LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052219\
Data File : VD062505.D
Acq On : 22 May 2019 16:21
Operator : VA/AP
Sample : K2996-04
Misc : 5.91g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-3(0.5-1.0)

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\82D052019S.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	2.356	90	95	103	rBV	121660	317215	6.66%	0.536%
2	2.631	118	123	133	rBV	126266	327639	6.88%	0.554%
3	3.832	233	245	252	rBV	357187	1450411	30.44%	2.451%
4	4.206	275	283	301	rBV	255550	917486	19.26%	1.550%
5	4.678	323	331	343	rBV	275053	939947	19.73%	1.588%
6	5.052	359	369	376	rBV	78755	274712	5.77%	0.464%
7	5.200	377	384	391	rVB2	45708	143951	3.02%	0.243%
8	5.535	405	418	424	rBV3	76909	300096	6.30%	0.507%
9	5.682	427	433	438	rVV	66238	235072	4.93%	0.397%
10	5.781	438	443	450	rVV	118200	413828	8.69%	0.699%
11	6.637	517	530	539	rBV2	96697	416317	8.74%	0.703%
12	6.952	554	562	570	rBV	387098	1320251	27.71%	2.231%
13	7.080	570	575	586	rVB2	189581	729880	15.32%	1.233%
14	7.257	586	593	607	rVB	474533	1395672	29.29%	2.358%
15	7.601	623	628	631	rBV	108517	294596	6.18%	0.498%
16	7.680	631	636	641	rVV	245512	734809	15.42%	1.242%
17	8.005	660	669	682	rVV	327974	929371	19.51%	1.570%
18	8.192	682	688	698	rVV2	279272	988398	20.75%	1.670%
19	8.428	708	712	717	rVV	76916	190526	4.00%	0.322%
20	8.536	717	723	730	rVV4	86581	321888	6.76%	0.544%
21	8.841	743	754	759	rBV4	152526	599560	12.58%	1.013%
22	8.920	759	762	766	rVV	94700	257729	5.41%	0.435%
23	8.998	766	770	775	rVB	119312	312433	6.56%	0.528%
24	9.136	780	784	789	rBV2	45256	105534	2.22%	0.178%
25	9.284	793	799	804	rBV4	40805	137421	2.88%	0.232%
26	9.372	804	808	818	rVB7	27865	107214	2.25%	0.181%
27	9.530	818	824	830	rBV	191189	546883	11.48%	0.924%
28	9.638	830	835	836	rBV2	56628	125849	2.64%	0.213%
29	9.717	836	843	846	rBV3	131115	479988	10.07%	0.811%
30	9.766	846	848	856	rVB3	142283	368608	7.74%	0.623%
31	9.894	856	861	864	rBV	364585	987252	20.72%	1.668%
32	10.101	878	882	890	rVV	399827	1112128	23.34%	1.879%
33	10.248	894	897	902	rVB	50269	118639	2.49%	0.200%
34	10.376	902	910	914	rBV5	131553	574678	12.06%	0.971%

LSC Area Percent Report

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Acq On : 22 May 2019 16:21
Operator : VA/AP
Sample : K2996-04
Misc : 5.91g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-3(0.5-1.0)

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\82D052019S.M
Title : SW846 8260

35	10.603	928	933	935	rBV2	111671	258970	5.44%	0.438%
36	10.652	935	938	944	rVV2	87219	302389	6.35%	0.511%
37	10.770	945	950	955	rVV2	399749	1013553	21.27%	1.713%
38	10.878	955	961	969	rVB4	130812	522718	10.97%	0.883%
39	11.095	975	983	988	rBV5	159442	639885	13.43%	1.081%
40	11.321	1002	1006	1010	rBV	59447	141147	2.96%	0.238%
41	11.469	1017	1021	1025	rBV	111279	247742	5.20%	0.419%
42	11.626	1029	1037	1044	rVV2	177820	735346	15.43%	1.242%
43	11.734	1044	1048	1052	rVV3	118779	295187	6.20%	0.499%
44	11.823	1052	1057	1061	rVV4	69938	264399	5.55%	0.447%
45	11.882	1061	1063	1067	rVV4	56355	140248	2.94%	0.237%
46	11.961	1067	1071	1077	rVV4	133316	448471	9.41%	0.758%
47	12.049	1077	1080	1082	rVV2	86837	168379	3.53%	0.284%
48	12.108	1082	1086	1088	rVV	134596	350424	7.35%	0.592%
49	12.167	1088	1092	1101	rVV2	485729	1329076	27.90%	2.246%
50	12.295	1101	1105	1108	rVV	418270	820252	17.22%	1.386%
51	12.344	1108	1110	1113	rVV2	99433	198804	4.17%	0.336%
52	12.413	1113	1117	1118	rVV3	64825	155070	3.25%	0.262%
53	12.453	1118	1121	1124	rVV	126148	309067	6.49%	0.522%
54	12.512	1124	1127	1132	rVV	1012799	1785981	37.49%	3.018%
55	12.581	1132	1134	1137	rVV2	146610	342600	7.19%	0.579%
56	12.659	1137	1142	1147	rVV	2202064	4345983	91.22%	7.343%
57	12.728	1147	1149	1156	rVV3	372115	774869	16.26%	1.309%
58	12.856	1156	1162	1165	rVV3	52715	142616	2.99%	0.241%
59	12.984	1171	1175	1178	rVV3	106817	254520	5.34%	0.430%
60	13.082	1182	1185	1189	rVV3	100329	222861	4.68%	0.377%
61	13.141	1189	1191	1194	rVV3	50468	117782	2.47%	0.199%
62	13.210	1195	1198	1201	rVV2	107532	220068	4.62%	0.372%
63	13.299	1201	1207	1212	rVV5	92519	349275	7.33%	0.590%
64	13.387	1213	1216	1221	rVV	471892	863547	18.12%	1.459%
65	13.476	1221	1225	1227	rVV4	80577	216562	4.55%	0.366%
66	13.545	1229	1232	1233	rVV2	158023	310201	6.51%	0.524%
67	13.565	1233	1234	1238	rVV	197696	313714	6.58%	0.530%
68	13.653	1241	1243	1246	rVV	164238	245097	5.14%	0.414%
69	13.702	1246	1248	1251	rVV3	47340	109955	2.31%	0.186%
70	13.761	1251	1254	1258	rVV	496564	703099	14.76%	1.188%
71	13.870	1262	1265	1268	rVV	1032399	1353978	28.42%	2.288%

LSC Area Percent Report

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Acq On : 22 May 2019 16:21
Operator : VA/AP
Sample : K2996-04
Misc : 5.91g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-3(0.5-1.0)

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\82D052019S.M
Title : SW846 8260

