

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090519\
 Data File : VX012123.D
 Acq On : 06 Sep 2019 02:52
 Operator : SY/SP
 Sample : K4618-04
 Misc : 5.60g/5.0mL/MSVOA X/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-4-14-16

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\82X090319S.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	1.064	25	29	42	rVB	690588	797389	96.21%	8.982%
2	1.162	42	45	54	rVB2	26125	30177	3.64%	0.340%
3	1.393	75	83	90	rBV	24746	30434	3.67%	0.343%
4	1.777	142	146	153	rVB	18804	26795	3.23%	0.302%
5	1.991	176	181	188	rVB2	15712	25668	3.10%	0.289%
6	2.253	220	224	235	rVB6	5766	15420	1.86%	0.174%
7	2.430	249	253	261	rVB	8723	14224	1.72%	0.160%
8	2.558	269	274	282	rBV	10013	17900	2.16%	0.202%
9	2.844	315	321	323	rBV3	7716	15655	1.89%	0.176%
10	2.875	323	326	332	rVB	10181	19312	2.33%	0.218%
11	3.161	362	373	382	rBV	14459	35303	4.26%	0.398%
12	3.515	423	431	439	rBV3	11877	27669	3.34%	0.312%
13	4.667	609	620	634	rBV	44293	149227	18.01%	1.681%
14	5.484	740	754	764	rBV2	89612	263988	31.85%	2.974%
15	5.649	766	781	798	rVB	172121	510887	61.64%	5.755%
16	5.917	816	825	837	rVB5	14178	42052	5.07%	0.474%
17	6.051	837	847	857	rBV	96264	253602	30.60%	2.857%
18	6.459	905	914	923	rBV6	5798	17005	2.05%	0.192%
19	6.691	944	952	960	rBV4	7953	19174	2.31%	0.216%
20	6.850	968	978	987	rBV	259744	619606	74.76%	6.980%
21	7.447	1065	1076	1085	rBV4	13466	34618	4.18%	0.390%
22	8.160	1187	1193	1197	rBV3	5931	11754	1.42%	0.132%
23	8.374	1225	1228	1235	rVB4	7519	12476	1.51%	0.141%
24	8.496	1243	1248	1252	rBV2	10480	17596	2.12%	0.198%
25	8.709	1277	1283	1291	rVV	534762	828785	100.00%	9.336%
26	8.782	1291	1295	1299	rVV	6352	12596	1.52%	0.142%
27	8.837	1299	1304	1311	rVB6	6417	15307	1.85%	0.172%
28	8.971	1319	1326	1332	rBV2	7587	16849	2.03%	0.190%
29	9.038	1332	1337	1346	rVB3	10780	19600	2.36%	0.221%
30	9.569	1418	1424	1428	rBV5	7080	13431	1.62%	0.151%
31	9.672	1435	1441	1444	rBV3	6772	11662	1.41%	0.131%
32	9.812	1458	1464	1471	rBV6	5551	11789	1.42%	0.133%
33	10.111	1507	1513	1521	rVV	484988	681043	82.17%	7.672%
34	10.355	1540	1553	1559	rVV8	13649	38247	4.61%	0.431%

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 Title : SW846 8260

35	10.410	1559	1562	1573	rVB6	8144	17096	2.06%	0.193%
36	10.507	1573	1578	1586	rBV6	8275	14638	1.77%	0.165%
37	10.696	1606	1609	1611	rBV	9769	12237	1.48%	0.138%
38	11.135	1675	1681	1686	rVV	388235	510042	61.54%	5.746%
39	11.178	1686	1688	1692	rVV4	11376	17177	2.07%	0.193%
40	11.227	1692	1696	1701	rVV5	15944	31583	3.81%	0.356%
41	11.434	1726	1730	1735	rVV5	14240	24978	3.01%	0.281%
42	11.507	1735	1742	1744	rVV5	9782	18117	2.19%	0.204%
43	11.538	1744	1747	1750	rVV3	15253	19231	2.32%	0.217%
44	11.666	1763	1768	1774	rBV2	13029	22369	2.70%	0.252%
45	11.800	1786	1790	1795	rBV3	17602	27682	3.34%	0.312%
46	11.940	1810	1813	1817	rVB3	12378	17371	2.10%	0.196%
47	12.019	1819	1826	1830	rBV5	18519	31100	3.75%	0.350%
48	12.074	1830	1835	1843	rBV	457364	567318	68.45%	6.391%
49	12.294	1868	1871	1879	rVB2	33108	56080	6.77%	0.632%
50	12.373	1879	1884	1891	rBV3	44942	85355	10.30%	0.962%
51	12.464	1895	1899	1902	rBV6	7869	11777	1.42%	0.133%
52	12.513	1904	1907	1913	rVB	18639	27214	3.28%	0.307%
53	12.580	1913	1918	1920	rBV2	40955	62054	7.49%	0.699%
54	12.605	1920	1922	1927	rVB	31698	33637	4.06%	0.379%
55	12.666	1928	1932	1936	rVB	77963	92093	11.11%	1.037%
56	12.714	1936	1940	1943	rBV3	16477	26807	3.23%	0.302%
57	12.769	1943	1949	1953	rBV4	20220	43161	5.21%	0.486%
58	12.812	1953	1956	1959	rBV	13697	16345	1.97%	0.184%
59	12.867	1959	1965	1968	rBV2	67763	105892	12.78%	1.193%
60	12.897	1968	1970	1974	rVB	37862	43207	5.21%	0.487%
61	12.977	1978	1983	1986	rBV2	144382	179554	21.66%	2.023%
62	13.013	1986	1989	1994	rVB	174272	189054	22.81%	2.130%
63	13.098	1998	2003	2005	rBV2	36870	48513	5.85%	0.546%
64	13.147	2008	2011	2016	rVB	64710	78657	9.49%	0.886%
65	13.220	2016	2023	2027	rBV2	28019	51538	6.22%	0.581%
66	13.263	2027	2030	2033	rBV4	12619	14134	1.71%	0.159%
67	13.306	2033	2037	2039	rBV2	24968	33069	3.99%	0.373%
68	13.342	2039	2043	2049	rVB2	144331	212580	25.65%	2.395%
69	13.422	2053	2056	2058	rVB	21021	18984	2.29%	0.214%
70	13.458	2058	2062	2064	rBV3	45419	63735	7.69%	0.718%
71	13.525	2070	2073	2075	rBV	13013	12352	1.49%	0.139%

