LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031919\
Data File : VD061181.D
Acq On : 19 Mar 2019 13:27
Operator : VA/AP
Sample : K1970-03
Misc : 6.64g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-3-E.WALL-N.CENTER

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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	1.510	6	9	20	rVB	123686	411125	1.17%	0.047%
2	2.632	119	123	134	rBV2	186948	457522	1.30%	0.052%
3	3.843	234	246	258	rBV	810288	3449457	9.81%	0.391%
4	4.227	277	285	302	rBV	604327	2203890	6.27%	0.250%
5	4.690	324	332	349	rBV	933595	3554408	10.11%	0.403%
6	5.517	407	416	427	rBV2	109785	472544	1.34%	0.054%
7	5.704	427	435	439	rBV2	229338	1001387	2.85%	0.113%
8	5.792	439	444	461	rVB	939674	3883899	11.05%	0.440%
9	6.137	472	479	492	rVB	217631	800437	2.28%	0.091%
10	6.649	519	531	541	rBV	178126	813294	2.31%	0.092%
11	6.954	552	562	573	rBV5	3134923	17002956	48.37%	1.926%
12	7.092	573	576	587	rVV	1279148	4490964	12.78%	0.509%
13	7.279	587	595	607	rVV	3198126	12980951	36.93%	1.470%
14	7.436	607	611	621	rVV2	423574	1507241	4.29%	0.171%
15	7.604	621	628	633	rVV2	1666985	5883412	16.74%	0.666%
16	7.702	633	638	643	rVV2	1724226	6146681	17.49%	0.696%
17	7.801	643	648	661	rVV	1767161	6493294	18.47%	0.735%
18	8.027	661	671	683	rVV	4002203	13706891	38.99%	1.553%
19	8.204	683	689	699	rVV	1111329	3354920	9.54%	0.380%
20	8.568	719	726	730	rBV3	112355	438645	1.25%	0.050%
21	8.657	730	735	745	rVB	480187	1726436	4.91%	0.196%
22	8.864	745	756	762	rBV2	7516090	35152184	100.00%	3.982%
23	9.011	767	771	779	rVB	2187291	6808186	19.37%	0.771%
24	9.159	780	786	793	rVB	1908534	5912076	16.82%	0.670%
25	9.307	793	801	816	rVB2	2751903	10391549	29.56%	1.177%
26	9.533	816	824	833	rBV2	2772720	10625825	30.23%	1.204%
27	9.730	833	844	845	rBV3	527524	1880011	5.35%	0.213%
28	9.789	845	850	857	rBV	1741270	6889532	19.60%	0.780%
29	9.927	857	864	874	rBV4	4791248	26215202	74.58%	2.969%
30	10.065	875	878	880	rBV	664794	1363792	3.88%	0.154%
31	10.153	880	887	895	rVB2	6043104	28228600	80.30%	3.197%
32	10.281	895	900	906	rVB2	1286273	4397969	12.51%	0.498%
33	10.409	906	913	917	rBV2	7110939	29374344	83.56%	3.327%
34	10.626	929	935	939	rBV3	4238279	15124403	43.03%	1.713%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031919\
Data File : VD061181.D
Acq On : 19 Mar 2019 13:27
Operator : VA/AP
Sample : K1970-03
Misc : 6.64g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-3-E.WALL-N.CENTER

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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

35	10.803	949	953	960	rVB	3672412	10486514	29.83%	1.188%
36	10.941	960	967	976	rVB3	5975500	23966612	68.18%	2.715%
37	11.108	976	984	990	rBV4	5246514	18370689	52.26%	2.081%
38	11.207	990	994	996	rBV	1235816	3273169	9.31%	0.371%
39	11.256	996	999	1004	rVB3	1627804	4422033	12.58%	0.501%
40	11.354	1004	1009	1017	rVB	3177433	11456594	32.59%	1.298%
41	11.502	1018	1024	1025	rBV3	5342732	13602973	38.70%	1.541%
42	11.679	1035	1042	1047	rBV2	6650234	28091302	79.91%	3.182%
43	11.778	1047	1052	1056	rVV2	6265868	24181081	68.79%	2.739%
44	11.866	1056	1061	1065	rVV	6115236	21638474	61.56%	2.451%
45	11.915	1065	1066	1071	rVB3	3504659	7572636	21.54%	0.858%
46	12.014	1071	1076	1079	rBV2	2163536	5920456	16.84%	0.671%
47	12.093	1079	1084	1086	rBV	3524433	10732168	30.53%	1.216%
48	12.142	1086	1089	1091	rVV	4408881	11355656	32.30%	1.286%
49	12.221	1093	1097	1104	rVB2	7620464	26859650	76.41%	3.042%
50	12.349	1104	1110	1117	rVB	9457738	34624662	98.50%	3.922%
51	12.477	1117	1123	1127	rBV2	5235981	15032724	42.76%	1.703%
52	12.575	1127	1133	1136	rBV3	3674907	11922527	33.92%	1.350%
53	12.664	1136	1142	1145	rBV4	4249977	16454657	46.81%	1.864%
54	12.782	1151	1154	1159	rVB	6965732	17223180	49.00%	1.951%
55	12.880	1159	1164	1168	rBV2	4268029	10898365	31.00%	1.234%
56	12.949	1168	1171	1174	rBV4	1975569	5196024	14.78%	0.589%
57	13.028	1174	1179	1186	rVV5	7836353	30914981	87.95%	3.502%
58	13.136	1186	1190	1193	rVV3	3437664	10257439	29.18%	1.162%
59	13.264	1194	1203	1206	rVV5	7763520	29778293	84.71%	3.373%
60	13.333	1206	1210	1216	rVV4	8543923	31433095	89.42%	3.560%
61	13.431	1216	1220	1223	rVB	4152036	10286331	29.26%	1.165%
62	13.500	1223	1227	1231	rBV4	4344825	11873256	33.78%	1.345%
63	13.579	1231	1235	1237	rBV3	3604181	7974560	22.69%	0.903%
64	13.697	1244	1247	1248	rBV	2953938	5255942	14.95%	0.595%
65	13.737	1248	1251	1254	rVV3	5548079	12135381	34.52%	1.375%
66	13.796	1254	1257	1259	rVV	4936444	9025935	25.68%	1.022%
67	13.845	1259	1262	1266	rVV6	3520205	9272115	26.38%	1.050%
68	13.914	1266	1269	1274	rVV4	3920512	14690301	41.79%	1.664%
69	13.993	1274	1277	1279	rVB2	4290379	7593300	21.60%	0.860%
70	14.042	1279	1282	1284	rBV3	2254127	4655568	13.24%	0.527%
71	14.140	1287	1292	1296	rBV5	3341345	11978303	34.08%	1.357%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031919\
Data File : VD061181.D
Acq On : 19 Mar 2019 13:27
Operator : VA/AP
Sample : K1970-03
Misc : 6.64g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-3-E.WALL-N.CENTER

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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

