LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052219\
Data File : VD062512.D
Acq On : 22 May 2019 19:29
Operator : VA/AP
Sample : K2996-11
Misc : 6.72g/5ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-10(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	2.332	87	92	116	rBV	4337467	10625960	15.64%	0.590%
2	2.618	116	121	143	rVV	3673361	8796710	12.95%	0.489%
3	3.159	169	176	194	rBV	1346113	4150600	6.11%	0.231%
4	3.828	231	244	274	rVV	14148482	67930722	100.00%	3.773%
5	4.212	274	283	305	rVV	11253574	44301641	65.22%	2.461%
6	4.674	322	330	343	rVV	8894757	35062856	51.62%	1.948%
7	5.048	360	368	376	rVV	2712243	9877252	14.54%	0.549%
8	5.196	376	383	400	rVB	1469243	6113173	9.00%	0.340%
9	5.521	406	416	426	rBV3	2602917	12165920	17.91%	0.676%
10	5.688	426	433	438	rVV	3965381	15898650	23.40%	0.883%
11	5.786	438	443	450	rVV	6297097	23564990	34.69%	1.309%
12	5.885	450	453	460	rVV	1063086	3961975	5.83%	0.220%
13	6.633	517	529	540	rBV3	3061475	16996380	25.02%	0.944%
14	6.987	555	565	571	rBV	13227678	58266979	85.77%	3.237%
15	7.105	571	577	587	rVB2	9556148	38891594	57.25%	2.160%
16	7.292	587	596	607	rVB	16025177	63550130	93.55%	3.530%
17	7.617	622	629	633	rBV2	6085546	21921295	32.27%	1.218%
18	7.715	633	639	644	rVV	13369349	43786227	64.46%	2.432%
19	7.804	645	648	653	rVB	4319885	11028931	16.24%	0.613%
20	8.020	660	670	681	rVB2	9223301	32718422	48.16%	1.817%
21	8.217	681	690	698	rBV5	10840194	44986104	66.22%	2.499%
22	8.345	698	703	708	rVB	1937003	4971097	7.32%	0.276%
23	8.443	708	713	718	rVB	2851627	7294540	10.74%	0.405%
24	8.542	718	723	731	rBV4	5190304	18862798	27.77%	1.048%
25	8.650	731	734	745	rVB	1281236	4330420	6.37%	0.241%
26	8.867	745	756	760	rBV2	10223429	42369778	62.37%	2.354%
27	8.945	760	764	768	rBV2	4530081	10657628	15.69%	0.592%
28	9.024	768	772	777	rVB	8584463	22695869	33.41%	1.261%
29	9.152	781	785	794	rVB	3965450	12483267	18.38%	0.693%
30	9.309	794	801	806	rBV2	4153874	13705365	20.18%	0.761%
31	9.388	806	809	818	rVB2	1858474	6136524	9.03%	0.341%
32	9.555	818	826	833	rBV	12030096	40792307	60.05%	2.266%
33	9.752	833	846	849	rBV4	12269427	57160875	84.15%	3.175%
34	9.929	858	864	867	rBV	11338549	35137593	51.73%	1.952%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052219\
Data File : VD062512.D
Acq On : 22 May 2019 19:29
Operator : VA/AP
Sample : K2996-11
Misc : 6.72g/5ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-10(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	10.067	873	878	880	rBV2	2834013	6915356	10.18%	0.384%
36	10.146	880	886	896	rVB3	11999144	50597561	74.48%	2.811%
37	10.284	896	900	904	rVB2	3050799	7963776	11.72%	0.442%
38	10.372	904	909	916	rBV3	11053721	45954418	67.65%	2.553%
39	10.510	921	923	929	rVB2	3757950	7930767	11.67%	0.441%
40	10.628	929	935	937	rBV2	7140342	19746872	29.07%	1.097%
41	10.795	947	952	956	rVB3	6987130	21163231	31.15%	1.176%
42	10.933	961	966	971	rVB3	7407116	23938258	35.24%	1.330%
43	11.110	976	984	989	rBV5	11069821	44684253	65.78%	2.482%
44	11.199	989	993	997	rVB2	3104855	7581835	11.16%	0.421%
45	11.258	997	999	1004	rVB2	2506401	5131517	7.55%	0.285%
46	11.347	1004	1008	1016	rBV3	4685061	14516290	21.37%	0.806%
47	11.494	1016	1023	1030	rBV2	8740204	27852125	41.00%	1.547%
48	11.652	1030	1039	1045	rBV2	10741131	41921687	61.71%	2.329%
49	11.750	1045	1049	1054	rVB3	6388276	15504055	22.82%	0.861%
