

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100918\
 Data File : VD060150.D
 Acq On : 9 Oct 2018 14:48
 Operator : VA/AP
 Sample : J5200-05
 Misc : 6.28g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-100818-A

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_D\METHOD\82D100118S.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	3.702	216	221	234	rVB2	52597	163720	2.34%	0.273%
2	4.490	297	301	308	rBV	33679	94000	1.34%	0.157%
3	6.300	477	485	490	rBV	1140591	3027738	43.23%	5.052%
4	6.389	490	494	512	rVB	1497401	3955469	56.47%	6.600%
5	6.763	526	532	543	rBV	908265	2226700	31.79%	3.715%
6	7.422	593	599	617	rBV	1919547	4561084	65.12%	7.610%
7	8.013	652	659	667	rBV2	53061	170826	2.44%	0.285%
8	9.439	797	804	812	rBV	3077751	7004231	100.00%	11.686%
9	9.666	820	827	830	rBV2	40732	132554	1.89%	0.221%
10	9.725	830	833	839	rVB	33451	70681	1.01%	0.118%
11	9.931	847	854	861	rVB2	121603	320699	4.58%	0.535%
12	10.089	865	870	874	rBV	52333	127842	1.83%	0.213%
13	10.178	874	879	887	rVV	93405	273575	3.91%	0.456%
14	10.296	887	891	896	rVV2	29580	78564	1.12%	0.131%
15	10.433	900	905	909	rVB	52812	108288	1.55%	0.181%
16	10.571	914	919	921	rBV	38392	92735	1.32%	0.155%
17	10.620	921	924	928	rBV4	32853	74054	1.06%	0.124%
18	10.689	928	931	934	rVB	109372	198330	2.83%	0.331%
19	10.768	934	939	943	rBV	457119	992343	14.17%	1.656%
20	10.827	943	945	950	rVB3	48134	97373	1.39%	0.162%
21	10.916	950	954	957	rBV	52502	107341	1.53%	0.179%
22	10.965	957	959	962	rBV	48993	76902	1.10%	0.128%
23	11.034	962	966	974	rVB2	162900	357944	5.11%	0.597%
24	11.191	974	982	986	rBV5	27717	117206	1.67%	0.196%
25	11.270	986	990	995	rBV	3018096	4687091	66.92%	7.820%
26	11.358	995	999	1003	rVB2	53451	148185	2.12%	0.247%
27	11.437	1003	1007	1011	rVB2	107624	224936	3.21%	0.375%
28	11.526	1011	1016	1019	rBV4	129480	403722	5.76%	0.674%
29	11.585	1019	1022	1025	rVB	272590	416793	5.95%	0.695%
30	11.634	1025	1027	1033	rVB	134896	218127	3.11%	0.364%
31	11.732	1033	1037	1041	rBV2	61605	137297	1.96%	0.229%
32	11.880	1047	1052	1055	rBV3	279800	670915	9.58%	1.119%
33	11.969	1058	1061	1064	rVB3	70686	134801	1.92%	0.225%
34	12.087	1067	1073	1077	rBV4	293823	781490	11.16%	1.304%

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35	12.175	1077	1082	1089	rVB4	256013	765017	10.92%	1.276%
36	12.264	1089	1091	1094	rVB2	105609	160955	2.30%	0.269%
37	12.333	1094	1098	1103	rBV2	174587	389772	5.56%	0.650%
38	12.421	1103	1107	1110	rBV	2832236	4342234	61.99%	7.245%
39	12.470	1110	1112	1115	rVB2	120613	165363	2.36%	0.276%
40	12.569	1115	1122	1127	rBV3	655191	1201629	17.16%	2.005%
41	12.677	1129	1133	1137	rBV3	149117	371253	5.30%	0.619%
42	12.746	1137	1140	1142	rBV3	219525	485014	6.92%	0.809%
43	12.815	1145	1147	1150	rVB	217754	363159	5.18%	0.606%
44	12.884	1150	1154	1156	rBV2	96405	190592	2.72%	0.318%
45	12.953	1158	1161	1162	rBV3	108528	204043	2.91%	0.340%
46	13.041	1168	1170	1173	rVB2	240830	305675	4.36%	0.510%
47	13.100	1173	1176	1181	rVB3	133048	279548	3.99%	0.466%
48	13.209	1184	1187	1192	rVV4	182355	415616	5.93%	0.693%
49	13.277	1192	1194	1200	rVV3	306966	599769	8.56%	1.001%
50	13.366	1200	1203	1205	rVV	3017858	4155550	59.33%	6.933%
51	13.405	1205	1207	1211	rVV	1121423	1463279	20.89%	2.441%
52	13.494	1211	1216	1219	rVB3	192534	410173	5.86%	0.684%
53	13.553	1219	1222	1226	rVB	401956	719531	10.27%	1.201%
54	13.612	1226	1228	1230	rBV2	110146	181682	2.59%	0.303%
55	13.651	1230	1232	1234	rVV3	313416	501498	7.16%	0.837%
56	13.691	1234	1236	1238	rVV	255595	348148	4.97%	0.581%
57	13.720	1238	1239	1241	rVV2	100923	147212	2.10%	0.246%
58	13.779	1243	1245	1250	rVV4	115409	253612	3.62%	0.423%
59	13.858	1250	1253	1254	rVV2	104792	191042	2.73%	0.319%
60	13.897	1254	1257	1259	rVV	456941	663447	9.47%	1.107%
61	13.937	1259	1261	1263	rVV2	106284	187227	2.67%	0.312%
62	13.976	1263	1265	1270	rVV2	582609	1009367	14.41%	1.684%
63	14.055	1270	1273	1276	rVV3	103210	247475	3.53%	0.413%
64	14.104	1276	1278	1281	rVV	386260	619362	8.84%	1.033%
65	14.153	1281	1283	1284	rVV	123268	167383	2.39%	0.279%
66	14.183	1284	1286	1288	rVV	282422	357024	5.10%	0.596%
67	14.261	1292	1294	1297	rVV2	221012	340148	4.86%	0.568%
68	14.321	1297	1300	1302	rVV3	94507	177124	2.53%	0.296%
69	14.370	1302	1305	1307	rVV2	174270	311122	4.44%	0.519%
70	14.409	1307	1309	1313	rVV2	90744	175022	2.50%	0.292%
71	14.478	1313	1316	1317	rVV2	135876	249144	3.56%	0.416%