72	14.209	1296	1299	1301	rVV2	3738025	6428977	18.29%	0.728%
73	14.258	1301	1304	1307	rVV2	2763785	6388876	18.17%	0.724%
74	14.367	1311	1315	1320	rVV3	4550829	11472906	32.64%	1.300%
75	14.436	1320	1322	1328	rVB2	4262341	8637003	24.57%	0.978%
76	14.514	1328	1330	1334	rBV4	1302093	2585013	7.35%	0.293%
77	14.632	1339	1342	1346	rVB3	1960519	4853804	13.81%	0.550%
78	14.701	1346	1349	1354	rVB2	5739127	10545509	30.00%	1.194%
79	14.800	1354	1359	1362	rBV3	3401955	8226102	23.40%	0.932%
80	14.849	1362	1364	1366	rVB	813395	916958	2.61%	0.104%
81	14.938	1371	1373	1376	rVB2	577938	807178	2.30%	0.091%
82	15.007	1378	1380	1382	rBV3	203461	378620	1.08%	0.043%
83	15.046	1382	1384	1386	rVB	1772556	2081935	5.92%	0.236%
84	15.085	1386	1388	1390	rVB	942795	1005257	2.86%	0.114%
85	15.135	1390	1393	1397	rVB	2295043	3252499	9.25%	0.368%
86	15.213	1397	1401	1404	rVB4	155228	357640	1.02%	0.041%
87	15.272	1404	1407	1409	rBV3	267185	493642	1.40%	0.056%
88	15.341	1412	1414	1417	rVB	314349	407559	1.16%	0.046%
89	15.666	1444	1447	1451	rVB	360035	478967	1.36%	0.054%

Sum of corrected areas: 882869418

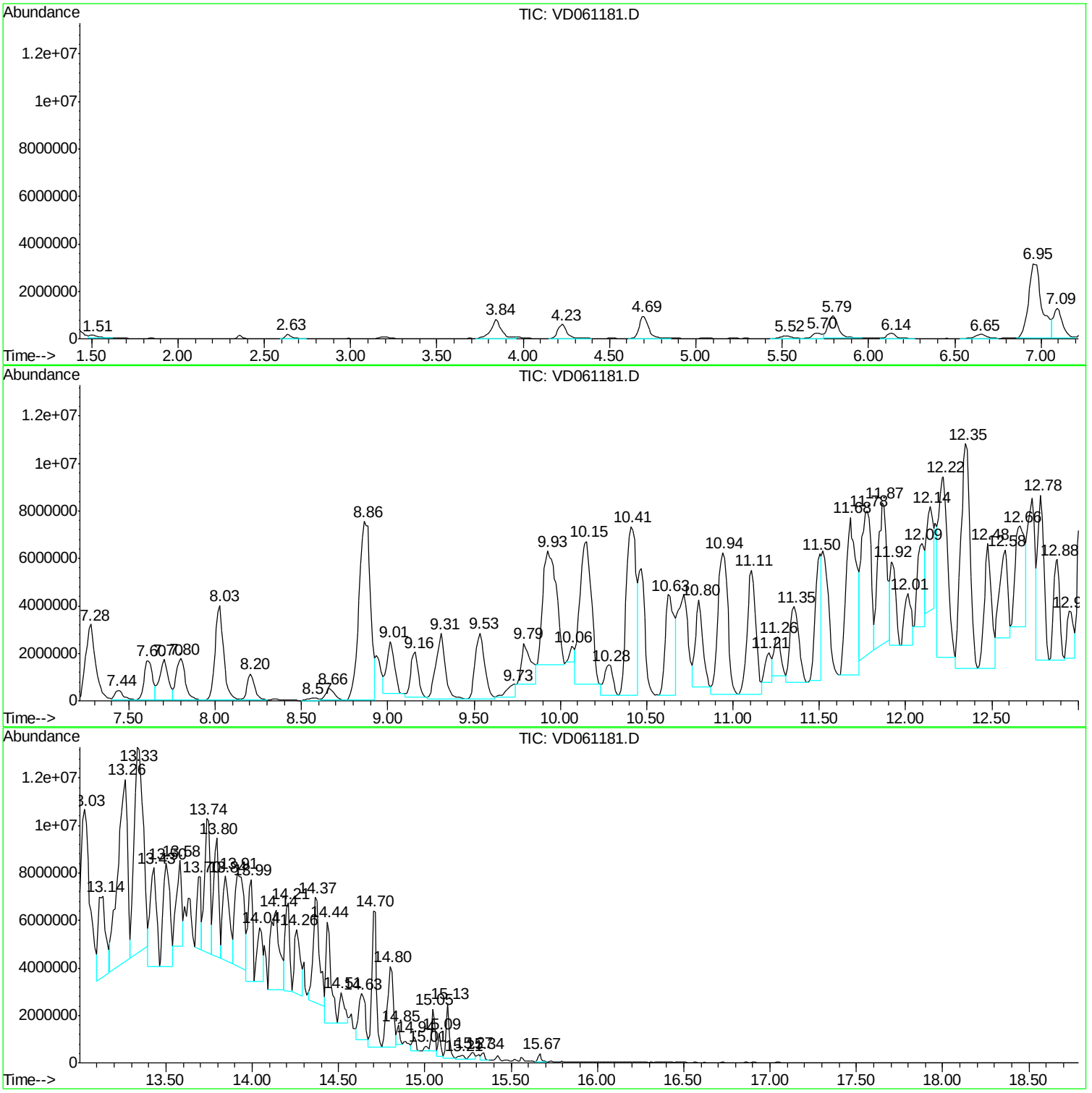
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031919\
Data File : VD061181.D
Acq On : 19 Mar 2019 13:27
Operator : VA/AP
Sample : K1970-03
Misc : 6.64g/5ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P-3-E.WALL-N.CENTER

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:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031919\
Data File : VD061181.D
Acq On : 19 Mar 2019 13:27
Operator : VA/AP
Sample : K1970-03
Misc : 6.64g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P-3-E.WALL-N.CENTER

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

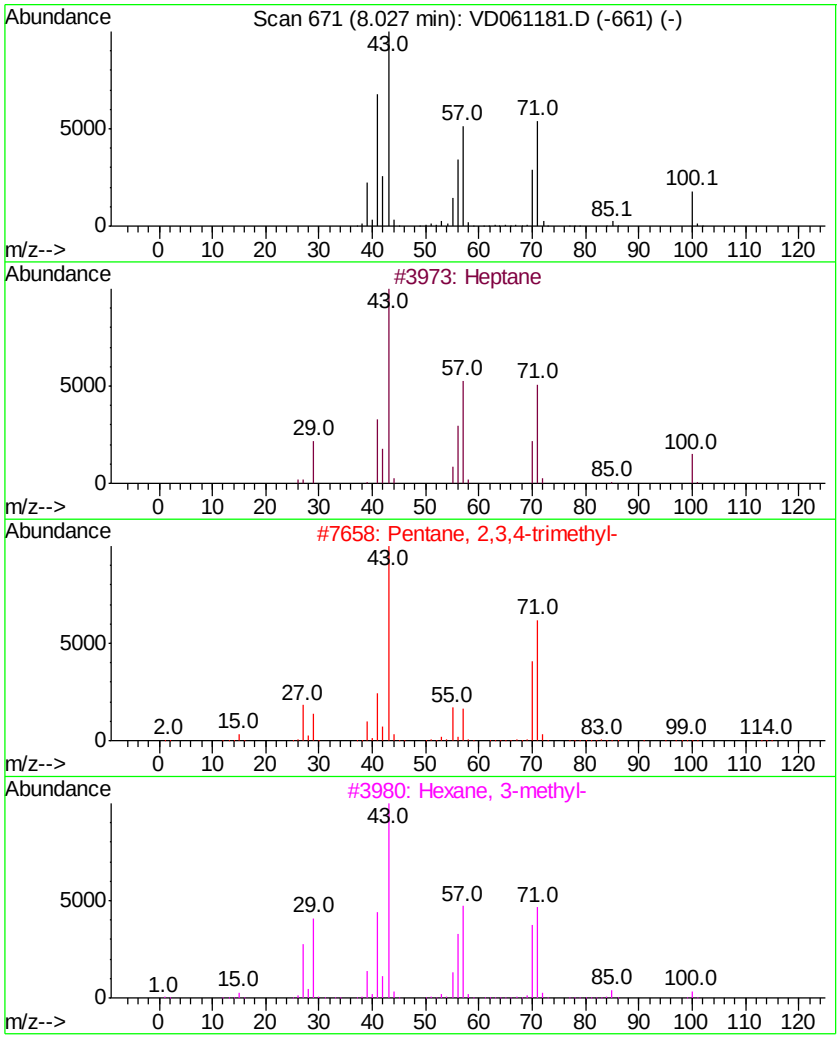
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