50	11.839	1054	1058	1062	rBV	8504258	22843154	33.63%	1.269%
51	11.898	1062	1064	1069	rVB3	3624832	7780875	11.45%	0.432%
52	11.986	1069	1073	1079	rVB4	7537496	21417089	31.53%	1.190%
53	12.075	1079	1082	1084	rBV	4656739	9776794	14.39%	0.543%
54	12.134	1084	1088	1090	rBV2	7480210	15420504	22.70%	0.857%
55	12.193	1090	1094	1099	rVB3	13834774	42768734	62.96%	2.376%
56	12.331	1102	1108	1115	rVB2	14290539	46074836	67.83%	2.559%
57	12.439	1115	1119	1120	rBV2	7051540	12345524	18.17%	0.686%
58	12.557	1127	1131	1134	rBV4	5631055	13683099	20.14%	0.760%
59	12.606	1134	1136	1138	rVV3	4119150	7832445	11.53%	0.435%
60	12.655	1138	1141	1144	rVB4	5737885	11595927	17.07%	0.644%
61	12.714	1144	1147	1149	rVB	4287486	6288234	9.26%	0.349%
62	12.764	1149	1152	1156	rVB4	9582992	21584366	31.77%	1.199%
63	12.862	1157	1162	1167	rBV5	4121295	13528253	19.91%	0.751%
64	12.941	1167	1170	1173	rBV4	3933754	11213201	16.51%	0.623%
65	13.010	1173	1177	1181	rBV3	7138611	17045045	25.09%	0.947%
66	13.108	1184	1187	1190	rBV	7444214	14544643	21.41%	0.808%
67	13.167	1190	1193	1195	rBV2	4857350	9786727	14.41%	0.544%
68	13.236	1197	1200	1203	rVB2	5245852	10023190	14.76%	0.557%
69	13.325	1206	1209	1210	rBV2	2939480	5065151	7.46%	0.281%
70	13.413	1215	1218	1222	rVB4	5677572	13340308	19.64%	0.741%
71	13.482	1222	1225	1226	rBV	4755698	6637532	9.77%	0.369%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052219\
Data File : VD062512.D
Acq On : 22 May 2019 19:29
Operator : VA/AP
Sample : K2996-11
Misc : 6.72g/5ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-10(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	13.571	1232	1234	1236	rBV	3520085	6097410	8.98%	0.339%
73	13.689	1243	1246	1248	rBV2	8572841	16767585	24.68%	0.931%
74	13.728	1248	1250	1253	rVV2	7289211	13008787	19.15%	0.723%
75	13.777	1253	1255	1257	rVV2	5253896	6771130	9.97%	0.376%
76	13.836	1257	1261	1264	rVB3	3795555	8137499	11.98%	0.452%
77	13.915	1264	1269	1273	rBV5	4690289	17518785	25.79%	0.973%
78	13.984	1273	1276	1279	rVB3	4945203	9969689	14.68%	0.554%
79	14.043	1279	1282	1284	rBV3	2465344	5213688	7.68%	0.290%
80	14.131	1288	1291	1293	rBV2	4659361	7587486	11.17%	0.421%
81	14.181	1293	1296	1298	rBV	3930695	6360516	9.36%	0.353%
82	14.338	1310	1312	1315	rBV	7384054	14197625	20.90%	0.789%
83	14.437	1319	1322	1325	rVV2	8229028	21548547	31.72%	1.197%
84	14.486	1325	1327	1330	rVV3	5486222	9680011	14.25%	0.538%
85	14.535	1330	1332	1333	rVV	5177154	6970014	10.26%	0.387%
86	14.564	1333	1335	1337	rVV	5246652	6799769	10.01%	0.378%
87	14.614	1337	1340	1341	rVV	4991699	8176538	12.04%	0.454%
88	14.643	1341	1343	1347	rVB4	5402967	12551311	18.48%	0.697%
89	14.712	1347	1350	1352	rBV	6303204	9212971	13.56%	0.512%
90	14.781	1355	1357	1359	rBV2	4266649	6357422	9.36%	0.353%
91	14.919	1367	1371	1373	rBV	4082427	8628735	12.70%	0.479%
92	15.027	1379	1382	1383	rBV2	2329543	4095195	6.03%	0.227%
93	15.057	1383	1385	1388	rVV	9763946	14557874	21.43%	0.809%
94	15.145	1391	1394	1398	rVB2	7691064	13795173	20.31%	0.766%
95	15.204	1398	1400	1404	rVB3	2355002	5469256	8.05%	0.304%
96	15.283	1404	1408	1410	rBV4	2430977	5199642	7.65%	0.289%
97	15.342	1412	1414	1416	rVB	5043725	5789357	8.52%	0.322%
98	15.421	1420	1422	1425	rVB3	4155746	6308045	9.29%	0.350%
99	15.588	1435	1439	1441	rVB3	2047906	4159441	6.12%	0.231%
100	15.667	1444	1447	1452	rBV3	4420754	6166117	9.08%	0.343%

