

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121618\
 Data File : VW007488.D
 Acq On : 13 Dec 2018 15:10
 Operator : SY/AP
 Sample : J6319-09
 Misc : 4.24G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 063_SW-E-1

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_W\METHOD\82W121118S.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	4.909	483	493	510	rVB8	4603	20217	5.51%	0.627%
2	5.927	653	660	668	rVB3	1780	4898	1.33%	0.152%
3	6.970	825	831	841	rVB5	1301	4021	1.10%	0.125%
4	7.147	851	860	873	rVB	5917	16224	4.42%	0.503%
5	7.884	971	981	985	rBV	47466	108069	29.44%	3.351%
6	7.945	985	991	1000	rVB	123005	267419	72.84%	8.292%
7	8.305	1035	1050	1060	rBB	44548	100930	27.49%	3.130%
8	8.482	1073	1079	1088	rVB2	2547	6771	1.84%	0.210%
9	8.841	1129	1138	1150	rBB	170372	335307	91.33%	10.397%
10	9.329	1214	1218	1224	rVB5	3150	6363	1.73%	0.197%
11	9.762	1283	1289	1297	rBB3	5719	11229	3.06%	0.348%
12	9.896	1300	1311	1318	rBV3	8984	20738	5.65%	0.643%
13	10.085	1335	1342	1348	rBV6	1430	3742	1.02%	0.116%
14	10.250	1357	1369	1374	rBV2	7821	14449	3.94%	0.448%
15	10.323	1374	1381	1389	rVV	173388	308765	84.10%	9.574%
16	10.390	1389	1392	1398	rVB	2878	4457	1.21%	0.138%
17	10.500	1401	1410	1421	rBV7	2304	7029	1.91%	0.218%
18	10.609	1424	1428	1433	rBV4	2119	3682	1.00%	0.114%
19	10.664	1433	1437	1440	rBV3	3394	5059	1.38%	0.157%
20	10.707	1440	1444	1447	rVV2	4226	8003	2.18%	0.248%
21	10.743	1447	1450	1459	rVB4	5056	12796	3.49%	0.397%
22	11.067	1499	1503	1507	rVB2	5499	7488	2.04%	0.232%
23	11.231	1526	1530	1534	rVV5	2547	4039	1.10%	0.125%
24	11.292	1534	1540	1543	rVV3	4592	7501	2.04%	0.233%
25	11.335	1544	1547	1551	rVB4	3440	5126	1.40%	0.159%
26	11.402	1551	1558	1559	rBV5	2071	4481	1.22%	0.139%
27	11.438	1560	1564	1572	rVB3	9587	18464	5.03%	0.573%
28	11.634	1589	1596	1604	rBV	220780	367123	100.00%	11.384%
29	11.731	1608	1612	1615	rBV3	2842	4810	1.31%	0.149%
30	11.762	1615	1617	1622	rVB4	3416	5280	1.44%	0.164%
31	11.835	1622	1629	1632	rBV5	6279	15726	4.28%	0.488%
32	11.975	1648	1652	1657	rBV6	2475	4213	1.15%	0.131%
33	12.036	1657	1662	1666	rBV5	3572	7181	1.96%	0.223%
34	12.073	1666	1668	1673	rVB3	3165	4035	1.10%	0.125%

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Integration Parameters: RTEINT.P

Integrator: RTE
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35	12.140	1673	1679	1686	rBV5	8816	22256	6.06%	0.690%
36	12.194	1686	1688	1692	rBV4	2445	3902	1.06%	0.121%
37	12.335	1701	1711	1722	rBV9	13099	50314	13.70%	1.560%
38	12.444	1722	1729	1736	rBV10	6482	22031	6.00%	0.683%
39	12.524	1740	1742	1746	rVB3	5293	6206	1.69%	0.192%
40	12.621	1746	1758	1766	rVB2	129209	229675	62.56%	7.122%
41	12.707	1766	1772	1776	rBV5	8708	17605	4.80%	0.546%
42	12.768	1777	1782	1783	rBV4	4205	7289	1.99%	0.226%
43	12.865	1792	1798	1801	rBV5	6718	13564	3.69%	0.421%
44	12.944	1806	1811	1820	rVB10	7982	24905	6.78%	0.772%
45	13.072	1827	1832	1837	rBV8	6350	13563	3.69%	0.421%
46	13.133	1837	1842	1845	rBV2	7647	12163	3.31%	0.377%
47	13.194	1845	1852	1859	rVB5	13722	35283	9.61%	1.094%
48	13.261	1859	1863	1866	rBV5	5168	10002	2.72%	0.310%
49	13.304	1866	1870	1875	rVB5	8437	11870	3.23%	0.368%
50	13.371	1877	1881	1882	rBV	8029	9964	2.71%	0.309%
51	13.414	1884	1888	1896	rVB3	16173	31599	8.61%	0.980%
52	13.487	1896	1900	1903	rVB3	7010	8889	2.42%	0.276%
53	13.560	1903	1912	1918	rBV	184848	316218	86.13%	9.805%
54	13.767	1940	1946	1950	rVB7	7092	17746	4.83%	0.550%
55	13.840	1953	1958	1960	rVV4	3036	4700	1.28%	0.146%
56	13.889	1960	1966	1972	rVV4	22960	40759	11.10%	1.264%
57	14.097	1994	2000	2013	rVB8	12084	47143	12.84%	1.462%
58	14.212	2013	2019	2023	rBV4	8699	18248	4.97%	0.566%
59	14.273	2023	2029	2035	rVV5	17846	38883	10.59%	1.206%
60	14.347	2036	2041	2045	rVV	17717	31775	8.66%	0.985%
61	14.389	2045	2048	2052	rVV4	23668	42676	11.62%	1.323%
62	14.426	2052	2054	2063	rVB3	18767	30913	8.42%	0.959%
63	14.548	2063	2074	2080	rBV10	11867	41415	11.28%	1.284%
64	14.645	2080	2090	2095	rVB2	18831	43833	11.94%	1.359%
65	14.700	2095	2099	2103	rBV5	7580	13753	3.75%	0.426%
66	14.749	2104	2107	2112	rVB3	6575	9339	2.54%	0.290%
67	14.816	2112	2118	2122	rBV6	7028	15491	4.22%	0.480%
68	15.005	2143	2149	2156	rVB7	6566	14720	4.01%	0.456%
69	15.072	2156	2160	2163	rBV6	5652	8736	2.38%	0.271%
70	15.133	2164	2170	2175	rBV3	14821	33108	9.02%	1.027%
71	15.334	2199	2203	2211	rVB3	11626	22954	6.25%	0.712%

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Integration Parameters: RTEINT.P

Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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72	15.432	2212	2219	2225	rVV7	13750	42520	11.58%	1.318%
73	15.505	2228	2231	2240	rVB5	12206	29815	8.12%	0.925%
74	15.669	2250	2258	2268	rBV5	5396	18145	4.94%	0.563%
75	15.810	2276	2281	2284	rBV5	3231	6511	1.77%	0.202%
76	15.865	2288	2290	2295	rVB4	4454	6091	1.66%	0.189%
77	15.956	2301	2305	2312	rVV2	18267	35126	9.57%	1.089%
78	16.035	2312	2318	2329	rVB10	7270	22843	6.22%	0.708%
79	16.169	2335	2340	2344	rBV7	1996	4621	1.26%	0.143%
80	16.383	2370	2375	2382	rVB10	2846	5853	1.59%	0.181%
81	16.645	2413	2418	2419	rBV4	2941	4276	1.16%	0.133%

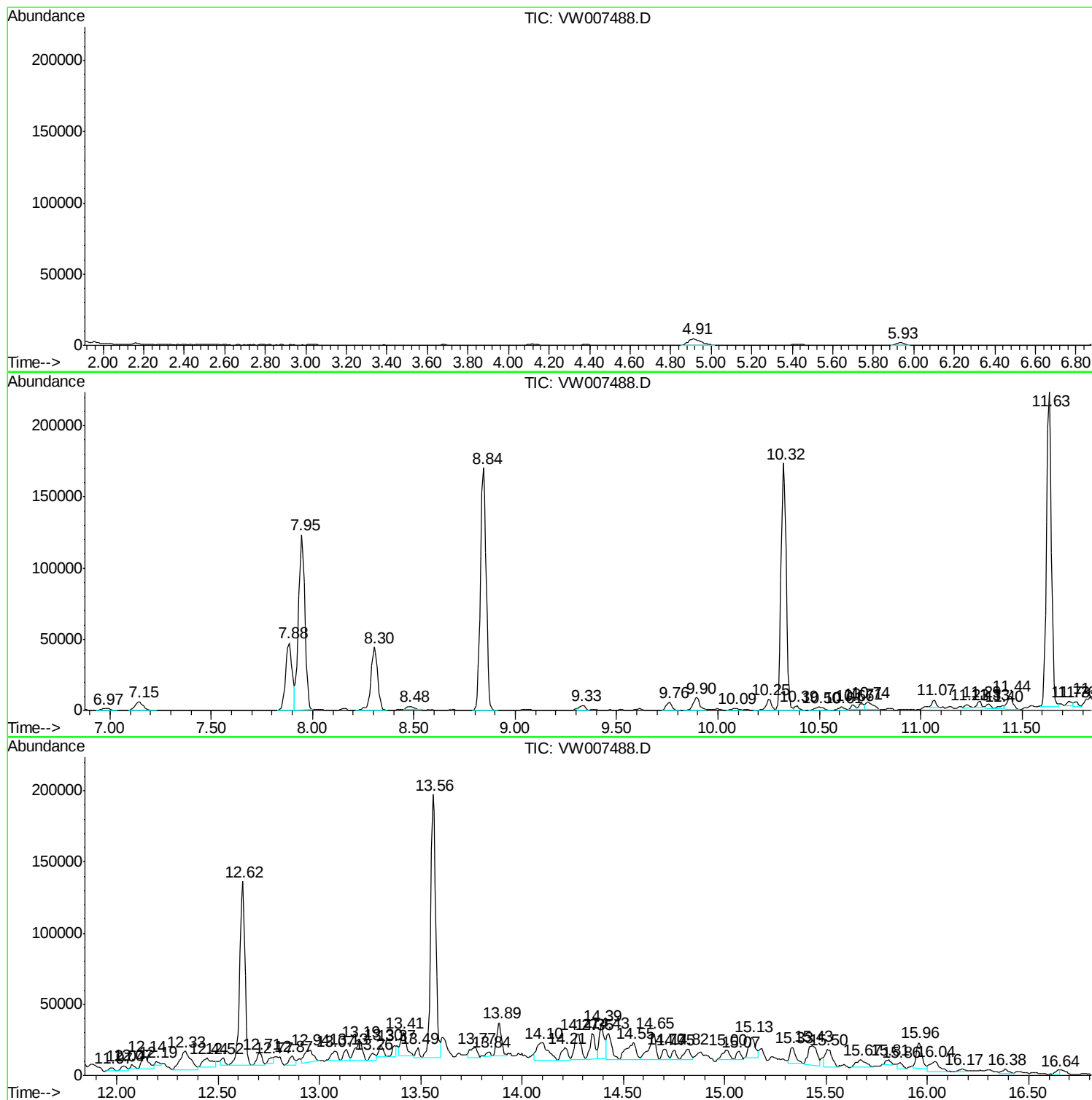
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Sample : J6319-09
Misc : 4.24G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

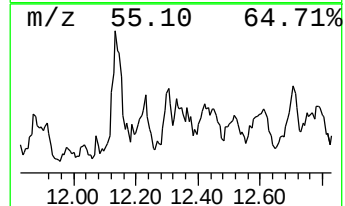
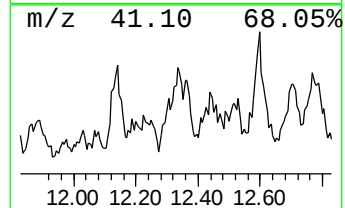
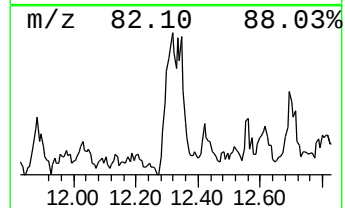
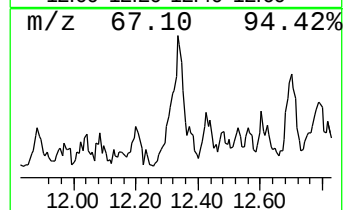
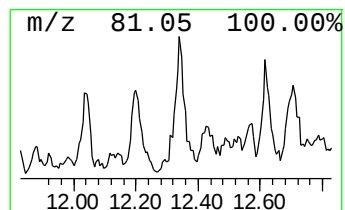
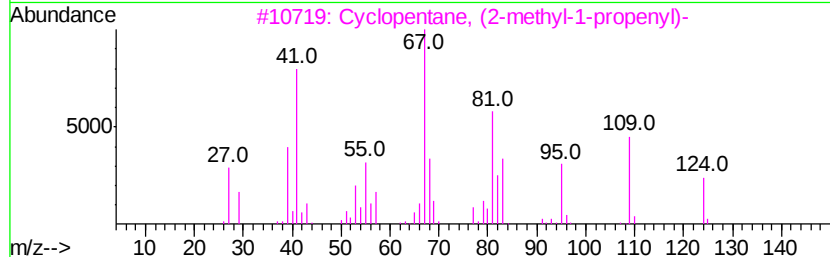
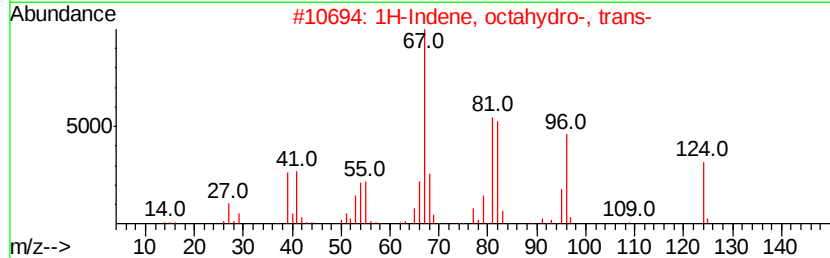
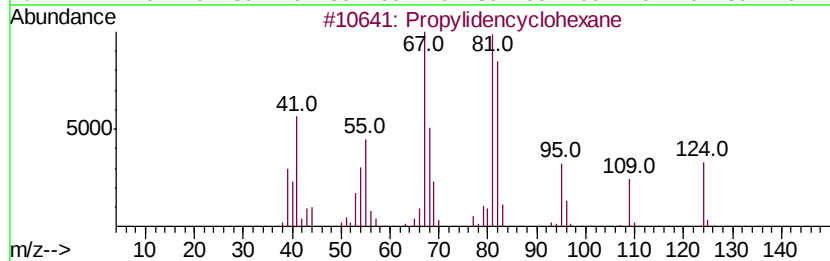
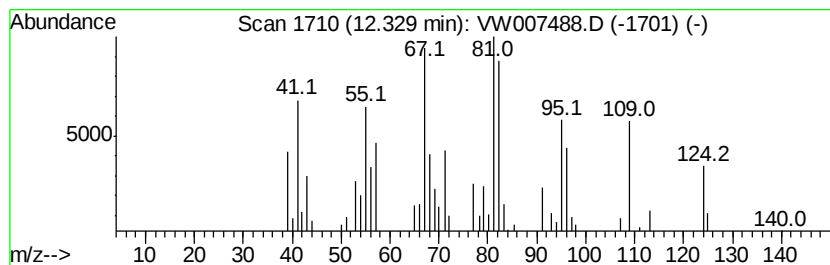
Instrument :
MSVOA_W
ClientSampleId :
063_SW-E-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260

