

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082118\
 Data File : VD059867.D
 Acq On : 21 Aug 2018 20:37
 Operator : JC/SY
 Sample : J4559-06
 Misc : 5.05g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081718-SSW-115-050

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\82D082018S.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	1.198	95	99	102	rBV	1146280	2480275	53.59%	2.693%
2	1.257	102	105	124	rVV	1063262	3220296	69.59%	3.496%
3	4.790	452	464	477	rBV	61859	215056	4.65%	0.233%
4	5.509	531	537	542	rBV	578702	1565474	33.83%	1.700%
5	5.597	542	546	562	rVV	605034	1889307	40.82%	2.051%
6	5.804	562	567	579	rVV	86358	282038	6.09%	0.306%
7	5.981	579	585	594	rVV	437904	1119905	24.20%	1.216%
8	6.109	594	598	603	rVV	37498	113257	2.45%	0.123%
9	6.463	629	634	645	rBV	59077	145692	3.15%	0.158%
10	6.650	647	653	672	rVV	937755	2322252	50.18%	2.521%
11	7.241	704	713	716	rBV3	37706	155455	3.36%	0.169%
12	7.359	722	725	731	rVB	52264	133877	2.89%	0.145%
13	8.087	790	799	807	rBV	36022	139921	3.02%	0.152%
14	8.431	828	834	840	rVB3	28910	106908	2.31%	0.116%
15	8.677	853	859	874	rVB	1014430	2508606	54.21%	2.724%
16	9.169	903	909	916	rBV2	66920	177678	3.84%	0.193%
17	9.445	930	937	945	rBV2	127630	467426	10.10%	0.507%
18	9.563	945	949	954	rVV2	59042	173218	3.74%	0.188%
19	9.711	954	964	974	rVB2	131966	431407	9.32%	0.468%
20	9.868	974	980	988	rBV	130097	476222	10.29%	0.517%
21	9.996	989	993	998	rVB	98852	234269	5.06%	0.254%
22	10.085	998	1002	1007	rBV2	124061	307579	6.65%	0.334%
23	10.340	1024	1028	1031	rBV	77170	157756	3.41%	0.171%
24	10.400	1031	1034	1038	rVV	138276	283909	6.13%	0.308%
25	10.606	1050	1055	1057	rBV3	63279	158939	3.43%	0.173%
26	10.665	1057	1061	1065	rVB	843350	1567122	33.86%	1.701%
27	10.764	1065	1071	1075	rVB4	43288	126210	2.73%	0.137%
28	10.833	1075	1078	1085	rVB	228580	521740	11.27%	0.566%
29	10.980	1085	1093	1100	rBV	1834267	4059131	87.71%	4.407%
30	11.079	1100	1103	1109	rVB	183645	330648	7.14%	0.359%
31	11.177	1109	1113	1118	rBV2	121349	222960	4.82%	0.242%
32	11.334	1125	1129	1132	rBV3	327504	790625	17.08%	0.858%
33	11.384	1132	1134	1137	rVV	289244	417330	9.02%	0.453%
34	11.433	1137	1139	1143	rVV	151758	259865	5.62%	0.282%

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35	11.531	1147	1149	1150	rVV2	130938	189448	4.09%	0.206%
36	11.571	1150	1153	1156	rVV	890287	1411819	30.51%	1.533%
37	11.679	1156	1164	1168	rVV2	967789	2661223	57.50%	2.889%
38	11.748	1168	1171	1175	rVB3	319985	720693	15.57%	0.782%
39	11.817	1175	1178	1179	rBV	262744	438098	9.47%	0.476%
40	11.846	1179	1181	1184	rVV	340438	600569	12.98%	0.652%
41	11.915	1184	1188	1191	rVV	970949	1701338	36.76%	1.847%
42	12.033	1197	1200	1201	rVV	204003	388655	8.40%	0.422%
43	12.063	1201	1203	1211	rVB3	1059808	2060071	44.51%	2.237%
44	12.181	1211	1215	1219	rBV3	406855	1068341	23.09%	1.160%
45	12.250	1219	1222	1223	rVV	545812	910534	19.68%	0.989%
46	12.289	1223	1226	1228	rVV3	771370	1756956	37.96%	1.908%
47	12.338	1228	1231	1234	rVV2	865016	1678304	36.27%	1.822%
48	12.387	1234	1236	1238	rVV3	276862	480456	10.38%	0.522%
49	12.437	1238	1241	1242	rVV2	221926	439566	9.50%	0.477%
50	12.486	1242	1246	1249	rVV3	511681	1335798	28.86%	1.450%
51	12.545	1249	1252	1253	rVV2	480292	846673	18.30%	0.919%
52	12.584	1253	1256	1260	rVV2	2182343	4627848	100.00%	5.024%
53	12.633	1260	1261	1266	rVV2	620840	1101431	23.80%	1.196%
54	12.712	1266	1269	1270	rVV	589520	1077862	23.29%	1.170%
55	12.751	1270	1273	1277	rVV4	1159478	2926101	63.23%	3.177%
56	12.811	1277	1279	1285	rVV3	1152479	3034072	65.56%	3.294%
57	12.899	1285	1288	1290	rVV2	885584	1976969	42.72%	2.146%
58	12.938	1290	1292	1293	rVV2	479673	733752	15.86%	0.797%
59	12.968	1293	1295	1297	rVV	618660	1010795	21.84%	1.097%
60	13.007	1297	1299	1303	rVV3	761599	1583988	34.23%	1.720%
61	13.076	1303	1306	1311	rVV2	662549	1766139	38.16%	1.917%
62	13.175	1311	1316	1320	rVV5	957748	2730877	59.01%	2.965%
63	13.224	1320	1321	1323	rVV2	436643	765675	16.54%	0.831%
64	13.273	1324	1326	1329	rVV2	851524	1980160	42.79%	2.150%
65	13.322	1329	1331	1333	rVV2	872732	1346651	29.10%	1.462%
66	13.431	1333	1342	1344	rVV3	766088	3109893	67.20%	3.376%
67	13.470	1344	1346	1348	rVV2	397058	655992	14.17%	0.712%
68	13.509	1348	1350	1355	rVV4	1026663	1841220	39.79%	1.999%
69	13.568	1355	1356	1358	rVV2	213436	365113	7.89%	0.396%
70	13.598	1358	1359	1361	rVV2	346281	507844	10.97%	0.551%
71	13.657	1362	1365	1367	rVV3	517450	890535	19.24%	0.967%