Sum of corrected areas: 1800287822

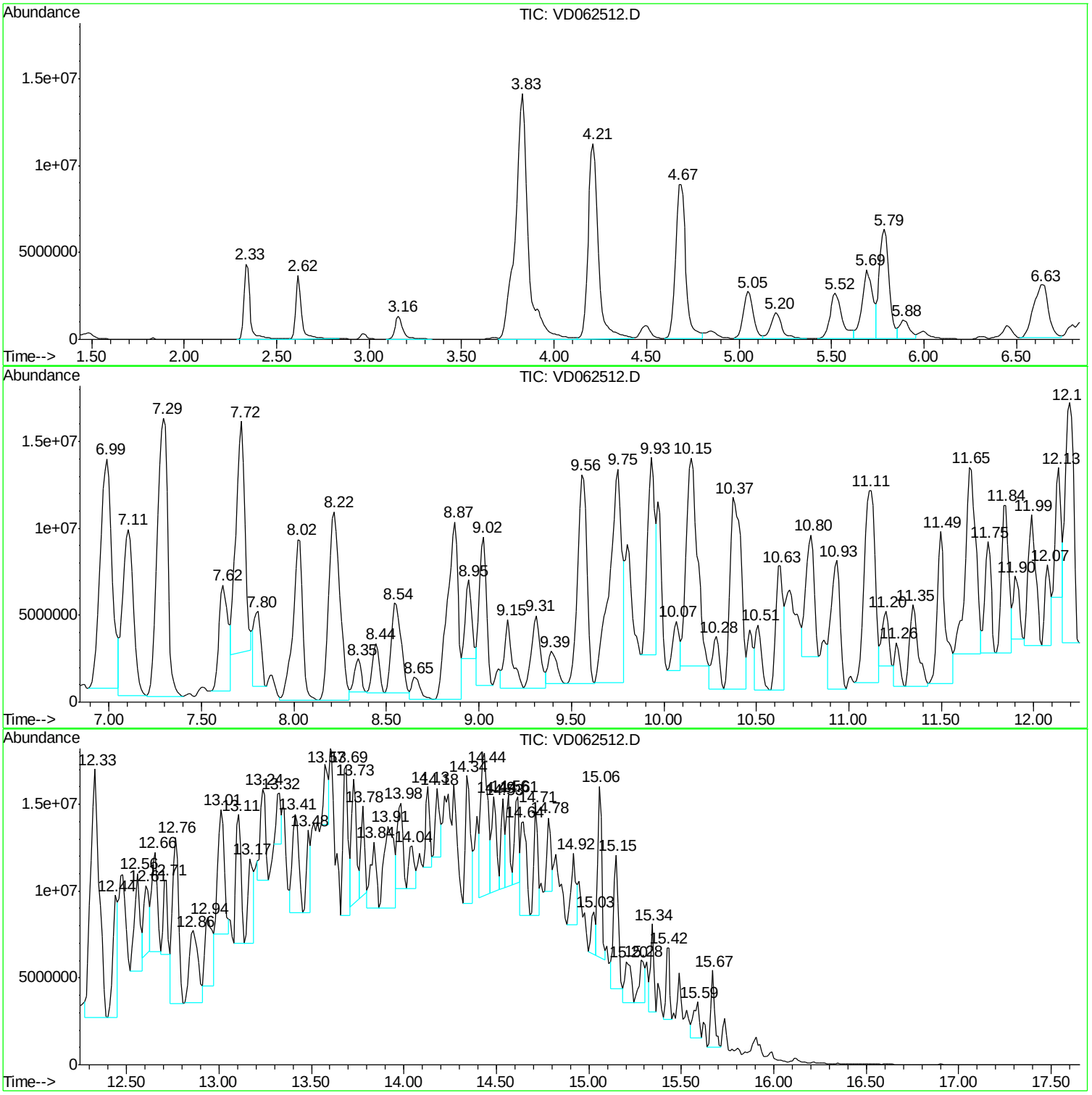
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052219\
Data File : VD062512.D
Acq On : 22 May 2019 19:29
Operator : VA/AP
Sample : K2996-11
Misc : 6.72g/5ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P-10(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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052219\
Data File : VD062512.D
Acq On : 22 May 2019 19:29
Operator : VA/AP
Sample : K2996-11
Misc : 6.72g/5ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-10(0.5-1.0)

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

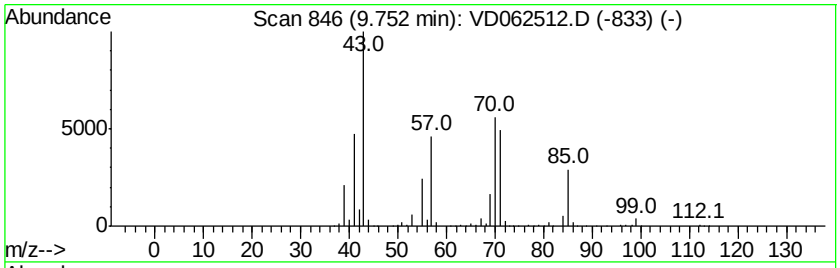
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

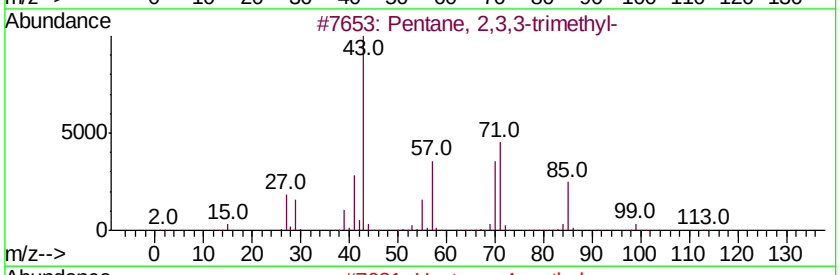
****

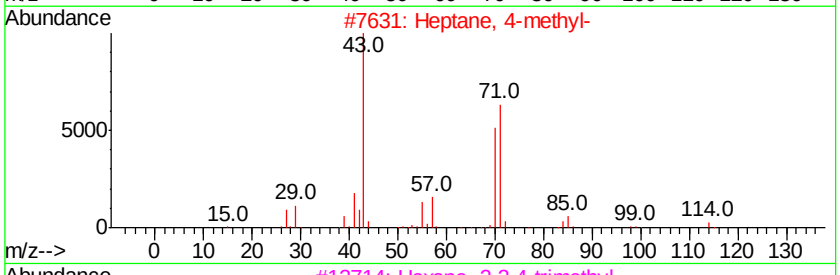
Peak Number 1 Pentane, 2,3,3-trimethyl- Concentration Rank 7