72	13.919	1268	1270	1277	rVV	1052571	1701081	35.70%	2.874%
73	14.076	1281	1286	1292	rVV	425636	728680	15.29%	1.231%
74	14.224	1298	1301	1308	rVV	3380220	4764493	100.00%	8.050%
75	14.362	1308	1315	1317	rVV4	60472	198597	4.17%	0.336%
76	14.431	1320	1322	1324	rVV	81409	117128	2.46%	0.198%
77	14.509	1328	1330	1331	rVV	116634	147888	3.10%	0.250%
78	14.549	1331	1334	1339	rVV	934128	1291276	27.10%	2.182%
79	14.696	1346	1349	1354	rVV2	646294	1014468	21.29%	1.714%
80	14.765	1354	1356	1361	rVV	847595	1211972	25.44%	2.048%
81	14.873	1365	1367	1368	rVV	92986	118437	2.49%	0.200%
82	14.903	1368	1370	1374	rVV	183250	234041	4.91%	0.395%
83	14.962	1374	1376	1378	rVV	354540	558707	11.73%	0.944%
84	14.992	1378	1379	1382	rVV	384352	387321	8.13%	0.654%
85	15.041	1382	1384	1387	rVV	541405	758133	15.91%	1.281%
86	15.129	1390	1393	1398	rVB3	213300	361502	7.59%	0.611%
87	15.257	1404	1406	1409	rVV	162561	194235	4.08%	0.328%
88	15.336	1409	1414	1416	rVV	421278	657387	13.80%	1.111%
89	15.366	1416	1417	1420	rVV	560707	639183	13.42%	1.080%
90	15.425	1420	1423	1425	rVV	127605	240950	5.06%	0.407%
91	15.454	1425	1426	1428	rVV	110215	125442	2.63%	0.212%
92	15.562	1432	1437	1439	rVV2	263751	482841	10.13%	0.816%
93	15.621	1441	1443	1445	rVV	118518	183364	3.85%	0.310%
94	15.661	1445	1447	1451	rVV2	704530	907072	19.04%	1.533%
95	15.730	1451	1454	1457	rVV2	153872	225724	4.74%	0.381%
96	15.907	1463	1472	1476	rBV2	153126	501579	10.53%	0.847%
97	15.985	1476	1480	1485	rVB	124660	191997	4.03%	0.324%
98	16.113	1490	1493	1496	rVV	1107950	1235401	25.93%	2.087%
99	16.901	1570	1573	1577	rBV	291261	381030	8.00%	0.644%
100	17.038	1584	1587	1591	rBV	97530	134852	2.83%	0.228%

Sum of corrected areas: 59184597

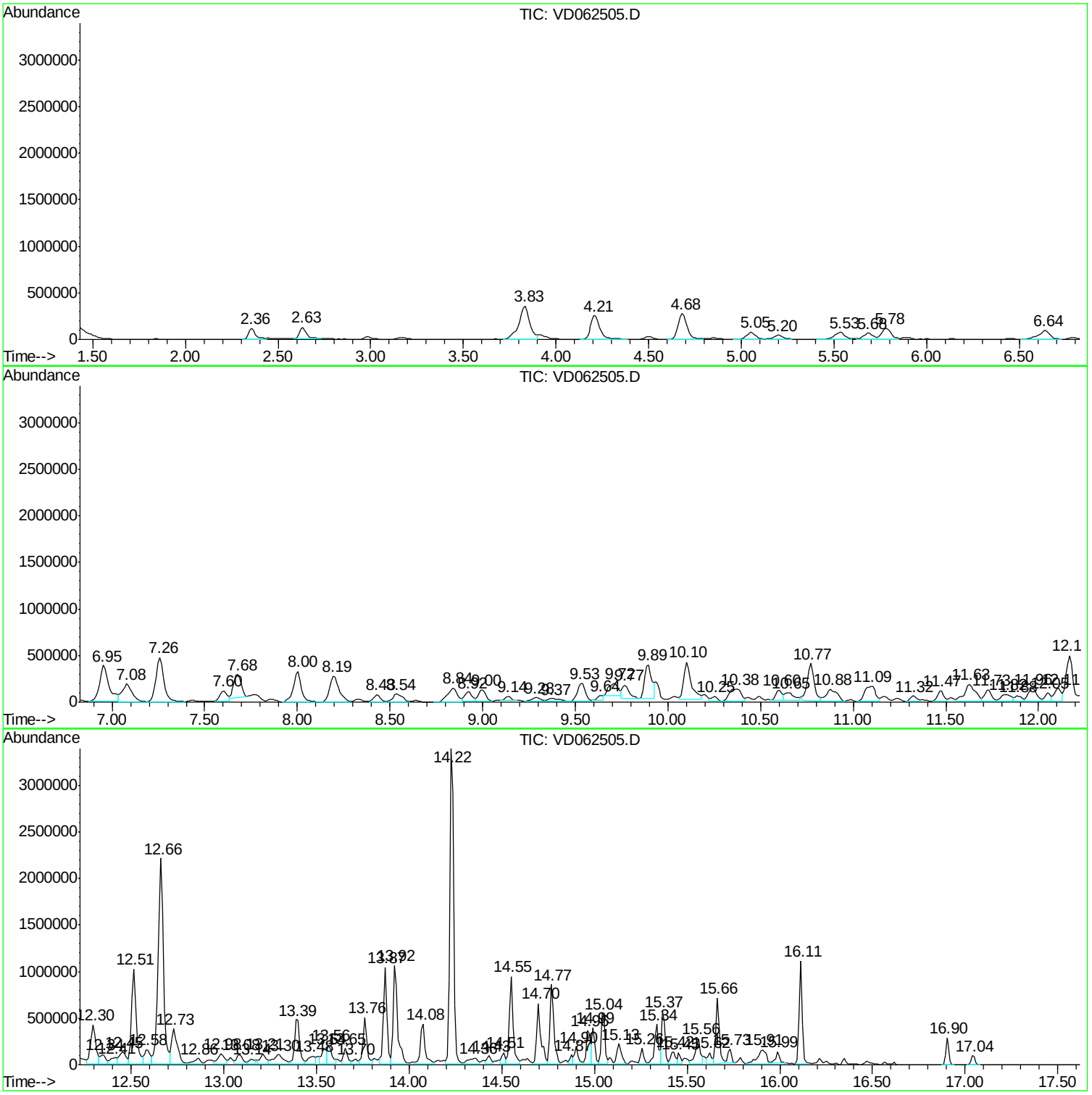
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052219\
Data File : VD062505.D
Acq On : 22 May 2019 16:21
Operator : VA/AP
Sample : K2996-04
Misc : 5.91g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P-3(0.5-1.0)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052219\
Data File : VD062505.D
Acq On : 22 May 2019 16:21
Operator : VA/AP
Sample : K2996-04
Misc : 5.91g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-3(0.5-1.0)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
Quant Title : SW846 8260