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72	13.706	1367	1370	1374	rVV3	783390	2096363	45.30%	2.276%
73	13.755	1374	1375	1377	rVV	298100	322782	6.97%	0.350%
74	13.804	1377	1380	1383	rVV3	632666	968747	20.93%	1.052%
75	13.854	1383	1385	1388	rVV3	170231	406415	8.78%	0.441%
76	13.903	1388	1390	1393	rVV3	163388	317241	6.86%	0.344%
77	13.942	1393	1394	1396	rVV2	108266	166566	3.60%	0.181%
78	13.972	1396	1397	1400	rVV3	159409	226862	4.90%	0.246%
79	14.050	1402	1405	1407	rVV	836222	1303741	28.17%	1.415%
80	14.139	1410	1414	1416	rVV2	444347	836069	18.07%	0.908%
81	14.178	1416	1418	1423	rVB4	230286	529439	11.44%	0.575%
82	14.247	1423	1425	1427	rBV3	67745	114029	2.46%	0.124%
83	14.306	1428	1431	1434	rVB2	144232	262158	5.66%	0.285%
84	14.375	1434	1438	1440	rBV3	159418	293607	6.34%	0.319%
85	14.424	1440	1443	1444	rVV2	235792	318966	6.89%	0.346%
86	14.454	1444	1446	1448	rVV2	116273	198687	4.29%	0.216%
87	14.543	1452	1455	1457	rVB	437702	596893	12.90%	0.648%
88	14.611	1457	1462	1467	rBV6	185009	406785	8.79%	0.442%
89	14.680	1467	1469	1471	rBV2	74339	128673	2.78%	0.140%
90	14.710	1471	1472	1474	rVB	141499	127061	2.75%	0.138%
91	14.739	1474	1475	1477	rBV2	96346	117220	2.53%	0.127%
92	14.789	1477	1480	1483	rVB3	201133	340667	7.36%	0.370%
93	14.838	1483	1485	1488	rBV2	98395	198718	4.29%	0.216%
94	14.946	1493	1496	1498	rBV2	107576	160410	3.47%	0.174%
95	14.985	1498	1500	1502	rBV2	93724	135710	2.93%	0.147%
96	15.074	1507	1509	1513	rVV4	189428	431283	9.32%	0.468%
97	15.133	1513	1515	1516	rVV2	120547	170621	3.69%	0.185%
98	15.192	1519	1521	1524	rVV	185932	288559	6.24%	0.313%
99	15.241	1524	1526	1530	rVB4	82615	131313	2.84%	0.143%
100	15.359	1535	1538	1542	rVB3	129062	227740	4.92%	0.247%

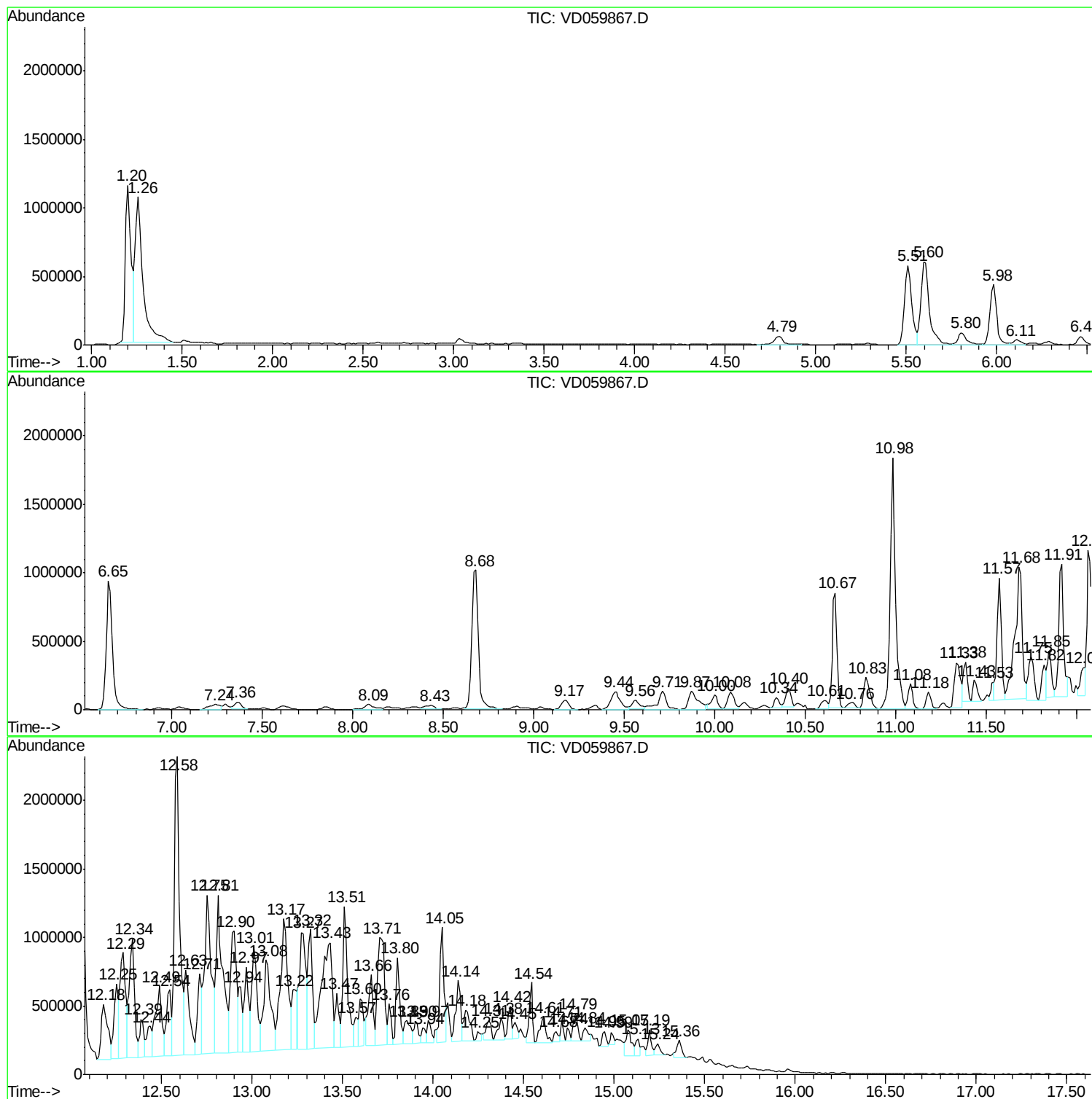
Sum of corrected areas: 92107137

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082018S.M
Quant Title : SW846 8260

