

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022020\
 Data File : VY001722.D
 Acq On : 20 Feb 2020 14:28
 Operator : SY/MD
 Sample : L1589-02
 Misc : 7.67G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB4-4.5-5.0

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\82Y021720S.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	4.749	482	494	515	rBV4	16085	60453	4.06%	0.536%
2	7.748	974	986	991	rBV	152167	369963	24.83%	3.278%
3	7.815	991	997	1006	rVV	281305	629036	42.22%	5.574%
4	8.169	1045	1055	1065	rVB	156342	348799	23.41%	3.091%
5	8.352	1078	1085	1094	rVB	10016	25552	1.72%	0.226%
6	8.711	1134	1144	1156	rBV	445681	872051	58.54%	7.728%
7	9.632	1288	1295	1302	rBV2	8408	16465	1.11%	0.146%
8	9.766	1306	1317	1323	rBV5	9868	23987	1.61%	0.213%
9	10.193	1380	1387	1394	rBV	682112	1191780	80.00%	10.561%
10	10.260	1394	1398	1404	rVB	41562	65856	4.42%	0.584%
11	11.504	1594	1602	1609	rBV	629689	1028299	69.02%	9.112%
12	11.607	1612	1619	1625	rVB	78623	126680	8.50%	1.123%
13	11.711	1627	1636	1642	rBV	278554	521812	35.03%	4.624%
14	11.906	1645	1668	1670	rBV3	46605	211566	14.20%	1.875%
15	12.040	1686	1690	1701	rVB	113449	187050	12.56%	1.658%
16	12.339	1733	1739	1744	rBV2	9512	15165	1.02%	0.134%
17	12.491	1751	1764	1791	rBV3	537938	1489772	100.00%	13.202%
18	12.686	1791	1796	1799	rBV	42671	79527	5.34%	0.705%
19	12.741	1800	1805	1809	rBV	137882	228032	15.31%	2.021%
20	12.820	1815	1818	1825	rVB	79579	114924	7.71%	1.018%
21	12.979	1838	1844	1850	rBV	48514	76144	5.11%	0.675%
22	13.131	1862	1869	1875	rBV	247266	377746	25.36%	3.347%
23	13.265	1882	1891	1892	rBV7	13833	29731	2.00%	0.263%
24	13.381	1903	1910	1913	rBV4	24384	60612	4.07%	0.537%
25	13.436	1913	1919	1941	rVB2	647073	1163735	78.11%	10.312%
26	13.601	1941	1946	1947	rBV2	18444	22641	1.52%	0.201%
27	13.631	1947	1951	1955	rBV	57656	74839	5.02%	0.663%
28	13.674	1955	1958	1967	rVB4	56269	101130	6.79%	0.896%
29	13.808	1968	1980	1981	rBV6	30158	87639	5.88%	0.777%
30	13.893	1989	1994	1996	rBV	30305	42545	2.86%	0.377%
31	13.924	1996	1999	2003	rVV	29569	42829	2.87%	0.380%
32	13.979	2003	2008	2014	rVB	60471	90413	6.07%	0.801%
33	14.089	2020	2026	2037	rVB4	26294	51245	3.44%	0.454%
34	14.223	2043	2048	2053	rBV2	14625	24025	1.61%	0.213%

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ALS Vial : 12 Sample Multiplier: 1