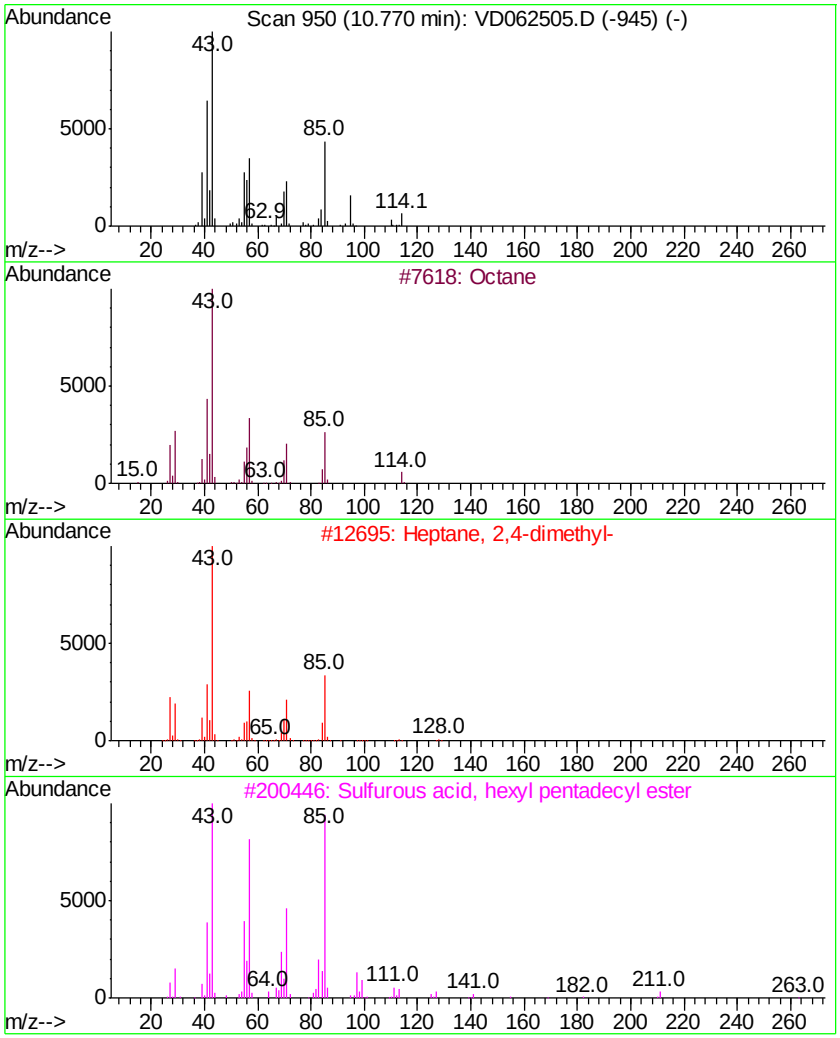
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

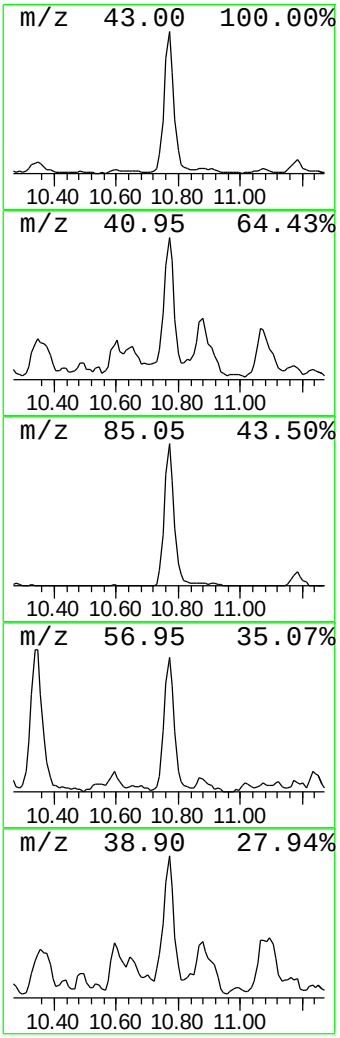
****

Peak Number 1 Octane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	254.91 ug/l	1013550	Chlorobenzene-d5	12.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	76
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
3	Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	59
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	53
5	Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052219\
Data File : VD062505.D
Acq On : 22 May 2019 16:21
Operator : VA/AP
Sample : K2996-04
Misc : 5.91g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-3(0.5-1.0)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
Quant Title : SW846 8260

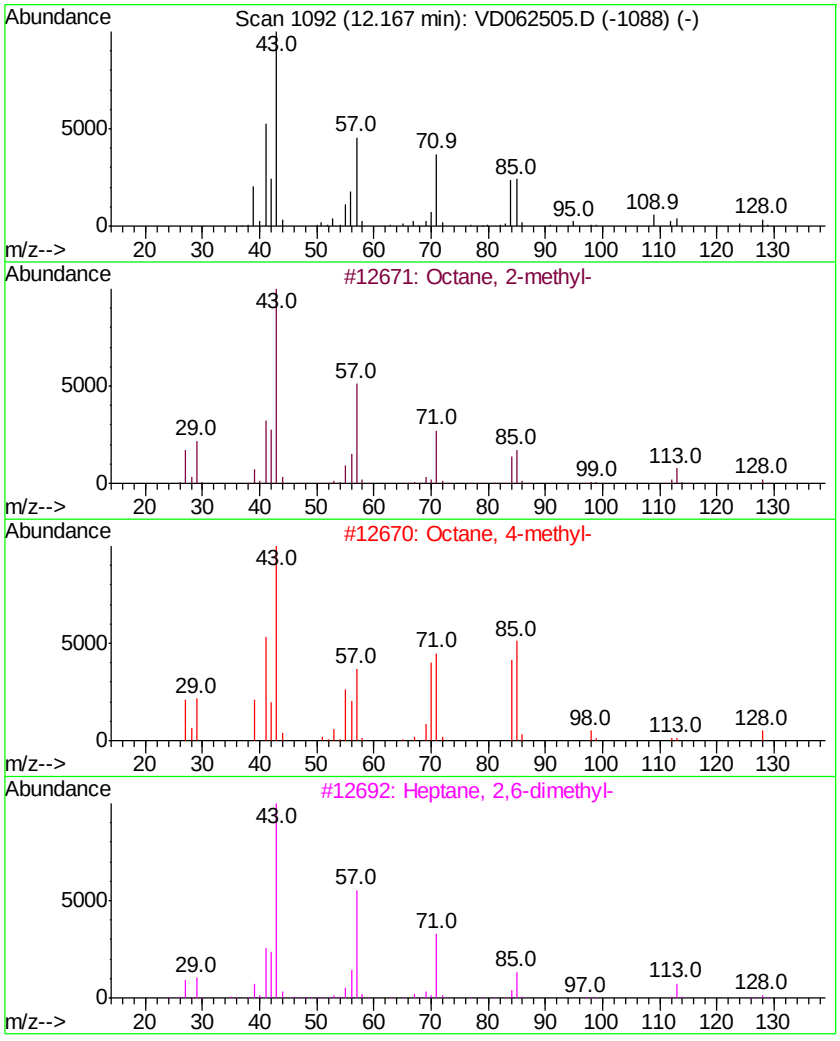
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

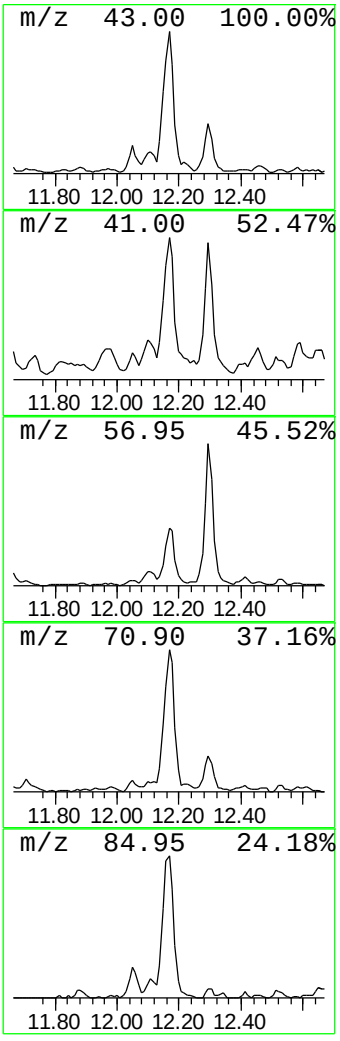
****

Peak Number 2 Octane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	334.27 ug/l	1329080	Chlorobenzene-d5	12.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	83
2	Octane, 4-methyl-	128	C9H20	002216-34-4	64
3	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	59
4	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	59
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052219\
Data File : VD062505.D
Acq On : 22 May 2019 16:21
Operator : VA/AP
Sample : K2996-04
Misc : 5.91g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-3(0.5-1.0)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
Quant Title : SW846 8260