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72	14.508	1317	1319	1324	rVV	795483	1122602	16.03%	1.873%
73	14.567	1324	1325	1328	rVV2	99117	150026	2.14%	0.250%
74	14.635	1328	1332	1335	rVV2	291411	479902	6.85%	0.801%
75	14.704	1335	1339	1340	rVV4	39569	95051	1.36%	0.159%
76	14.744	1340	1343	1344	rVV2	160364	261659	3.74%	0.437%
77	14.832	1347	1352	1354	rVV3	205927	436701	6.23%	0.729%
78	14.881	1354	1357	1361	rVV5	61299	186169	2.66%	0.311%
79	14.960	1361	1365	1369	rVV2	174877	351401	5.02%	0.586%
80	15.059	1372	1375	1377	rVV3	112933	204818	2.92%	0.342%
81	15.098	1377	1379	1380	rVV	67695	82344	1.18%	0.137%
82	15.137	1380	1383	1386	rVV5	47778	108485	1.55%	0.181%
83	15.196	1386	1389	1392	rVV2	50324	78295	1.12%	0.131%
84	15.314	1397	1401	1402	rVV3	80951	137439	1.96%	0.229%
85	15.344	1402	1404	1408	rVV	99319	144060	2.06%	0.240%
86	15.413	1408	1411	1414	rVV3	40731	70840	1.01%	0.118%
87	15.462	1414	1416	1419	rVV	49558	78173	1.12%	0.130%
88	15.570	1423	1427	1429	rVB	69291	94926	1.36%	0.158%
89	15.757	1443	1446	1449	rVB	113522	151460	2.16%	0.253%
90	15.895	1457	1460	1463	rBV	245258	332675	4.75%	0.555%

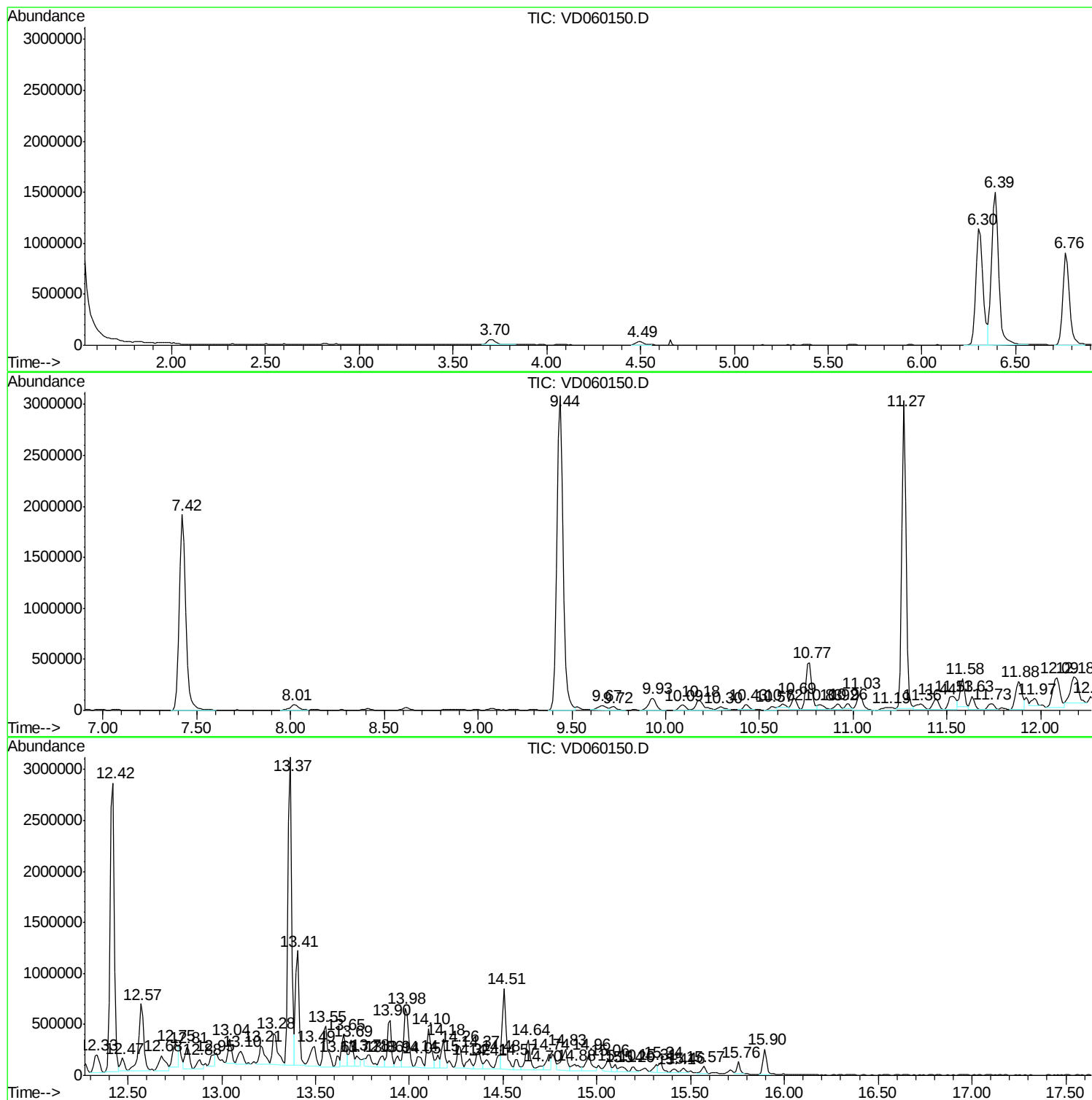
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260