Instrument :
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SB4-4.5-5.0

Integration Parameters: RTEINT.P

Integrator: RTE
Smoothing : ON
Sampling : 1
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Max Peaks: 100
Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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35	14.302	2057	2061	2064	rVV	37836	59808	4.01%	0.530%
36	14.345	2064	2068	2072	rVV	62052	95819	6.43%	0.849%
37	14.387	2072	2075	2079	rVV2	14730	20441	1.37%	0.181%
38	14.570	2101	2105	2110	rVV	32533	54729	3.67%	0.485%
39	14.619	2110	2113	2117	rVB3	16407	23197	1.56%	0.206%
40	14.692	2117	2125	2131	rBV4	67307	157935	10.60%	1.400%
41	14.747	2131	2134	2141	rVB3	12796	19266	1.29%	0.171%
42	14.844	2145	2150	2153	rBV3	16988	26070	1.75%	0.231%
43	14.954	2163	2168	2178	rVB2	23505	55908	3.75%	0.495%
44	15.064	2180	2186	2193	rBV5	19508	45475	3.05%	0.403%
45	15.241	2205	2215	2222	rBV	126730	229071	15.38%	2.030%
46	15.351	2229	2233	2239	rBV6	11589	24771	1.66%	0.220%
47	15.533	2256	2263	2270	rBV2	17683	36706	2.46%	0.325%
48	15.698	2281	2290	2292	rBV5	12219	27413	1.84%	0.243%
49	15.735	2292	2296	2304	rVV3	22981	47297	3.17%	0.419%
50	15.826	2306	2311	2316	rVV	11604	22062	1.48%	0.196%
51	15.905	2316	2324	2329	rVV3	9066	21015	1.41%	0.186%
52	16.046	2341	2347	2352	rBV3	13893	28109	1.89%	0.249%
53	16.241	2371	2379	2383	rBV5	13788	30632	2.06%	0.271%
54	16.302	2383	2389	2399	rVB	134431	270157	18.13%	2.394%
55	16.503	2414	2422	2429	rBV	61919	136885	9.19%	1.213%

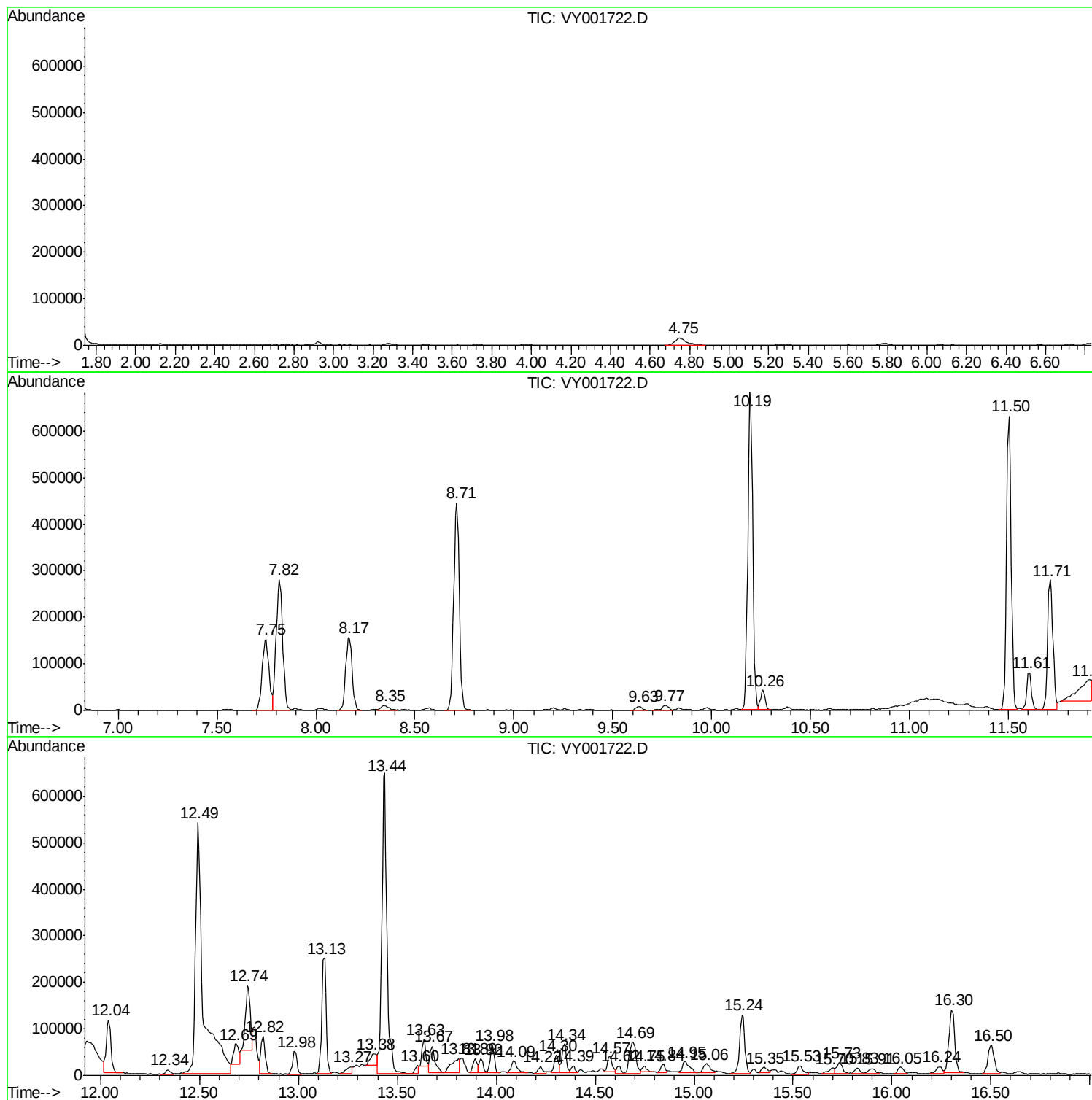
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260

