

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031819\
 Data File : VD061155.D
 Acq On : 18 Mar 2019 19:46
 Operator : VA/AP
 Sample : K1697-09
 Misc : 7.34g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-01-031519-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\82D030719S.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	1.559	11	14	27	rVB	139236	355583	28.88%	2.301%
2	1.707	27	29	36	rVB	14599	28387	2.31%	0.184%
3	1.855	40	44	50	rVB	37416	65952	5.36%	0.427%
4	2.642	119	124	127	rBV3	14616	38234	3.10%	0.247%
5	3.223	178	183	195	rBV	46108	129025	10.48%	0.835%
6	3.390	195	200	204	rBV2	7128	20173	1.64%	0.131%
7	3.637	222	225	230	rVB2	5195	12761	1.04%	0.083%
8	3.814	238	243	251	rBV	48967	145828	11.84%	0.944%
9	4.700	328	333	339	rBV3	6432	19384	1.57%	0.125%
10	6.058	466	471	473	rBV	7947	19208	1.56%	0.124%
11	6.137	473	479	491	rVB	81523	286534	23.27%	1.854%
12	6.925	553	559	565	rBV	183341	526833	42.78%	3.409%
13	7.043	565	571	585	rVB	416834	1231444	100.00%	7.969%
14	7.446	606	612	622	rBV2	248816	739916	60.09%	4.788%
15	8.214	684	690	699	rBV	213332	511705	41.55%	3.311%
16	8.854	751	755	760	rVB4	7356	20667	1.68%	0.134%
17	10.380	905	910	914	rBV4	14867	32267	2.62%	0.209%
18	10.921	961	965	970	rVB4	11106	25797	2.09%	0.167%
19	11.089	978	982	985	rBV	10369	17886	1.45%	0.116%
20	11.227	991	996	1000	rBV	13257	35247	2.86%	0.228%
21	11.679	1038	1042	1045	rVV4	10415	23853	1.94%	0.154%
22	11.739	1045	1048	1053	rVB	19871	40170	3.26%	0.260%
23	11.827	1053	1057	1065	rVB4	8180	22085	1.79%	0.143%
24	12.113	1083	1086	1089	rBV2	11446	19850	1.61%	0.128%
25	12.162	1089	1091	1098	rVB2	10011	21671	1.76%	0.140%
26	12.300	1103	1105	1109	rVV4	8307	19849	1.61%	0.128%
27	12.693	1142	1145	1147	rVV2	8315	15272	1.24%	0.099%
28	12.999	1173	1176	1179	rBV3	9007	18472	1.50%	0.120%
29	13.215	1193	1198	1201	rBV3	8937	18106	1.47%	0.117%
30	13.304	1201	1207	1211	rBV4	14574	34131	2.77%	0.221%
31	13.392	1214	1216	1220	rVB	13002	18001	1.46%	0.116%
32	13.550	1228	1232	1236	rBV	519659	700119	56.85%	4.531%
33	13.707	1245	1248	1251	rVB	34050	52134	4.23%	0.337%
34	13.766	1251	1254	1257	rBV	27883	35715	2.90%	0.231%

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Integration Parameters: RTEINT.P

Integrator: RTE
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 Sampling : 1
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 Stop Thrs : 0

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 Max Peaks: 100
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	13.875	1263	1265	1267	rBV	53294	68199	5.54%	0.441%
36	13.924	1267	1270	1273	rVV	83098	123636	10.04%	0.800%
37	13.963	1273	1274	1277	rVB2	16663	19510	1.58%	0.126%
38	14.072	1281	1285	1288	rBV	97847	168265	13.66%	1.089%
39	14.200	1296	1298	1300	rBV2	15851	23385	1.90%	0.151%
40	14.229	1300	1301	1307	rVV6	17736	48714	3.96%	0.315%
41	14.367	1308	1315	1319	rVV4	42301	117455	9.54%	0.760%
42	14.436	1319	1322	1324	rVV	83628	130322	10.58%	0.843%
43	14.515	1327	1330	1332	rVV	709738	940956	76.41%	6.089%
44	14.554	1332	1334	1337	rVV	256484	318946	25.90%	2.064%
45	14.623	1337	1341	1345	rVV5	35638	92626	7.52%	0.599%
46	14.702	1345	1349	1351	rVV	192083	308798	25.08%	1.998%
47	14.771	1354	1356	1362	rVV2	229129	496220	40.30%	3.211%
48	14.849	1362	1364	1365	rVV	51709	78208	6.35%	0.506%
49	14.908	1365	1370	1375	rVV	155973	366946	29.80%	2.375%
50	14.967	1375	1376	1378	rVV	50677	79696	6.47%	0.516%
51	14.997	1378	1379	1382	rVV2	61557	124089	10.08%	0.803%
52	15.046	1382	1384	1387	rVV	186530	296788	24.10%	1.921%
53	15.086	1387	1388	1390	rVV	87852	102516	8.32%	0.663%
54	15.135	1390	1393	1399	rVV2	232805	521320	42.33%	3.374%
55	15.214	1399	1401	1404	rVV3	79451	165933	13.47%	1.074%
56	15.273	1404	1407	1410	rVV2	155055	334236	27.14%	2.163%
57	15.312	1410	1411	1412	rVV	51407	54116	4.39%	0.350%
58	15.342	1412	1414	1415	rVV	131715	174152	14.14%	1.127%
59	15.371	1415	1417	1420	rVV	222364	306789	24.91%	1.985%
60	15.420	1420	1422	1425	rVV2	156205	290271	23.57%	1.878%
61	15.470	1425	1427	1430	rVV3	111185	243492	19.77%	1.576%
62	15.529	1430	1433	1434	rVV2	79641	172951	14.04%	1.119%
63	15.568	1434	1437	1441	rVV2	225522	515699	41.88%	3.337%
64	15.627	1441	1443	1444	rVV	93100	124997	10.15%	0.809%
65	15.666	1444	1447	1449	rVV	526136	742575	60.30%	4.805%
66	15.696	1449	1450	1452	rVV2	135360	175183	14.23%	1.134%
67	15.735	1452	1454	1457	rVV2	75059	164079	13.32%	1.062%
68	15.794	1457	1460	1463	rVV	429611	660202	53.61%	4.272%
69	15.903	1465	1471	1472	rVV4	96980	328725	26.69%	2.127%
70	15.922	1472	1473	1475	rVV	114092	157658	12.80%	1.020%
71	15.991	1475	1480	1482	rVV2	128445	327483	26.59%	2.119%