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



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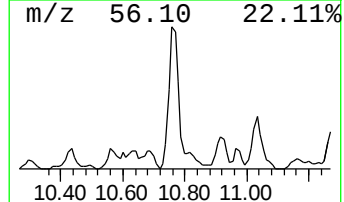
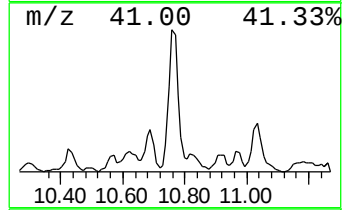
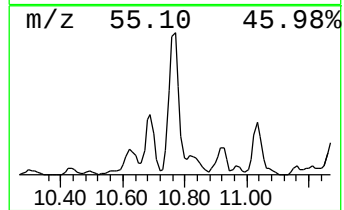
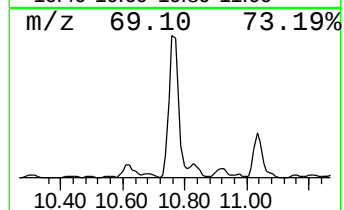
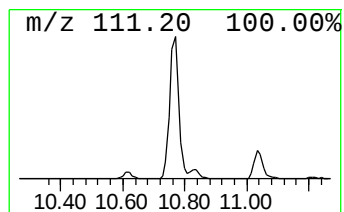
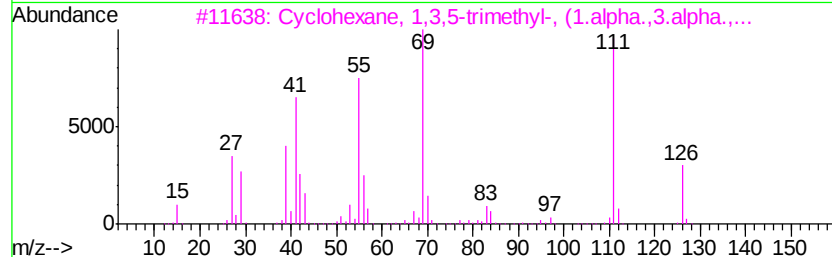
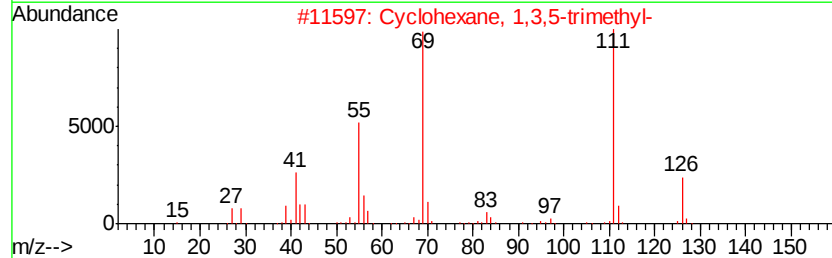
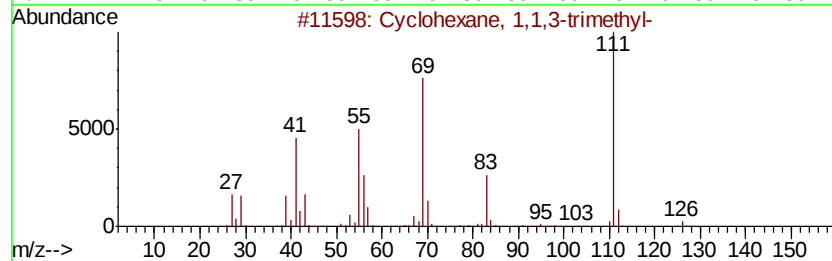
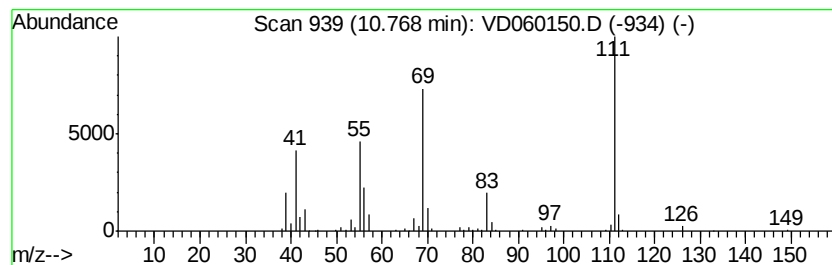
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	10.59 ug/l	992343	Chlorobenzene-d5	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	97
2		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72
3		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	72
4		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	64
5		Cyclopentane, 1,1,3-trimethyl-3-...	166	C12H22	074421-09-3	59



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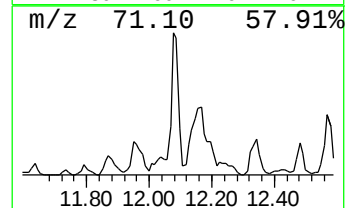
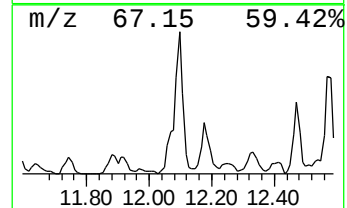
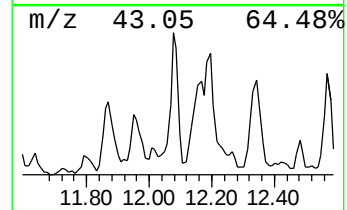
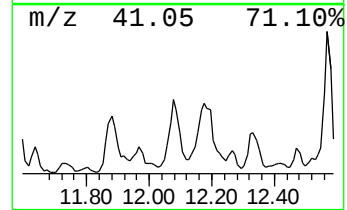
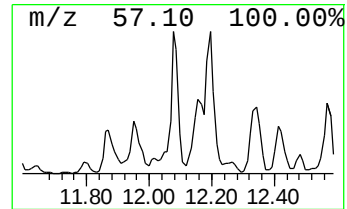
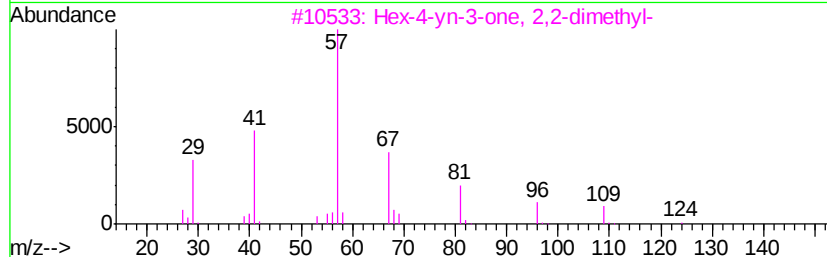
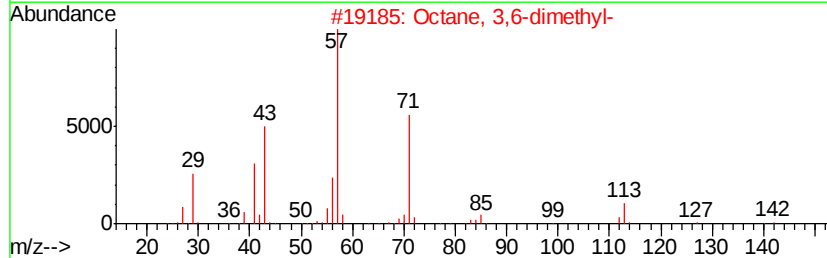
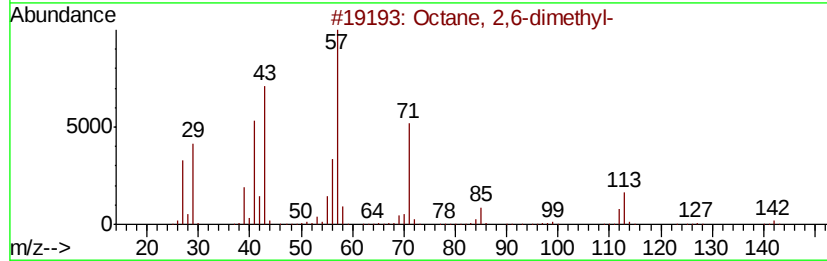
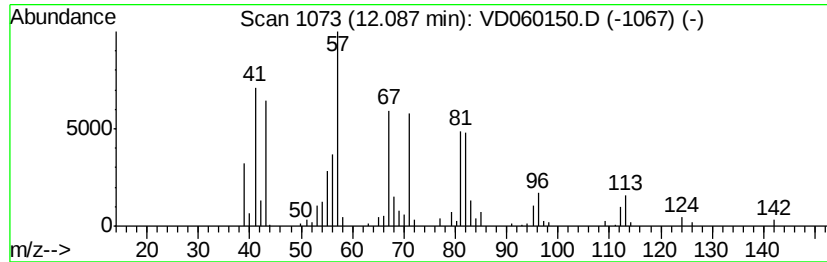
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260