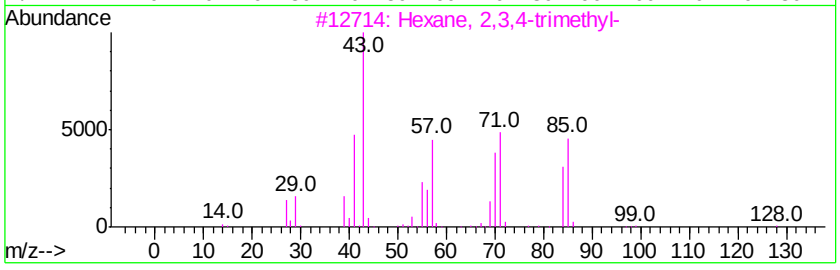
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	63.53 ug/l	57160900	1,4-Difluorobenzene	8.21

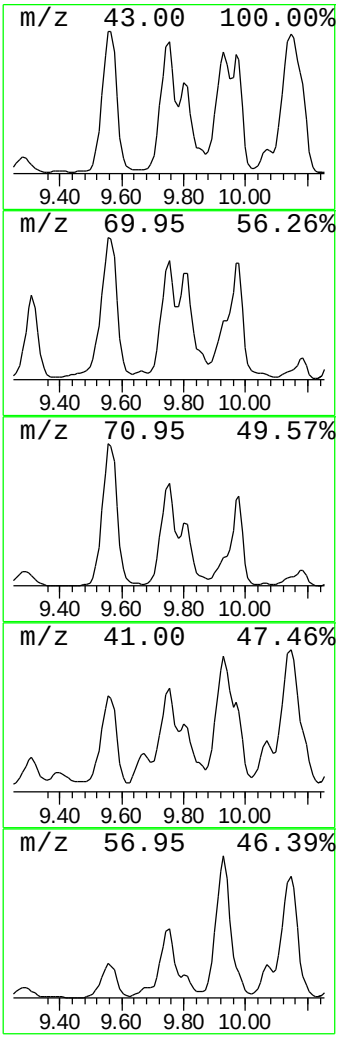
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	59











Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052219\
Data File : VD062512.D
Acq On : 22 May 2019 19:29
Operator : VA/AP
Sample : K2996-11
Misc : 6.72g/5ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-10(0.5-1.0)

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

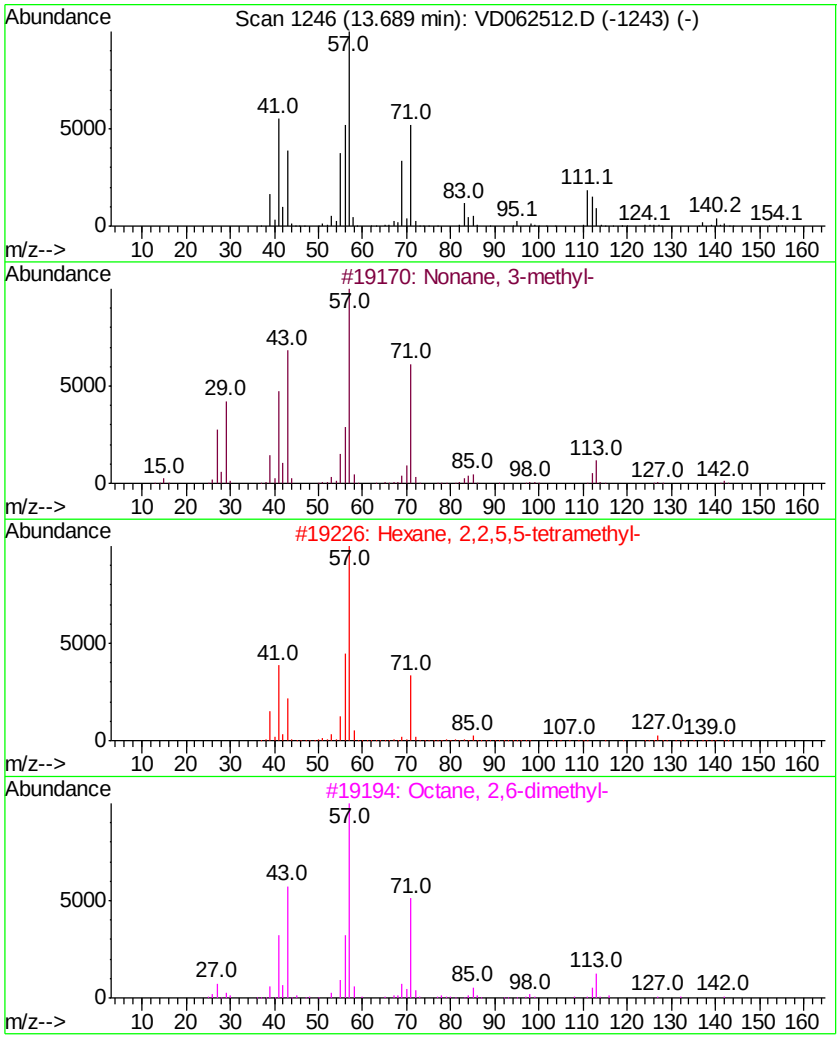
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