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



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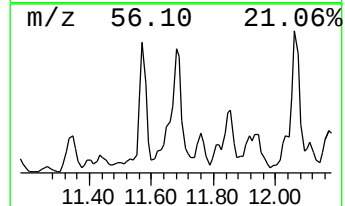
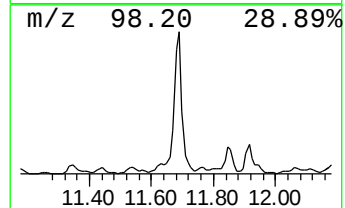
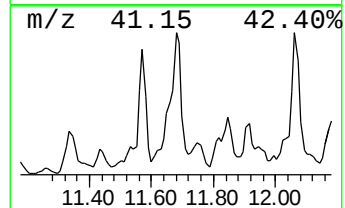
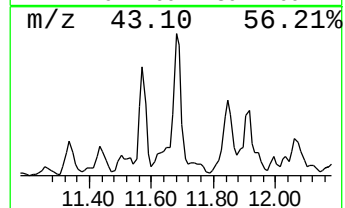
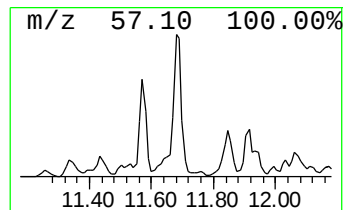
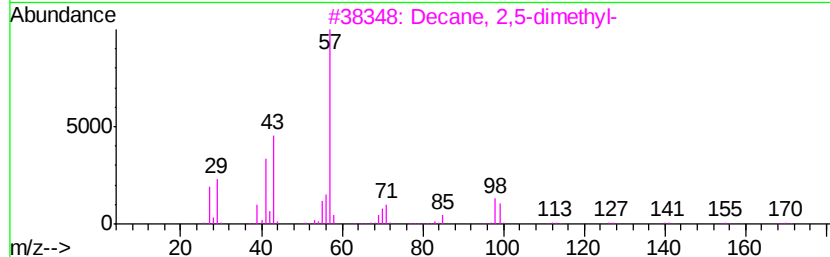
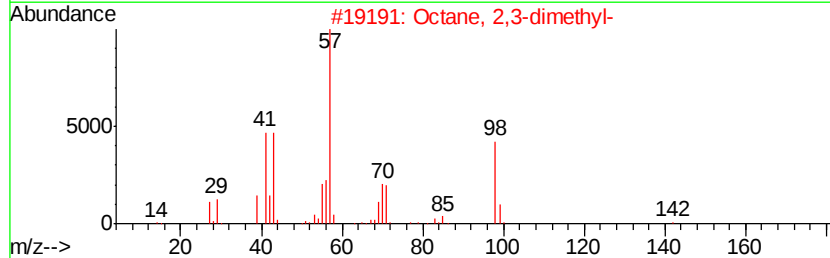
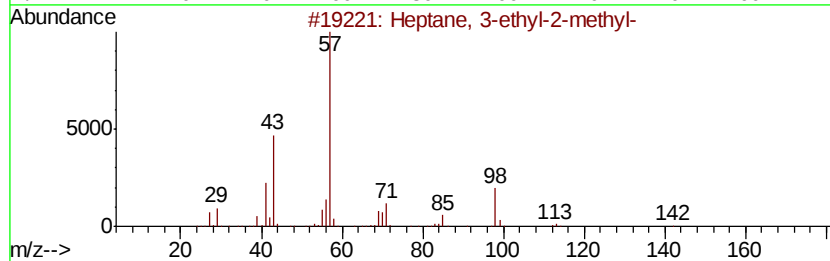
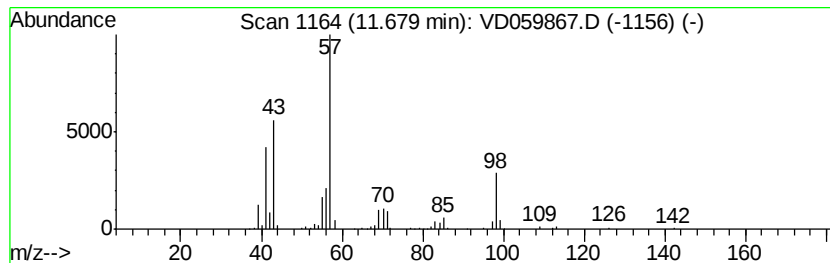
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082018S.M
Quant Title : SW846 8260

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

Peak Number 3 Heptane, 3-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	84.91 ug/l	2661220	Chlorobenzene-d5	10.67

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
2		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	58
3		Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	53
4		Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	53
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	50