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

Peak Number 2 Octane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	8.34 ug/l	781490	Chlorobenzene-d5	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	46
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	41
3		Hex-4-yn-3-one, 2,2-dimethyl-	124	C8H12O	071932-99-5	30
4		3,4-Nonadiene	124	C9H16	037050-03-6	27
5		3-Hexyne	82	C6H10	000928-49-4	27



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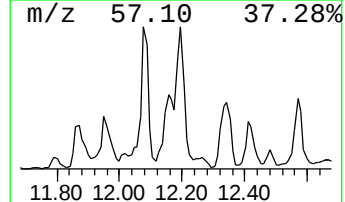
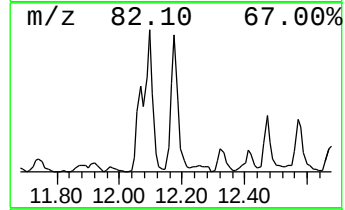
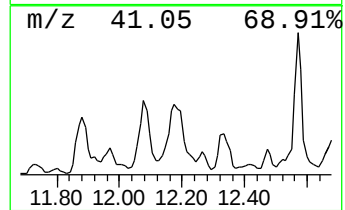
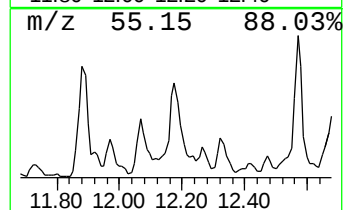
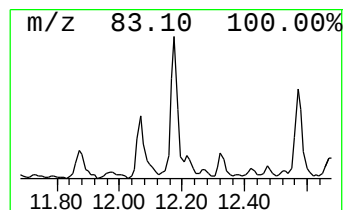
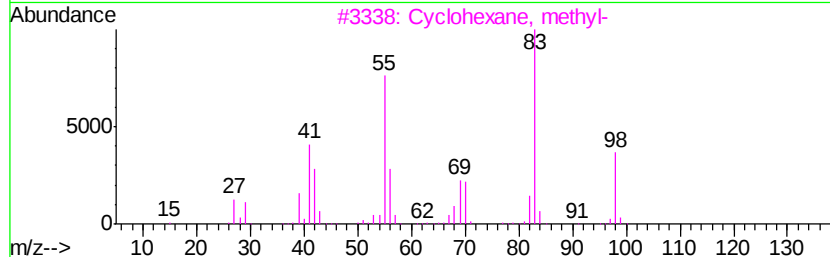
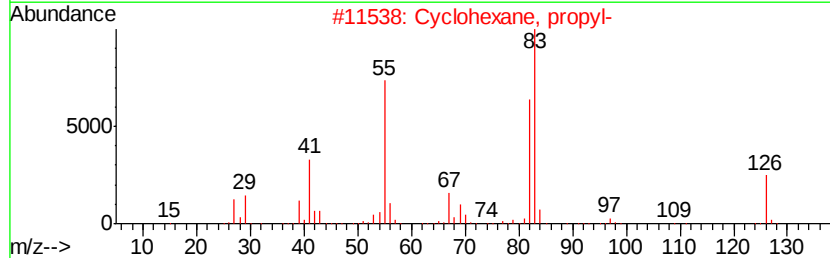
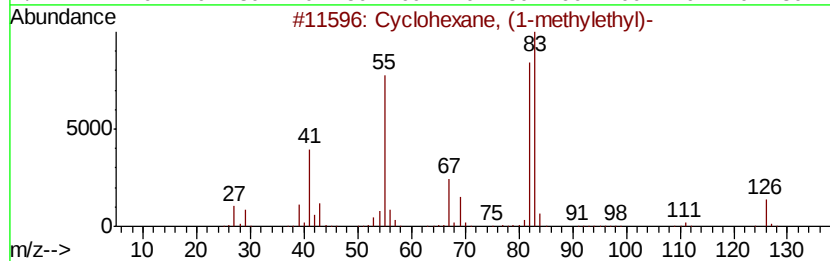
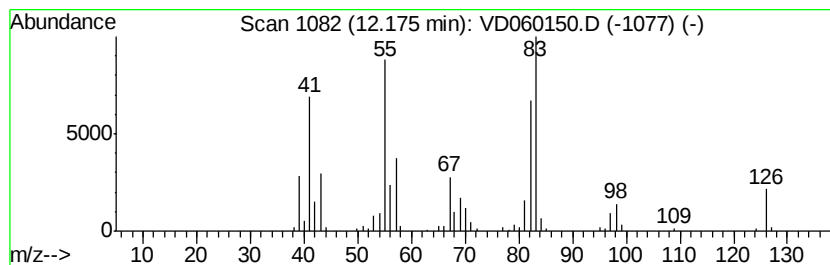
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Cyclohexane, (1-methylethyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	8.16 ug/l	765017	Chlorobenzene-d5	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	93
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	74
3		Cyclohexane, methyl-	98	C7H14	000108-87-2	52
4		Cyclohexanone, 3-ethyl-	126	C8H14O	022461-89-8	49
5		2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	46



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Sample : J5200-05
Misc : 6.28g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OR-03-100818-A