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



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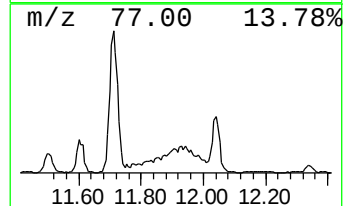
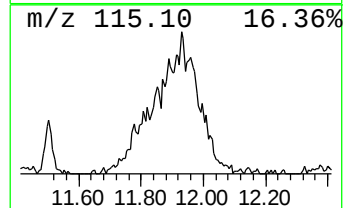
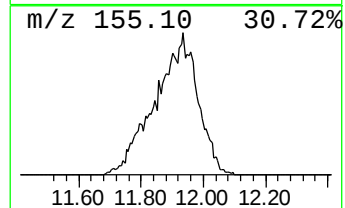
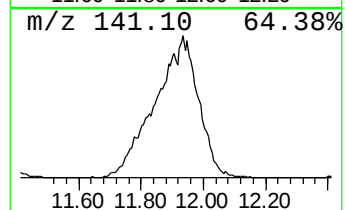
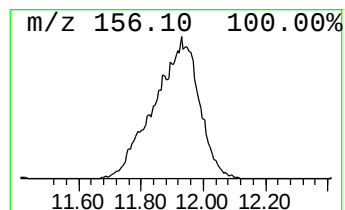
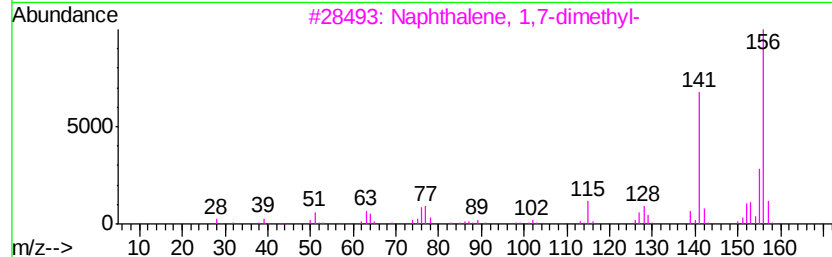
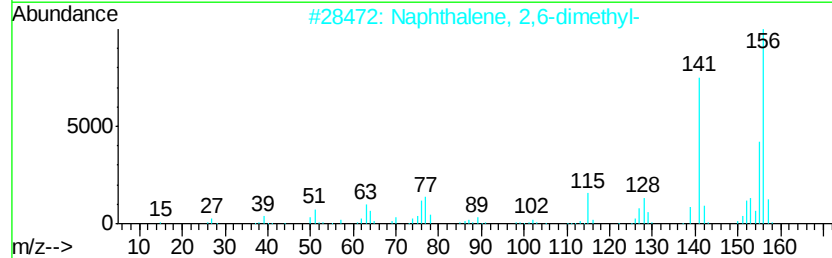
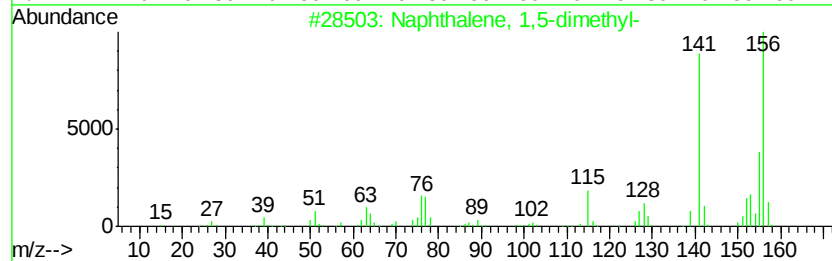
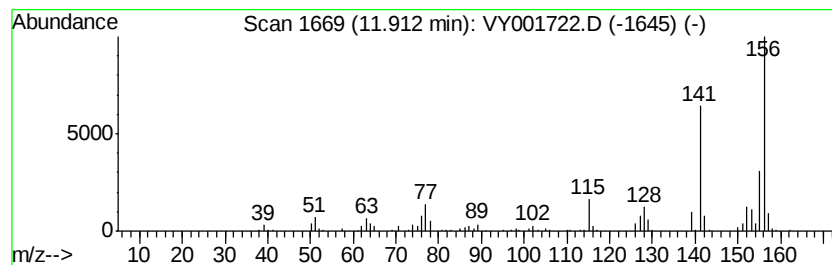
Instrument :
MSVOA_Y
ClientSampleId :
SB4-4.5-5.0

