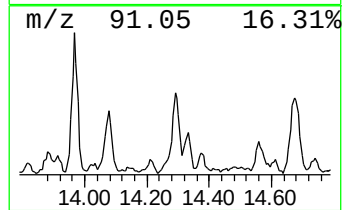
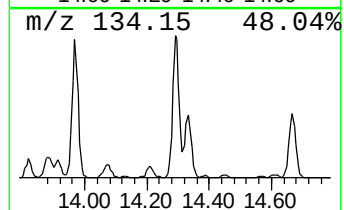
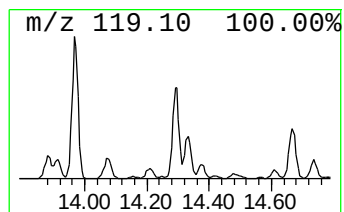
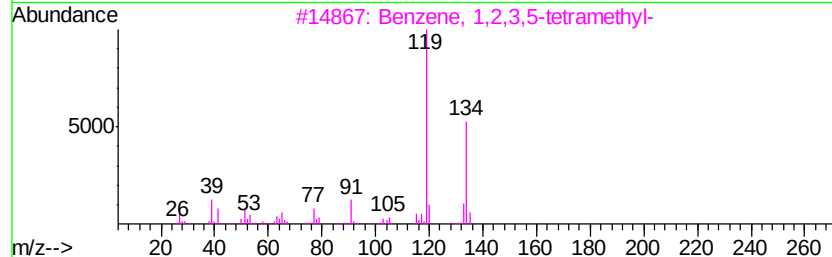
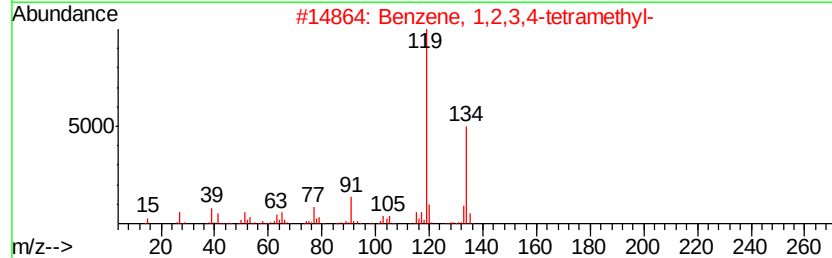
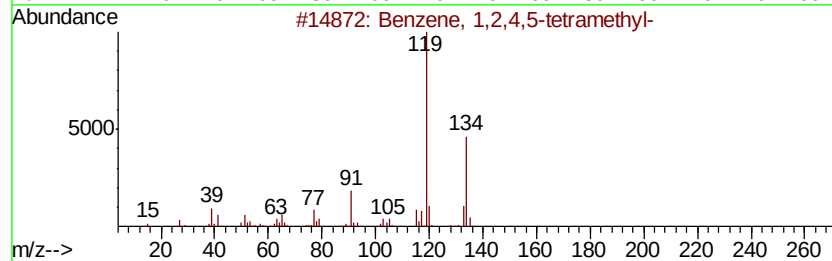
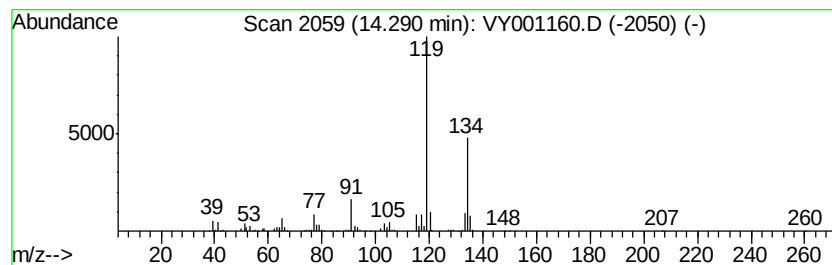
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.29	8.36 ug/l	117744	1,4-Dichlorobenzene-d4	13.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	p-Cymene	134	C10H14	000099-87-6	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93



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ClientSampleId :
CIY1-SB-03-21.5-22