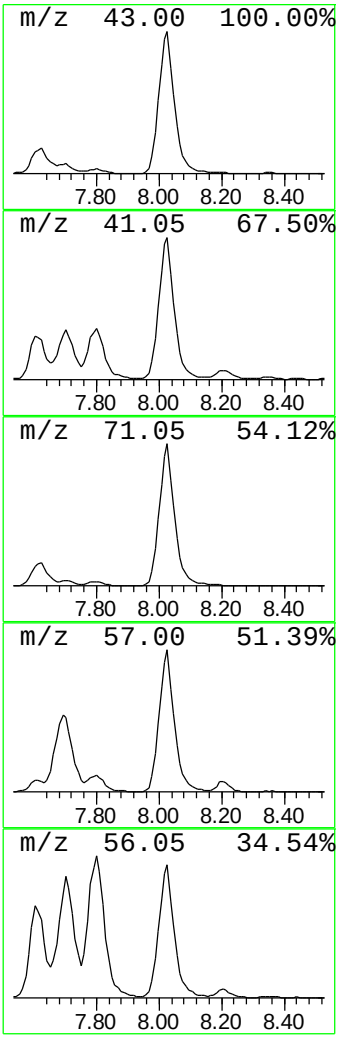
****

Peak Number 1 Heptane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	204.28 ug/l	13706900	1,4-Difluorobenzene	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	40
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	40
4	3-Hexanone	100	C6H12O	000589-38-8	35
5	1-Hexanamine, N-nitro-	146	C6H14N2O2	098275-81-1	32





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031919\
Data File : VD061181.D
Acq On : 19 Mar 2019 13:27
Operator : VA/AP
Sample : K1970-03
Misc : 6.64g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-3-E.WALL-N.CENTER

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

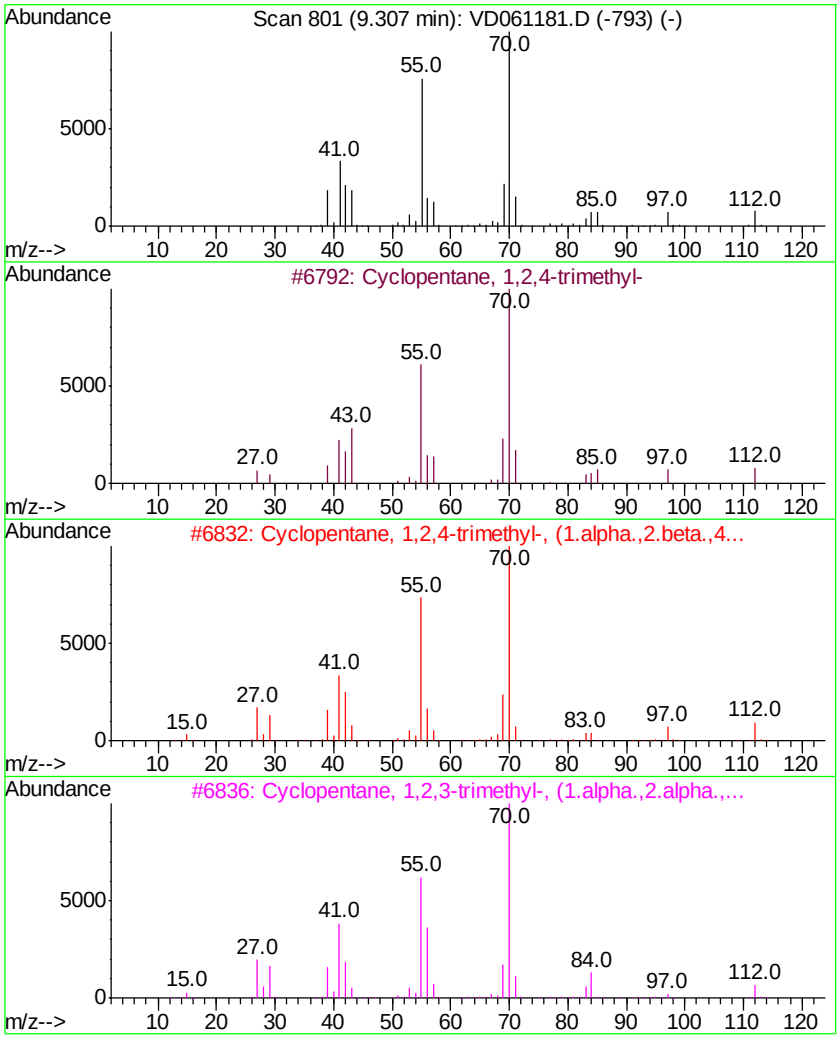
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

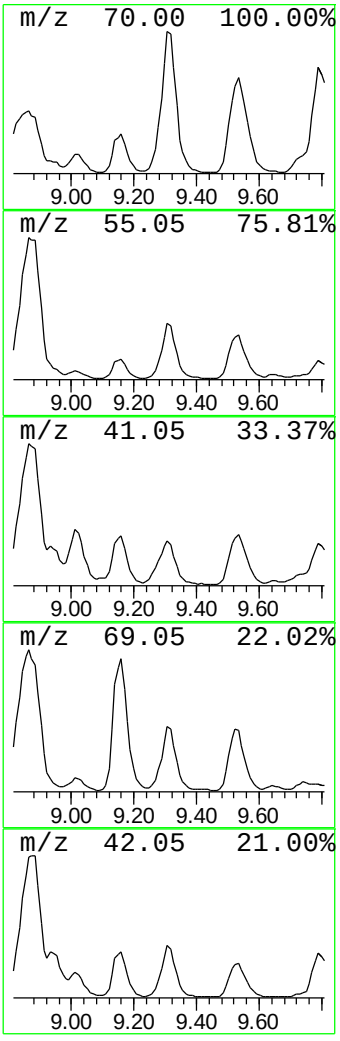
****

Peak Number 2 Cyclopentane, 1,2,4-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	154.87 ug/l	10391500	1,4-Difluorobenzene	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	95
2	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	90
3	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	80
4	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	74
5	Nonane, 3-methylene-	140	C10H20	051655-64-2	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031919\
Data File : VD061181.D
Acq On : 19 Mar 2019 13:27
Operator : VA/AP
Sample : K1970-03
Misc : 6.64g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-3-E.WALL-N.CENTER