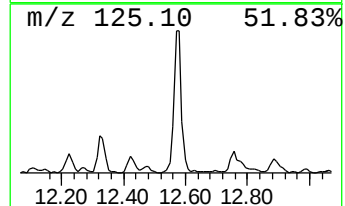
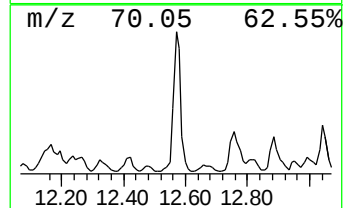
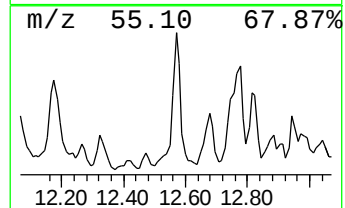
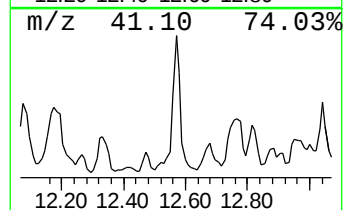
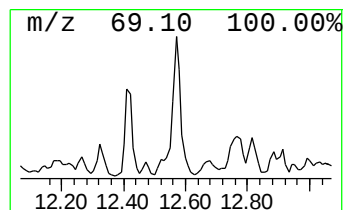
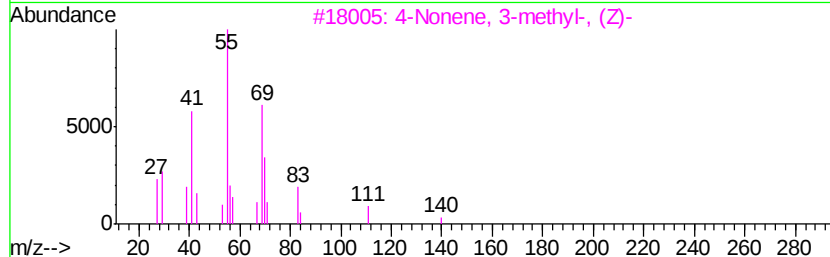
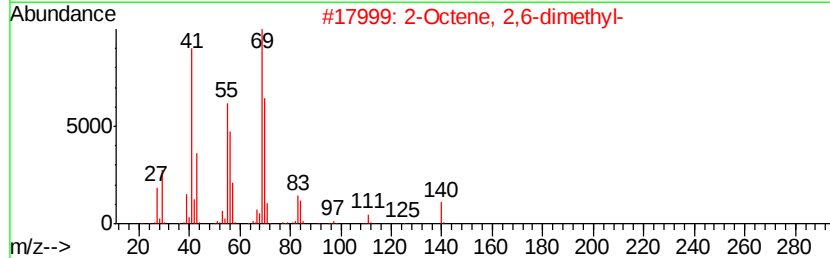
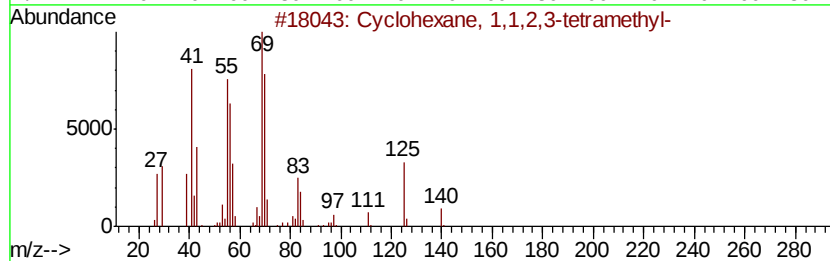
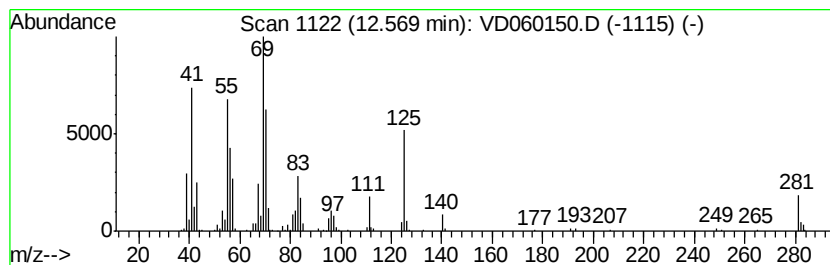
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Quant Title : SW846 8260

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

Peak Number 4 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	14.46 ug/l	1201630	1,4-Dichlorobenzene-d4	13.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	76
2		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	70
3		4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	68
4		4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	68
5		Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100918\
Data File : VD060150.D
Acq On : 9 Oct 2018 14:48
Operator : VA/AP
Sample : J5200-05
Misc : 6.28g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OR-03-100818-A

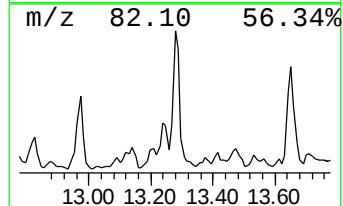
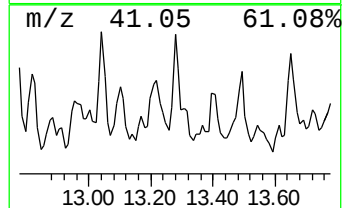
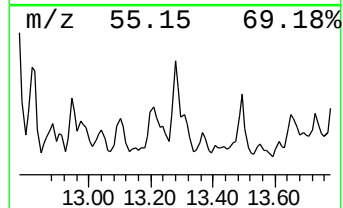
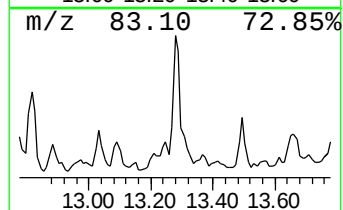
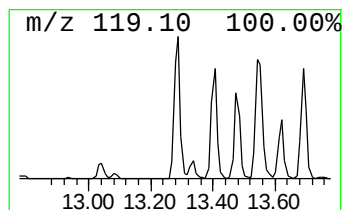
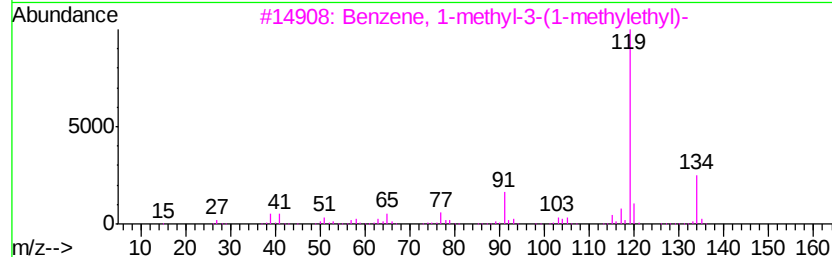
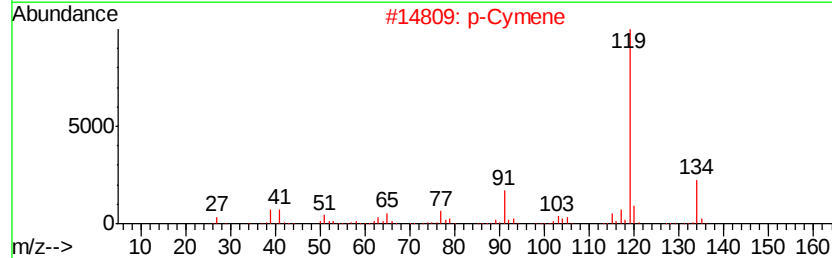
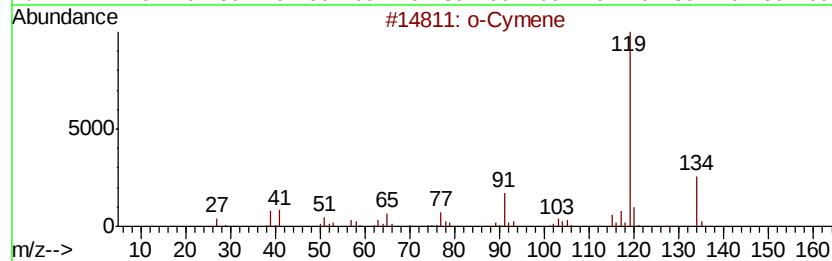
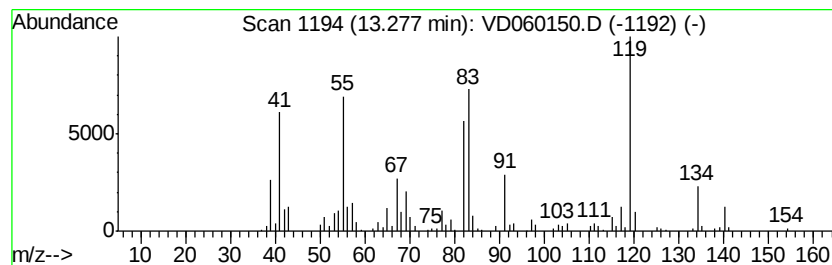
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Quant Title : SW846 8260