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72	13.598	2079	2085	2087	rBV2	36321	60142	7.26%	0.677%
73	13.629	2087	2090	2093	rBV2	60304	68810	8.30%	0.775%
74	13.726	2103	2106	2112	rVB	45838	60129	7.26%	0.677%
75	13.830	2119	2123	2131	rVB4	57388	127238	15.35%	1.433%
76	13.903	2131	2135	2141	rVB6	30977	49248	5.94%	0.555%
77	13.982	2144	2148	2152	rBV3	36245	48023	5.79%	0.541%
78	14.025	2152	2155	2159	rVB5	10519	12212	1.47%	0.138%
79	14.086	2162	2165	2168	rVV2	25141	28931	3.49%	0.326%
80	14.123	2168	2171	2175	rVB2	43680	58157	7.02%	0.655%
81	14.269	2191	2195	2199	rBV2	52061	72116	8.70%	0.812%
82	14.306	2199	2201	2206	rVB6	9942	12255	1.48%	0.138%
83	14.373	2208	2212	2216	rVV	53054	73832	8.91%	0.832%
84	14.427	2218	2221	2224	rVB	30972	37809	4.56%	0.426%
85	14.537	2235	2239	2243	rBV7	13782	28036	3.38%	0.316%
86	14.671	2258	2261	2262	rBV2	16371	17218	2.08%	0.194%
87	14.726	2267	2270	2273	rBV2	18603	18934	2.28%	0.213%
88	14.812	2280	2284	2286	rBV2	32063	41745	5.04%	0.470%
89	15.019	2315	2318	2325	rVB7	16599	35146	4.24%	0.396%
90	15.183	2342	2345	2350	rVB	17419	24308	2.93%	0.274%
91	15.238	2350	2354	2358	rBV5	19552	32723	3.95%	0.369%
92	15.318	2363	2367	2372	rBV3	16838	25409	3.07%	0.286%
93	15.476	2389	2393	2399	rVB	44474	68640	8.28%	0.773%
94	15.549	2401	2405	2407	rBV5	7829	12714	1.53%	0.143%
95	15.677	2424	2426	2431	rVB2	10514	14685	1.77%	0.165%
96	15.811	2445	2448	2454	rVB6	12700	21992	2.65%	0.248%
97	15.885	2454	2460	2463	rVV	48566	83600	10.09%	0.942%
98	15.915	2463	2465	2474	rVB3	32426	57660	6.96%	0.650%
99	16.061	2483	2489	2495	rBV	37722	65847	7.95%	0.742%
100	16.409	2539	2546	2553	rVB	66627	125701	15.17%	1.416%

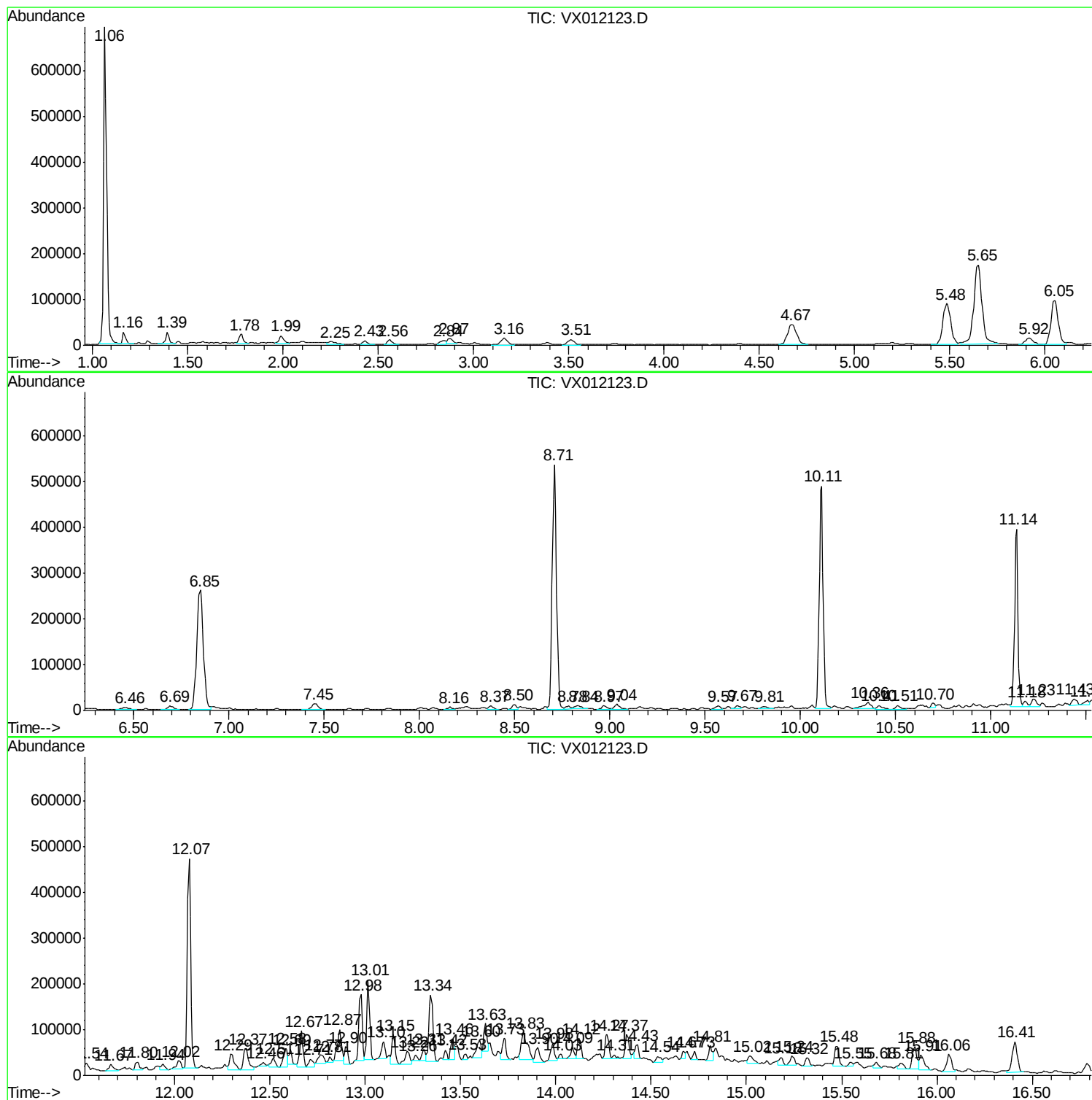
Sum of corrected areas: 8877231

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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260