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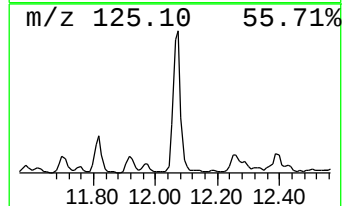
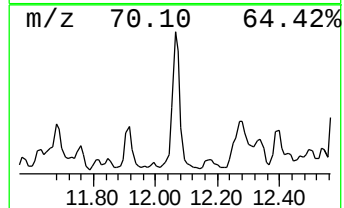
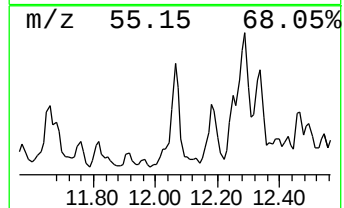
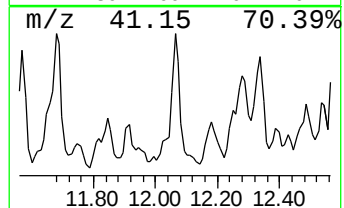
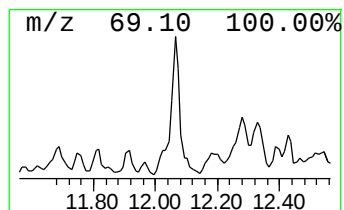
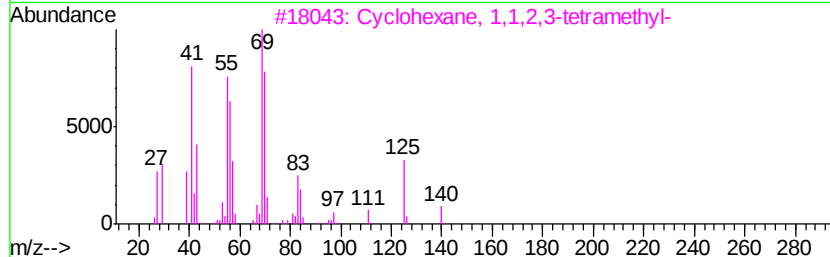
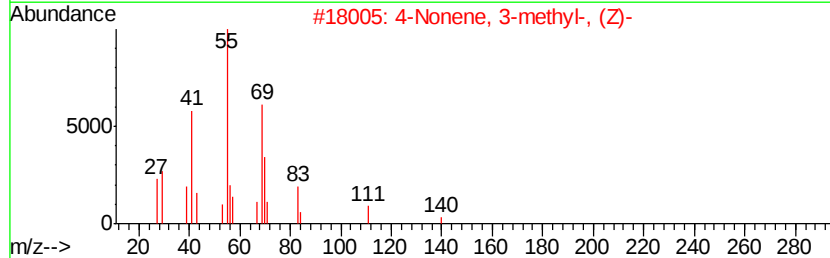
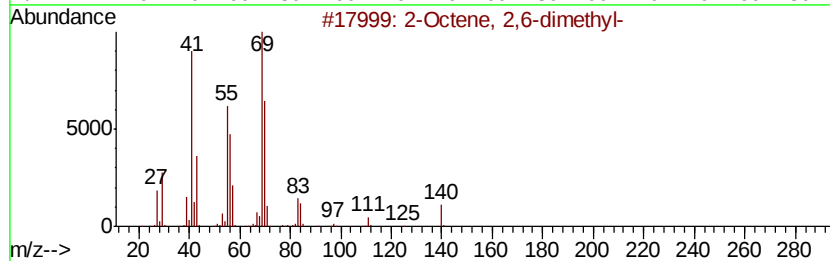
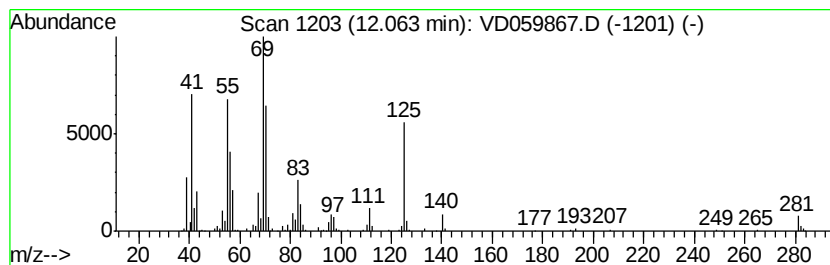
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 2-Octene, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	52.10 ug/l	2060070	1,4-Dichlorobenzene-d4	12.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	64
2		4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	64
3		Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	52
4		2-Methyl-2-octene	126	C9H18	016993-86-5	43
5		1,4-Hexadiene, 3,3,5-trimethyl-	124	C9H16	074753-00-7	30



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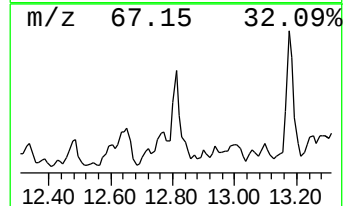
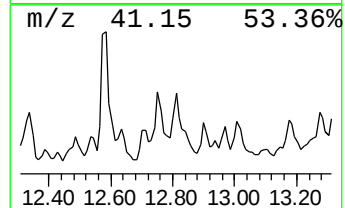
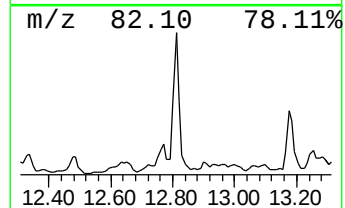
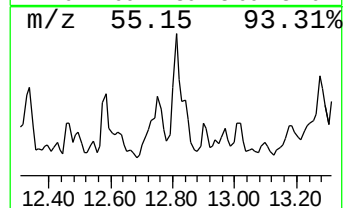
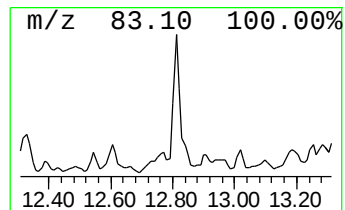
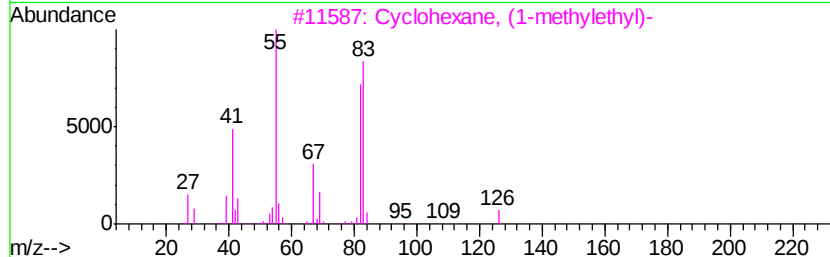
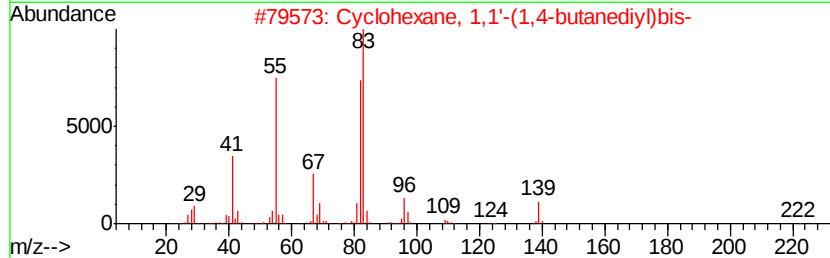
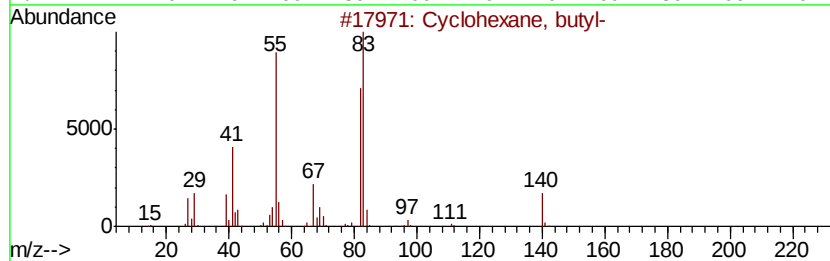
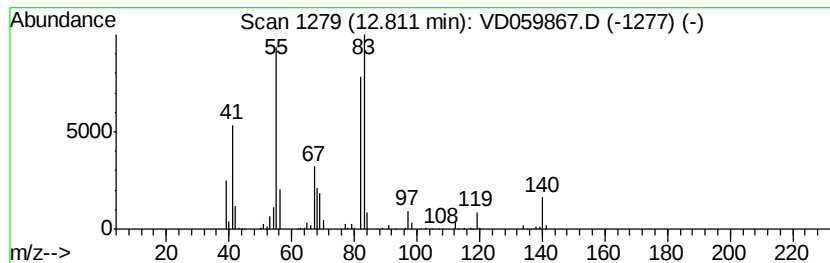
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Quant Title : SW846 8260