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

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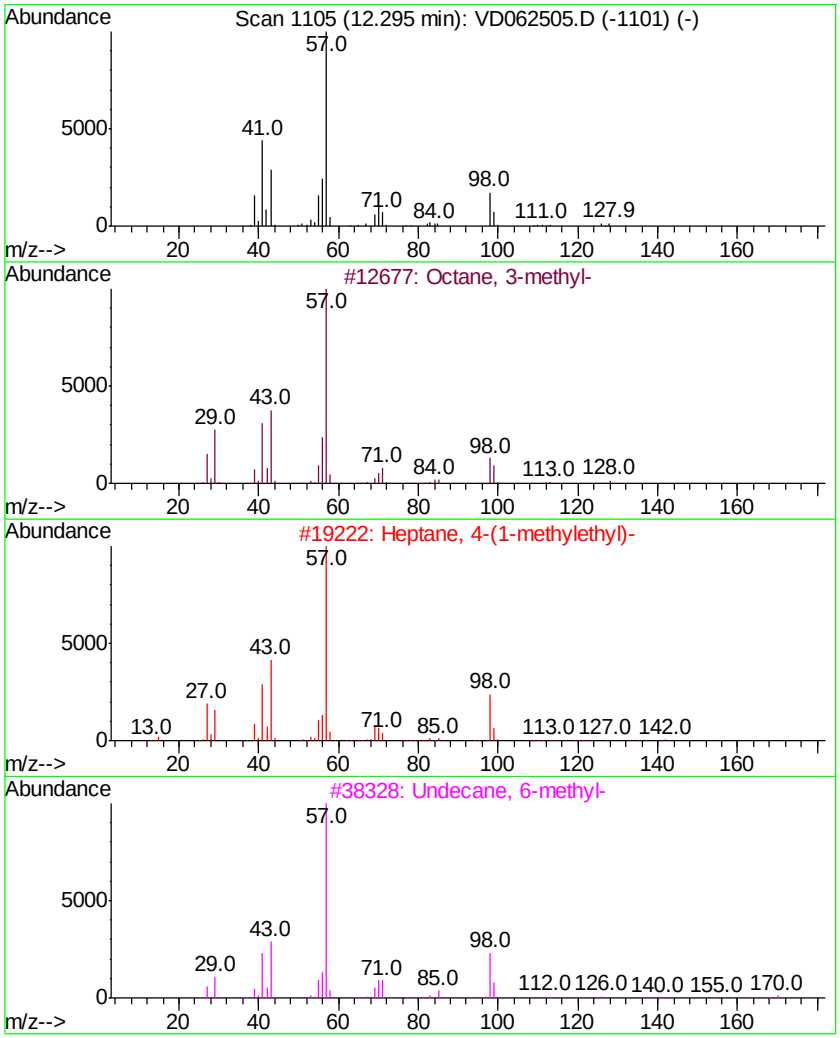
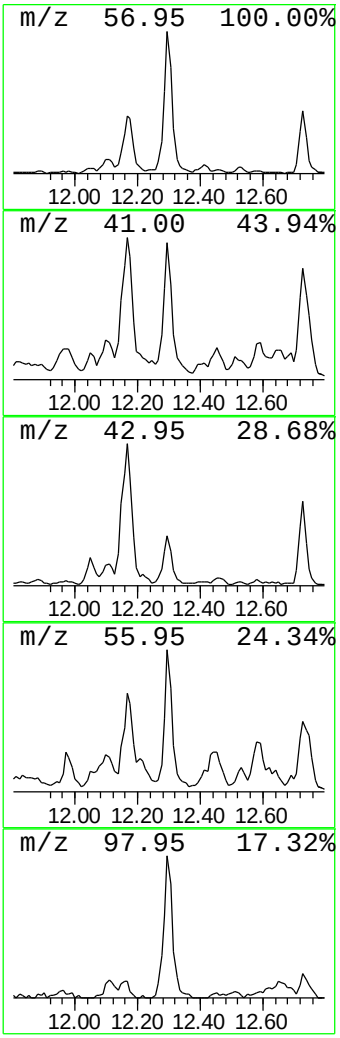
Peak Number 3 Octane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	206.30 ug/l	820252	Chlorobenzene-d5	12.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	86
2	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	59
3	Undecane, 6-methyl-	170	C12H26	017302-33-9	59
4	Heptane, 4-propyl-	142	C10H22	003178-29-8	59
5	Heptane, 3-ethyl-	128	C9H20	015869-80-4	52





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052219\
Data File : VD062505.D
Acq On : 22 May 2019 16:21
Operator : VA/AP
Sample : K2996-04
Misc : 5.91g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-3(0.5-1.0)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
Quant Title : SW846 8260

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

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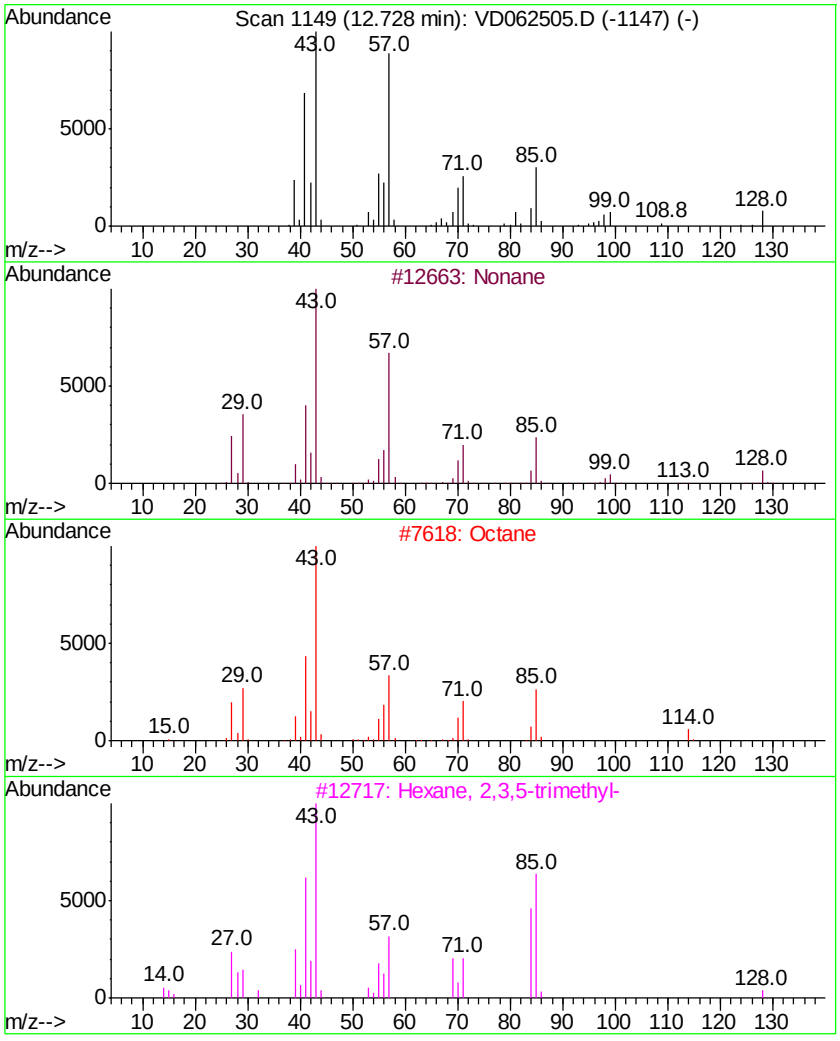
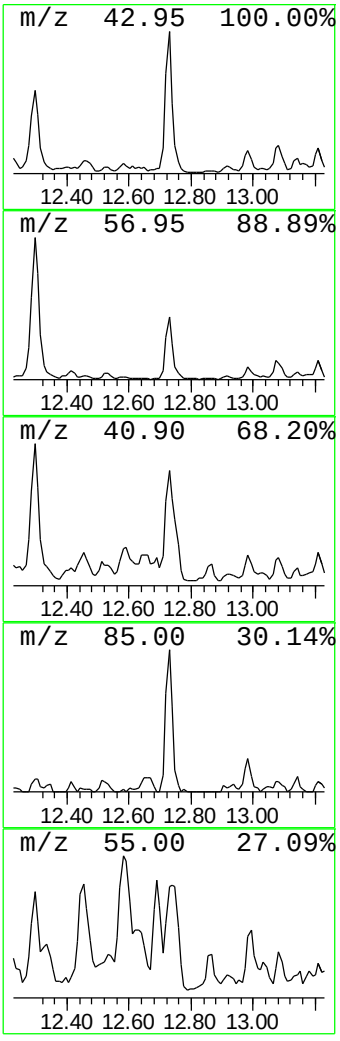
Peak Number 4 Nonane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	194.88 ug/l	774869	Chlorobenzene-d5	12.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	91
2	Octane	114	C8H18	000111-65-9	59
3	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	50
4	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	50
5	2,4,6,8-Tetramethyl-1-undecene	210	C15H30	059920-26-2	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052219\
Data File : VD062505.D
Acq On : 22 May 2019 16:21
Operator : VA/AP
Sample : K2996-04
Misc : 5.91g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-3(0.5-1.0)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
Quant Title : SW846 8260