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



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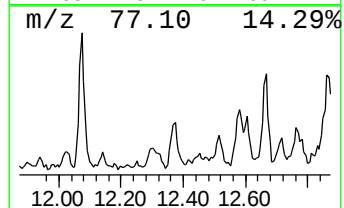
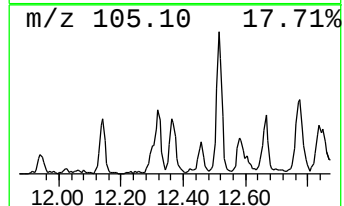
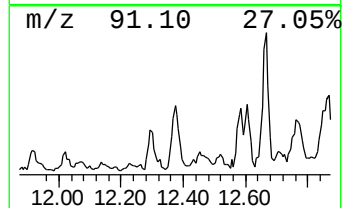
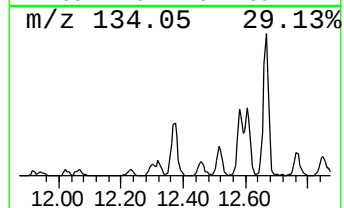
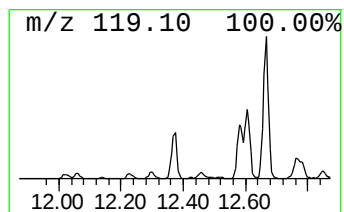
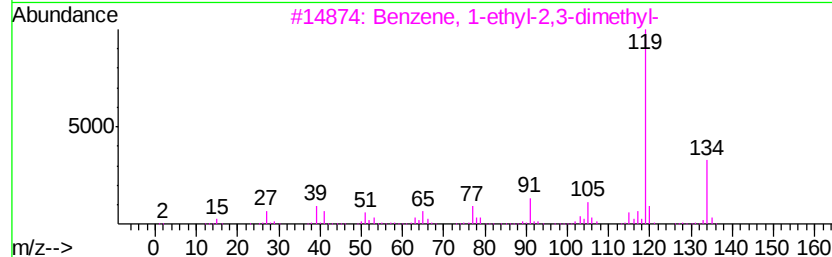
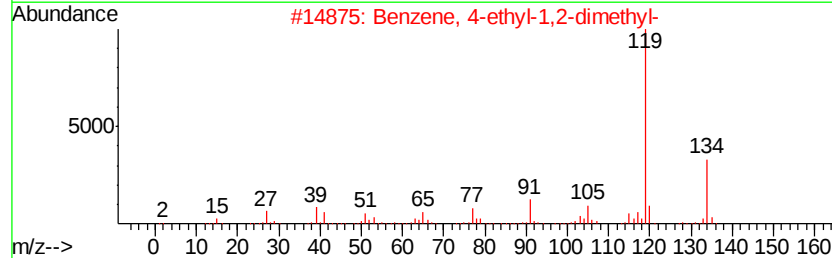
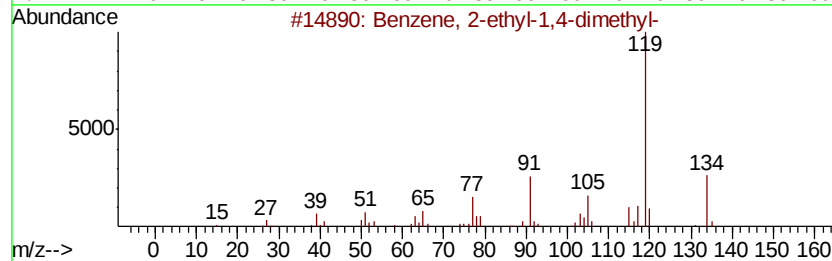
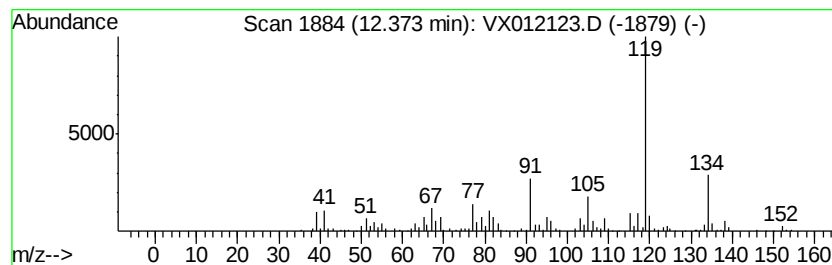
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	7.52 ug/l	85355	1,4-Dichlorobenzene-d4	12.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93



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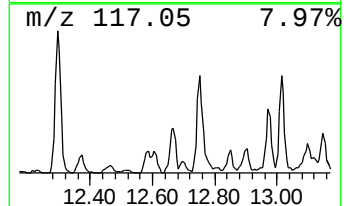
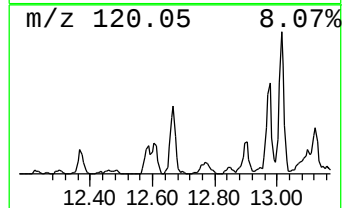
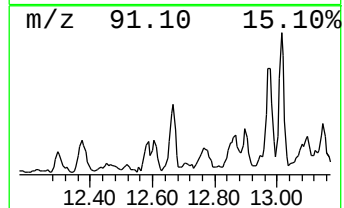
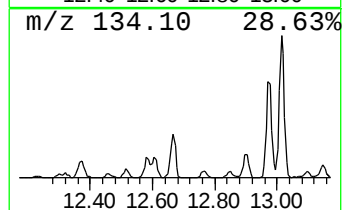
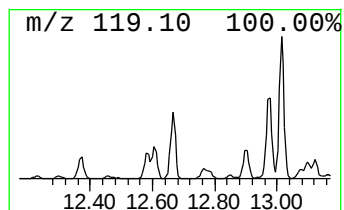
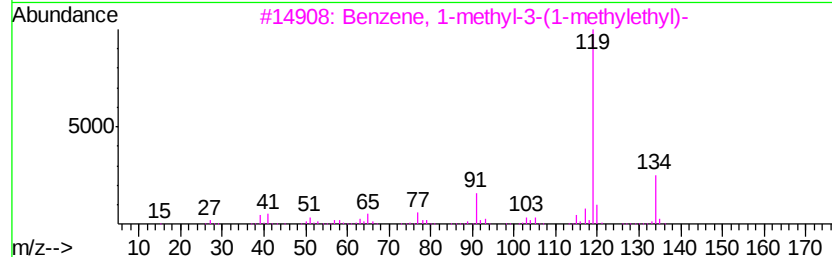
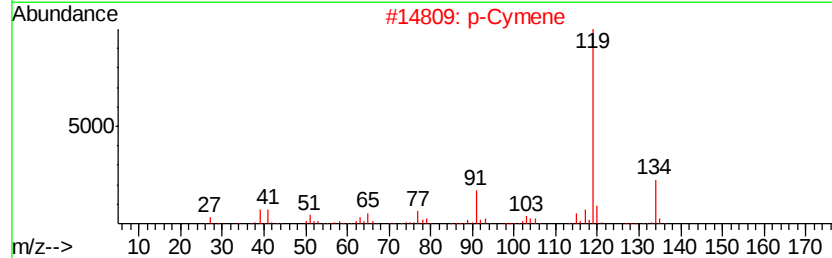
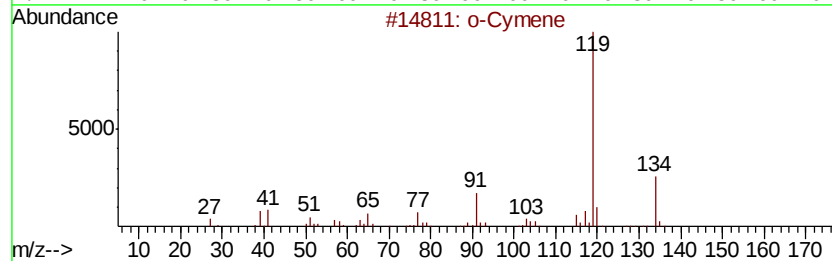
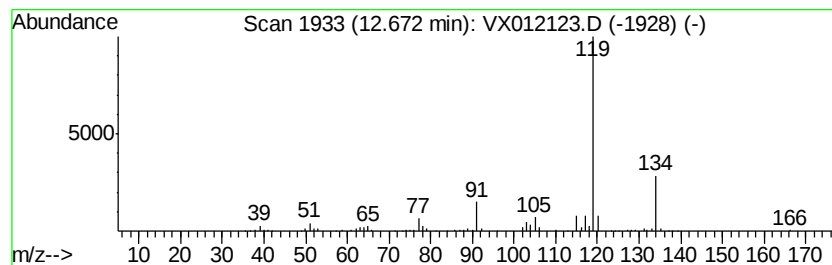
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Quant Title : SW846 8260