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

Peak Number 5 Cyclohexane, butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	76.74 ug/l	3034070	1,4-Dichlorobenzene-d4	12.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, butyl-	140	C10H20	001678-93-9	80
2		Cyclohexane, 1,1'-(1,4-butanediyl)...	222	C16H30	006165-44-2	64
3		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
4		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	64
5		Acetic acid, mercapto-, cyclohex...	174	C8H14O2S	016849-98-2	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082118\
Data File : VD059867.D
Acq On : 21 Aug 2018 20:37
Operator : JC/SY
Sample : J4559-06
Misc : 5.05a/5ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RA-081718-SSW-115-050

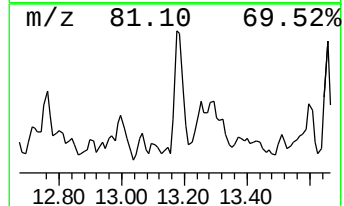
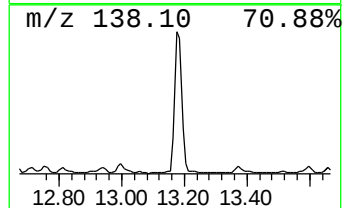
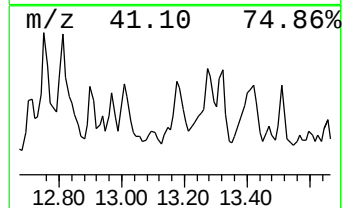
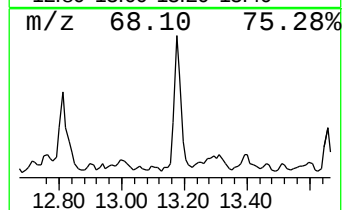
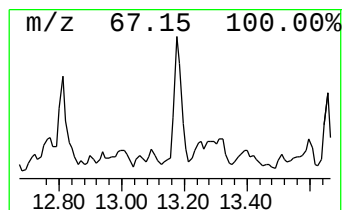
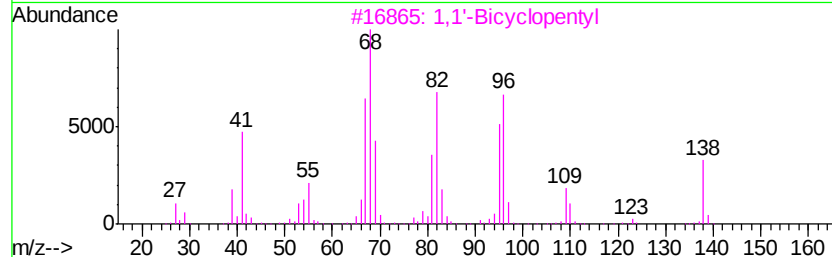
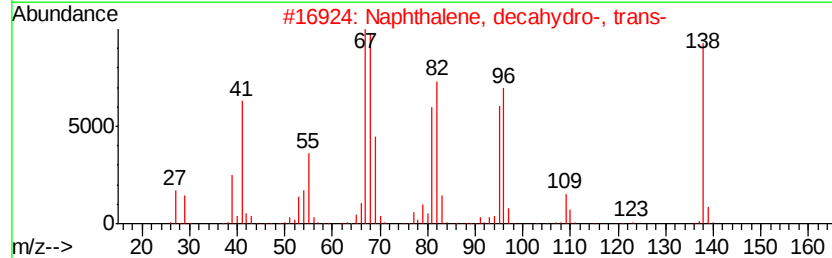
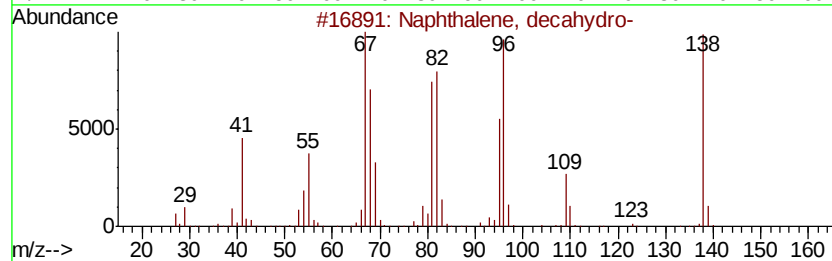
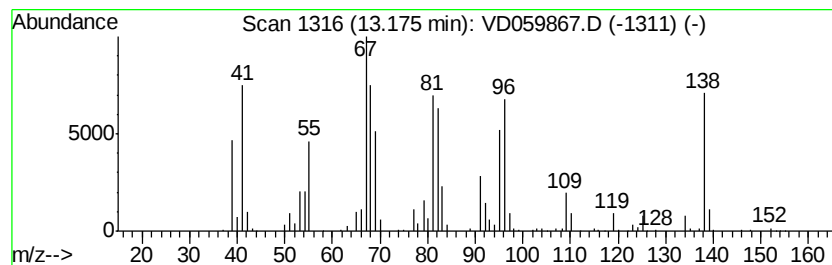
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Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, decahydro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	69.07 ug/l	2730880	1,4-Dichlorobenzene-d4	12.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-	138	C10H18	000091-17-8	97
2		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
3		1,1'-Bicyclopentyl	138	C10H18	001636-39-1	95
4		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	93
5		Spiro[4.5]decane	138	C10H18	000176-63-6	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082118\
Data File : VD059867.D
Acq On : 21 Aug 2018 20:37
Operator : JC/SY
Sample : J4559-06
Misc : 5.05g/5ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