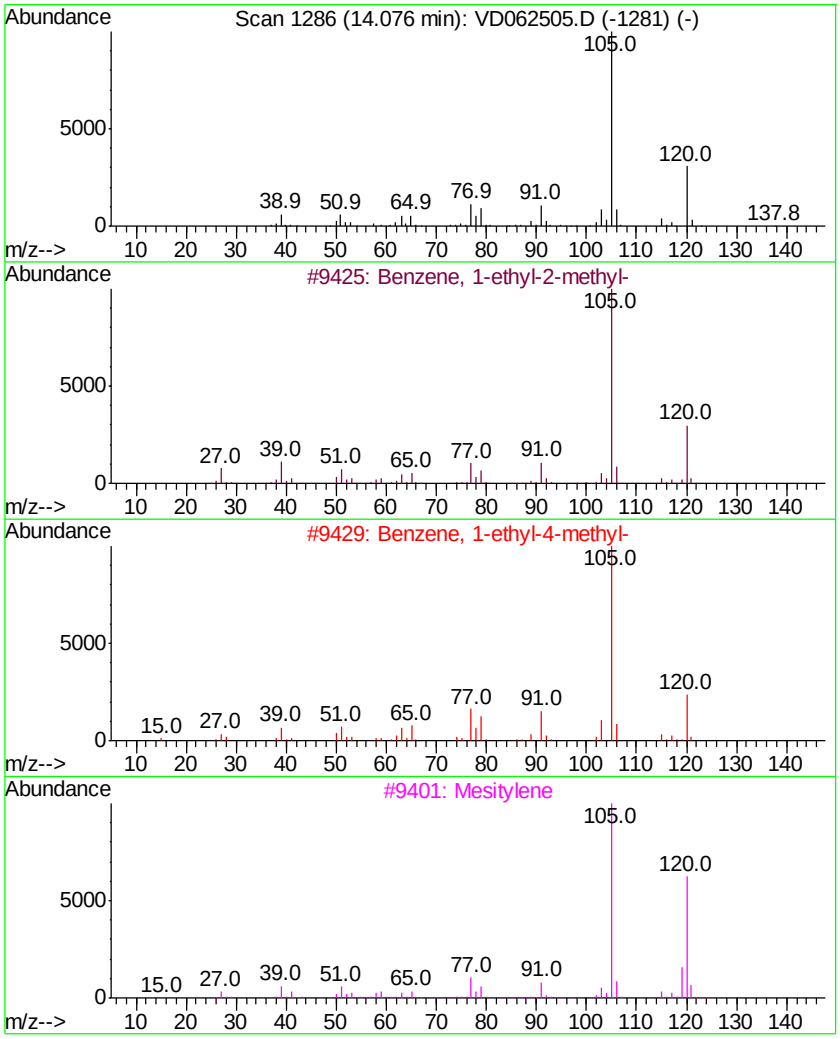
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

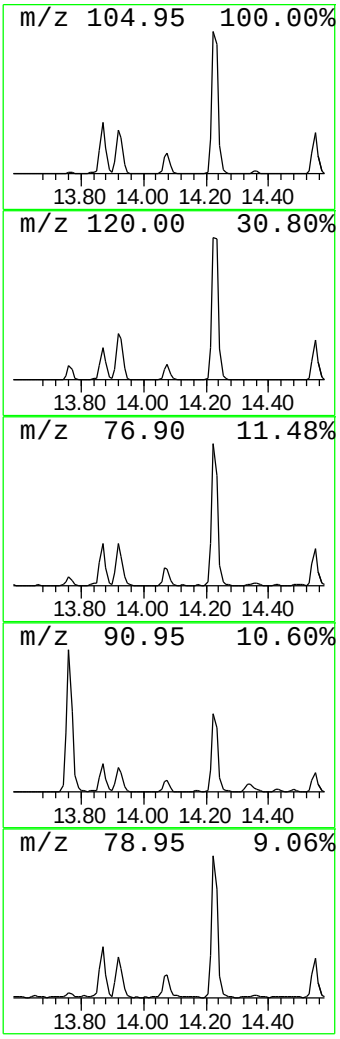
****

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	246.36 ug/l	728680	1,4-Dichlorobenzene-d4	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052219\
Data File : VD062505.D
Acq On : 22 May 2019 16:21
Operator : VA/AP
Sample : K2996-04
Misc : 5.91g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-3(0.5-1.0)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
Quant Title : SW846 8260