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Integration Parameters: RTEINT.P

Integrator: RTE
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 Stop Thrs : 0 Peak Location: TOP

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72	16.040	1482	1485	1489	rVV4	47438	155207	12.60%	1.004%
73	16.139	1493	1495	1496	rVV2	41063	61853	5.02%	0.400%
74	16.168	1496	1498	1500	rVV	95938	139135	11.30%	0.900%
75	16.228	1500	1504	1506	rVV	102071	204161	16.58%	1.321%
76	16.296	1509	1511	1513	rVV3	21774	38238	3.11%	0.247%
77	16.355	1515	1517	1520	rVV2	28438	41981	3.41%	0.272%
78	16.405	1520	1522	1526	rVV4	10338	25630	2.08%	0.166%
79	16.503	1526	1532	1534	rVV	59081	105885	8.60%	0.685%
80	16.730	1552	1555	1558	rVB2	9760	13239	1.08%	0.086%

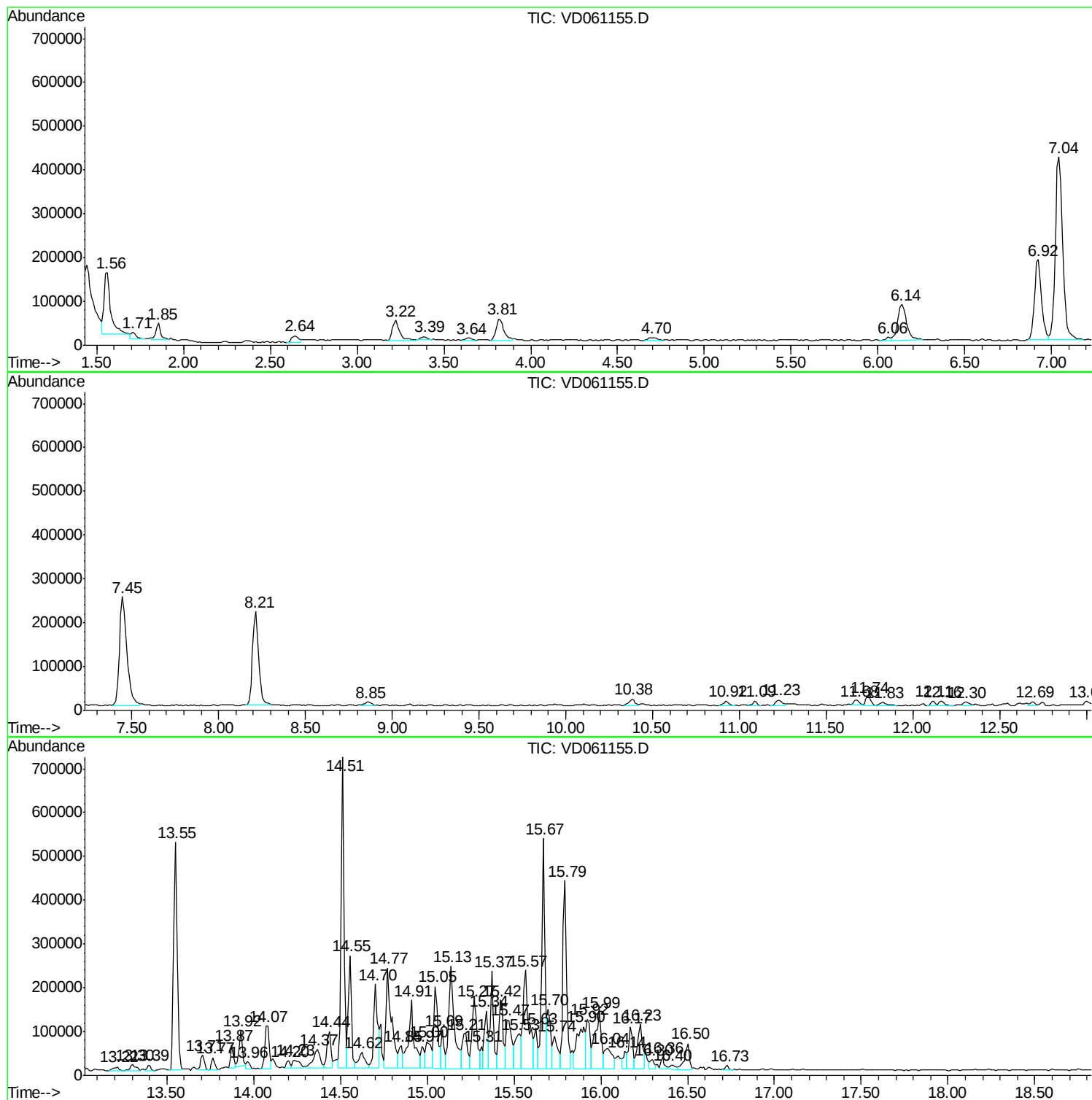
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD031819\
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ALS Vial : 21 Sample Multiplier: 1