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

Peak Number 5 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	7.22 ug/l	599769	1,4-Dichlorobenzene-d4	13.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	86
2		p-Cymene	134	C10H14	000099-87-6	86
3		Benzene, 1-methyl-3-(1-methylethyl-)	134	C10H14	000535-77-3	86
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	46
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100918\
Data File : VD060150.D
Acq On : 9 Oct 2018 14:48
Operator : VA/AP
Sample : J5200-05
Misc : 6.28g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

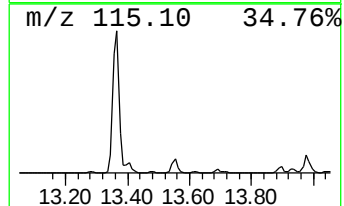
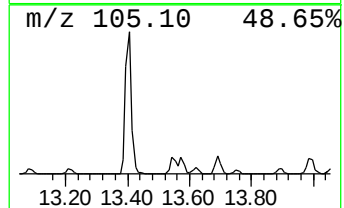
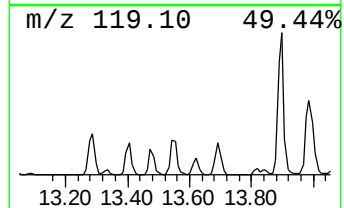
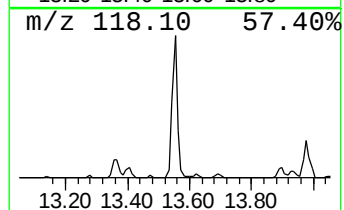
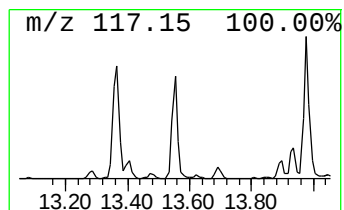
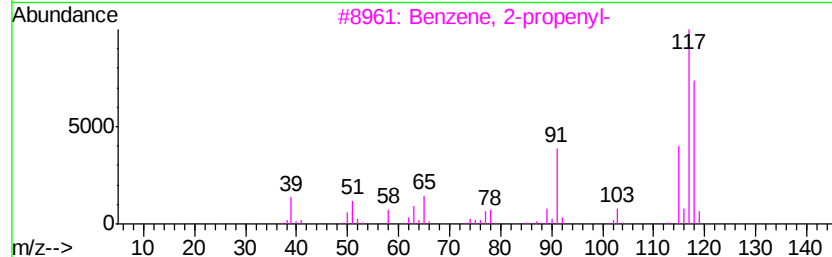
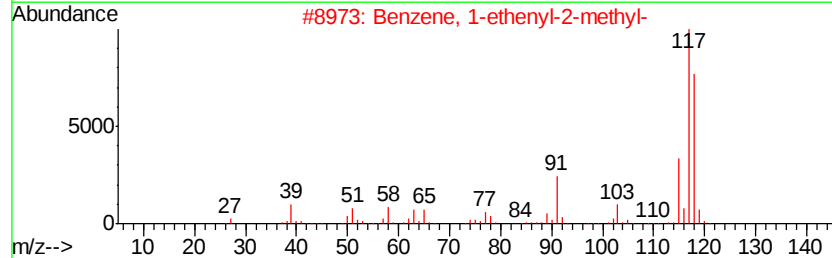
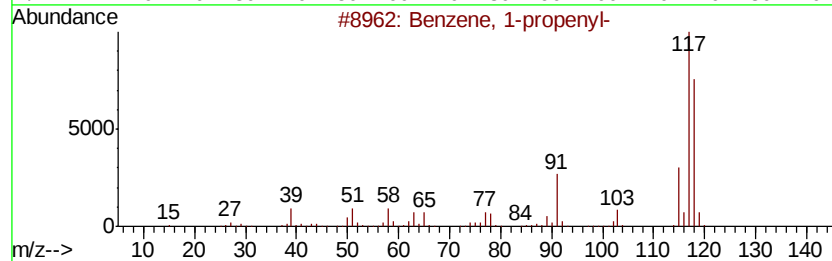
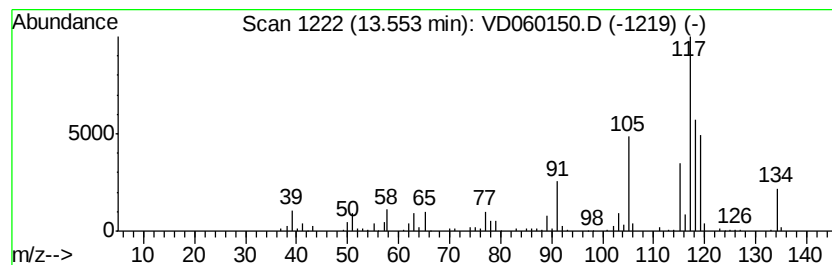
Instrument :
MSVOA_D
ClientSampleId :
OR-03-100818-A

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1-propenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.55	8.66 ug/l	719531	1,4-Dichlorobenzene-d4	13.37	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	91
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	90
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	78
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	60
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100918\
Data File : VD060150.D
Acq On : 9 Oct 2018 14:48
Operator : VA/AP
Sample : J5200-05
Misc : 6.28g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OR-03-100818-A