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

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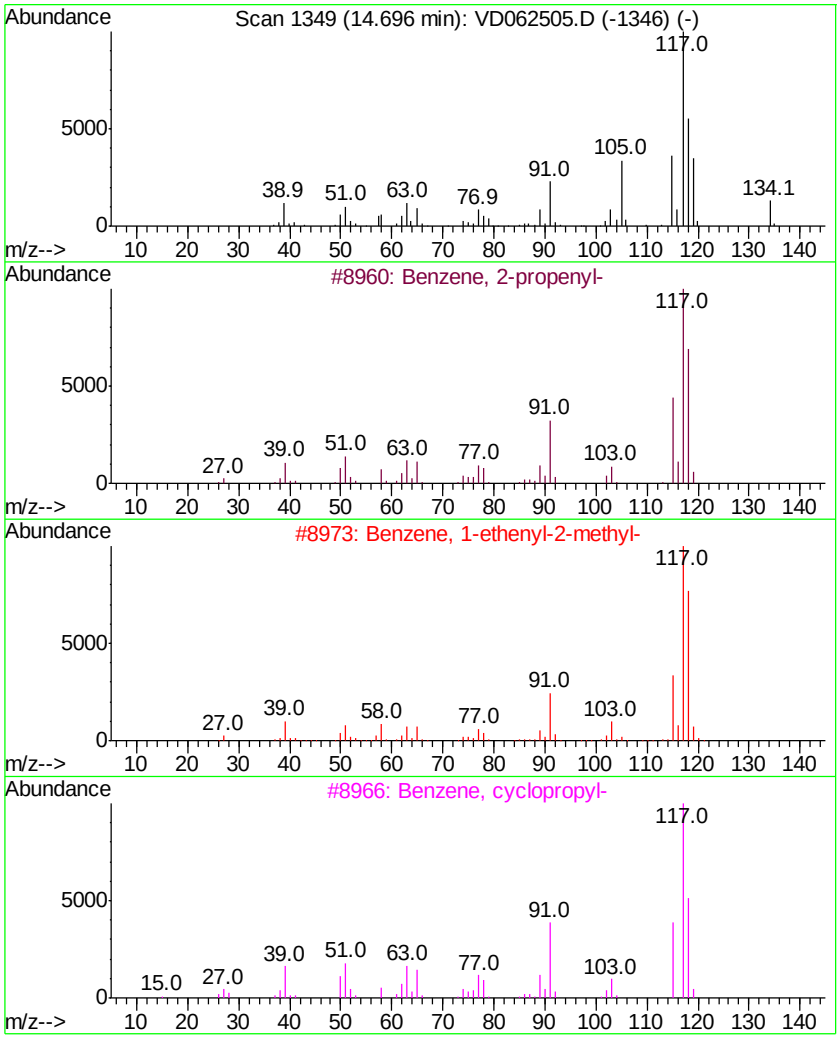
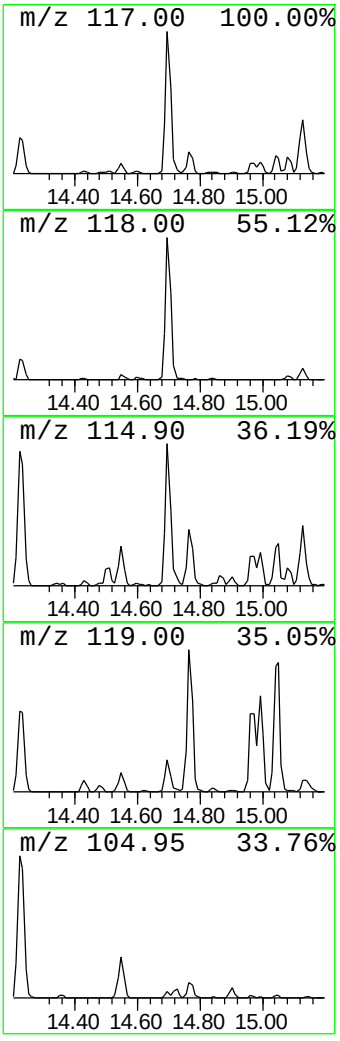
Peak Number 6 Benzene, 2-propenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	342.99 ug/l	1014470	1,4-Dichlorobenzene-d4	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
5	Indane	118	C9H10	000496-11-7	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052219\
Data File : VD062505.D
Acq On : 22 May 2019 16:21
Operator : VA/AP
Sample : K2996-04
Misc : 5.91g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-3(0.5-1.0)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
Quant Title : SW846 8260

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

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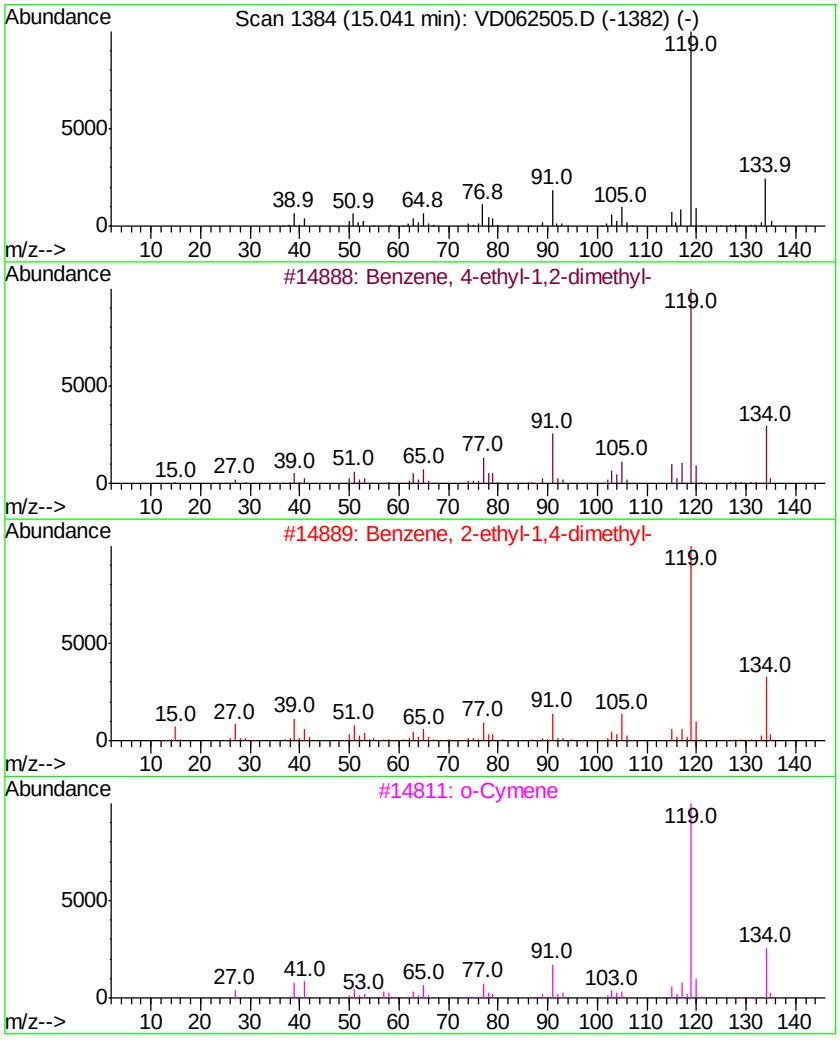
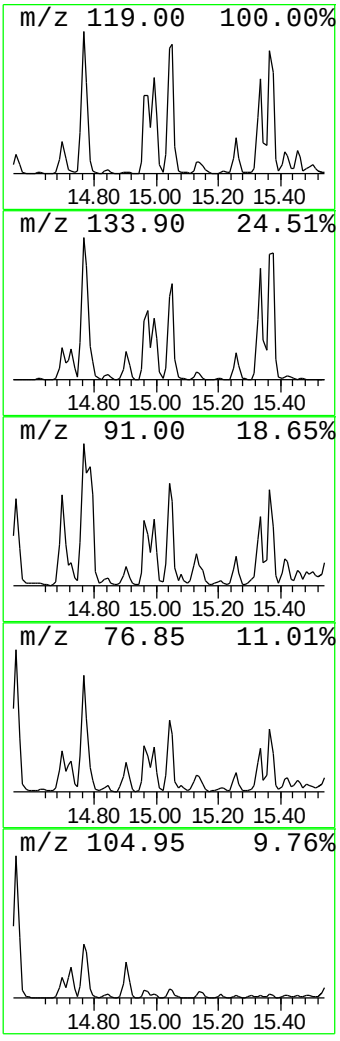
Peak Number 7 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	256.32 ug/l	758133	1,4-Dichlorobenzene-d4	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	o-Cymene	134	C10H14	000527-84-4	94
4	p-Cymene	134	C10H14	000099-87-6	93
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052219\
Data File : VD062505.D
Acq On : 22 May 2019 16:21
Operator : VA/AP
Sample : K2996-04
Misc : 5.91g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-3(0.5-1.0)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
Quant Title : SW846 8260