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, 1,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.91	10.29 ug/l	211566	Chlorobenzene-d5		11.50	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene,	1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene,	2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene,	1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene,	2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene,	1,6-dimethyl-	156	C12H12	000575-43-9	96



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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampled :
SB4-4.5-5.0

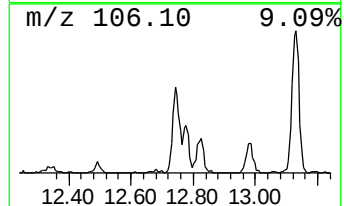
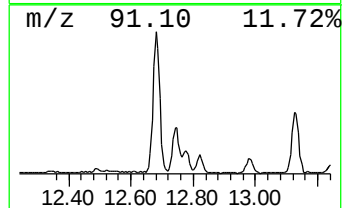
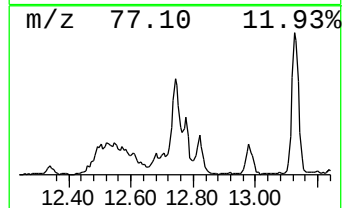
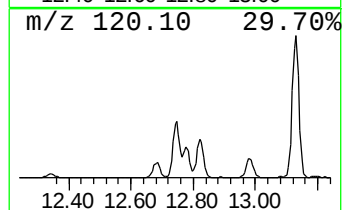
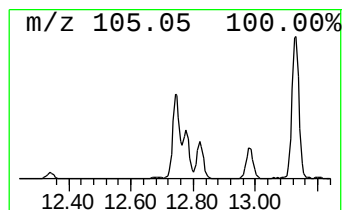
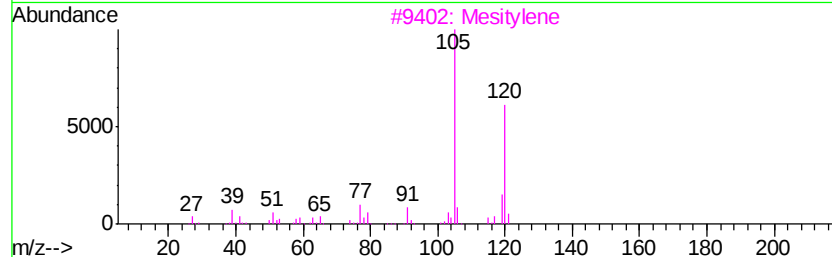
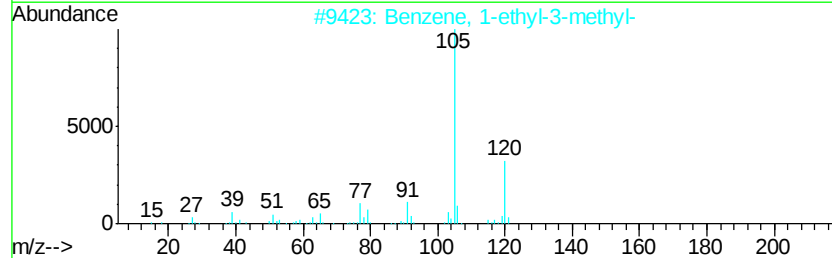
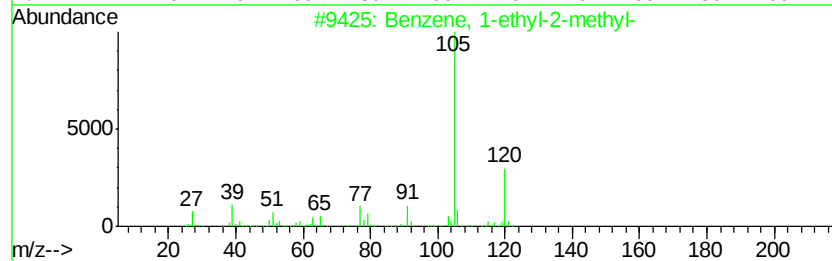
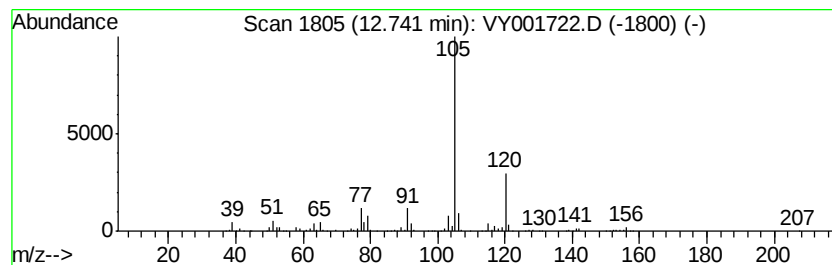
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	9.80 ug/l	228032	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90