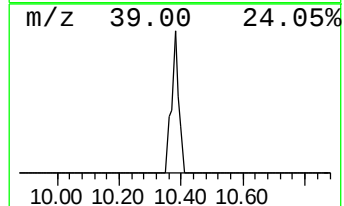
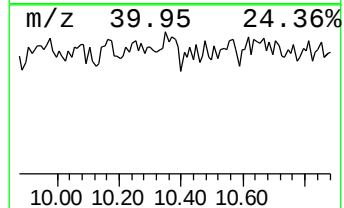
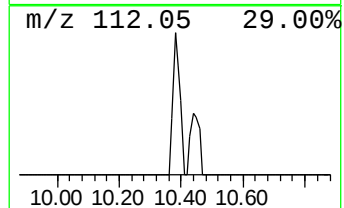
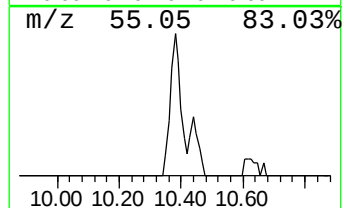
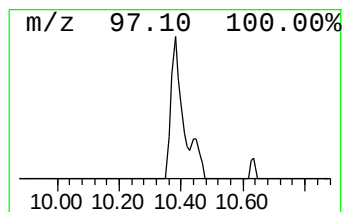
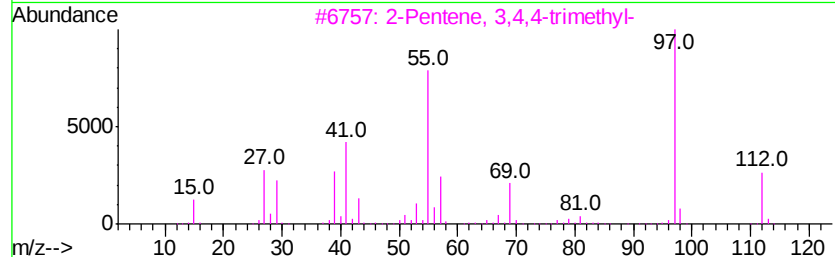
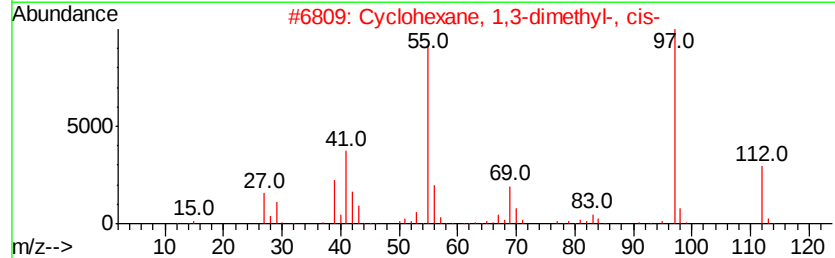
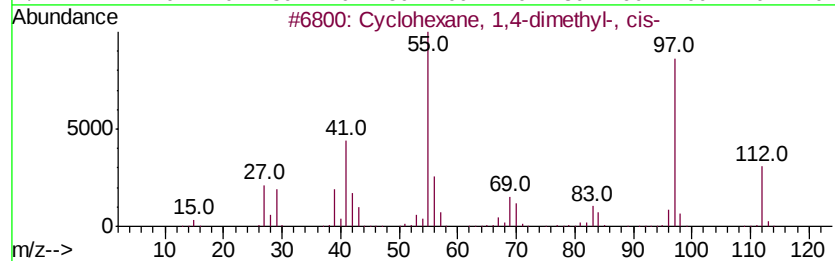
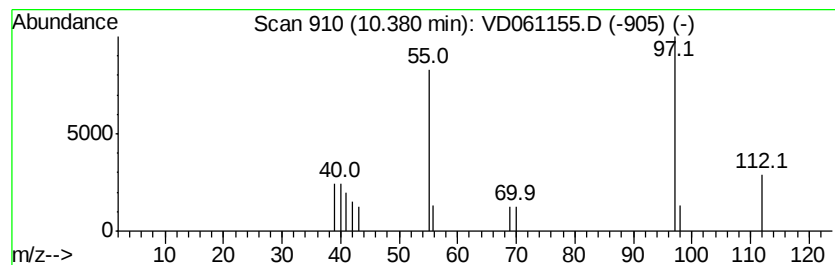
Instrument :
MSVOA_D
ClientSampleId :
SU-01-031519-A