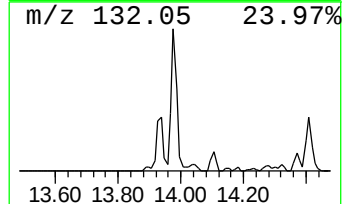
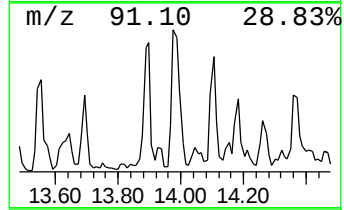
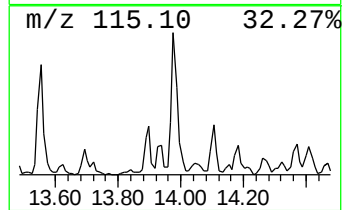
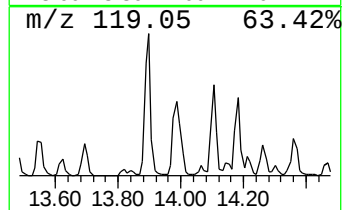
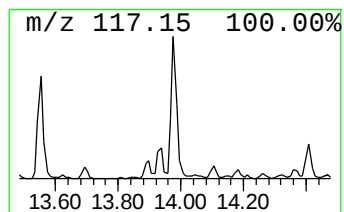
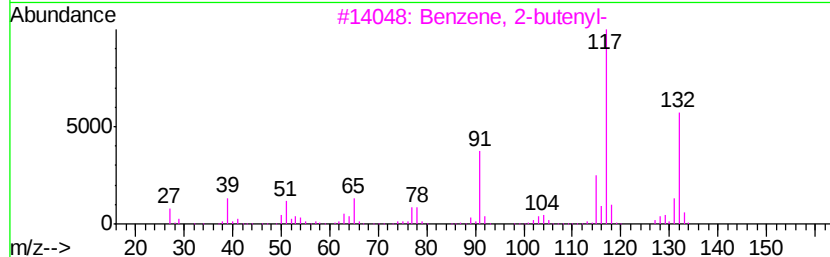
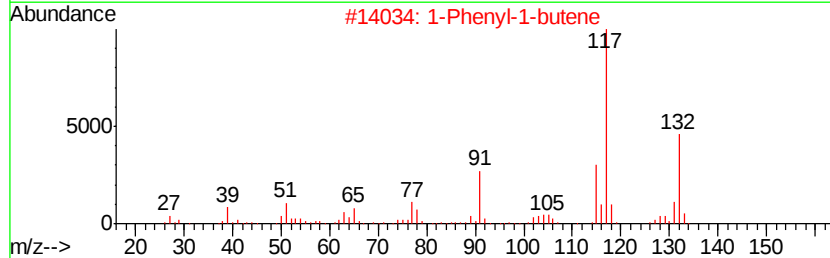
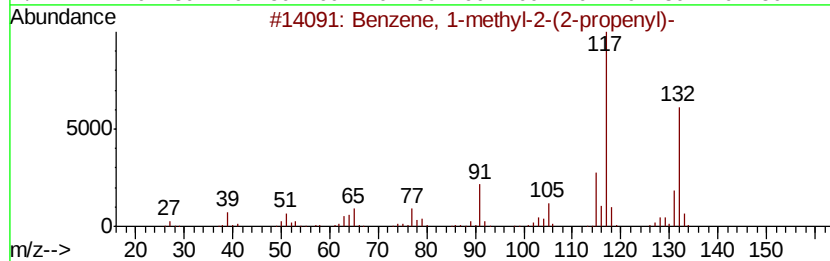
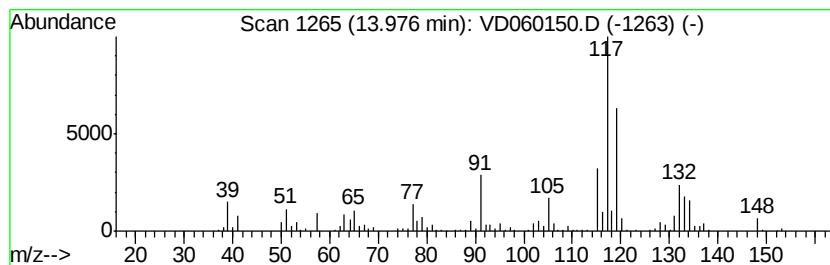
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1-methyl-2-(2-prop... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	12.14 ug/l	1009370	1,4-Dichlorobenzene-d4	13.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
2		1-Phenyl-1-butene	132	C10H12	000824-90-8	64
3		Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
4		1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	64
5		3-Phenylbut-1-ene	132	C10H12	000934-10-1	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100918\
Data File : VD060150.D
Acq On : 9 Oct 2018 14:48
Operator : VA/AP
Sample : J5200-05
Misc : 6.28g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OR-03-100818-A

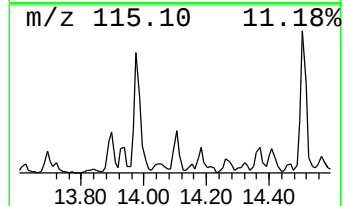
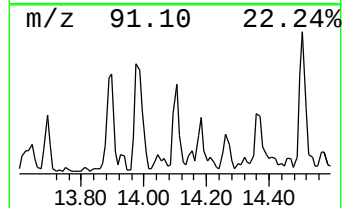
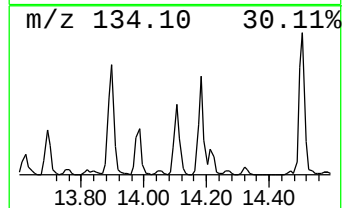
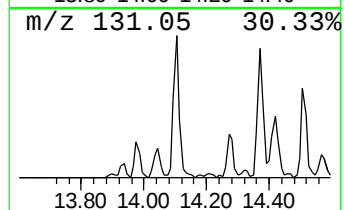
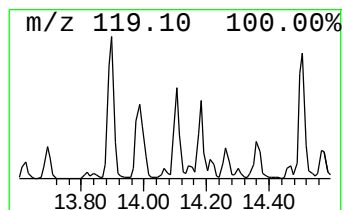
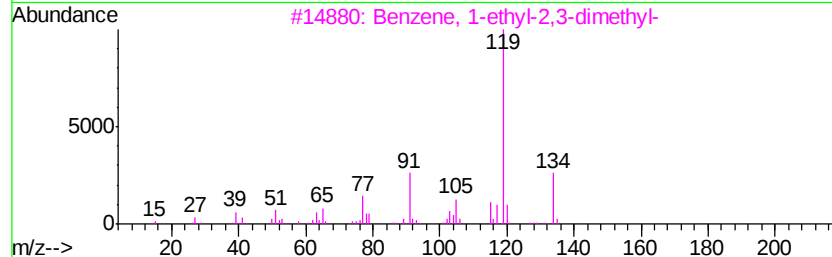
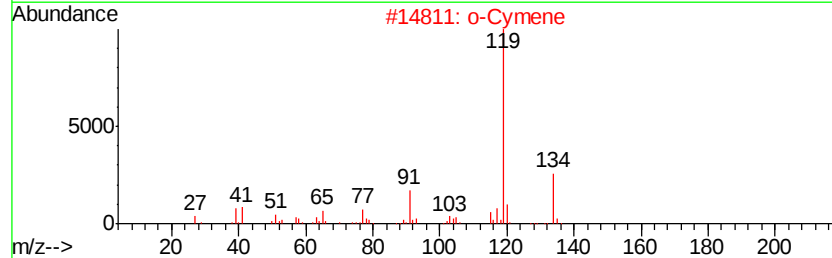
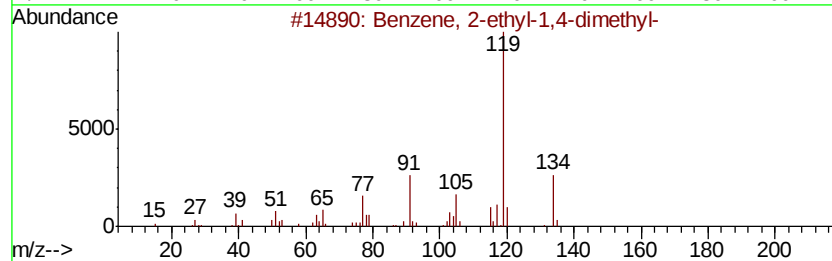
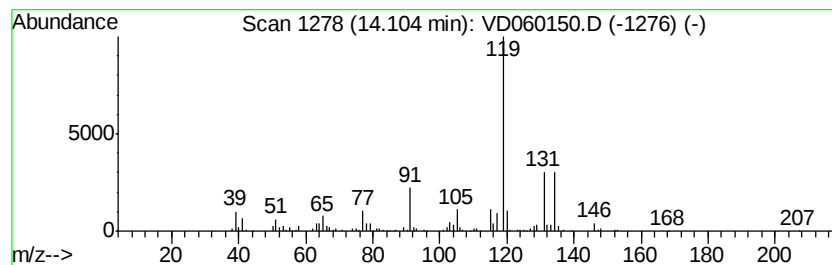
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Quant Title : SW846 8260