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Misc : 7.67G/5ML/MSVOA Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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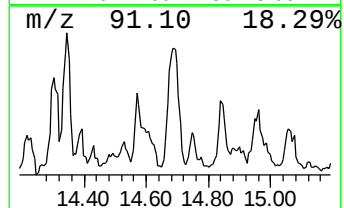
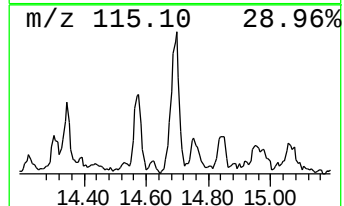
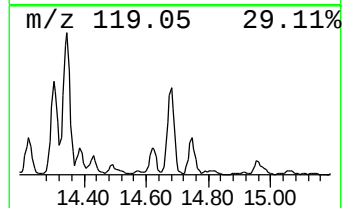
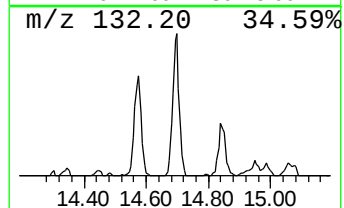
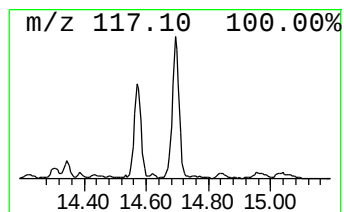
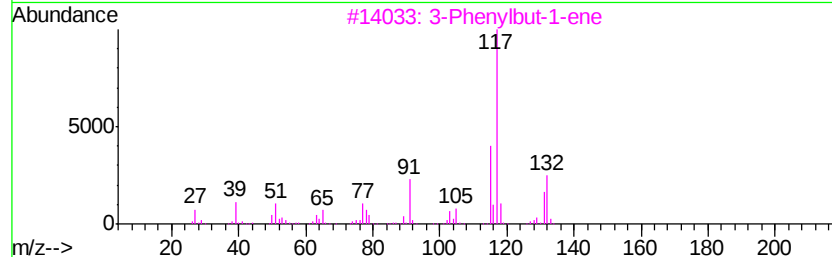
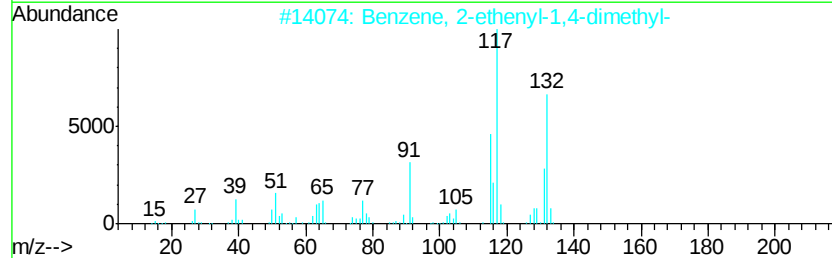
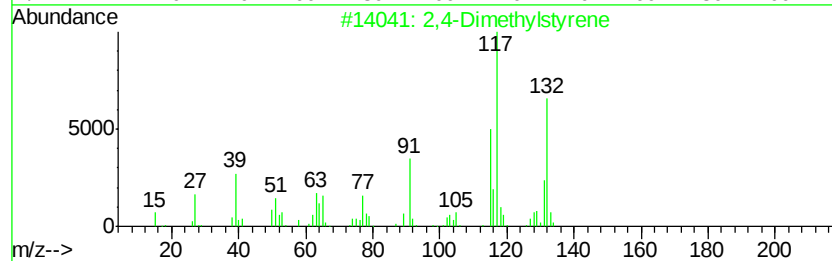
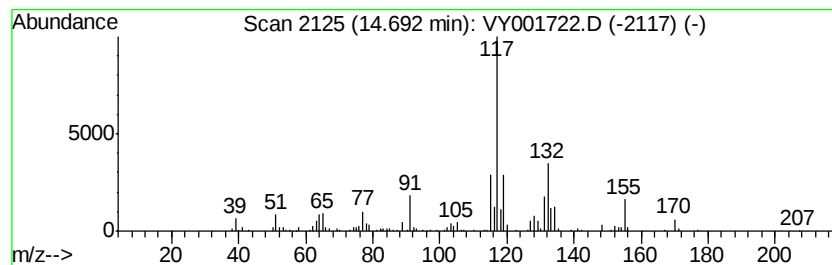
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Quant Title : SW846 8260

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

Peak Number 3 2,4-Dimethylstyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	6.79 ug/l	157935	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4-Dimethylstvrene	132	C10H12	002234-20-0	86
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	70
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	70