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclohexane, 1,4-dimethyl-,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.38	81.28 ug/l	32267	Chlorobenzene-d5	12.36		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cvclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	78
2		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	72
3		2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	72
4		Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	72
5		Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	72



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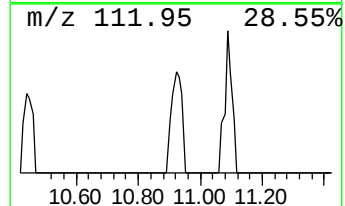
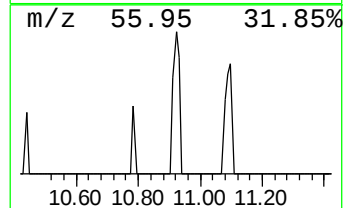
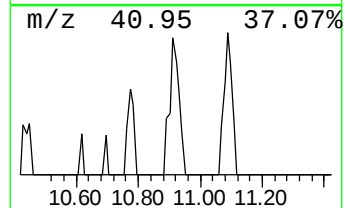
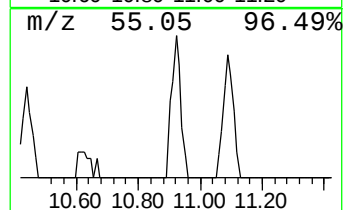
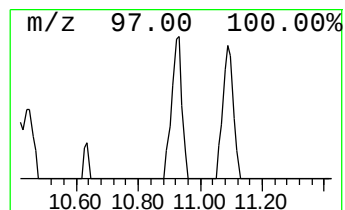
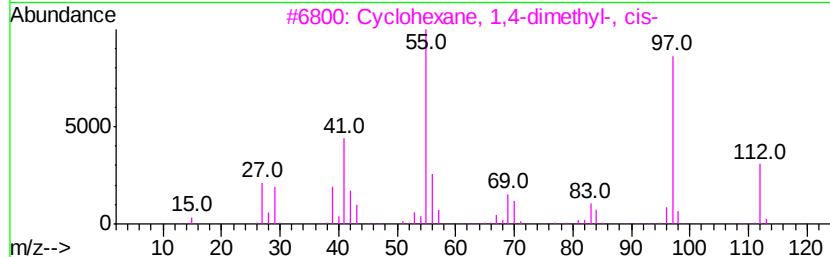
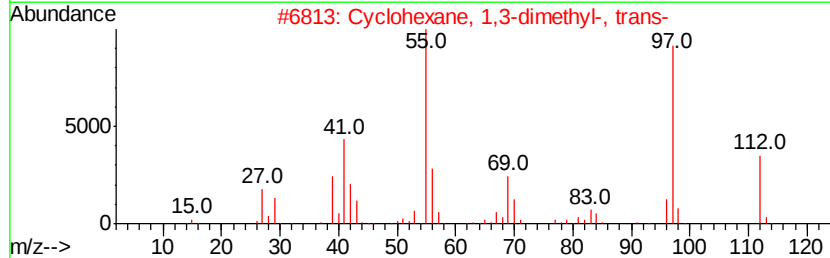
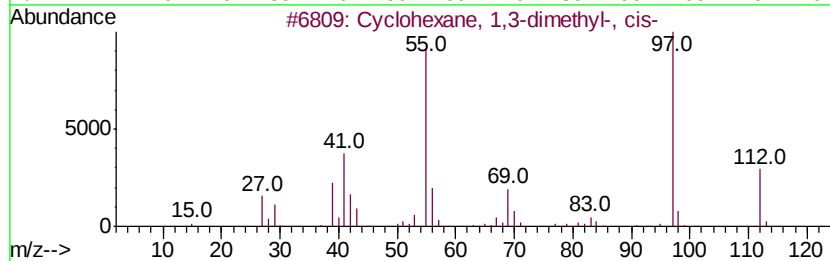
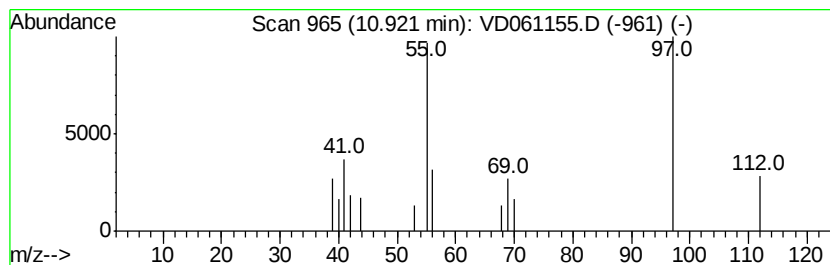
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Quant Title : SW846 8260