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

Peak Number 3 o-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	8.12 ug/l	92093	1,4-Dichlorobenzene-d4	12.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	97
2		p-Cymene	134	C10H14	000099-87-6	97
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	95
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91



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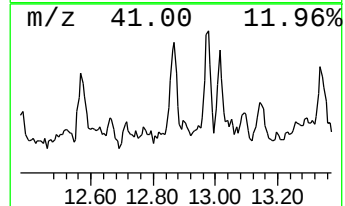
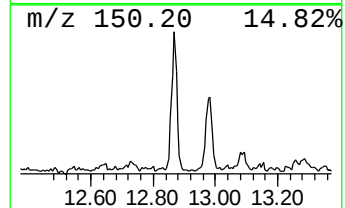
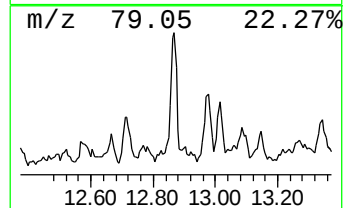
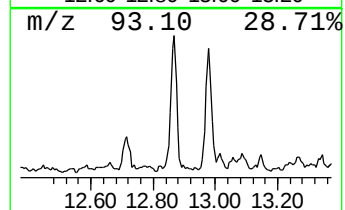
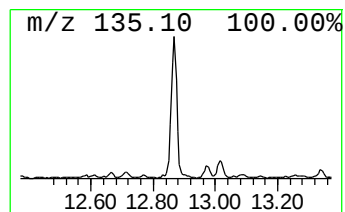
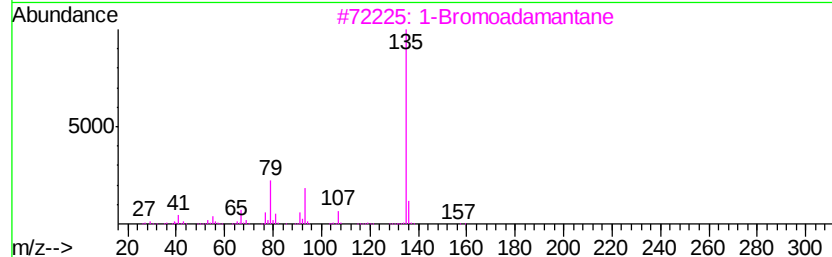
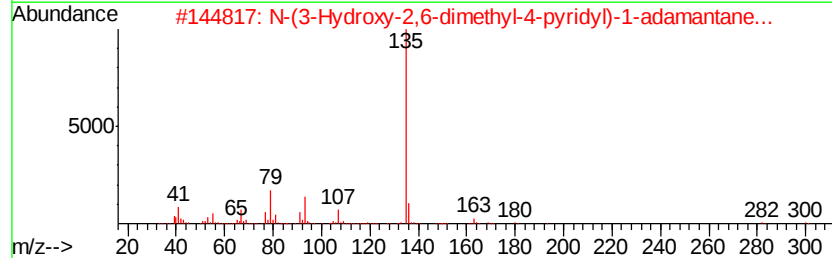
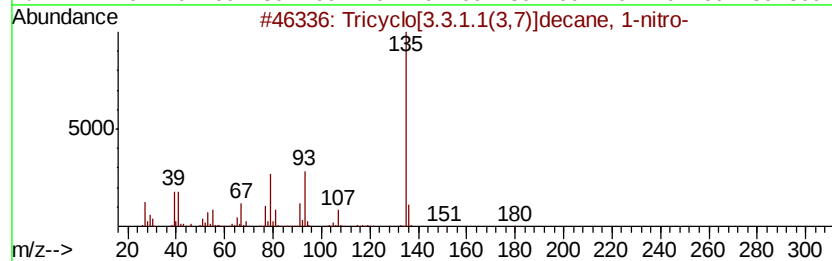
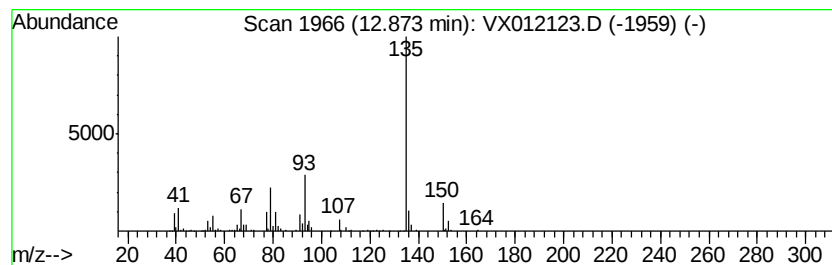
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Tricyclo[3.3.1.1(3,7)]decan... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	9.33 ug/l	105892	1,4-Dichlorobenzene-d4	12.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tricyclo[3.3.1.1(3,7)]decane, 1-...	181	C10H15NO2	007575-82-8	86
2		N-(3-Hydroxy-2,6-dimethyl-4-pyri...	300	C18H24N2O2	1000260-99-3	80
3		1-Bromoadamantane	214	C10H15Br	000768-90-1	80
4		4-Amino-2,6-dimethyl-3-pyridyl 1...	300	C18H24N2O2	1000260-99-2	80
5		Phosphonic dichloride, 1-adamantyl-	252	C10H15Cl2OP	1000294-15-7	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090519\
Data File : VX012123.D
Acq On : 06 Sep 2019 02:52
Operator : SY/SP
Sample : K4618-04
Misc : 5.60µ/5.0mL/MSVOA X/SOIL
ALS Vial : 36 Sample Multiplier: 1