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

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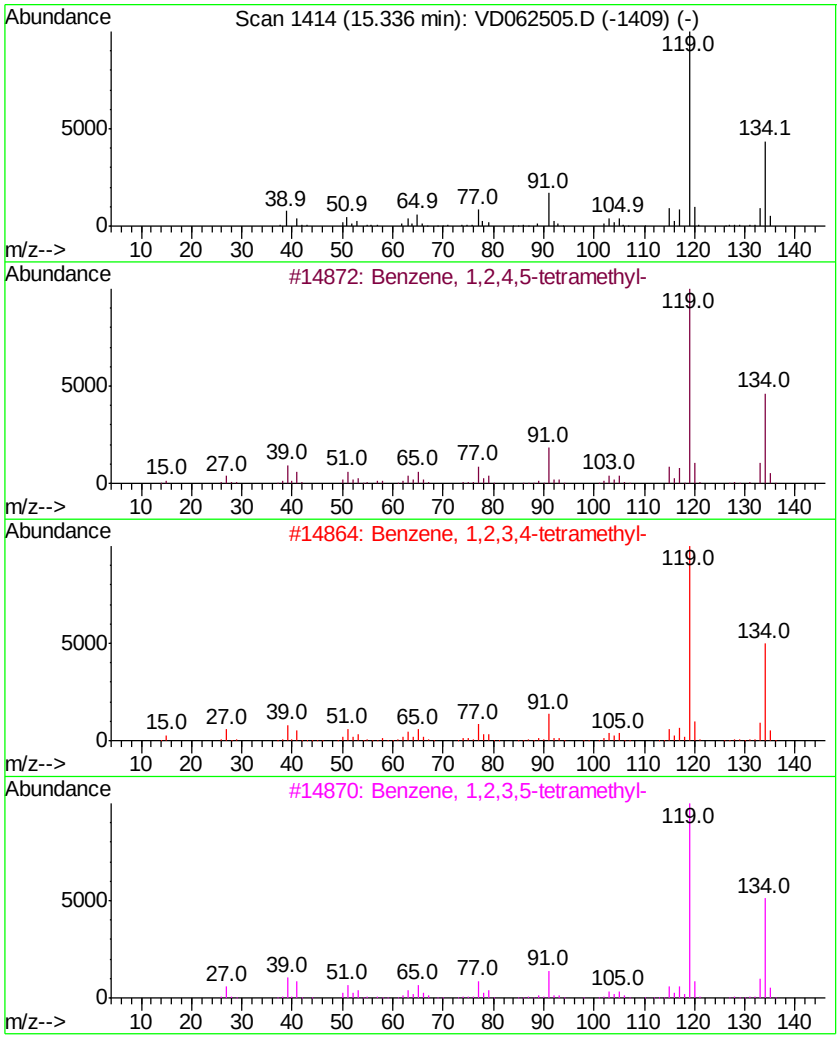
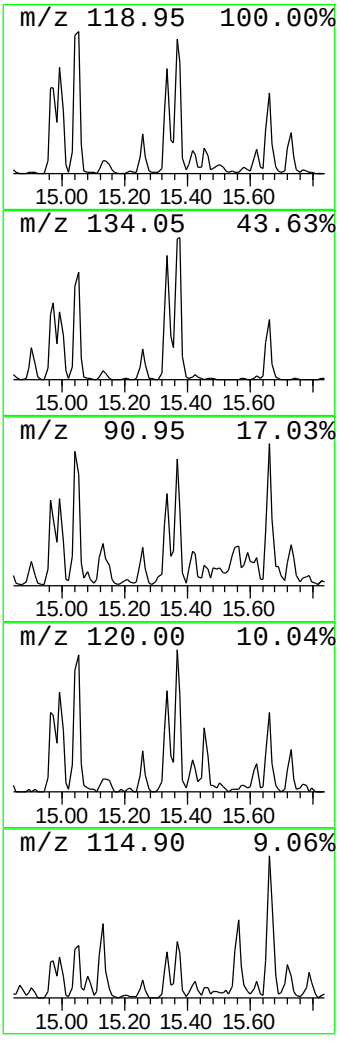
Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	222.26 ug/l	657387	1,4-Dichlorobenzene-d4	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
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	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052219\
Data File : VD062505.D
Acq On : 22 May 2019 16:21
Operator : VA/AP
Sample : K2996-04
Misc : 5.91g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-3(0.5-1.0)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
Quant Title : SW846 8260

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

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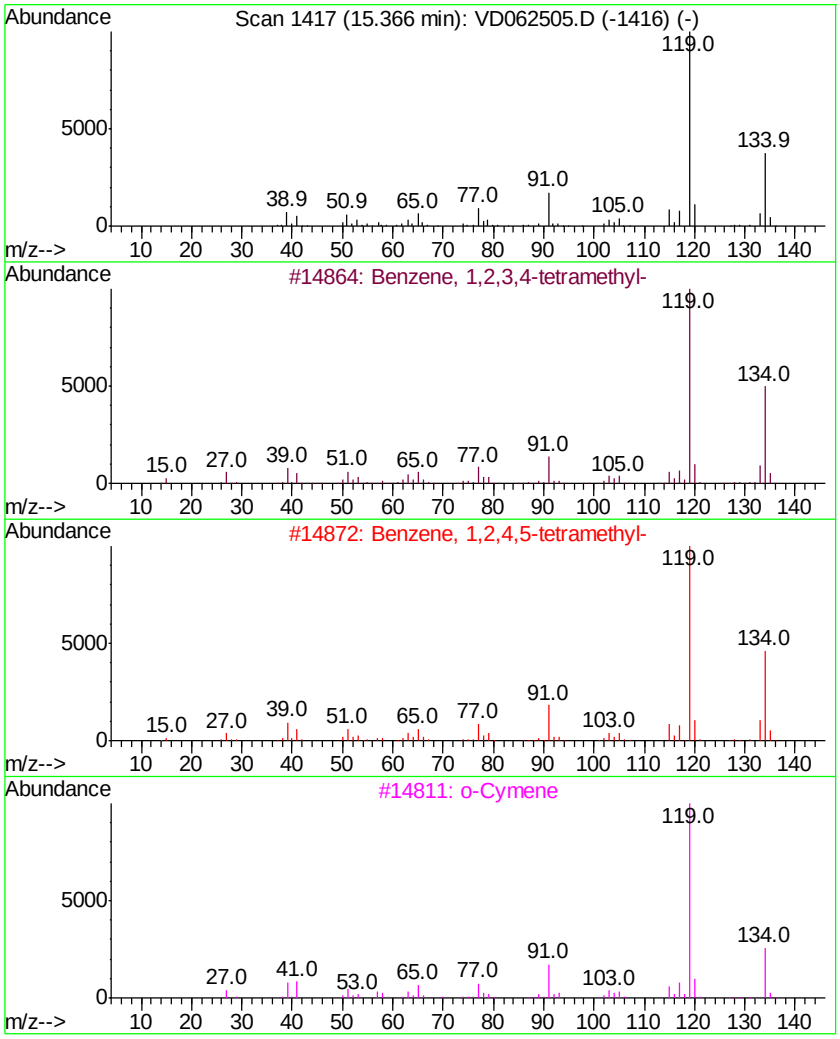
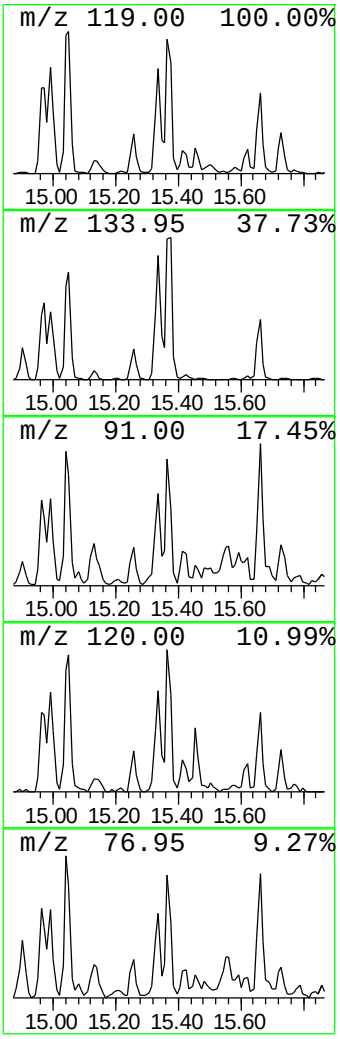
Peak Number 9 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	216.10 ug/l	639183	1,4-Dichlorobenzene-d4	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
3	o-Cymene	134	C10H14	000527-84-4	91
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052219\
Data File : VD062505.D
Acq On : 22 May 2019 16:21
Operator : VA/AP
Sample : K2996-04
Misc : 5.91g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-3(0.5-1.0)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
Quant Title : SW846 8260