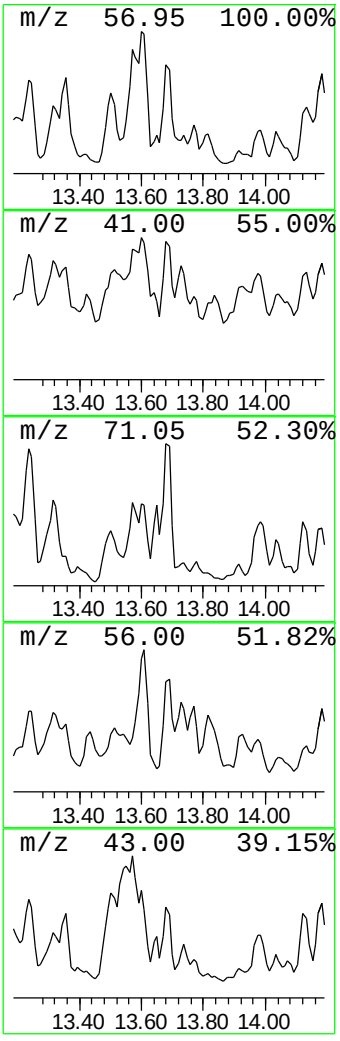
****

Peak Number 2 Nonane, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	120.28 ug/l	16767600	1,4-Dichlorobenzene-d4	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	52
2	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	50
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	50
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	46
5	Carbonic acid, neopentyl 2-ethyl...	244	C14H28O3	1000357-85-7	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052219\
Data File : VD062512.D
Acq On : 22 May 2019 19:29
Operator : VA/AP
Sample : K2996-11
Misc : 6.72g/5ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-10(0.5-1.0)

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

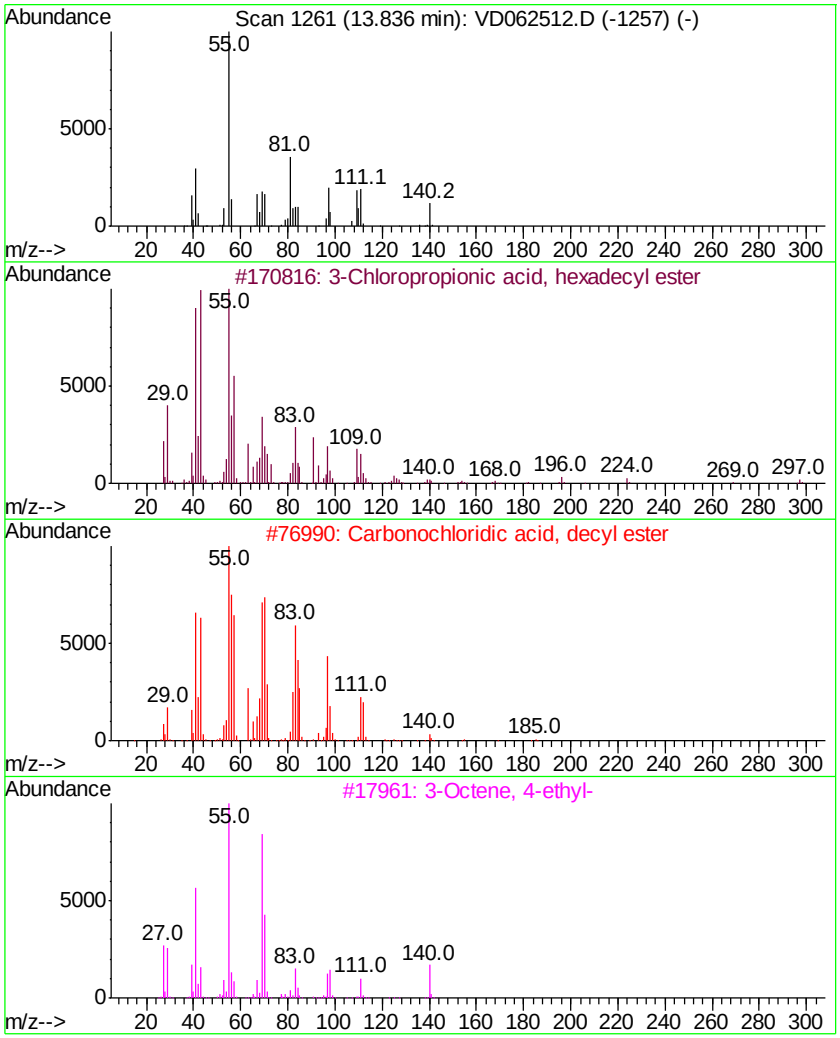
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