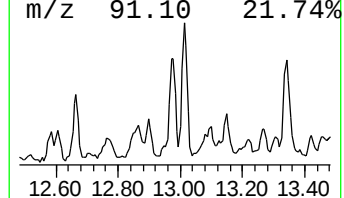
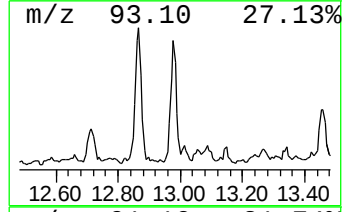
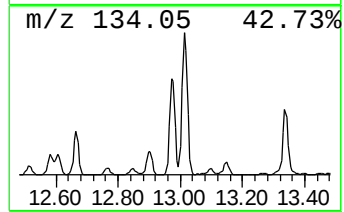
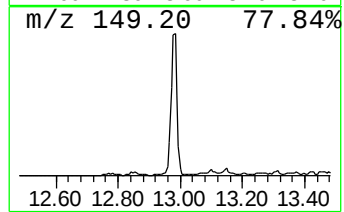
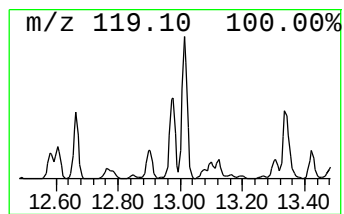
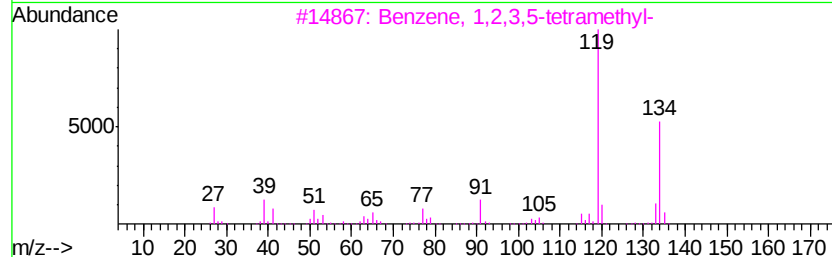
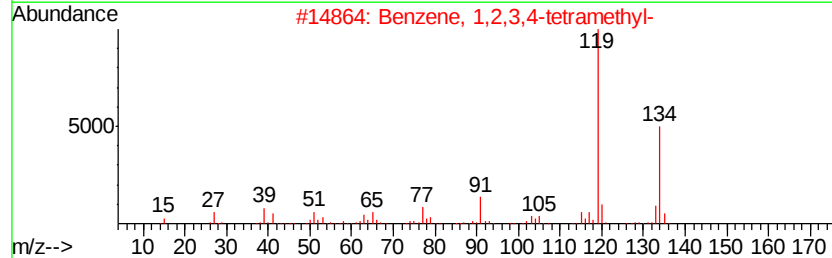
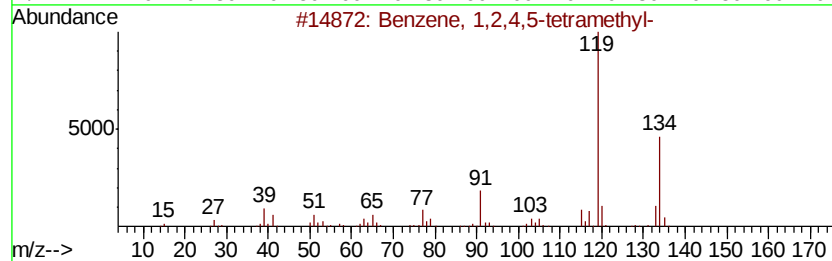
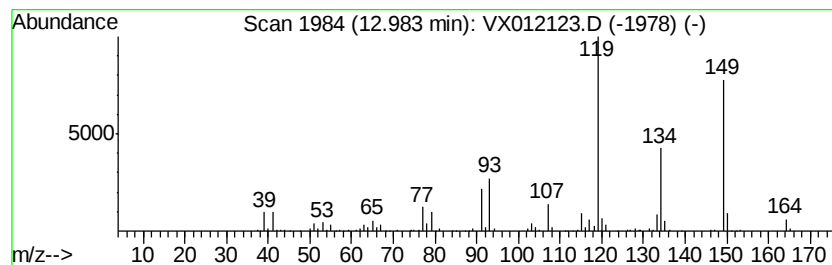
Instrument :
MSVOA_X
ClientSampleId :
SB-4-14-16

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.98	15.82 ug/l	179554	1,4-Dichlorobenzene-d4	12.07	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	92
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	92
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	92
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090519\
Data File : VX012123.D
Acq On : 06 Sep 2019 02:52
Operator : SY/SP
Sample : K4618-04
Misc : 5.60µ/5.0mL/MSVOA X/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
SB-4-14-16