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

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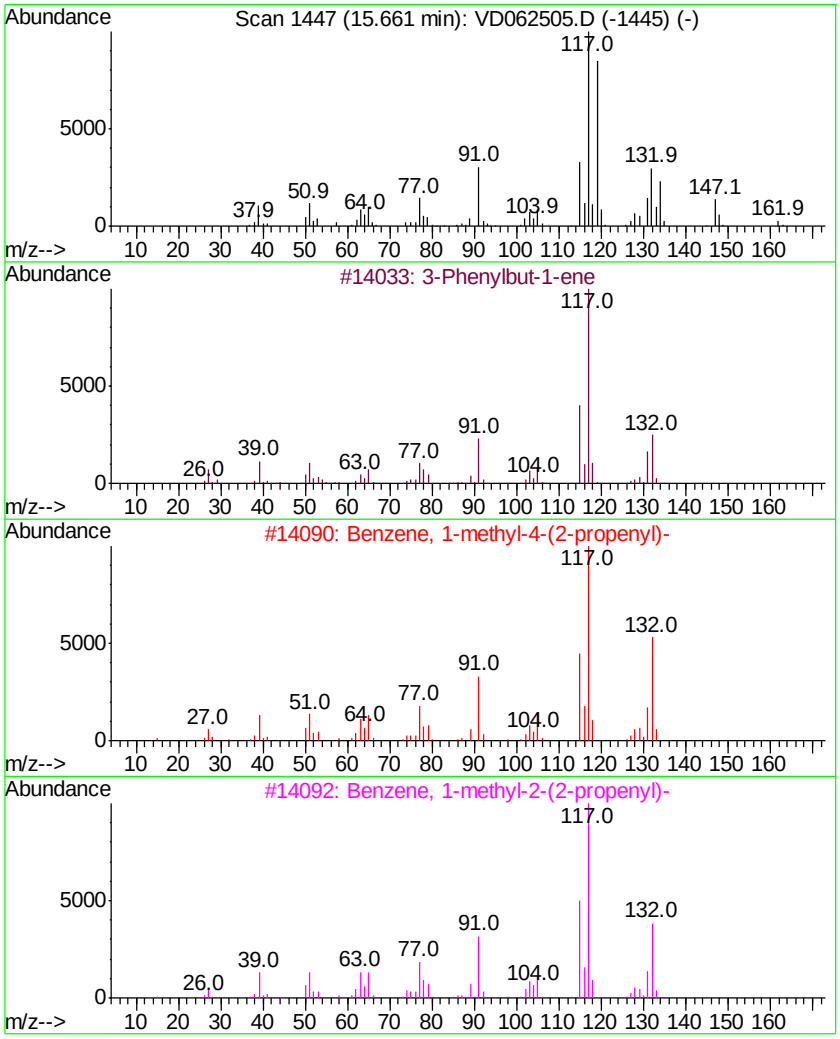
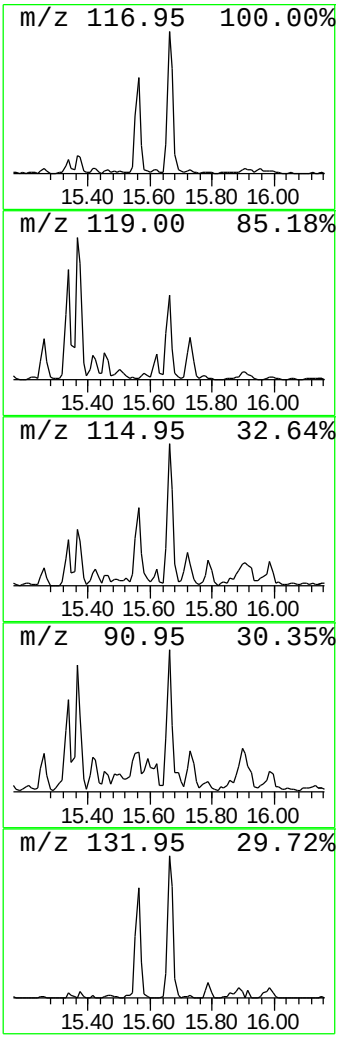
Peak Number 10 3-Phenylbut-1-ene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	306.68 ug/l	907072	1,4-Dichlorobenzene-d4	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	80
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	80
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD052219\
Data File : VD062505.D
Acq On : 22 May 2019 16:21
Operator : VA/AP
Sample : K2996-04
Misc : 5.91g/5ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-3(0.5-1.0)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.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
Octane	10.77	254.9	ug/l	1013550	3	12.35	198804	50.0
Octane, 2-methyl-	12.17	334.3	ug/l	1329080	3	12.35	198804	50.0
Octane, 3-methyl-	12.30	206.3	ug/l	820252	3	12.35	198804	50.0
Nonane	12.73	194.9	ug/l	774869	3	12.35	198804	50.0
Benzene, 1-ethyl-...	14.08	246.4	ug/l	728680	4	14.51	147888	50.0
Benzene, 2-propenyl-	14.70	343.0	ug/l	1014470	4	14.51	147888	50.0
Benzene, 4-ethyl-...	15.04	256.3	ug/l	758133	4	14.51	147888	50.0
Benzene, 1,2,4,5-...	15.34	222.3	ug/l	657387	4	14.51	147888	50.0
Benzene, 1,2,3,4-...	15.37	216.1	ug/l	639183	4	14.51	147888	50.0
3-Phenylbut-1-ene	15.66	306.7	ug/l	907072	4	14.51	147888	50.0