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

Peak Number 1 Propylidencyclohexane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.33	6.85 ug/l	50314	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Propylidencyclohexane	124	C9H16	002129-93-3	87
2		1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	72
3		Cyclopentane, (2-methyl-1-propen...	124	C9H16	053366-57-7	58
4		cis-1,4-Dimethyl-2-methylenecycl...	124	C9H16	019781-46-5	49
5		1-Heptadecyne	236	C17H32	026186-00-5	49



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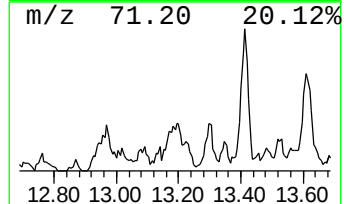
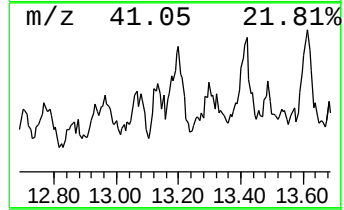
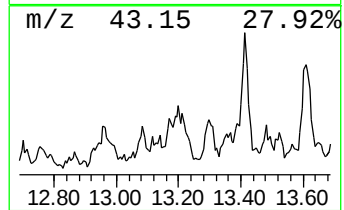
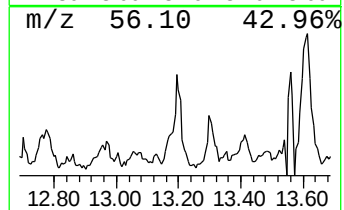
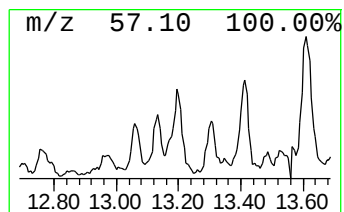
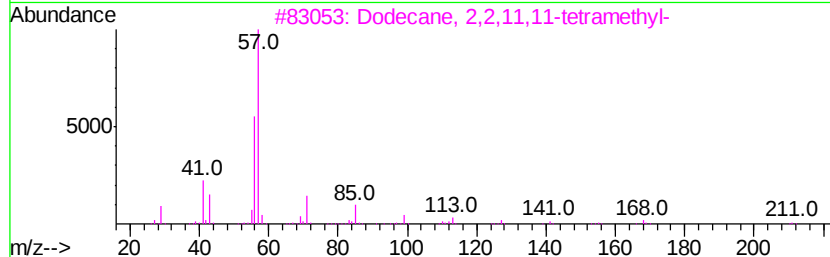
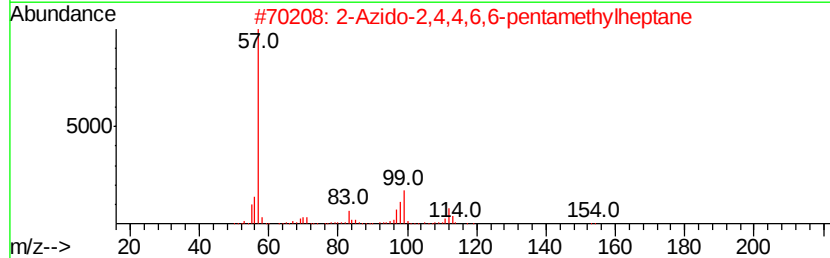
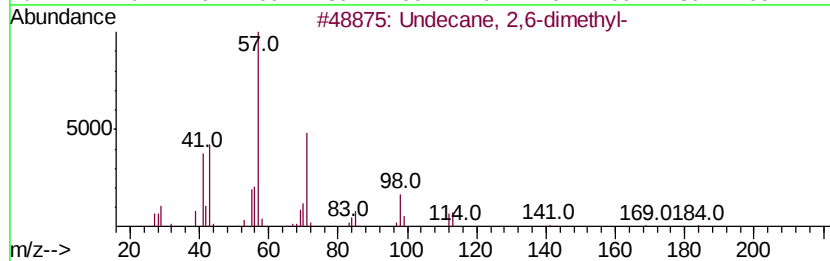
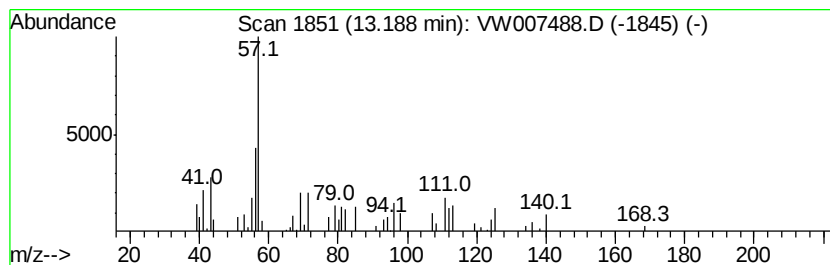
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown13.19 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.19	5.58 ug/l	35283	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	47
2	2-Azido-2,4,4,6,6-pentamethylheptane	211	C12H25N3	1000293-29-0	47
3	Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	40
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	40
5	5-Methyl-1,5-hexadien-3-ol	112	C7H12O	017123-61-4	38