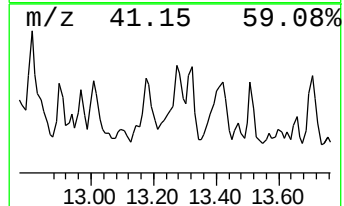
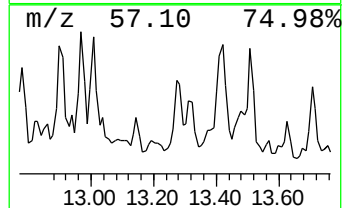
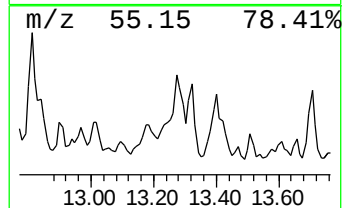
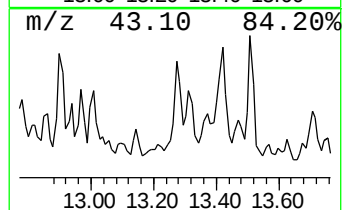
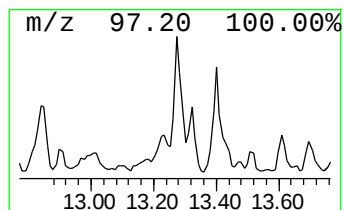
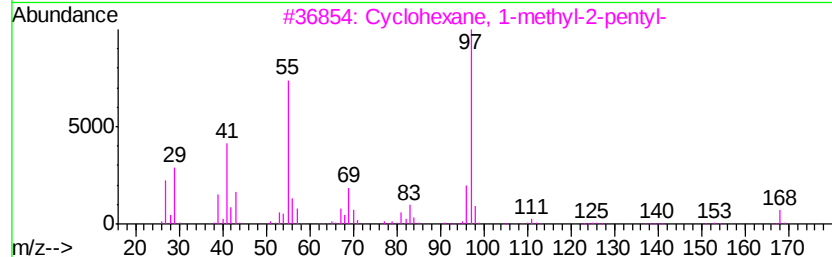
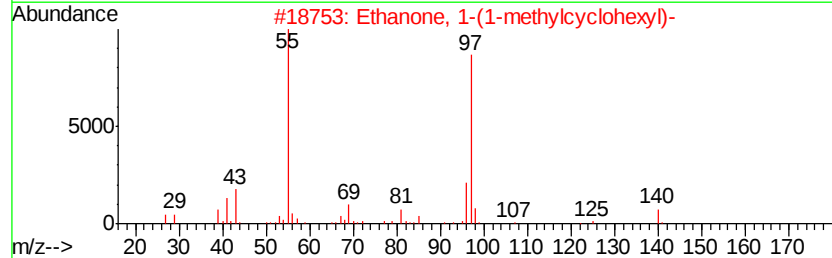
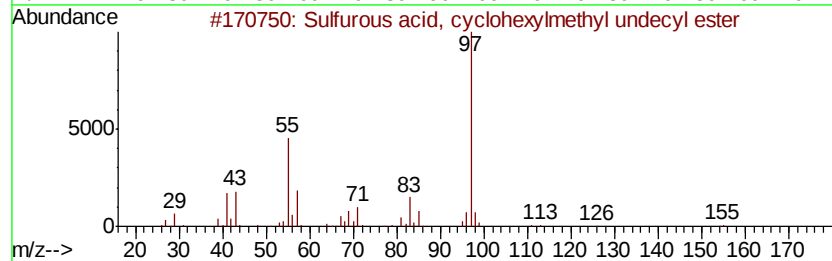
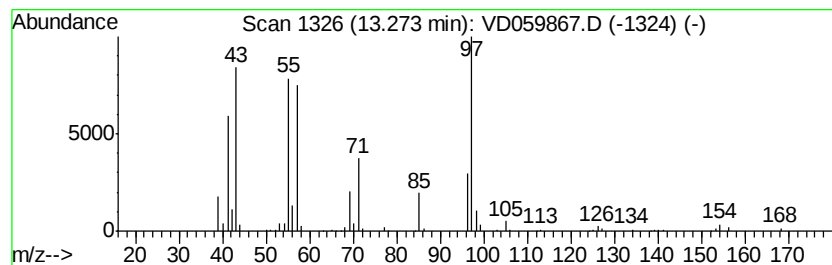
Instrument :
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ClientSampleId :
RA-081718-SSW-115-050

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082018S.M
Quant Title : SW846 8260

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

Peak Number 7 Sulfurous acid, cyclohexylm... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.27	50.08 ug/l	1980160	1,4-Dichlorobenzene-d4	12.89		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Sulfurous acid, cvclohexylmethyl...	332	C18H36O3S	1000309-21-9	53
2		Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	52
3		Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	50
4		Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	50
5		Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082118\
Data File : VD059867.D
Acq On : 21 Aug 2018 20:37
Operator : JC/SY
Sample : J4559-06
Misc : 5.05g/5ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RA-081718-SSW-115-050