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

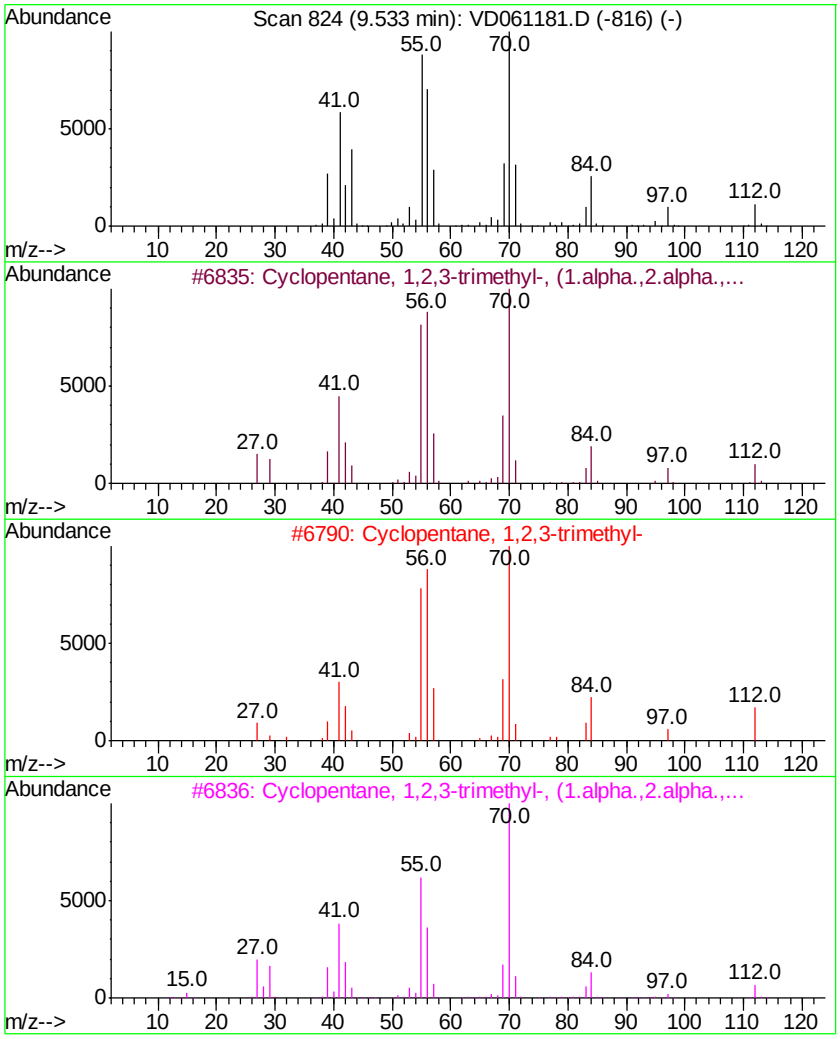
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

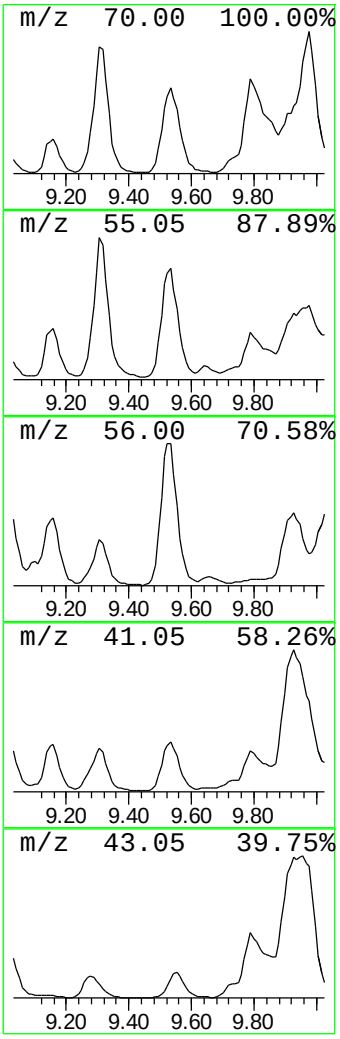
****

Peak Number 3 Cyclopentane, 1,2,3-trimeth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	158.36 ug/l	10625800	1,4-Difluorobenzene	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	93
2	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	87
3	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	64
4	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	58
5	Heptane, 3-methylene-	112	C8H16	001632-16-2	52





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031919\
Data File : VD061181.D
Acq On : 19 Mar 2019 13:27
Operator : VA/AP
Sample : K1970-03
Misc : 6.64g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-3-E.WALL-N.CENTER

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

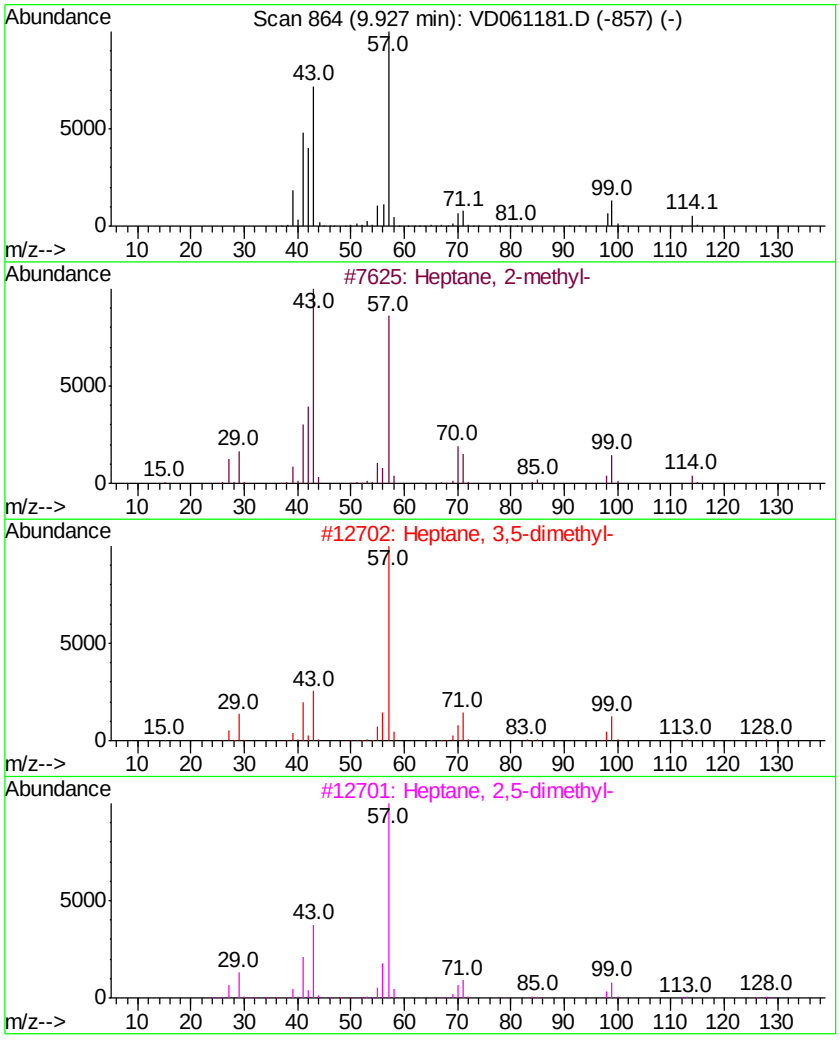
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