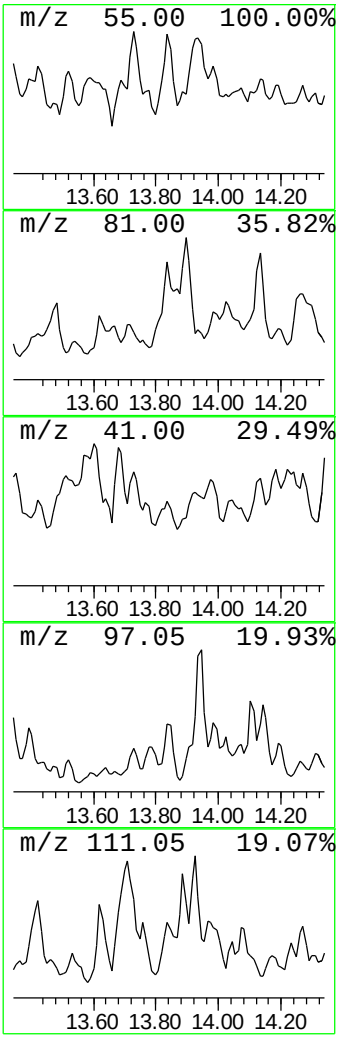
****

Peak Number 3 unknown13.84 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	58.38 ug/l	8137500	1,4-Dichlorobenzene-d4	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloropropionic acid, hexadecy...	332	C19H37ClO2	053312-70-2	45
2	Carbonochloridic acid, decyl ester	220	C11H21ClO2	055488-51-2	37
3	3-Octene, 4-ethyl-	140	C10H20	053966-51-1	37
4	Formic acid, dec-2-yl ester	186	C11H22O2	1000367-89-5	35
5	3-Heptene, 4-propyl-	140	C10H20	004485-13-6	35





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052219\
Data File : VD062512.D
Acq On : 22 May 2019 19:29
Operator : VA/AP
Sample : K2996-11
Misc : 6.72g/5ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-10(0.5-1.0)

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

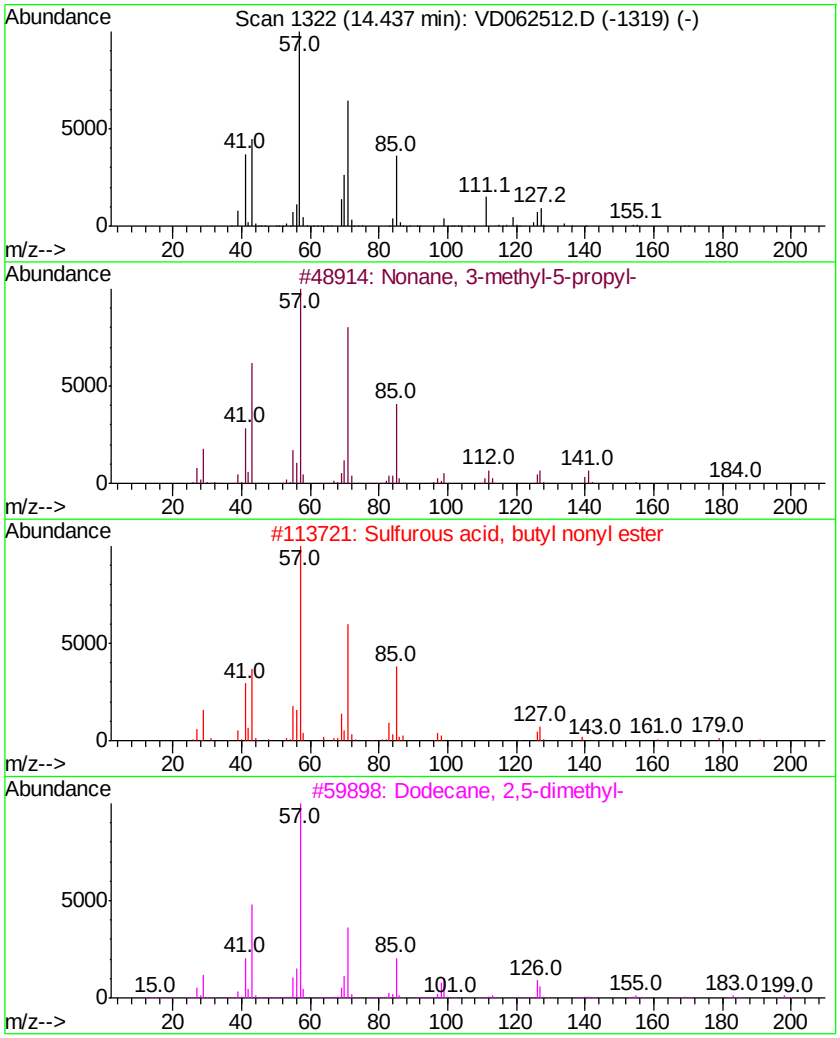
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