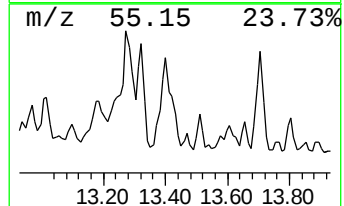
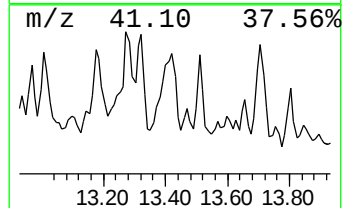
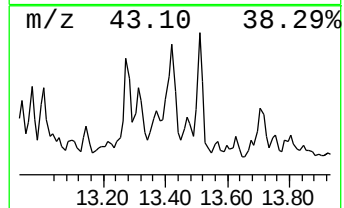
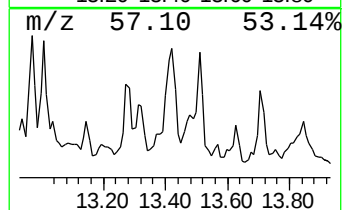
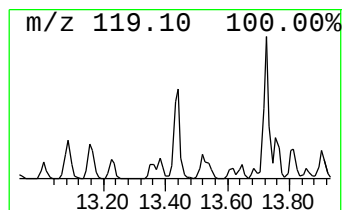
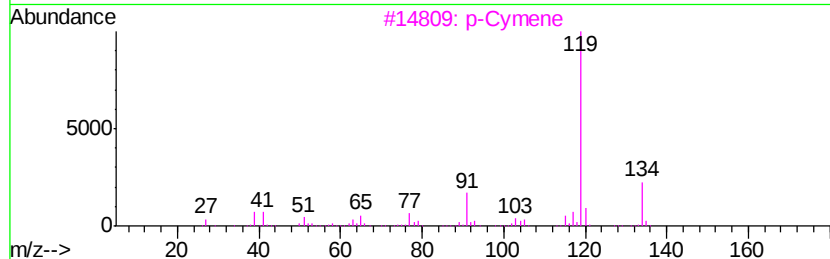
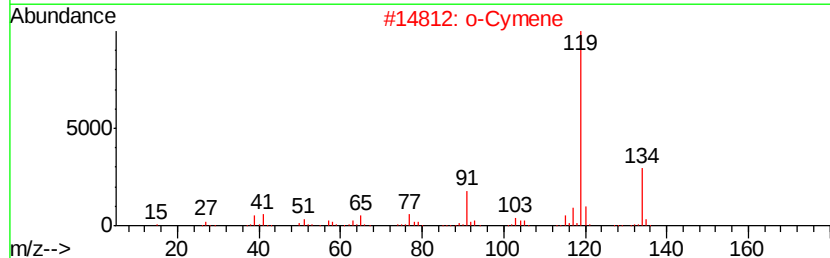
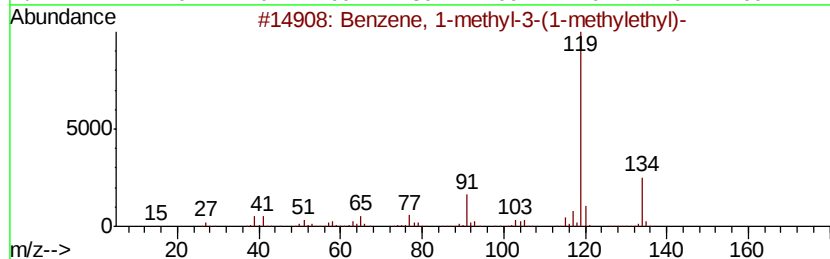
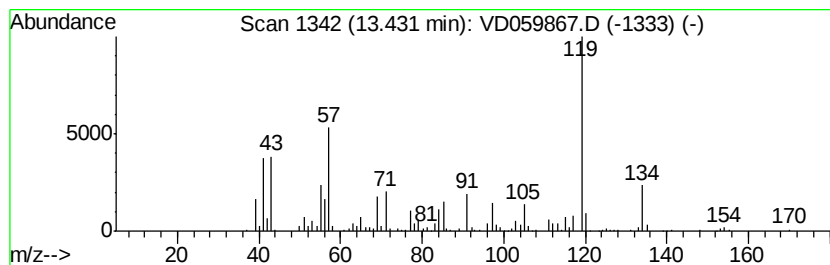
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	78.65 ug/l	3109890	1,4-Dichlorobenzene-d4	12.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	92
2		o-Cymene	134	C10H14	000527-84-4	91
3		p-Cymene	134	C10H14	000099-87-6	91
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082118\
Data File : VD059867.D
Acq On : 21 Aug 2018 20:37
Operator : JC/SY
Sample : J4559-06
Misc : 5.05a/5ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RA-081718-SSW-115-050

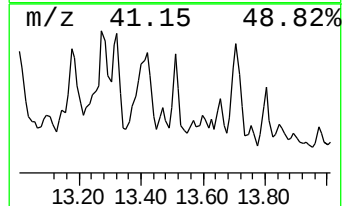
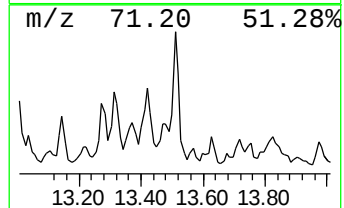
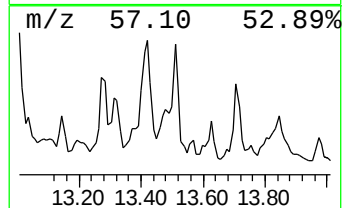
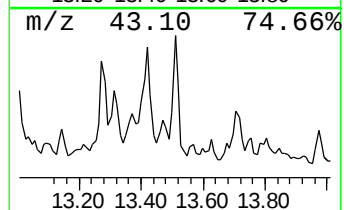
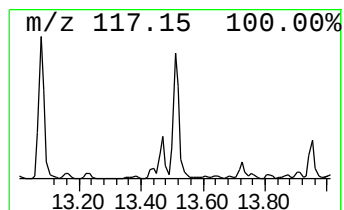
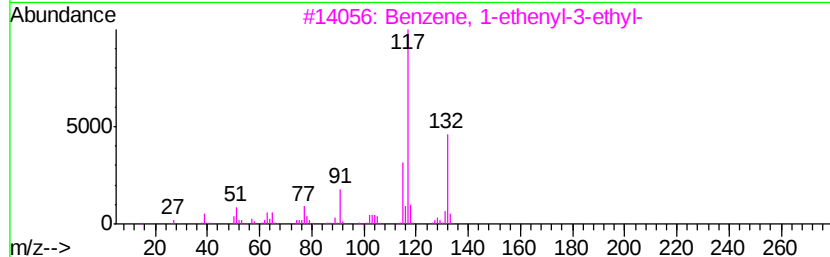
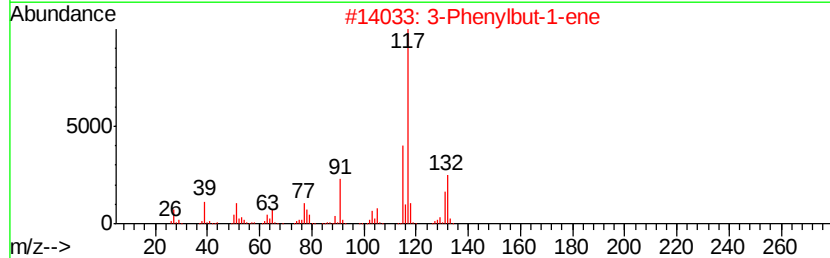
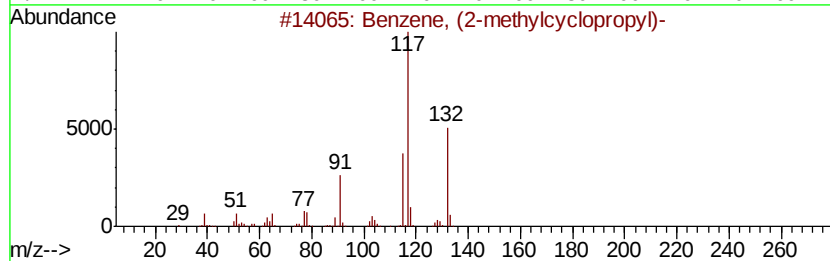
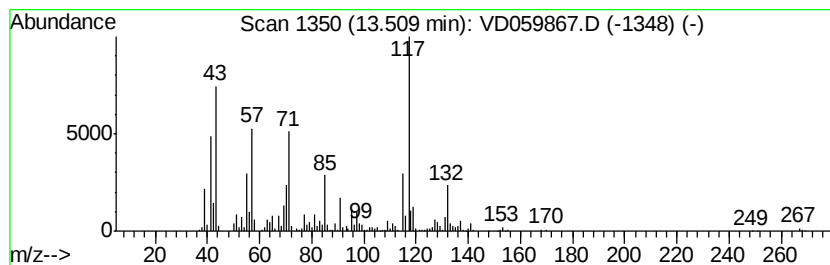
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Quant Title : SW846 8260