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

Peak Number 2 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	64.98 ug/l	25797	Chlorobenzene-d5	12.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	80
2		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	80
3		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	72
4		Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	72
5		Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	72



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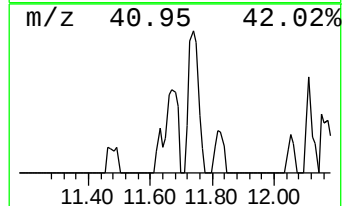
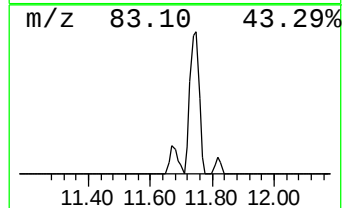
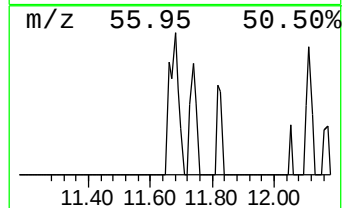
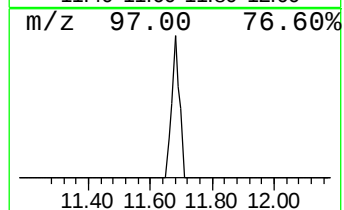
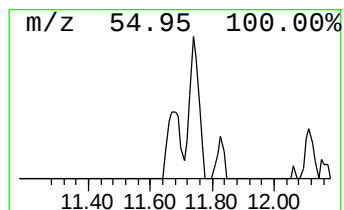
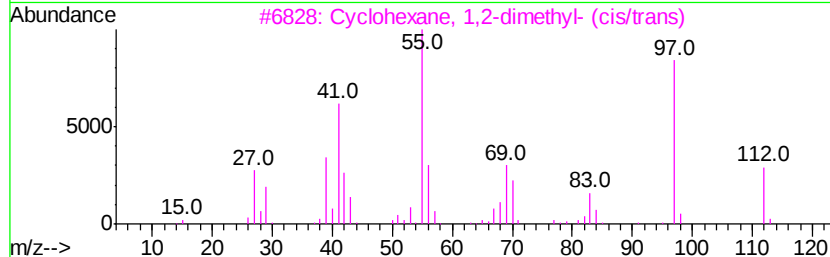
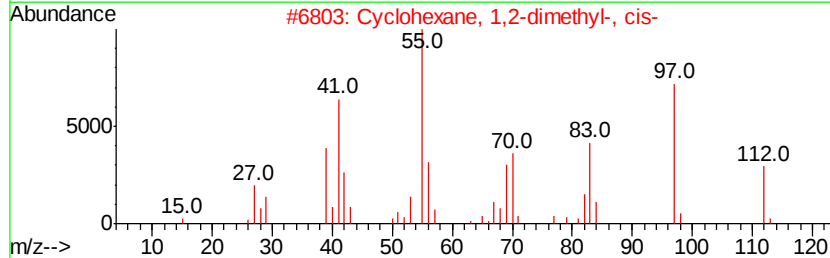
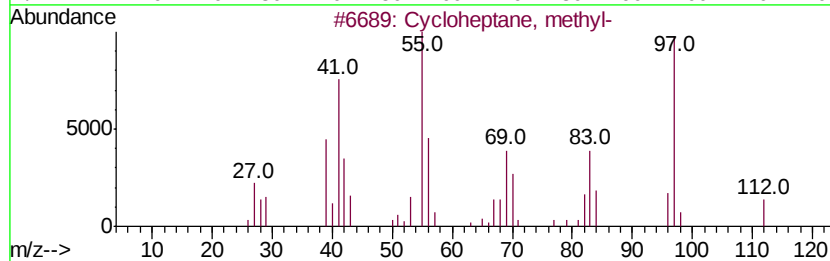
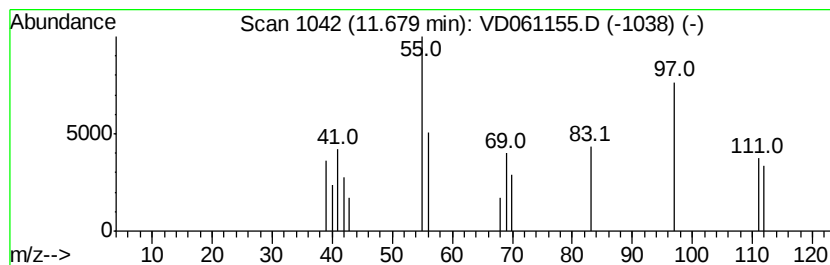
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260

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

Peak Number 4 Cycloheptane, methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	60.09 ug/l	23853	Chlorobenzene-d5	12.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cycloheptane, methyl-	112	C8H16	004126-78-7	72
2		Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	72
3		Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	64
4		Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	59
5		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	50