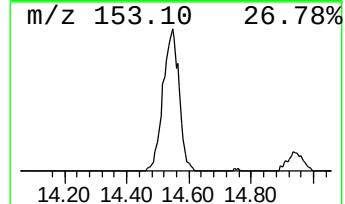
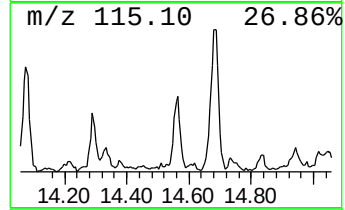
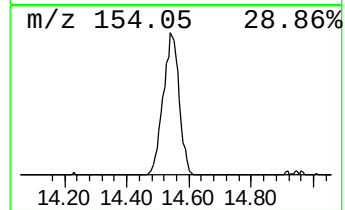
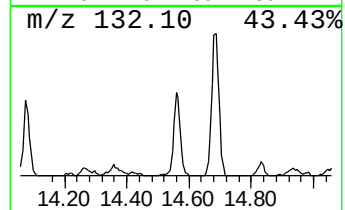
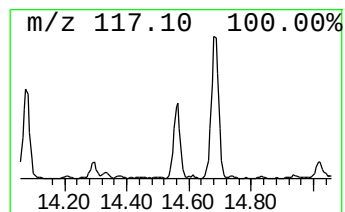
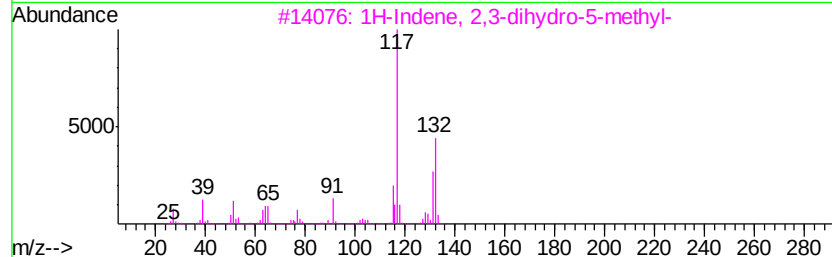
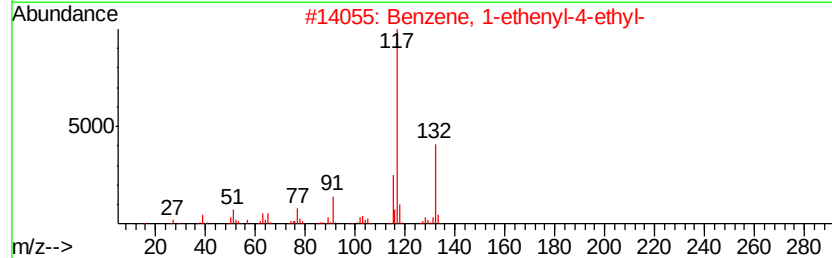
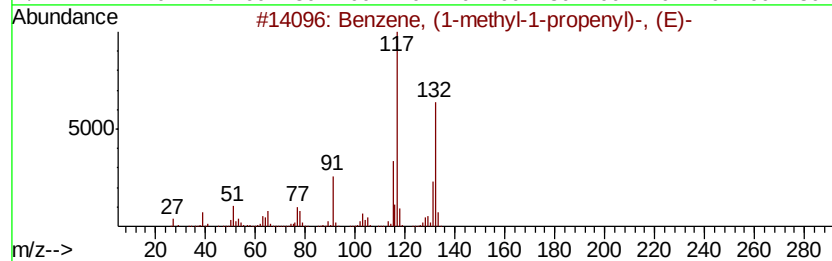
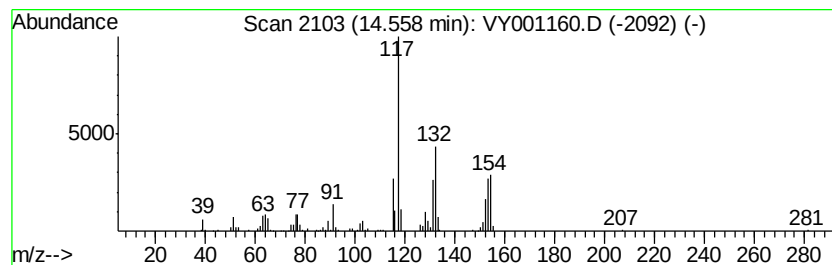
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, (1-methyl-1-propen... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	6.76 ug/l	95115	1,4-Dichlorobenzene-d4	13.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	92
2		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
3		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	89
4		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	89
5		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	87



Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011020\
Data File : VY001160.D
Acq On : 10 Jan 2020 20:17
Operator : SY/MD
Sample : L1073-01
Misc : 7.07G/5ML/MSVOA Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