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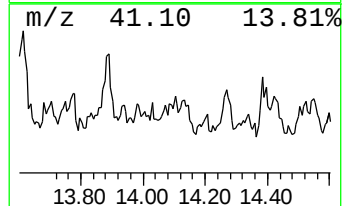
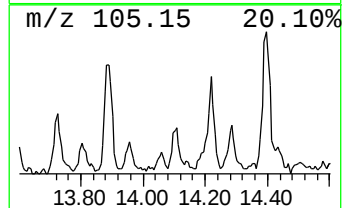
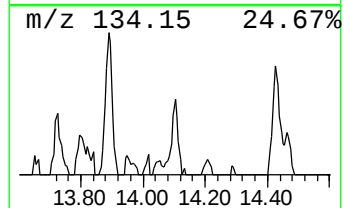
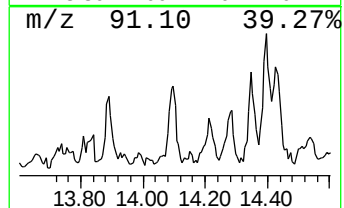
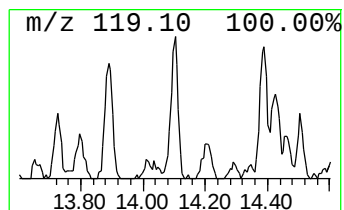
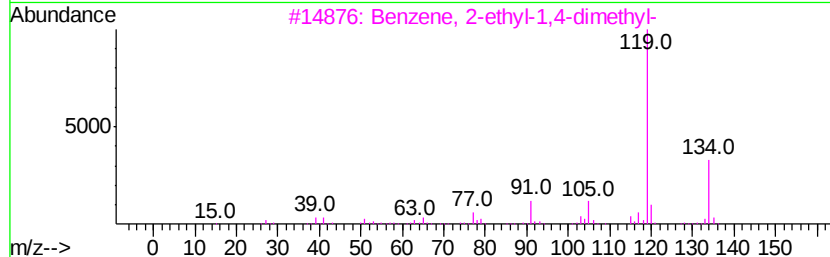
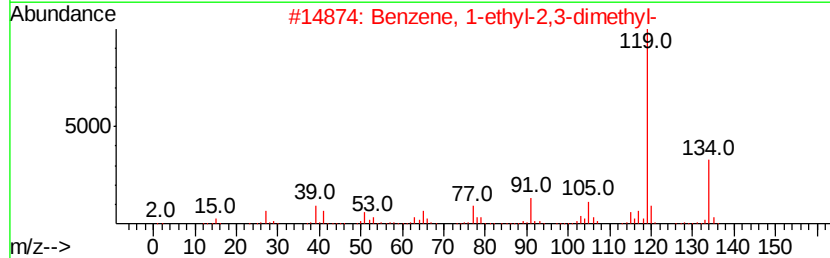
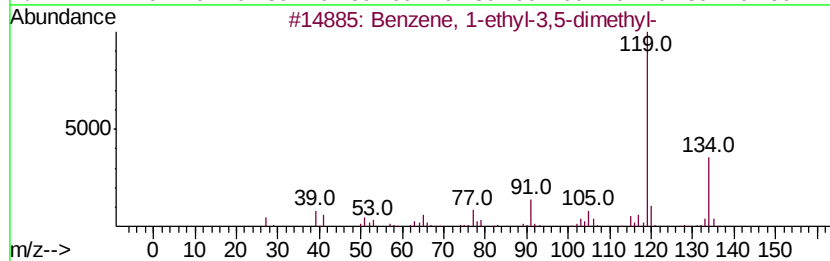
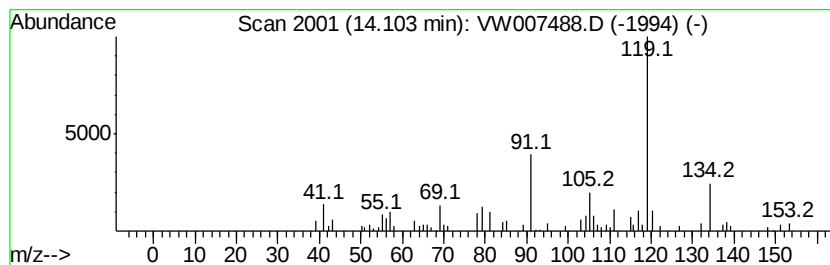
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Quant Title : SW846 8260

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

Peak Number 4 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	7.45 ug/l	47143	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	83
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	80
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	72
4		1,3,8-p-Menthatriene	134	C10H14	018368-95-1	68
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	58



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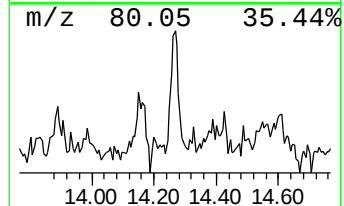
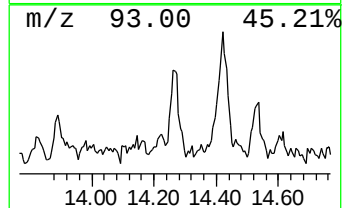
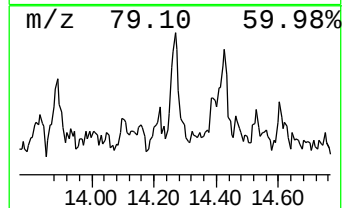
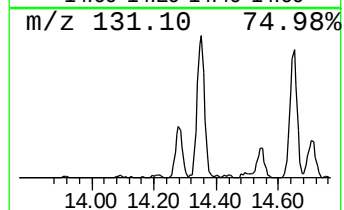
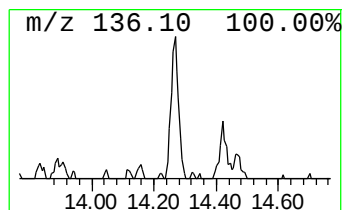
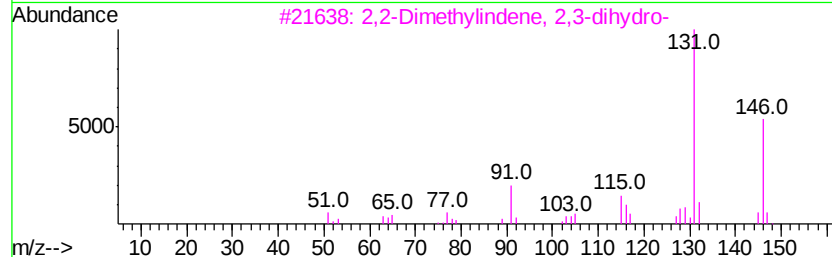
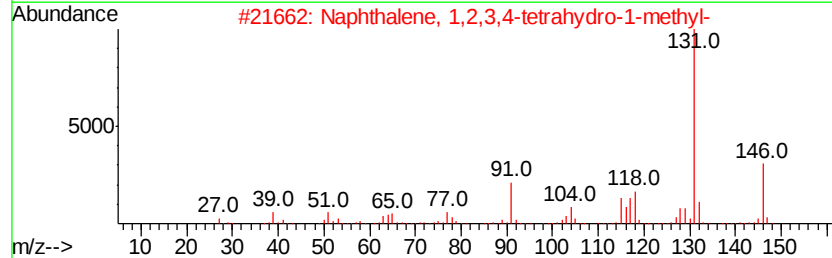
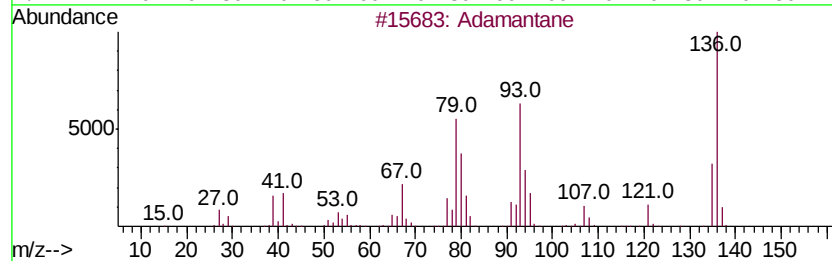
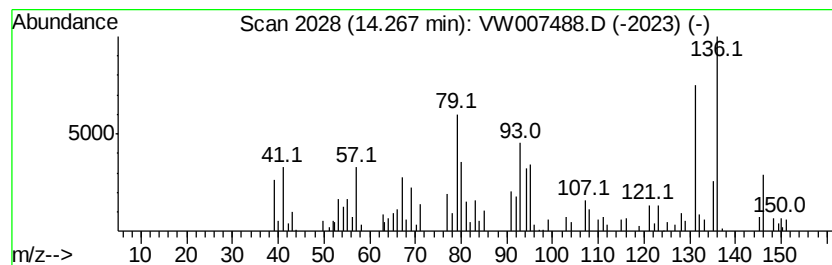
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Quant Title : SW846 8260