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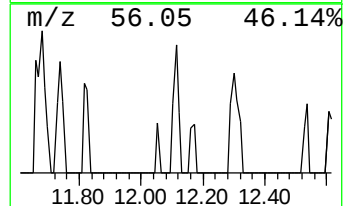
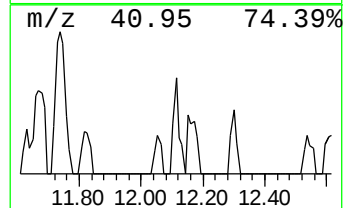
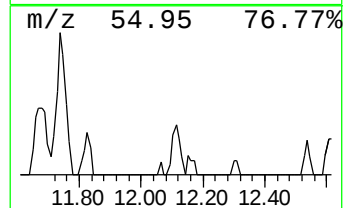
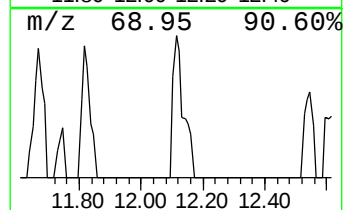
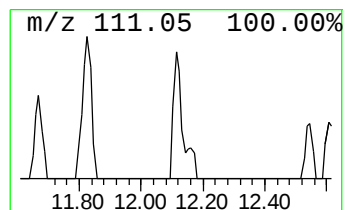
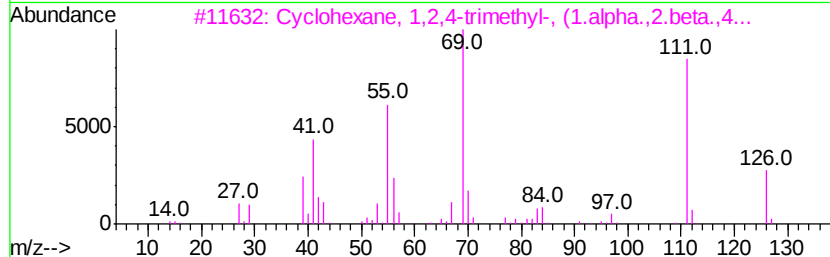
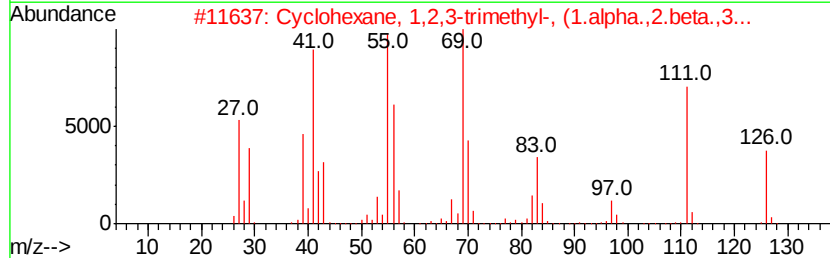
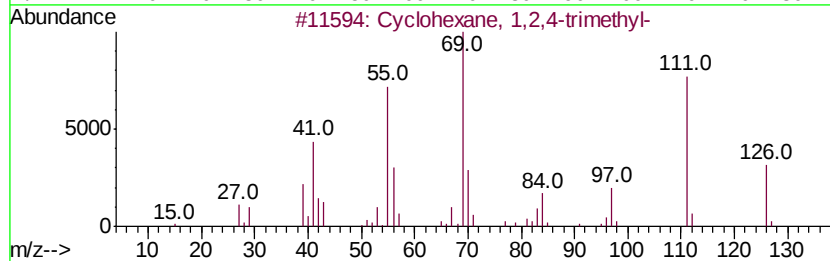
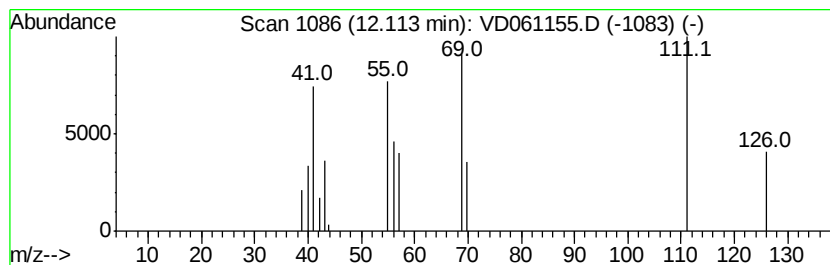
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Quant Title : SW846 8260

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

Peak Number 7 Cyclohexane, 1,2,4-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	50.00 ug/l	19850	Chlorobenzene-d5	12.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	86
2		Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	83
3		Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	72
4		3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	53
5		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD031819\
Data File : VD061155.D
Acq On : 18 Mar 2019 19:46
Operator : VA/AP
Sample : K1697-09
Misc : 7.34g/5ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SU-01-031519-A