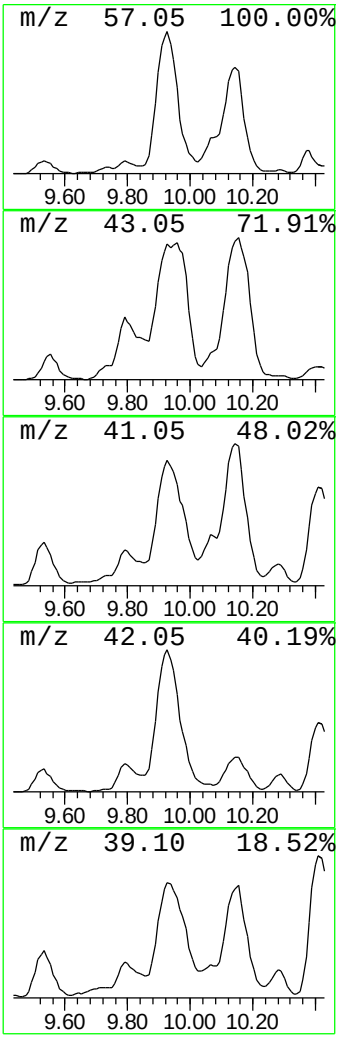
****

Peak Number 4 Heptane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	390.70 ug/l	26215200	1,4-Difluorobenzene	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	86
2	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	43
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	38
4	Sulfurous acid, 2-propyl heptyl ...	222	C10H22O3S	1000309-11-8	38
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031919\
Data File : VD061181.D
Acq On : 19 Mar 2019 13:27
Operator : VA/AP
Sample : K1970-03
Misc : 6.64g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-3-E.WALL-N.CENTER

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

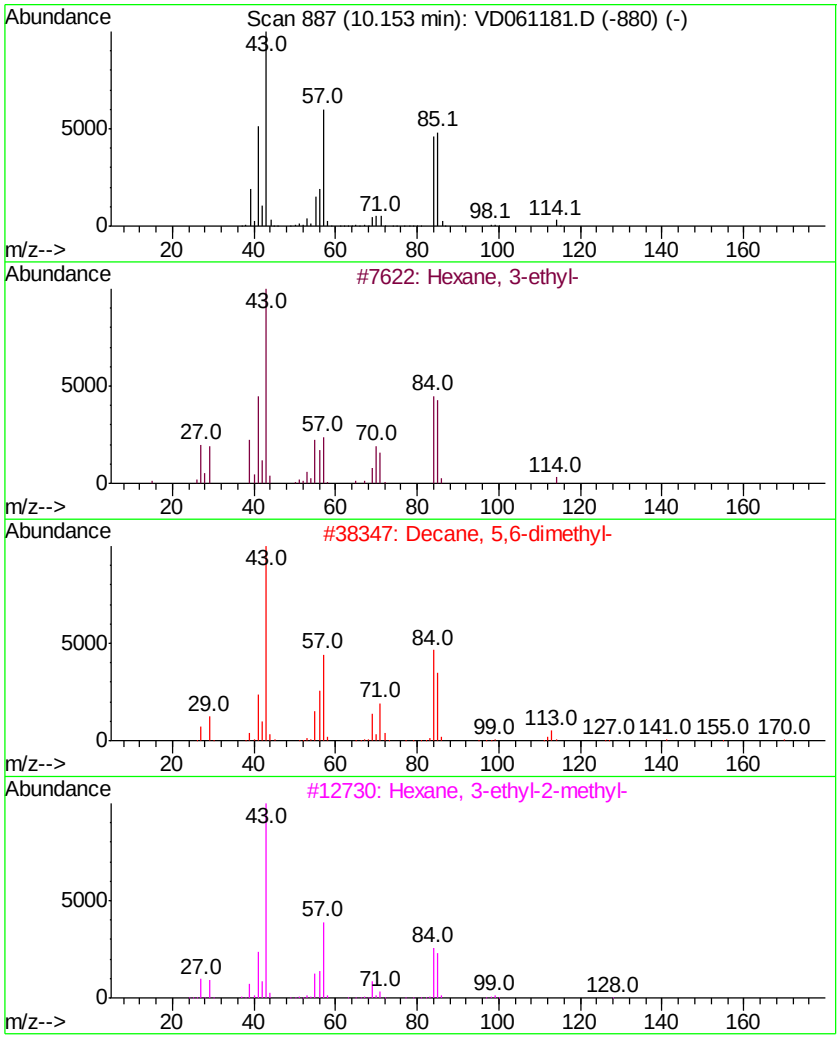
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

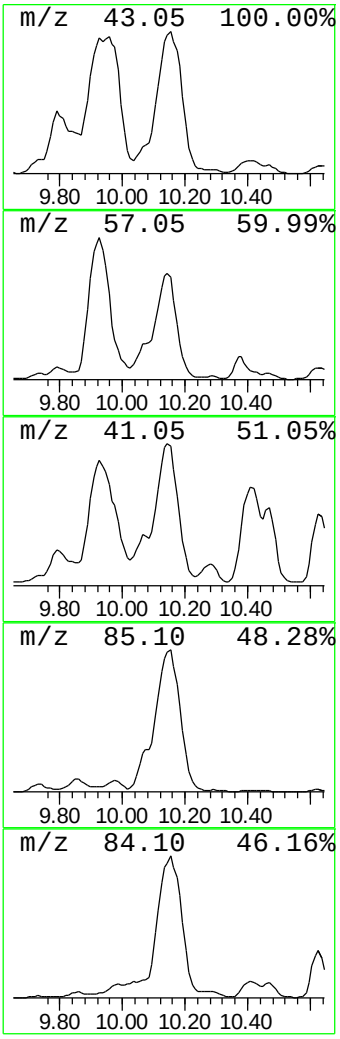
****

Peak Number 5 Hexane, 3-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	420.71 ug/l	28228600	1,4-Difluorobenzene	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-ethyl-	114	C8H18	000619-99-8	86
2	Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	72
3	Hexane, 3-ethyl-2-methyl-	128	C9H20	016789-46-1	64
4	Heptane, 3-methyl-	114	C8H18	000589-81-1	64
5	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031919\
Data File : VD061181.D
Acq On : 19 Mar 2019 13:27
Operator : VA/AP
Sample : K1970-03
Misc : 6.64g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-3-E.WALL-N.CENTER

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

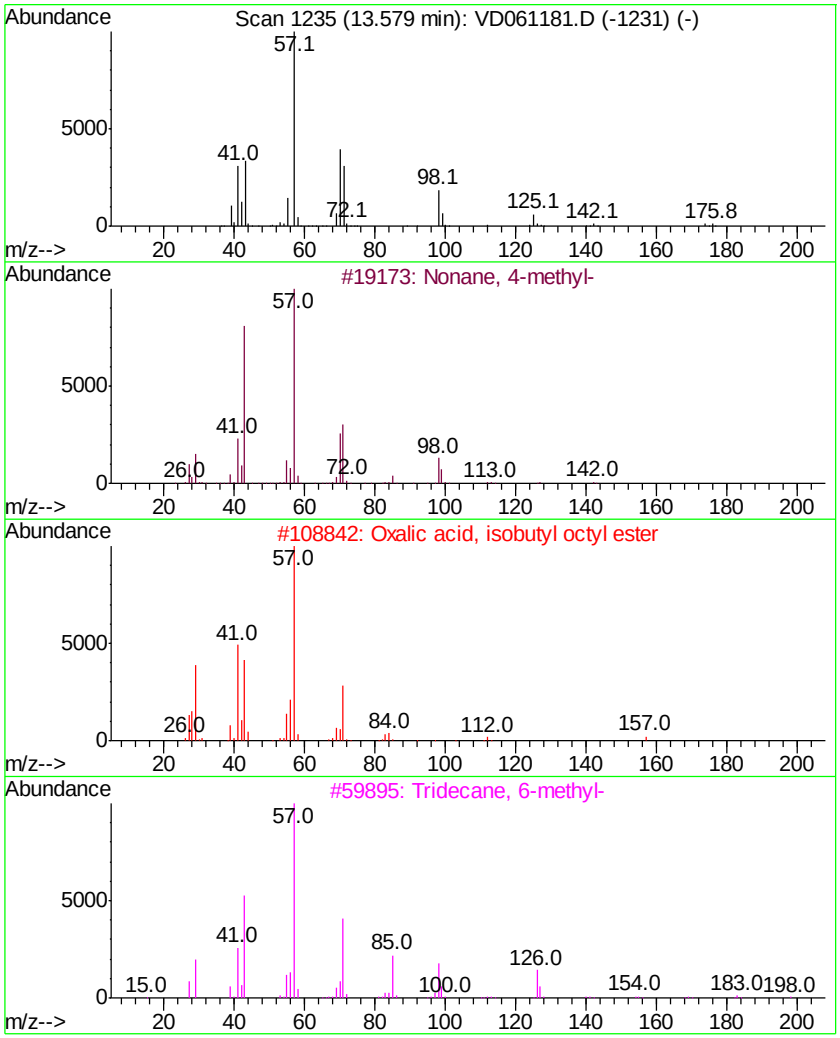
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