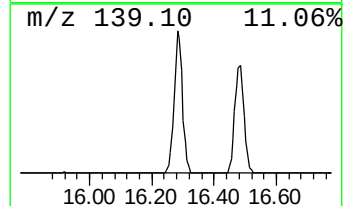
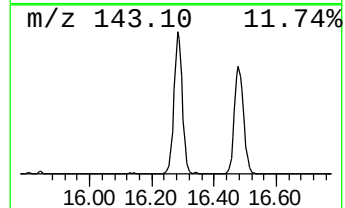
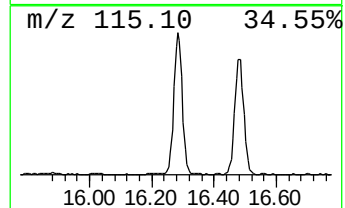
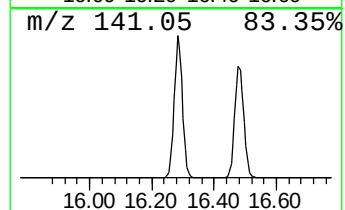
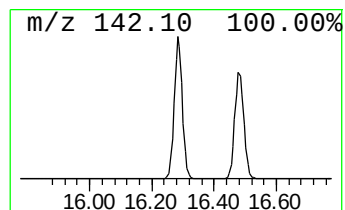
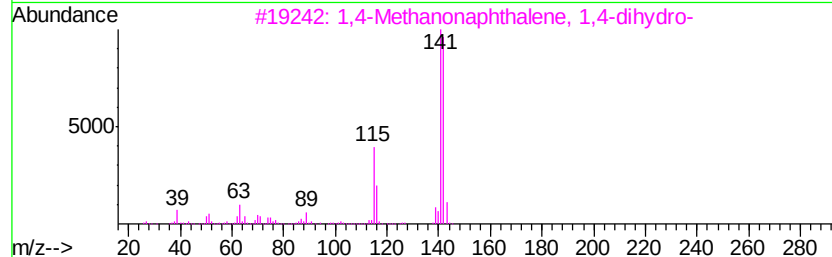
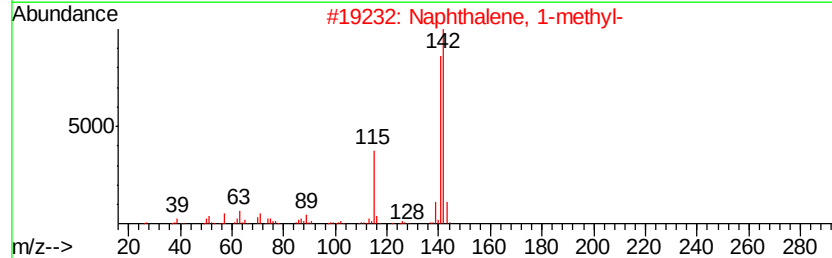
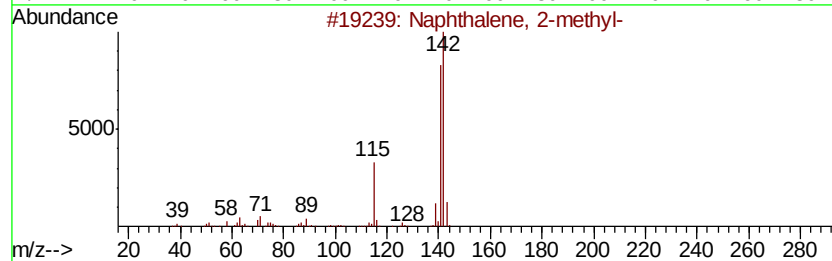
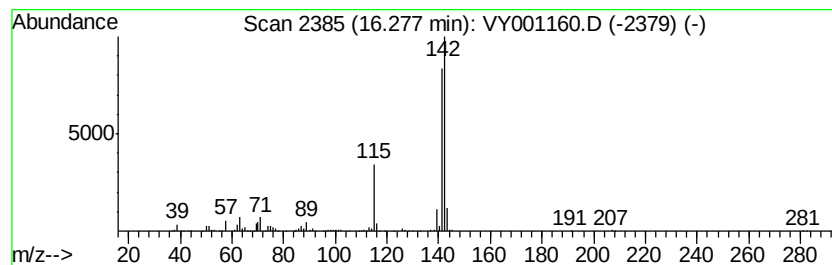
Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-03-21.5-22

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	21.92 ug/l	308629	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 97
2		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 96
3		1,4-Methanonaphthalene, 1,4-dihv...	142 C11H10	004453-90-1 91
4		Benzocycloheptatriene	142 C11H10	000264-09-5 91
5		Spiro(tricyclo[6.2.1.0(2,7)]unde...	186 C13H14O	1000210-02-3 74



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011020\
Data File : VY001160.D
Acq On : 10 Jan 2020 20:17
Operator : SY/MD
Sample : L1073-01
Misc : 7.07G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-03-21.5-22

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.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
Cyclohexane, 1-me...	12.78	21.2	ug/l	298170	4	13.42	703905	50.0
Indane	13.63	9.9	ug/l	139030	4	13.42	703905	50.0
o-Cymene	13.97	10.0	ug/l	140765	4	13.42	703905	50.0
Benzene, 1-methyl...	14.08	5.3	ug/l	75047	4	13.42	703905	50.0
Benzene, 1,2,4,5-...	14.29	8.4	ug/l	117744	4	13.42	703905	50.0
Benzene, (1-methy...	14.56	6.8	ug/l	95115	4	13.42	703905	50.0
Naphthalene, 1-me...	16.28	21.9	ug/l	308629	4	13.42	703905	50.0