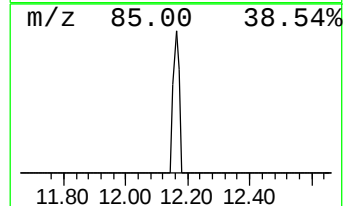
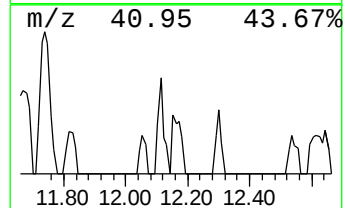
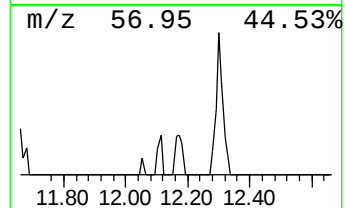
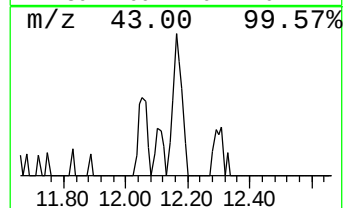
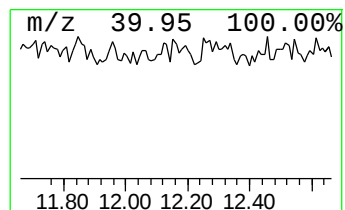
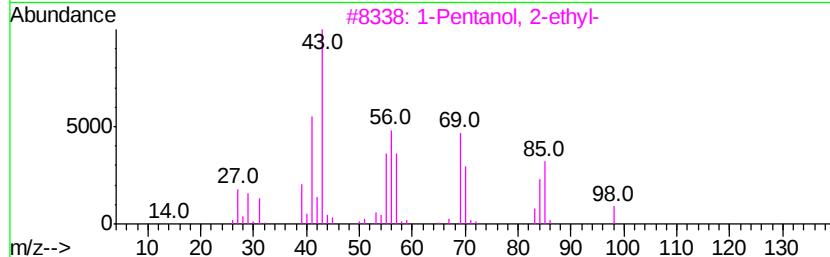
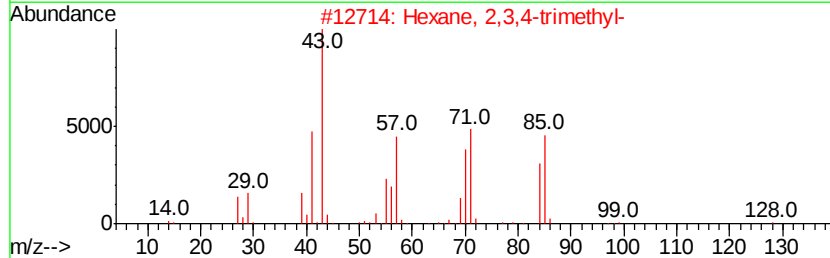
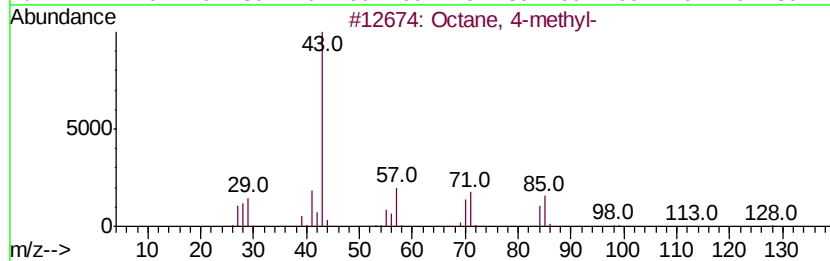
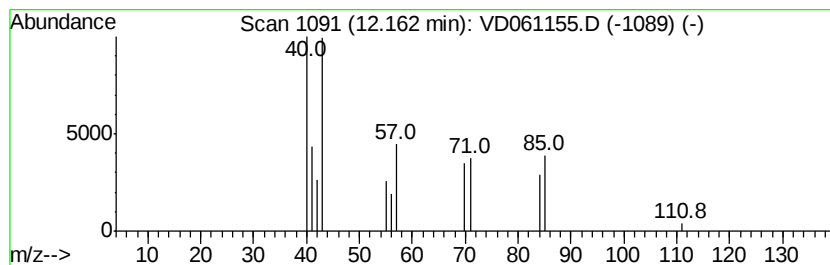
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Quant Title : SW846 8260

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

Peak Number 8 Octane, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	54.59 ug/l	21671	Chlorobenzene-d5	12.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 4-methyl-	128	C9H20	002216-34-4	72
2		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
3		1-Pentanol, 2-ethyl-	116	C7H16O	027522-11-8	38
4		Oxirane, 2-methyl-3-propyl-, cis-	100	C6H12O	006124-90-9	37
5		1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	37



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD031819\
Data File : VD061155.D
Acq On : 18 Mar 2019 19:46
Operator : VA/AP
Sample : K1697-09
Misc : 7.34g/5ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SU-01-031519-A