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

Peak Number 9 Benzene, (2-methylcycloprop... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	46.57 ug/l	1841220	1,4-Dichlorobenzene-d4	12.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	55
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
3		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	55
4		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	55
5		Indan, 1-methyl-	132	C10H12	000767-58-8	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082118\
Data File : VD059867.D
Acq On : 21 Aug 2018 20:37
Operator : JC/SY
Sample : J4559-06
Misc : 5.05a/5ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RA-081718-SSW-115-050

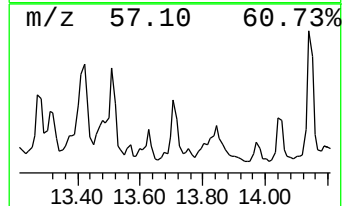
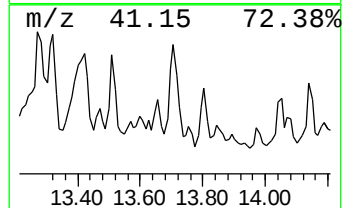
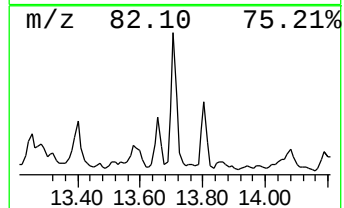
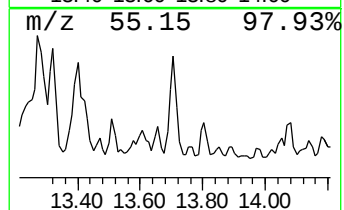
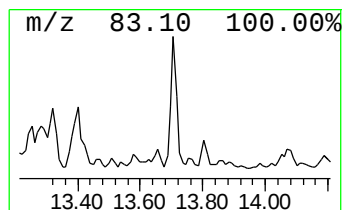
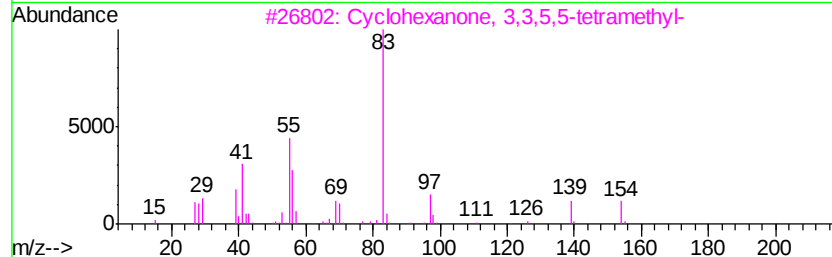
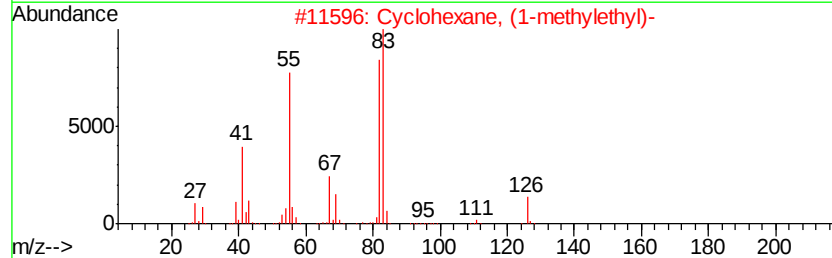
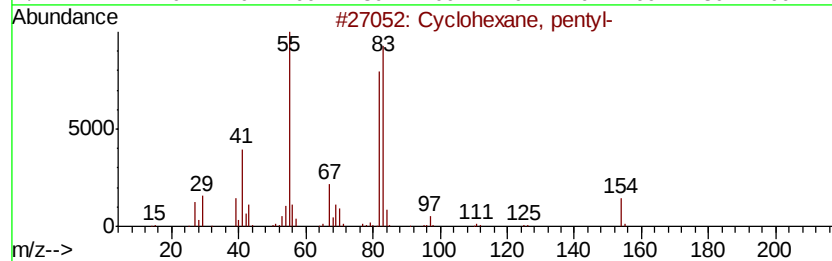
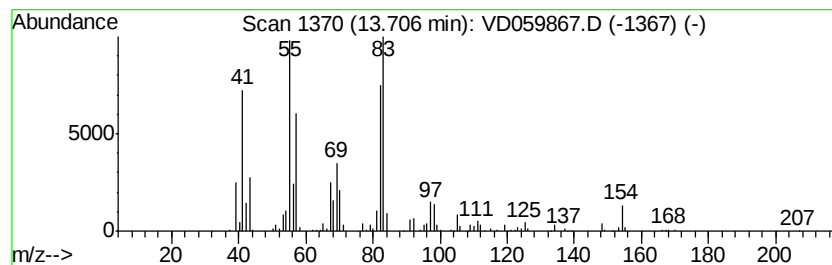
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Quant Title : SW846 8260

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

Peak Number 10 Cyclohexane, pentyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	53.02 ug/l	2096360	1,4-Dichlorobenzene-d4	12.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	83
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	68
3		Cyclohexanone, 3,3,5,5-tetramethyl-	154	C10H18O	014376-79-5	46
4		7-Oxabicyclo[4.1.0]heptane	98	C6H10O	000286-20-4	43
5		3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	38



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082118\
Data File : VD059867.D
Acq On : 21 Aug 2018 20:37
Operator : JC/SY
Sample : J4559-06
Misc : 5.05g/5ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RA-081718-SSW-115-050

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082018S.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
Heptane, 3-ethyl-...	11.68	84.9	ug/l	2661220	3	10.67	1567120	50.0
2-Octene, 2,6-dim...	12.06	52.1	ug/l	2060070	4	12.89	1976970	50.0
Cyclohexane, butyl-	12.81	76.7	ug/l	3034070	4	12.89	1976970	50.0
Naphthalene, deca...	13.17	69.1	ug/l	2730880	4	12.89	1976970	50.0
Sulfurous acid, c...	13.27	50.1	ug/l	1980160	4	12.89	1976970	50.0
Benzene, 1-methyl...	13.43	78.7	ug/l	3109890	4	12.89	1976970	50.0
Benzene, (2-methy...	13.51	46.6	ug/l	1841220	4	12.89	1976970	50.0
Cyclohexane, pentyl-	13.71	53.0	ug/l	2096360	4	12.89	1976970	50.0