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

Peak Number 5 Adamantane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	6.15 ug/l	38883	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane		136	C10H16	000281-23-2	53
2	Naphthalene, 1,2,3,4-tetrahydro-...		146	C11H14	001559-81-5	46
3	2,2-Dimethylindene, 2,3-dihydro-		146	C11H14	020836-11-7	46
4	Benzene, (1,1-dimethyl-2-propenyl)-		146	C11H14	018321-36-3	46
5	1H-Indene, 2,3-dihydro-4,7-dimet...		146	C11H14	006682-71-9	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121618\
Data File : VW007488.D
Acq On : 13 Dec 2018 15:10
Operator : SY/AP
Sample : J6319-09
Misc : 4.24G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
063_SW-E-1

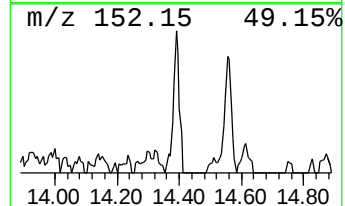
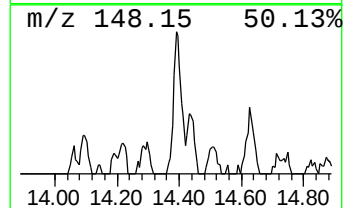
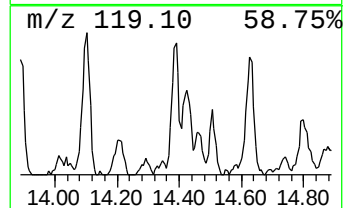
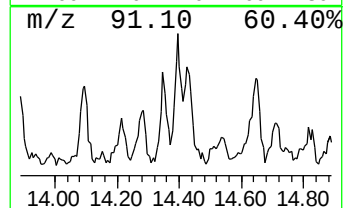
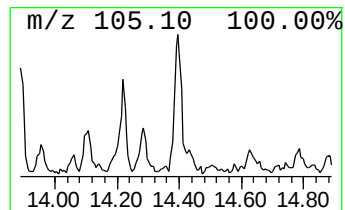
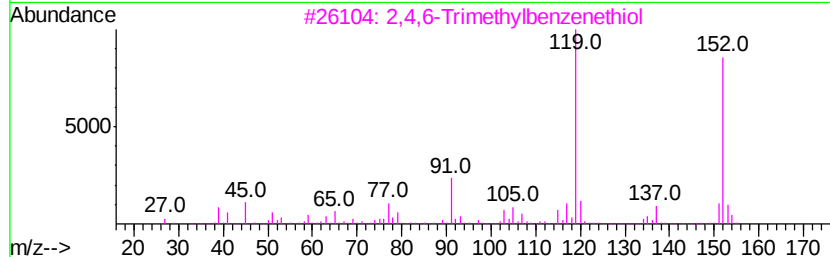
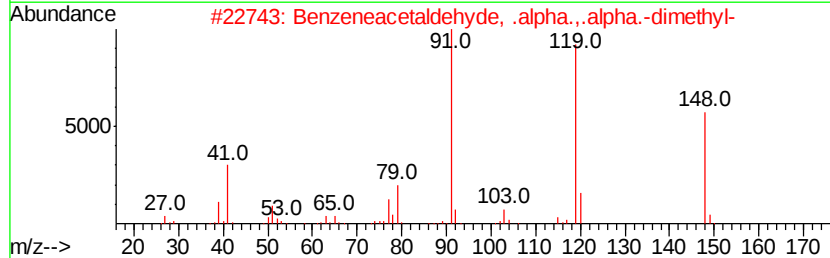
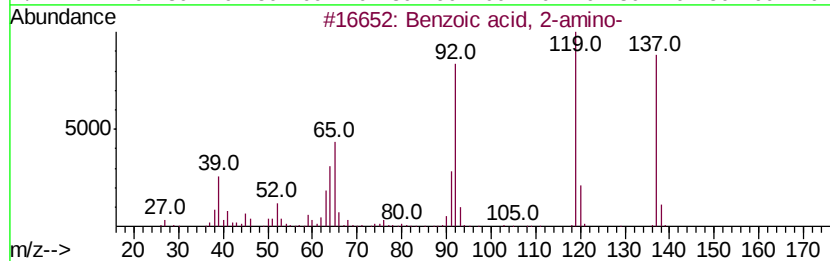
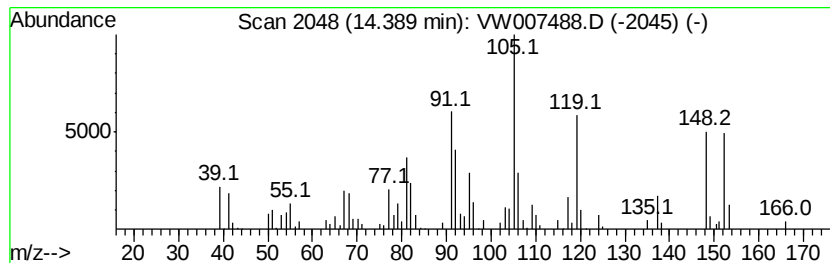
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Quant Title : SW846 8260