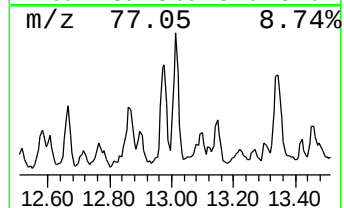
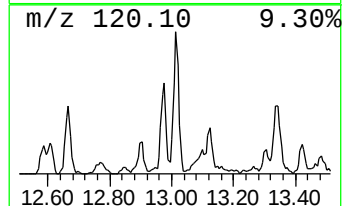
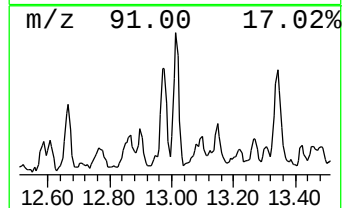
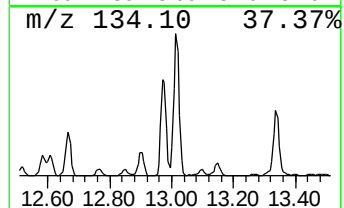
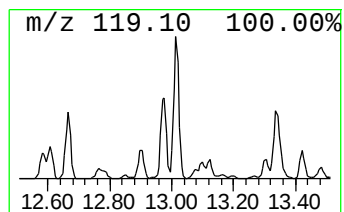
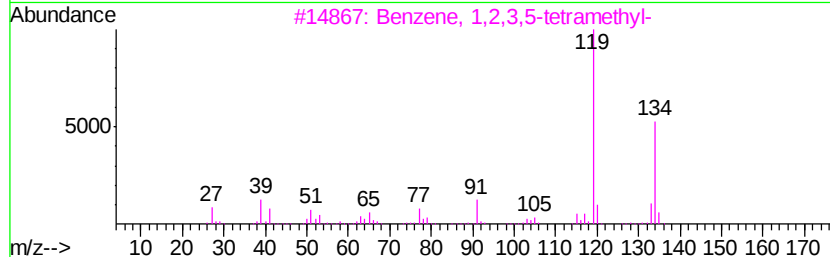
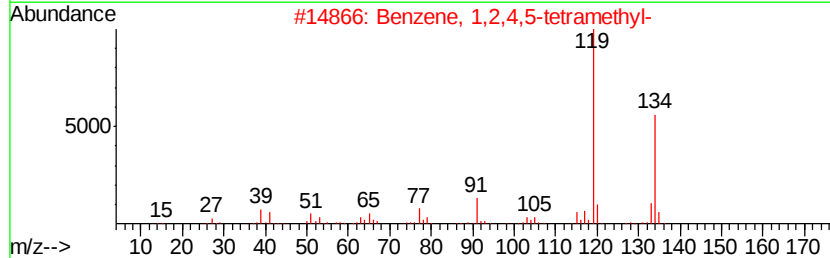
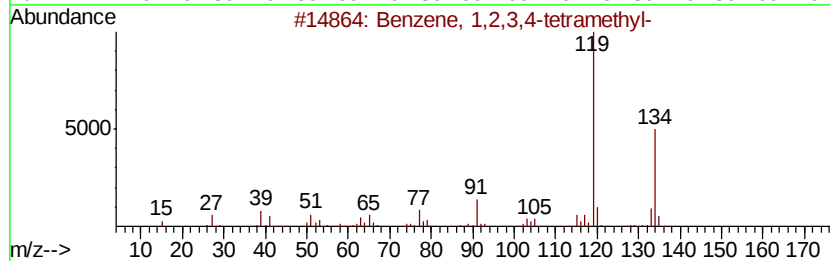
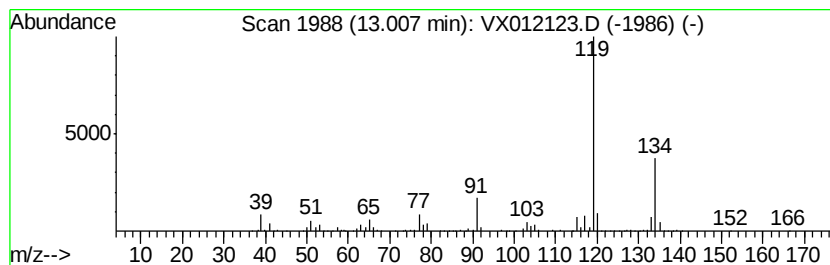
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	16.66 ug/l	189054	1,4-Dichlorobenzene-d4	12.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090519\
Data File : VX012123.D
Acq On : 06 Sep 2019 02:52
Operator : SY/SP
Sample : K4618-04
Misc : 5.60q/5.0mL/MSVOA X/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB-4-14-16

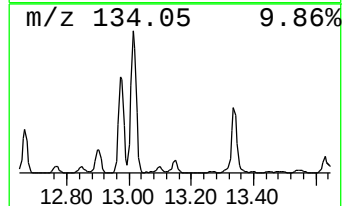
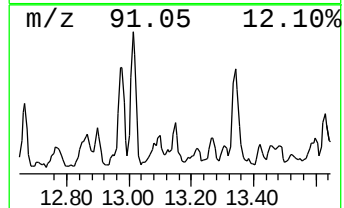
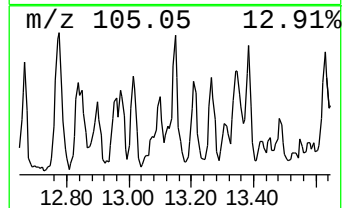
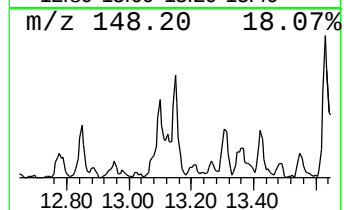
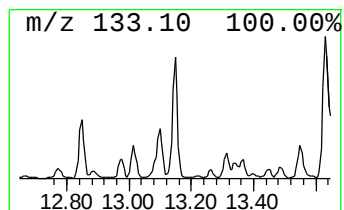
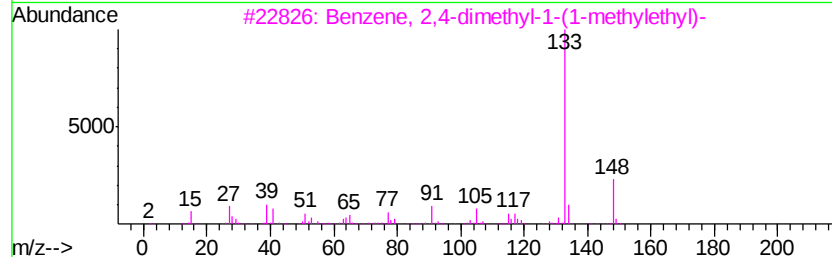
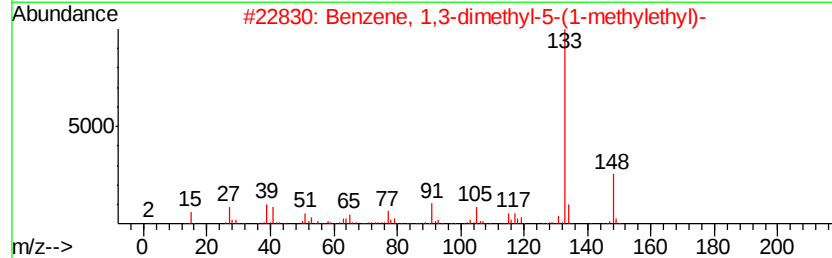
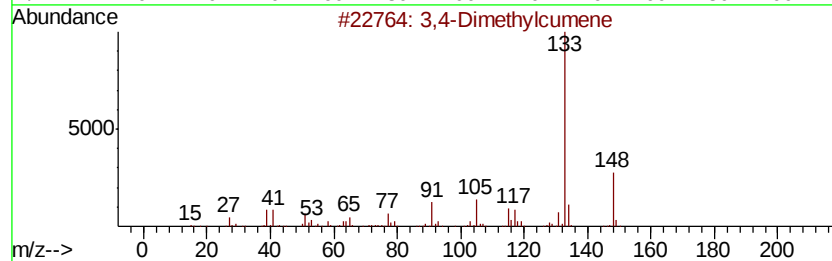
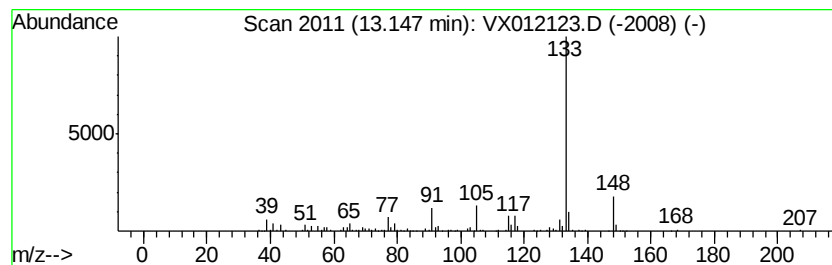
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Quant Title : SW846 8260