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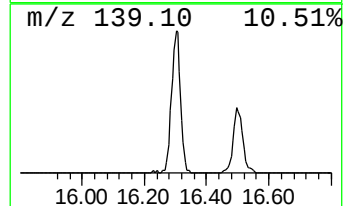
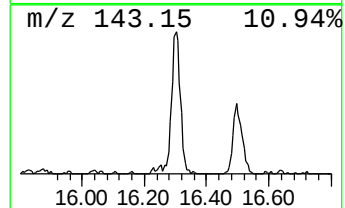
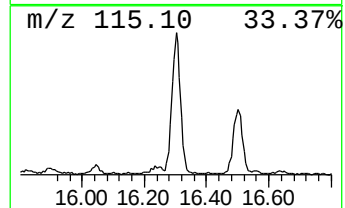
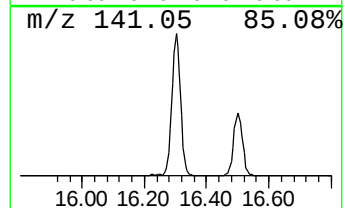
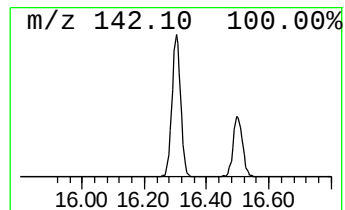
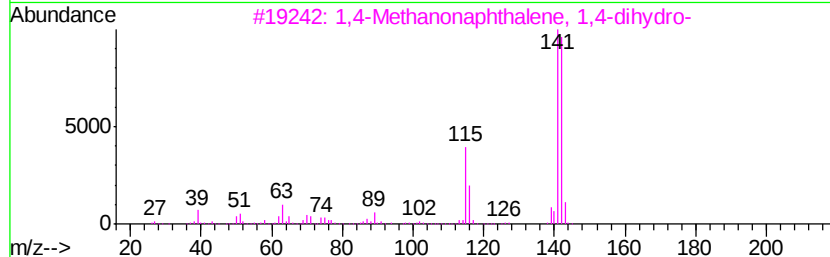
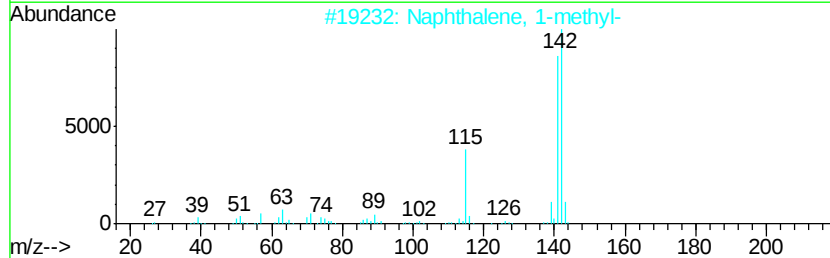
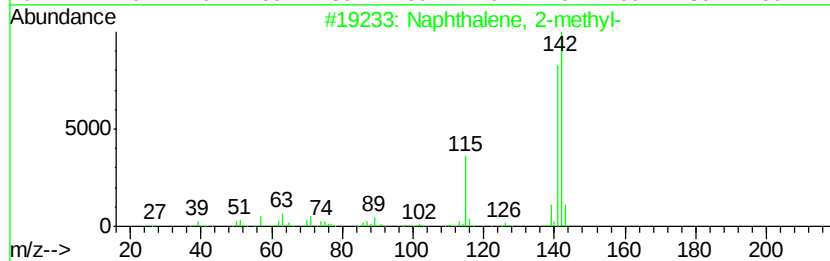
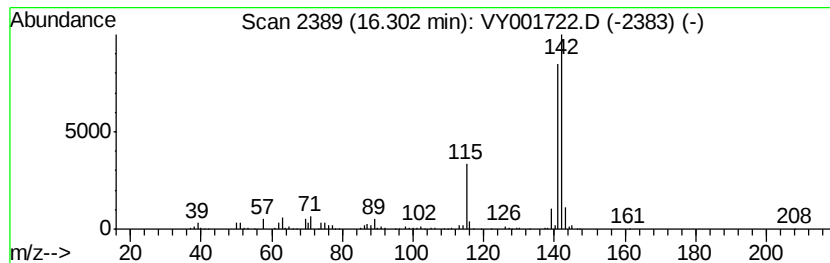
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	11.61 ug/l	270157	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
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		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1,5-...	11.91	10.3	ug/l	211566	3	11.50	1028300	50.0
Benzene, 1-ethyl-...	12.74	9.8	ug/l	228032	4	13.44	1163740	50.0
2,4-Dimethylstyrene	14.69	6.8	ug/l	157935	4	13.44	1163740	50.0
Naphthalene, 1-me...	16.30	11.6	ug/l	270157	4	13.44	1163740	50.0