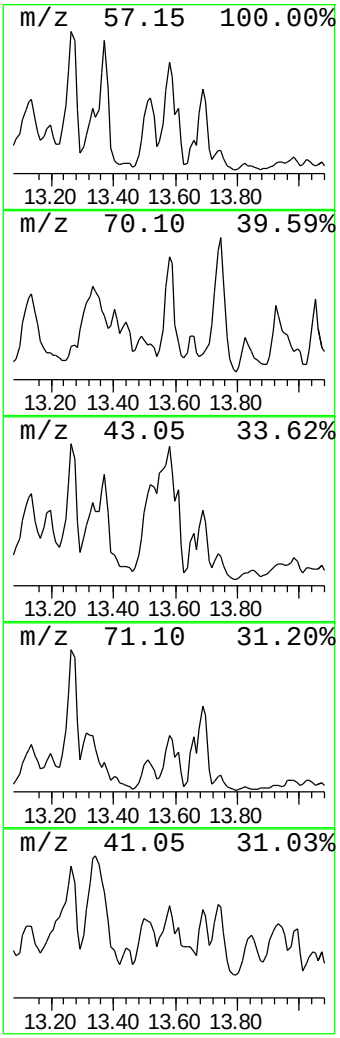
****

Peak Number 6 Nonane, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	154.25 ug/l	7974560	1,4-Dichlorobenzene-d4	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	59
2	Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	35
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	32
4	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	32
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	32





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031919\
Data File : VD061181.D
Acq On : 19 Mar 2019 13:27
Operator : VA/AP
Sample : K1970-03
Misc : 6.64g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-3-E.WALL-N.CENTER

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

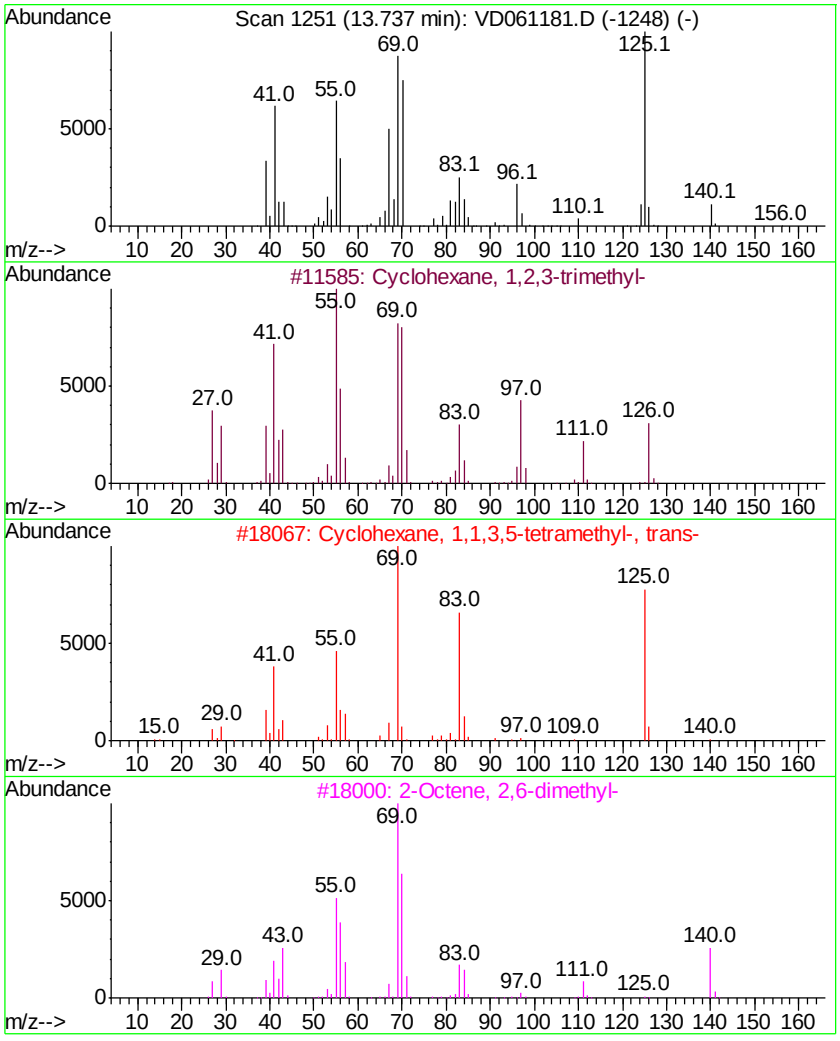
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

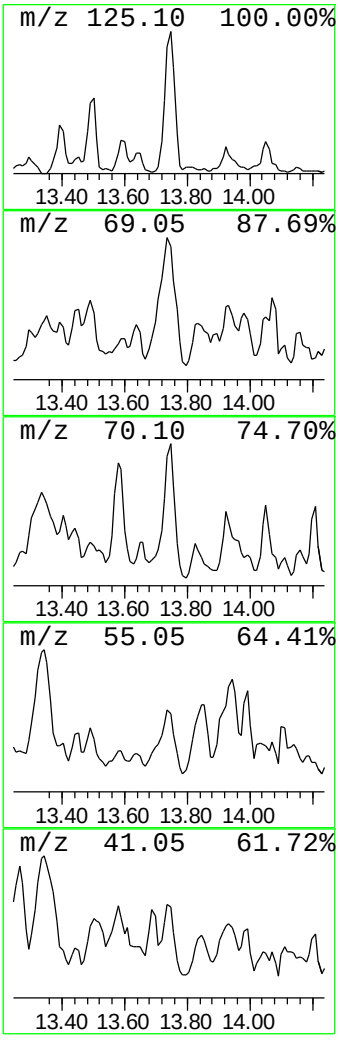
****

Peak Number 7 Cyclohexane, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	234.73 ug/l	12135400	1,4-Dichlorobenzene-d4	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	46
2	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	43
3	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	43
4	2,6-Nonadienal, (E,E)-	138	C9H14O	017587-33-6	38
5	4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	35





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031919\
Data File : VD061181.D
Acq On : 19 Mar 2019 13:27
Operator : VA/AP
Sample : K1970-03
Misc : 6.64g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-3-E.WALL-N.CENTER