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

Peak Number 7 3,4-Dimethylcumene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	6.93 ug/l	78657	1,4-Dichlorobenzene-d4	12.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	91
2		Benzene, 1,3-dimethyl-5-(1-methyl-...	148	C11H16	004706-90-5	91
3		Benzene, 2,4-dimethyl-1-(1-methyl-...	148	C11H16	004706-89-2	91
4		Benzene, 1,4-dimethyl-2-(1-methyl-...	148	C11H16	004132-72-3	91
5		4-tert-Butyltoluene	148	C11H16	000098-51-1	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090519\
Data File : VX012123.D
Acq On : 06 Sep 2019 02:52
Operator : SY/SP
Sample : K4618-04
Misc : 5.60µ/5.0mL/MSVOA X/SOIL
ALS Vial : 36 Sample Multiplier: 1

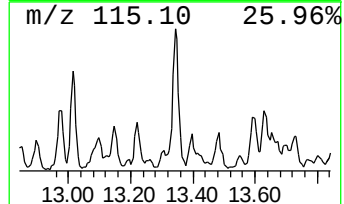
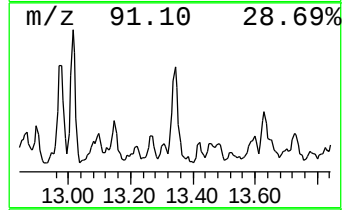
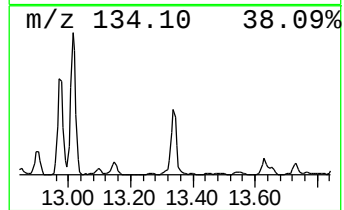
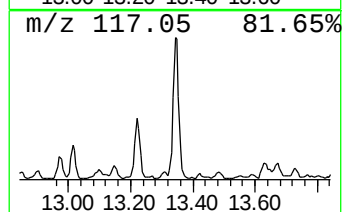
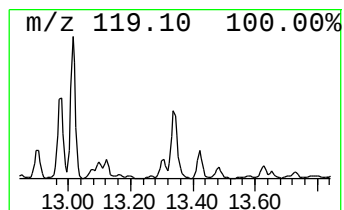
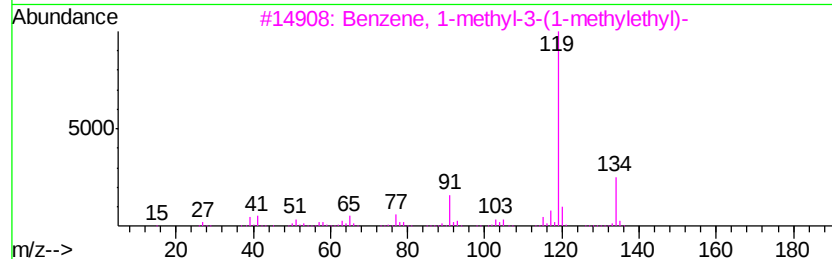
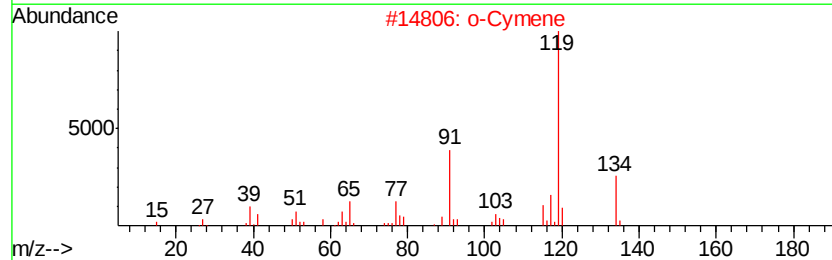
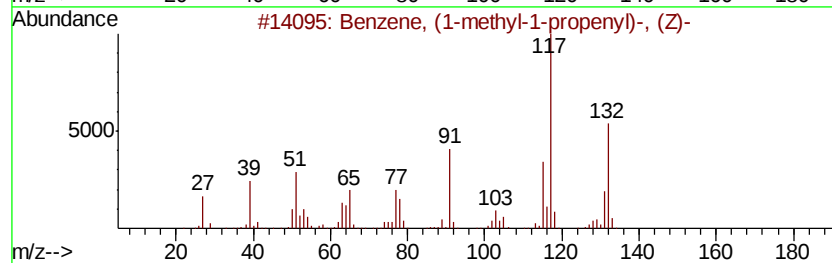
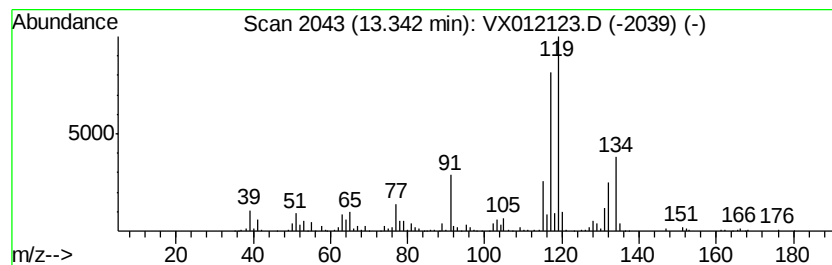
Instrument :
MSVOA_X
ClientSampleId :
SB-4-14-16