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

Peak Number 6 unknown14.39 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	6.75 ug/l	42676	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 2-amino-	137	C7H7NO2	000118-92-3	30
2		Benzeneacetaldehyde, .alpha.,.al...	148	C10H12O	003805-10-5	30
3		2,4,6-Trimethylbenzenethiol	152	C9H12S	001541-10-2	27
4		Benzeneacetaldehyde, .alpha.-ethyl-	148	C10H12O	002439-43-2	27
5		Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121618\
Data File : VW007488.D
Acq On : 13 Dec 2018 15:10
Operator : SY/AP
Sample : J6319-09
Misc : 4.24G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
063_SW-E-1

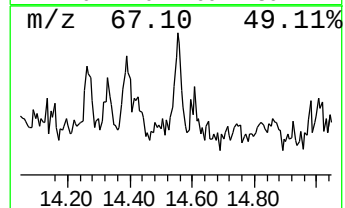
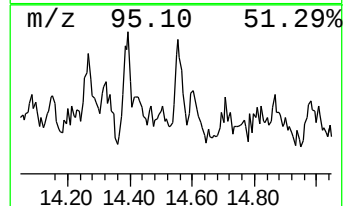
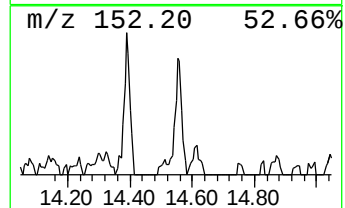
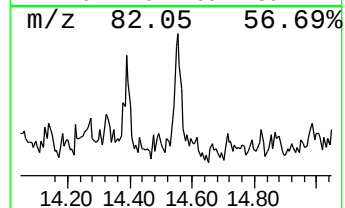
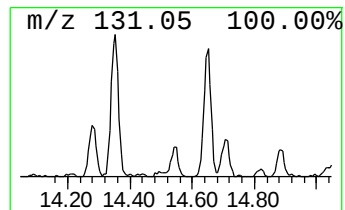
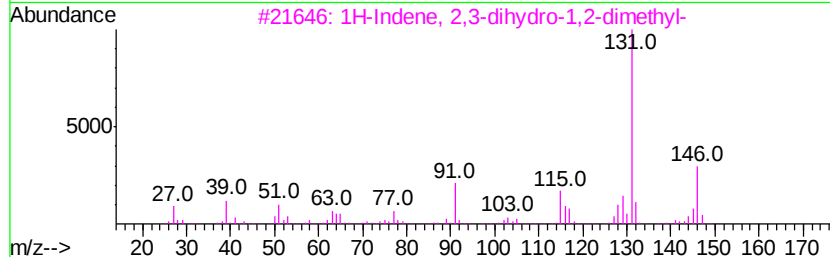
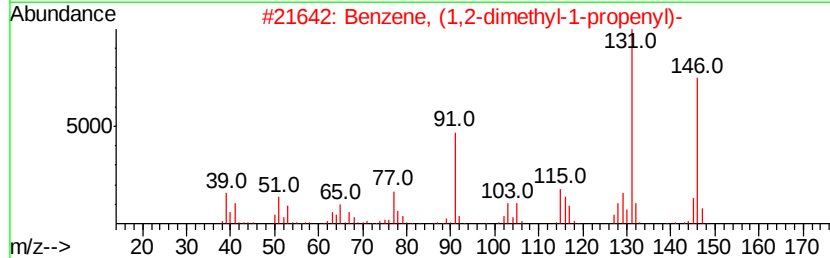
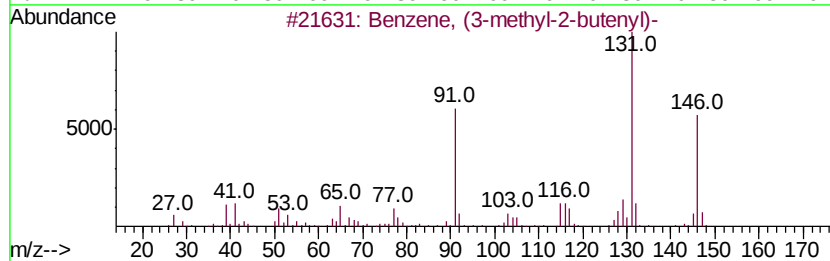
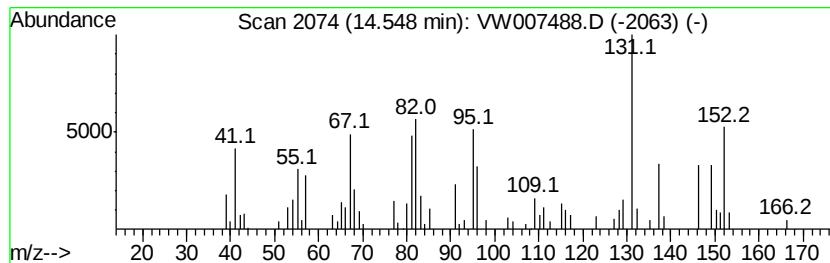
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.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.
14.55	6.55 ug/l	41415	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
2		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	35
3		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	35
4		Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	35
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121618\
Data File : VW007488.D
Acq On : 13 Dec 2018 15:10
Operator : SY/AP
Sample : J6319-09
Misc : 4.24G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