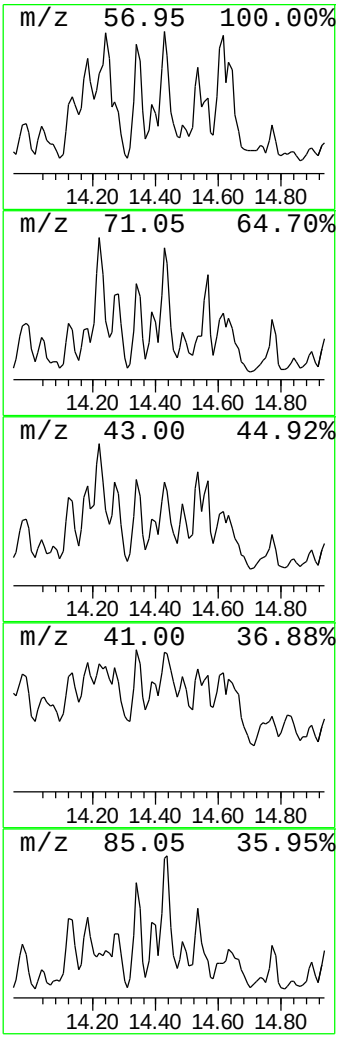
****

Peak Number 4 Nonane, 3-methyl-5-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	154.58 ug/l	21548500	1,4-Dichlorobenzene-d4	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64
2	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59
3	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	59
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	59
5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052219\
Data File : VD062512.D
Acq On : 22 May 2019 19:29
Operator : VA/AP
Sample : K2996-11
Misc : 6.72g/5ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-10(0.5-1.0)

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

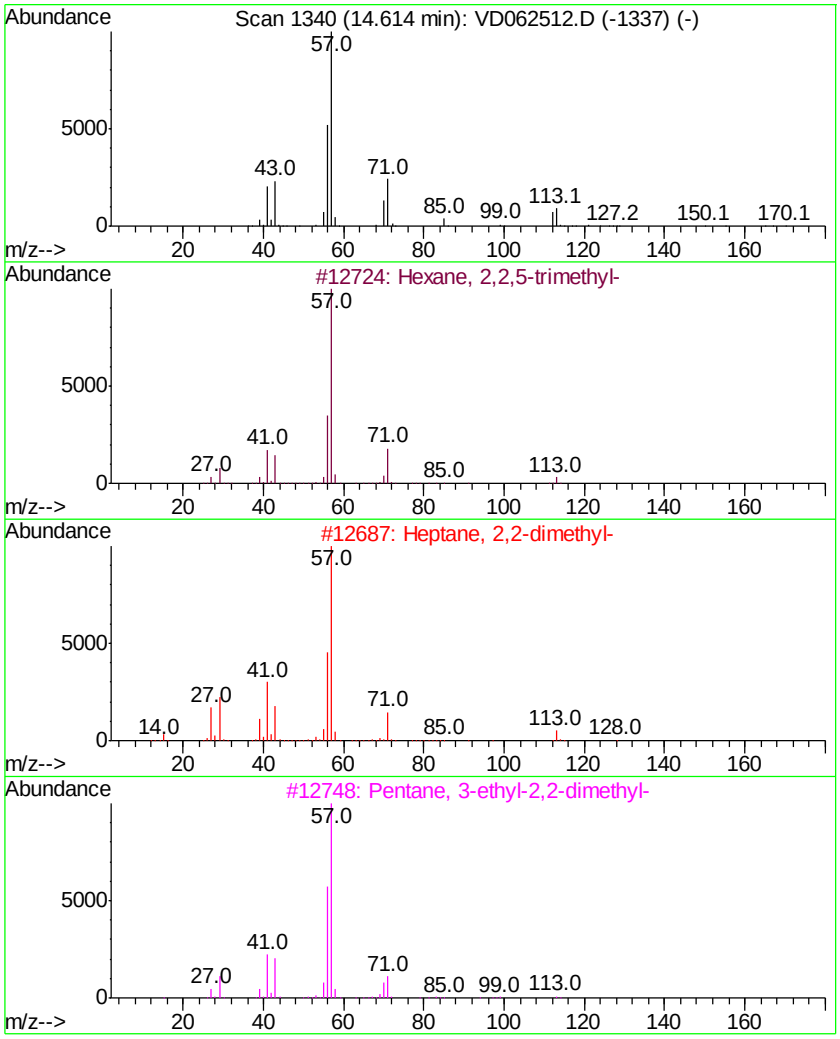
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

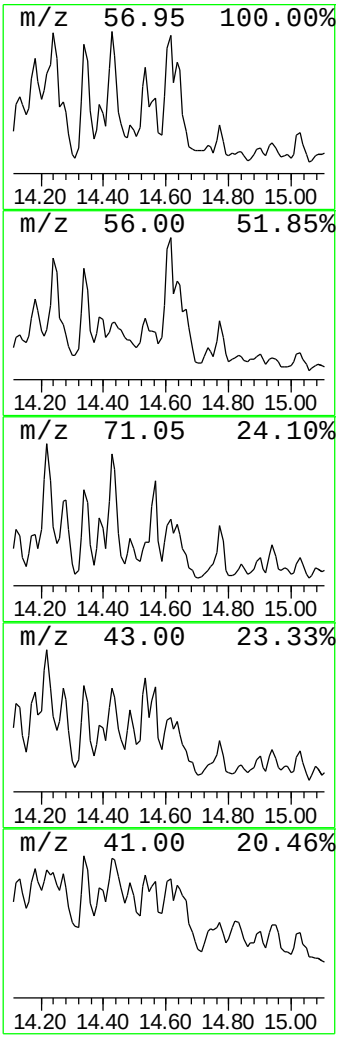
****

Peak Number 5 Hexane, 2,2,5-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	58.66 ug/l	8176540	1,4-Dichlorobenzene-d4	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	72
2	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	64
3	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	64
4	Heptane, 5-ethyl-2,2,3-trimethyl-	170	C12H26	062199-06-8	56
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052219\
Data File : VD062512.D
Acq On : 22 May 2019 19:29
Operator : VA/AP
Sample : K2996-11
Misc : 6.72g/5ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-10(0.5-1.0)