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

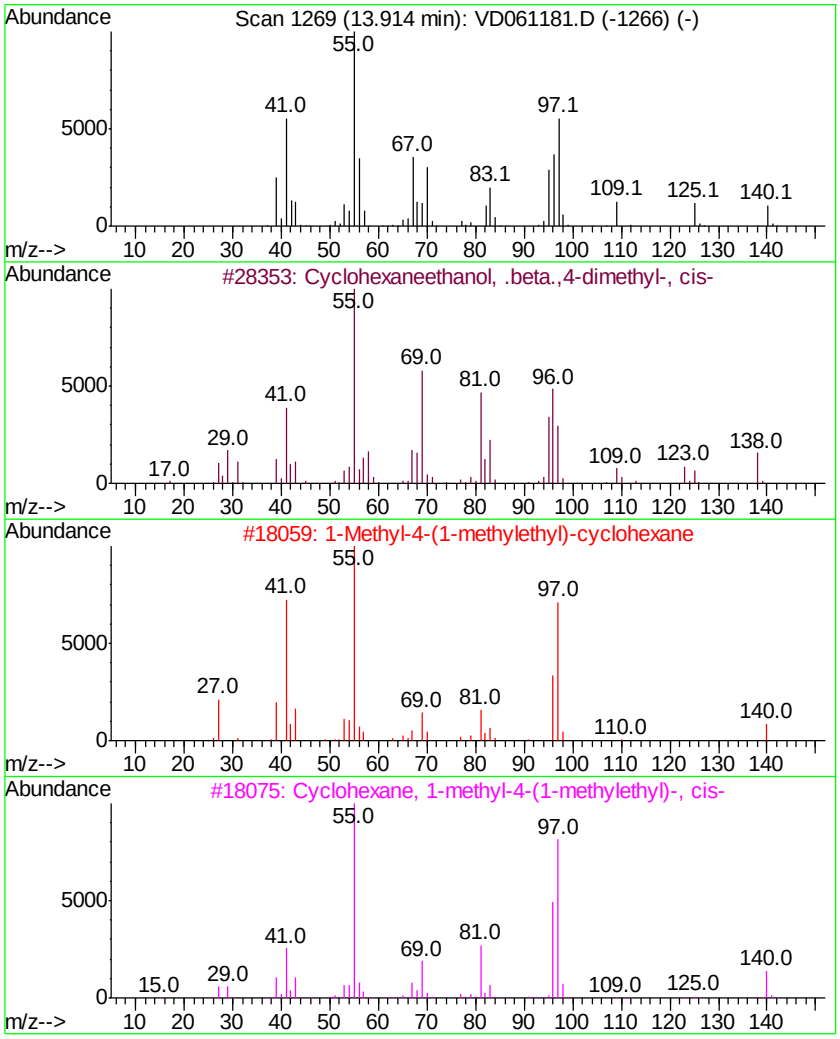
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

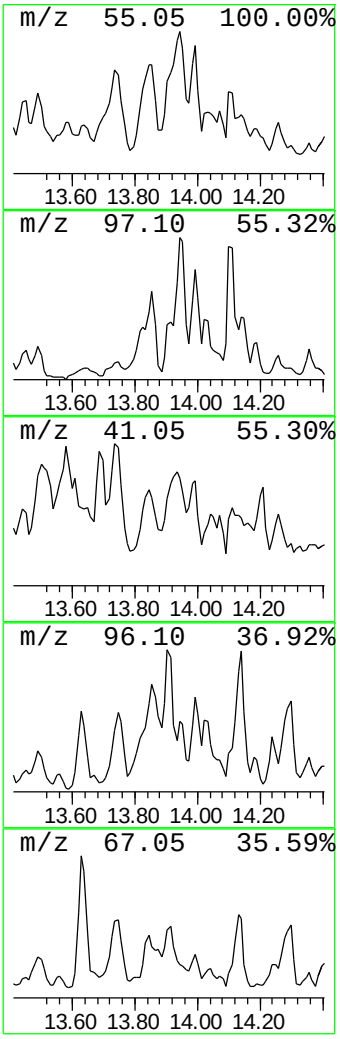
****

Peak Number 8 unknown13.91 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	284.14 ug/l	14690300	1,4-Dichlorobenzene-d4	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexaneethanol, .beta.,4-dim...	156	C10H20O	005113-95-1	43
2	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	38
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	38
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	38
5	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	35





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031919\
Data File : VD061181.D
Acq On : 19 Mar 2019 13:27
Operator : VA/AP
Sample : K1970-03
Misc : 6.64g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-3-E.WALL-N.CENTER

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

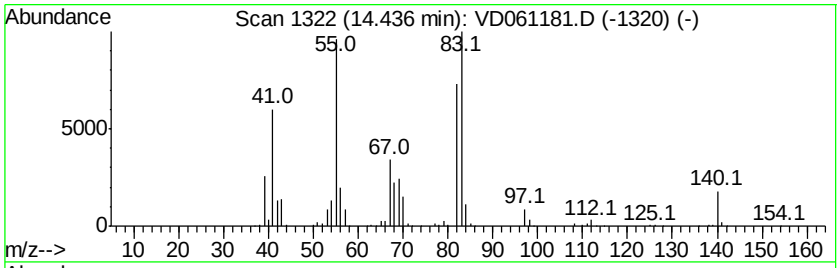
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

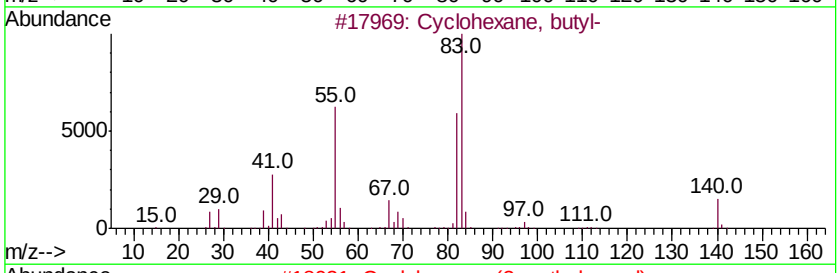
****

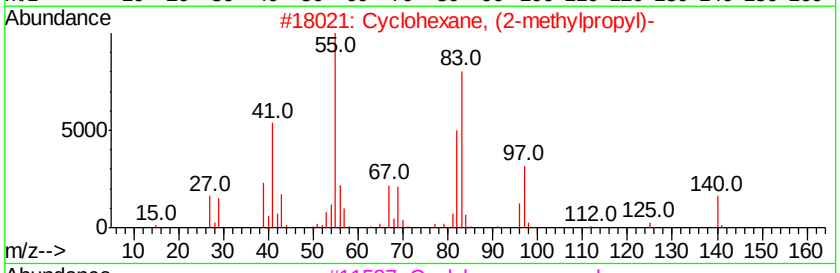
Peak Number 9 Cyclohexane, butyl- Concentration Rank 7

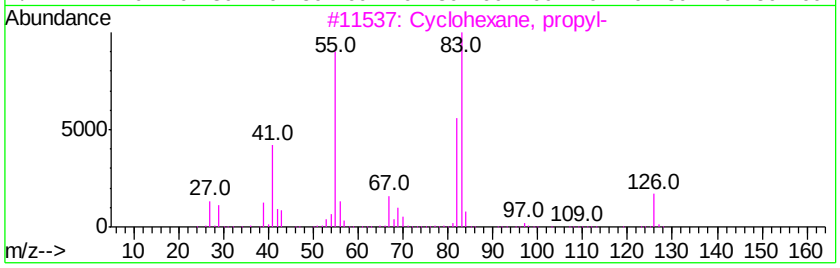
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	167.06 ug/l	8637000	1,4-Dichlorobenzene-d4	14.51