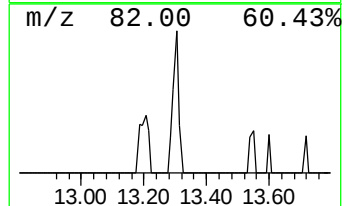
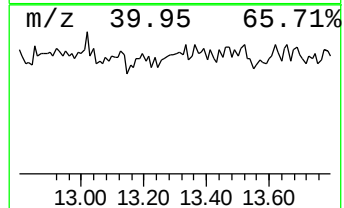
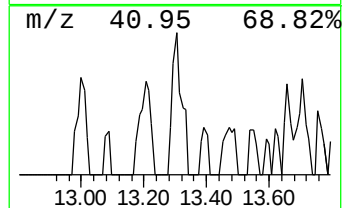
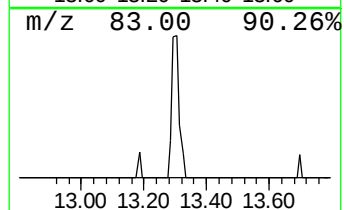
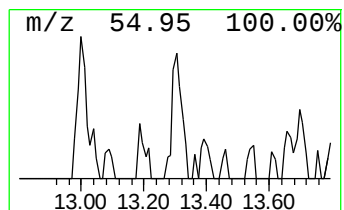
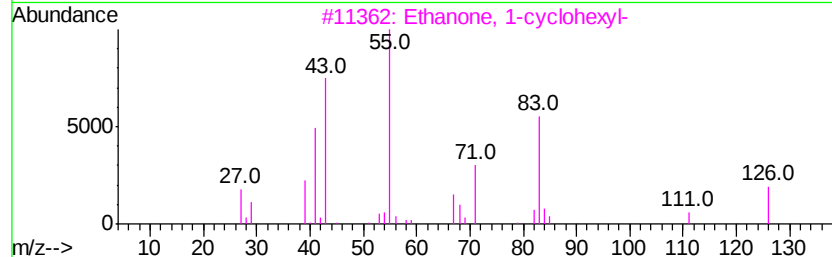
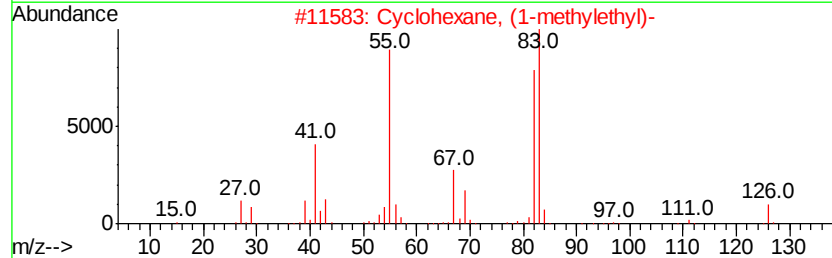
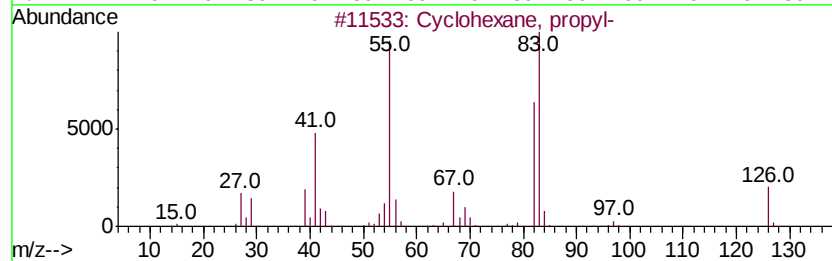
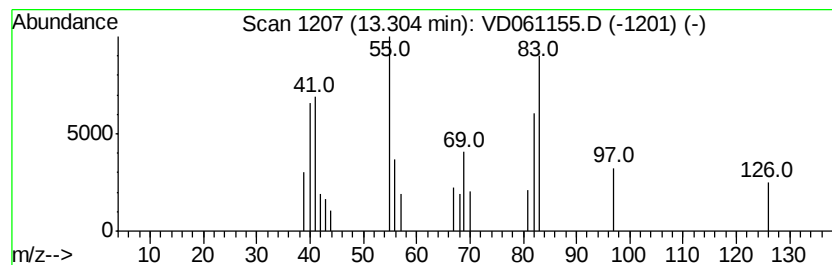
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Quant Title : SW846 8260

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

Peak Number 10 Cyclohexane, propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	85.98 ug/l	34131	Chlorobenzene-d5	12.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, propyl-	126	C9H18	001678-92-8	59
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
3		Ethanone, 1-cyclohexyl-	126	C8H14O	000823-76-7	47
4		2,3-Dimethyl-2-heptene	126	C9H18	003074-64-4	43
5		Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	43



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031819\
Data File : VD061155.D
Acq On : 18 Mar 2019 19:46
Operator : VA/AP
Sample : K1697-09
Misc : 7.34g/5ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SU-01-031519-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.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, 1,4-...	10.38	81.3	ug/l	32267	3	12.36	19849	50.0
Cyclohexane, 1,3-...	10.92	65.0	ug/l	25797	3	12.36	19849	50.0
Cycloheptane, met...	11.68	60.1	ug/l	23853	3	12.36	19849	50.0
Cyclohexane, 1,2,...	12.11	50.0	ug/l	19850	3	12.36	19849	50.0
Octane, 4-methyl-	12.16	54.6	ug/l	21671	3	12.36	19849	50.0
Cyclohexane, propyl-	13.30	86.0	ug/l	34131	3	12.36	19849	50.0