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

Peak Number 9 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	7.45 ug/l	619362	1,4-Dichlorobenzene-d4	13.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2		o-Cymene	134	C10H14	000527-84-4	94
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	81
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100918\
Data File : VD060150.D
Acq On : 9 Oct 2018 14:48
Operator : VA/AP
Sample : J5200-05
Misc : 6.28g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OR-03-100818-A

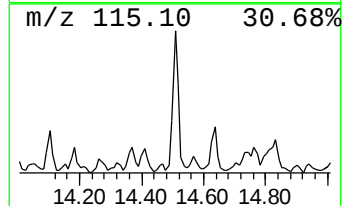
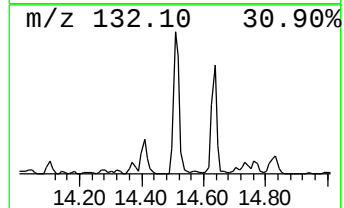
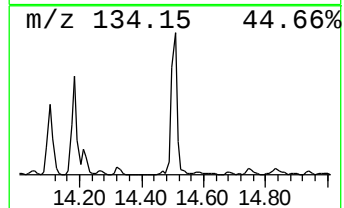
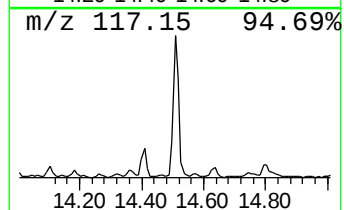
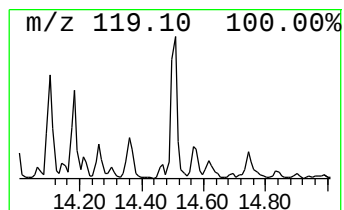
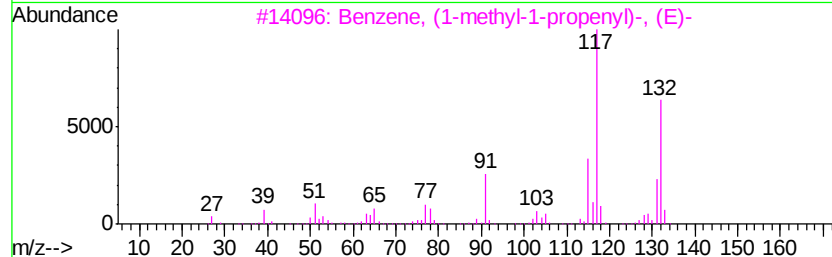
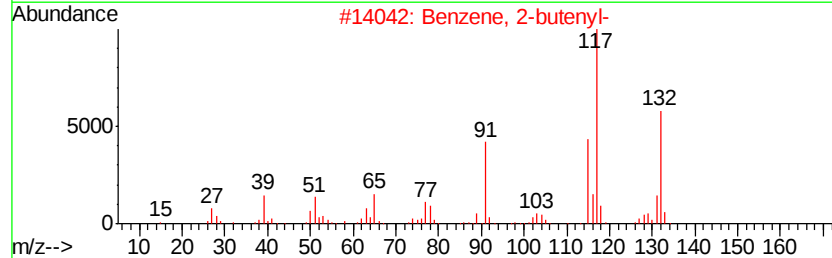
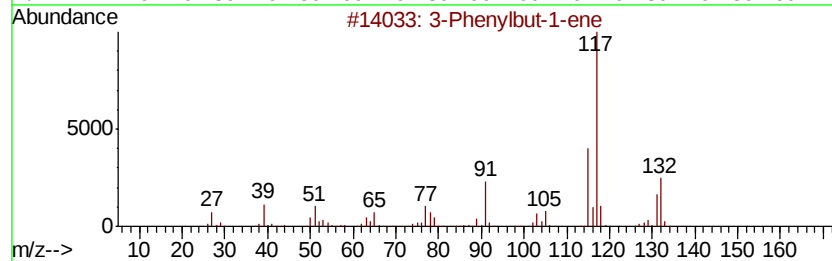
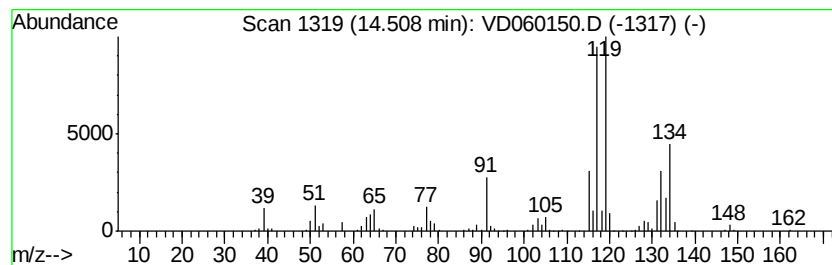
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260

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

Peak Number 10 3-Phenylbut-1-ene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	13.51 ug/l	1122600	1,4-Dichlorobenzene-d4	13.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	86
2		Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
3		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	64
4		o-Cymene	134	C10H14	000527-84-4	50
5		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	50



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100918\
Data File : VD060150.D
Acq On : 9 Oct 2018 14:48
Operator : VA/AP
Sample : J5200-05
Misc : 6.28g/5ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OR-03-100818-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.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, 1,1,...	10.77	10.6	ug/l	992343	3	11.27	4687090	50.0
Octane, 2,6-dimet...	12.09	8.3	ug/l	781490	3	11.27	4687090	50.0
Cyclohexane, (1-m...	12.18	8.2	ug/l	765017	3	11.27	4687090	50.0
Cyclohexane, 1,1,...	12.57	14.5	ug/l	1201630	4	13.37	4155550	50.0
o-Cymene	13.28	7.2	ug/l	599769	4	13.37	4155550	50.0
Benzene, 1-propenyl-	13.55	8.7	ug/l	719531	4	13.37	4155550	50.0
Benzene, 1-methyl...	13.98	12.1	ug/l	1009370	4	13.37	4155550	50.0
Benzene, 2-ethyl-...	14.10	7.5	ug/l	619362	4	13.37	4155550	50.0
3-Phenylbut-1-ene	14.51	13.5	ug/l	1122600	4	13.37	4155550	50.0