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260

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

Peak Number 8 Benzene, (1-methyl-1-propen... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	18.74 ug/l	212580	1,4-Dichlorobenzene-d4	12.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, (1-methyl-1-propenyl)-,...	132 C10H12	000767-99-7 89
2		o-Cymene	134 C10H14	000527-84-4 55
3		Benzene, 1-methyl-3-(1-methylethyl)-	134 C10H14	000535-77-3 50
4		3-Phenylbut-1-ene	132 C10H12	000934-10-1 50
5		Benzene, (1-methyl-1-propenyl)-,...	132 C10H12	000768-00-3 50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090519\
Data File : VX012123.D
Acq On : 06 Sep 2019 02:52
Operator : SY/SP
Sample : K4618-04
Misc : 5.60µ/5.0mL/MSVOA X/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB-4-14-16

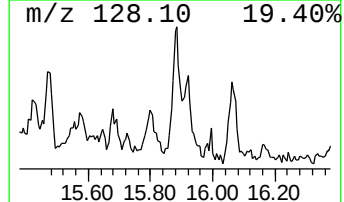
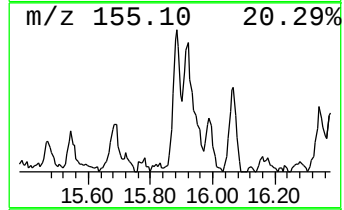
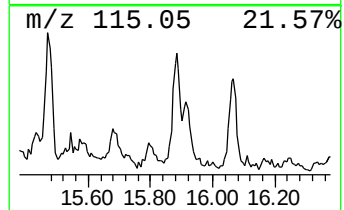
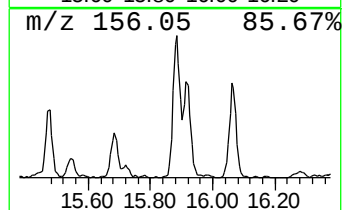
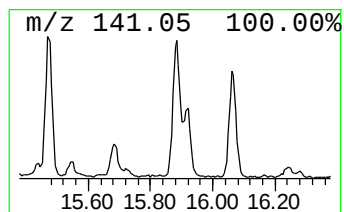
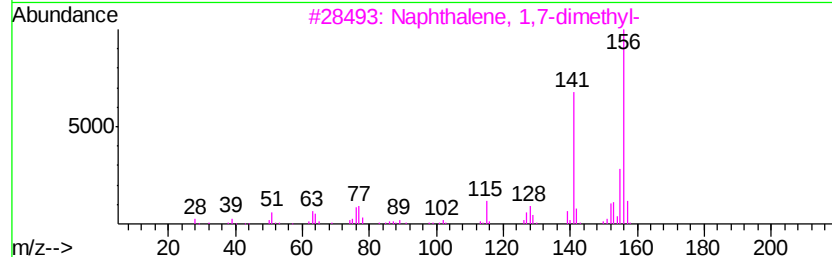
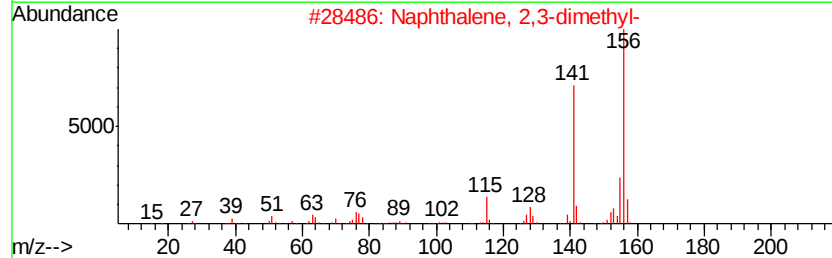
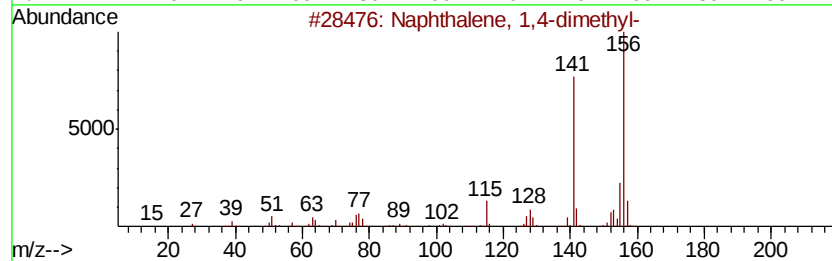
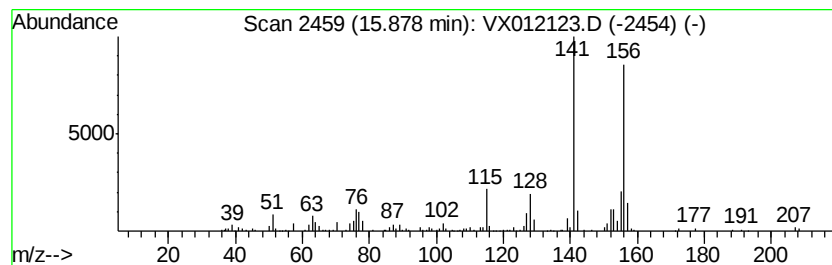
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	7.37 ug/l	83600	1,4-Dichlorobenzene-d4	12.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090519\
Data File : VX012123.D
Acq On : 06 Sep 2019 02:52
Operator : SY/SP
Sample : K4618-04
Misc : 5.60g/5.0mL/MSVOA_X/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB-4-14-16

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.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
Benzene, 2-ethyl-...	12.37	7.5	ug/l	85355	4	12.07	567318	50.0
o-Cymene	12.67	8.1	ug/l	92093	4	12.07	567318	50.0
Tricyclo[3.3.1.1(...	12.87	9.3	ug/l	105892	4	12.07	567318	50.0
Benzene, 1,2,4,5-...	12.98	15.8	ug/l	179554	4	12.07	567318	50.0
Benzene, 1,2,3,4-...	13.01	16.7	ug/l	189054	4	12.07	567318	50.0
3,4-Dimethylcumene	13.15	6.9	ug/l	78657	4	12.07	567318	50.0
Benzene, (1-methy...	13.34	18.7	ug/l	212580	4	12.07	567318	50.0
Naphthalene, 1,4-...	15.88	7.4	ug/l	83600	4	12.07	567318	50.0