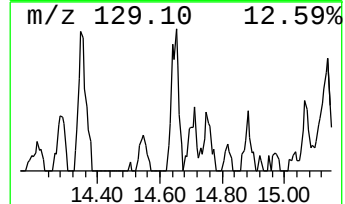
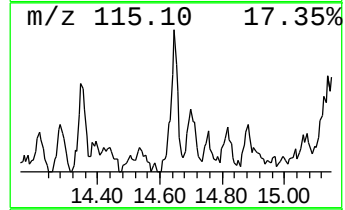
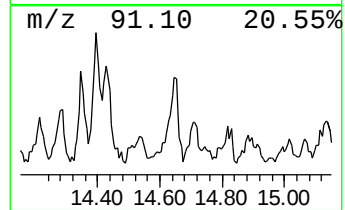
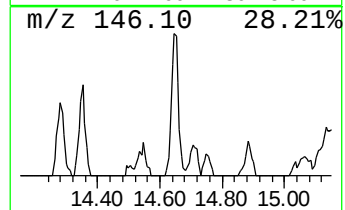
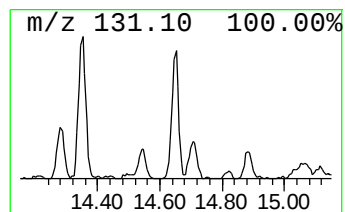
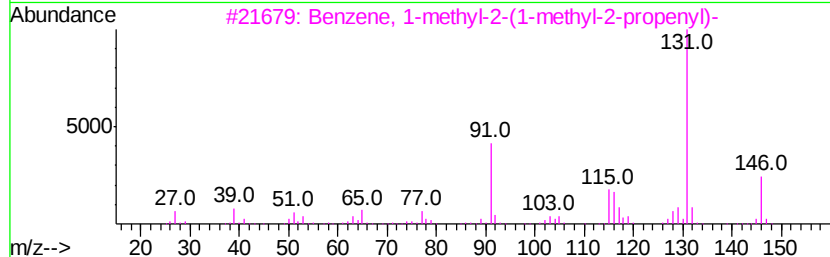
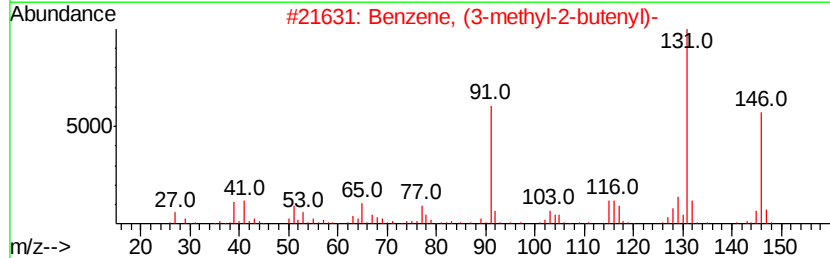
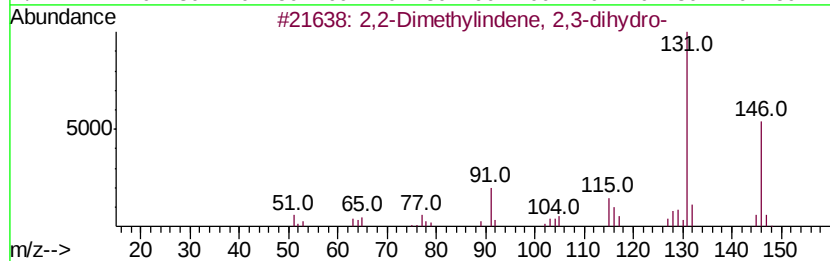
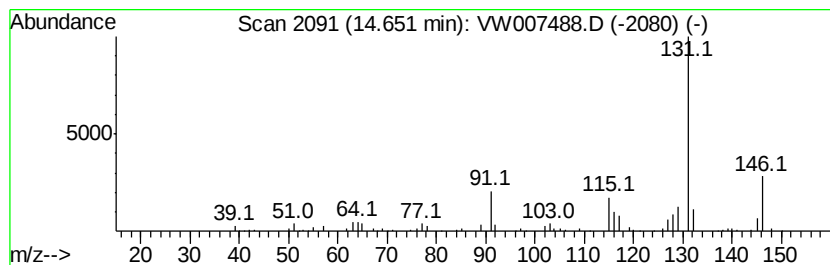
Instrument :
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ClientSampleId :
063_SW-E-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	6.93 ug/l	43833	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146 C11H14	020836-11-7	87
2	Benzene, (3-methyl-2-butenyl)-	146 C11H14	004489-84-3	87
3	Benzene, 1-methyl-2-(1-methyl-2-...	146 C11H14	097664-19-2	87
4	Benzene, (1,1-dimethyl-2-propenyl)-	146 C11H14	018321-36-3	87
5	Naphthalene, 1,2,3,4-tetrahydro-	146 C11H14	001559-81-5	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121618\
Data File : VW007488.D
Acq On : 13 Dec 2018 15:10
Operator : SY/AP
Sample : J6319-09
Misc : 4.24G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

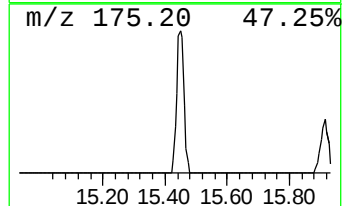
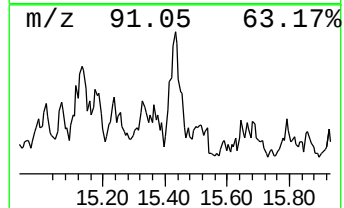
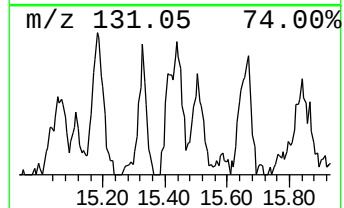
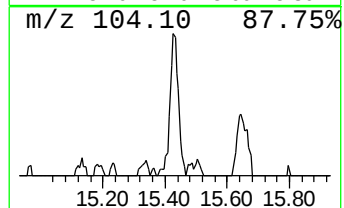
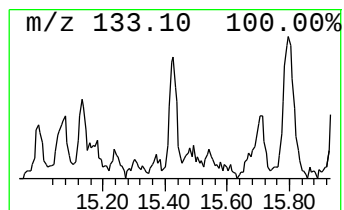
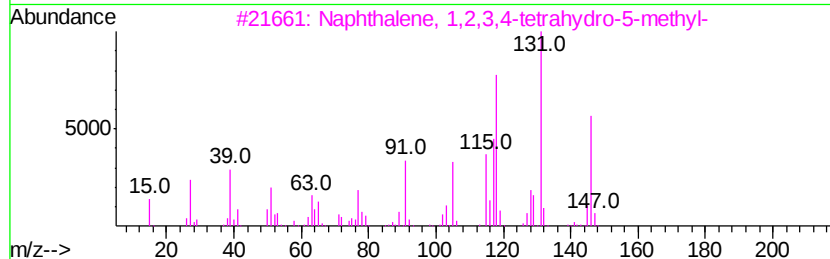
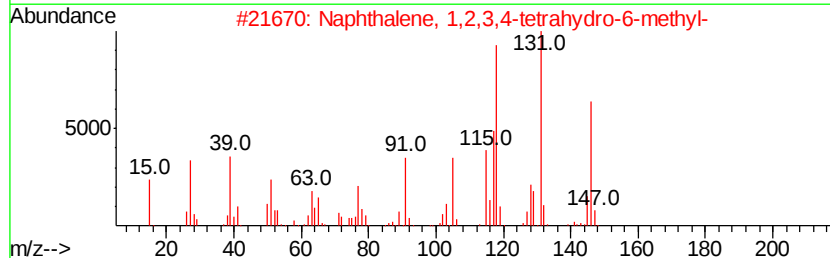
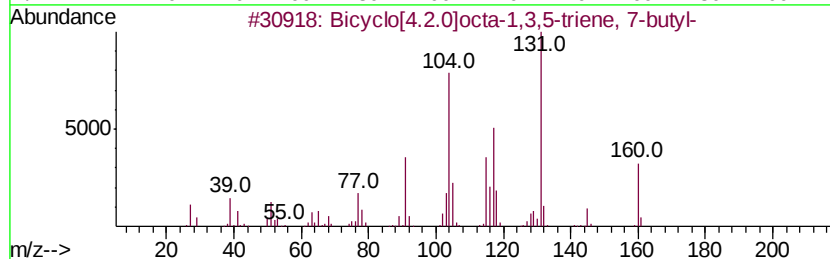
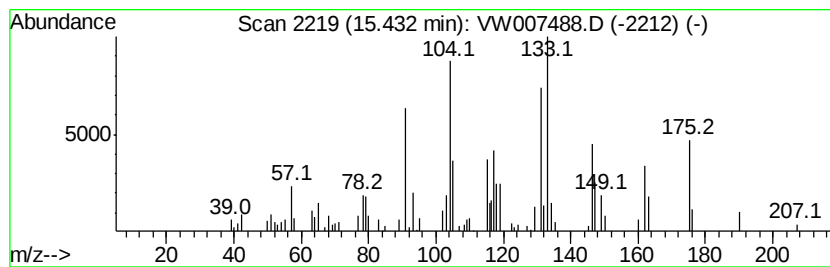
Instrument :
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ClientSampleId :
063_SW-E-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260