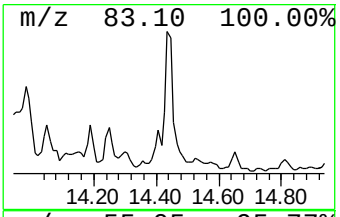
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	80
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	74
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	59
5	Acetic acid, mercapto-, cyclohex...	174	C8H14O2S	016849-98-2	50

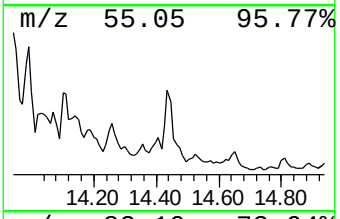


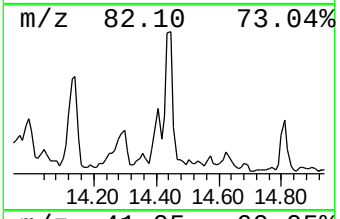


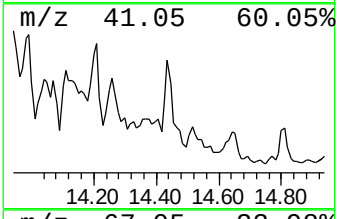


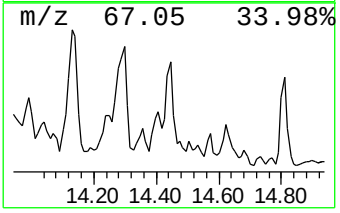












Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031919\
Data File : VD061181.D
Acq On : 19 Mar 2019 13:27
Operator : VA/AP
Sample : K1970-03
Misc : 6.64g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-3-E.WALL-N.CENTER

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

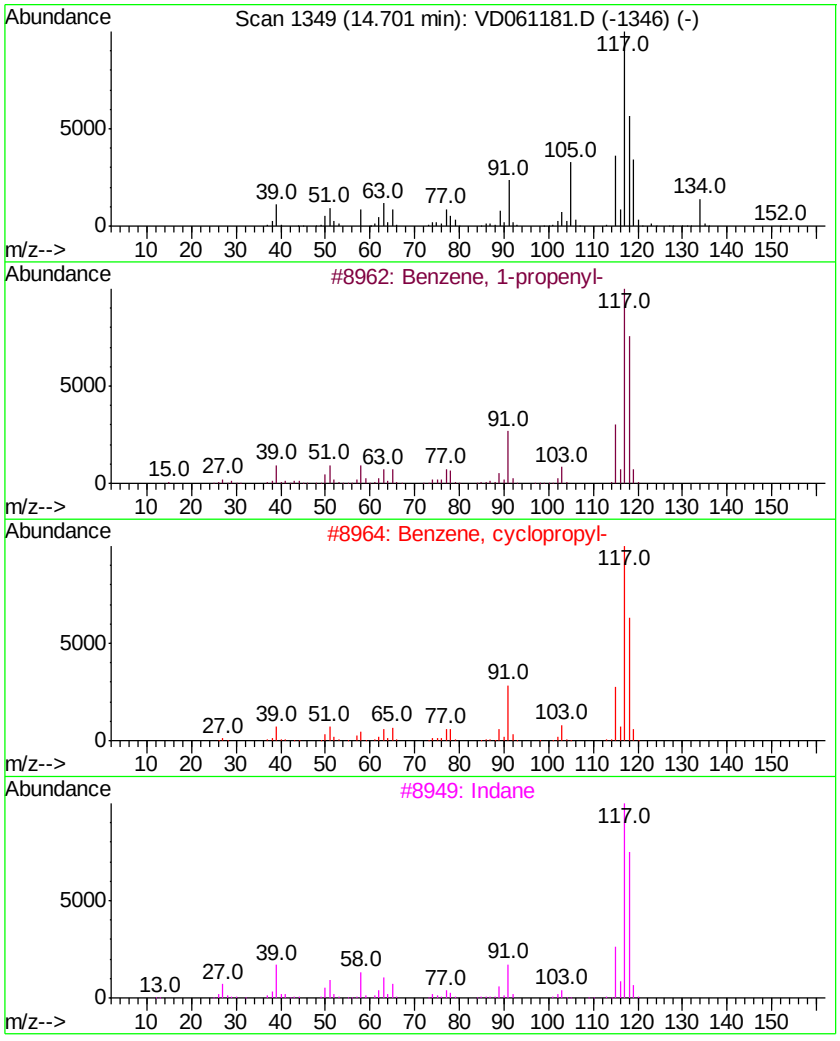
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

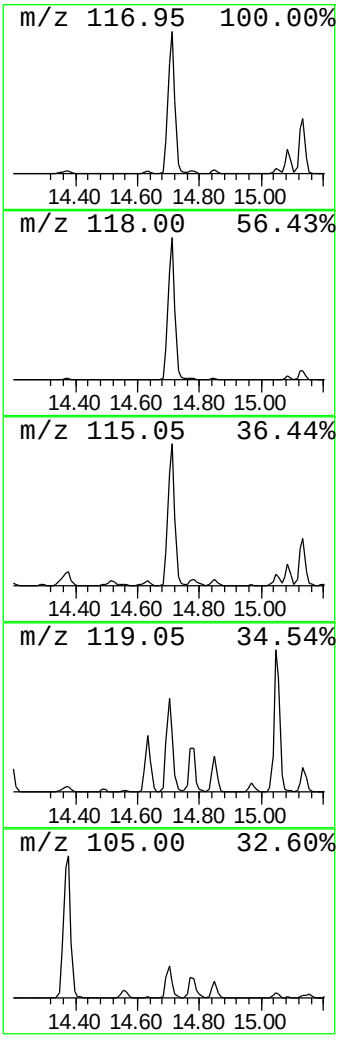
****

Peak Number 10 Benzene, 1-propenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	203.97 ug/l	10545500	1,4-Dichlorobenzene-d4	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	92
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
3	Indane	118	C9H10	000496-11-7	64
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031919\
Data File : VD061181.D
Acq On : 19 Mar 2019 13:27
Operator : VA/AP
Sample : K1970-03
Misc : 6.64g/5ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-3-E.WALL-N.CENTER

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Heptane	8.03	204.3	ug/l	13706900	2	8.20	3354920	50.0
Cyclopentane, 1,2...	9.31	154.9	ug/l	10391500	2	8.20	3354920	50.0
Cyclopentane, 1,2...	9.53	158.4	ug/l	10625800	2	8.20	3354920	50.0
Heptane, 2-methyl-	9.93	390.7	ug/l	26215200	2	8.20	3354920	50.0
Hexane, 3-ethyl-	10.15	420.7	ug/l	28228600	2	8.20	3354920	50.0
Nonane, 4-methyl-	13.58	154.3	ug/l	7974560	4	14.51	2585010	50.0
Cyclohexane, 1,2,...	13.74	234.7	ug/l	12135400	4	14.51	2585010	50.0
unknown13.91	13.91	284.1	ug/l	14690300	4	14.51	2585010	50.0
Cyclohexane, butyl-	14.44	167.1	ug/l	8637000	4	14.51	2585010	50.0
Benzene, 1-propenyl-	14.70	204.0	ug/l	10545500	4	14.51	2585010	50.0