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

Peak Number 9 unknown15.43 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.43	6.72 ug/l	42520	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicvclo[4.2.0]octa-1,3,5-triene,...	160	C12H16	078920-29-3	35
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	30
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	25
4	7-Ethylidenebicvclo[4.2.1]nona-2...	146	C11H14	094400-10-9	25
5	.beta.-Benzal-n-butyramide	175	C11H13NO	007236-47-7	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121618\
Data File : VW007488.D
Acq On : 13 Dec 2018 15:10
Operator : SY/AP
Sample : J6319-09
Misc : 4.24G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
063_SW-E-1

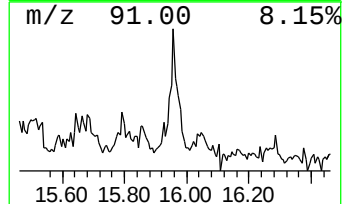
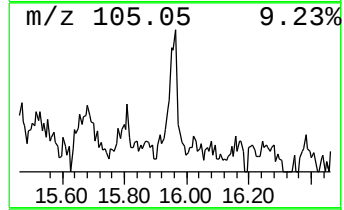
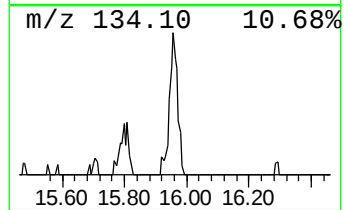
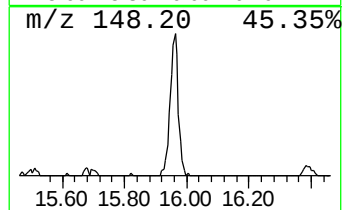
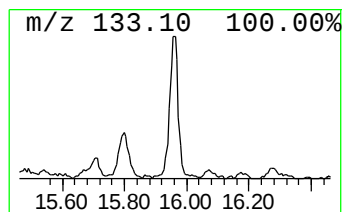
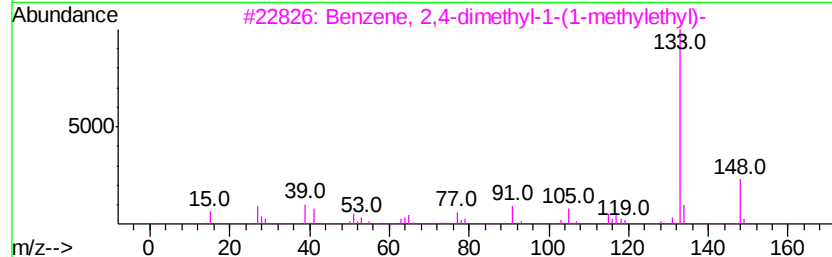
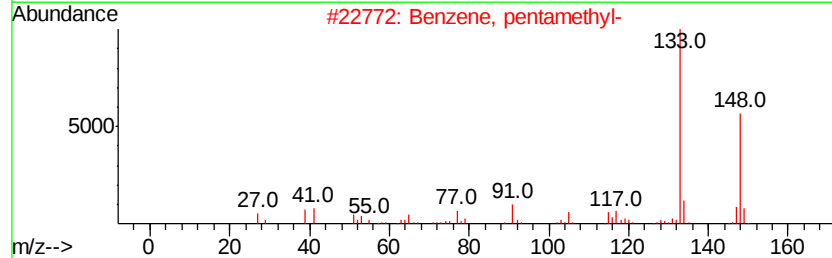
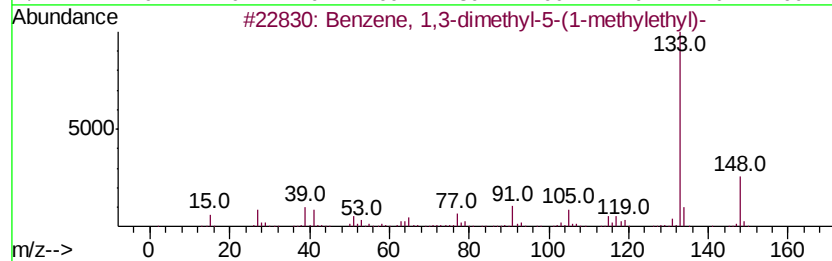
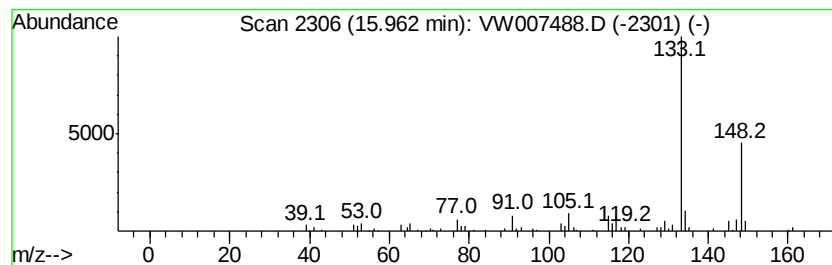
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Quant Title : SW846 8260

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

Peak Number 10 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	5.55 ug/l	35126	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-dimethyl-5-(1-methv...	148	C11H16	004706-90-5	90
2			Benzene, pentamethyl-	148	C11H16	000700-12-9	90
3			Benzene, 2,4-dimethyl-1-(1-methv...	148	C11H16	004706-89-2	86
4			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	83
5			2-tert-Butyltoluene	148	C11H16	001074-92-6	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121618\
Data File : VW007488.D
Acq On : 13 Dec 2018 15:10
Operator : SY/AP
Sample : J6319-09
Misc : 4.24G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.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
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unknown13.19	13.19	5.6	ug/l	35283	4	13.56	316218	50.0
Benzene, 1-ethyl-...	14.10	7.5	ug/l	47143	4	13.56	316218	50.0
Adamantane	14.27	6.2	ug/l	38883	4	13.56	316218	50.0
unknown14.39	14.39	6.8	ug/l	42676	4	13.56	316218	50.0
Benzene, (3-methy...	14.55	6.5	ug/l	41415	4	13.56	316218	50.0
2,2-Dimethylinden...	14.65	6.9	ug/l	43833	4	13.56	316218	50.0
unknown15.43	15.43	6.7	ug/l	42520	4	13.56	316218	50.0
Benzene, 1,3-dime...	15.96	5.5	ug/l	35126	4	13.56	316218	50.0