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

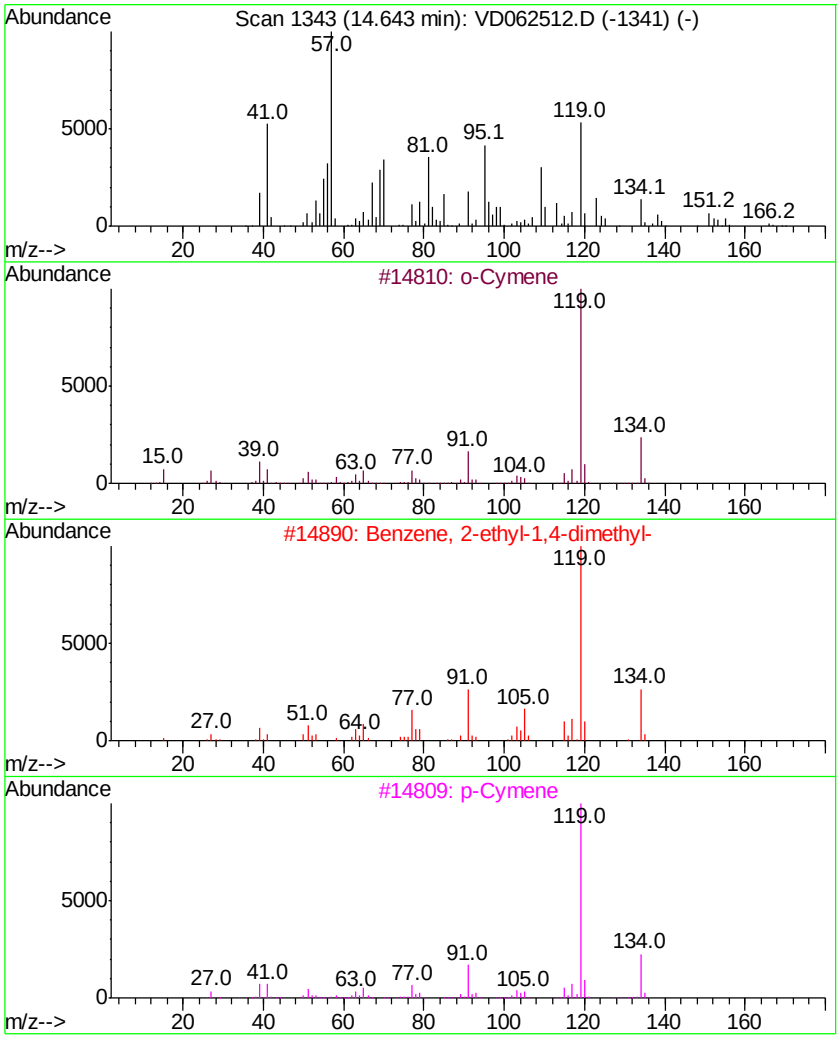
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

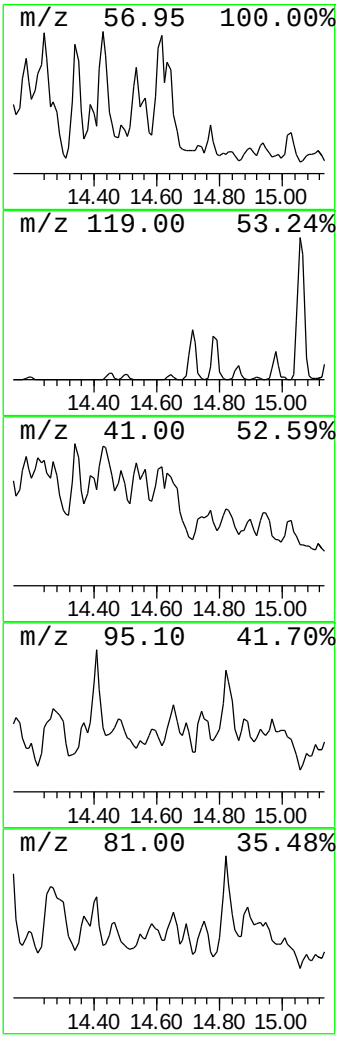
****

Peak Number 6 unknown14.64 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	90.04 ug/l	12551300	1,4-Dichlorobenzene-d4	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	35
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	35
3	p-Cymene	134	C10H14	000099-87-6	35
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	35
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	20





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052219\
Data File : VD062512.D
Acq On : 22 May 2019 19:29
Operator : VA/AP
Sample : K2996-11
Misc : 6.72g/5ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-10(0.5-1.0)

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

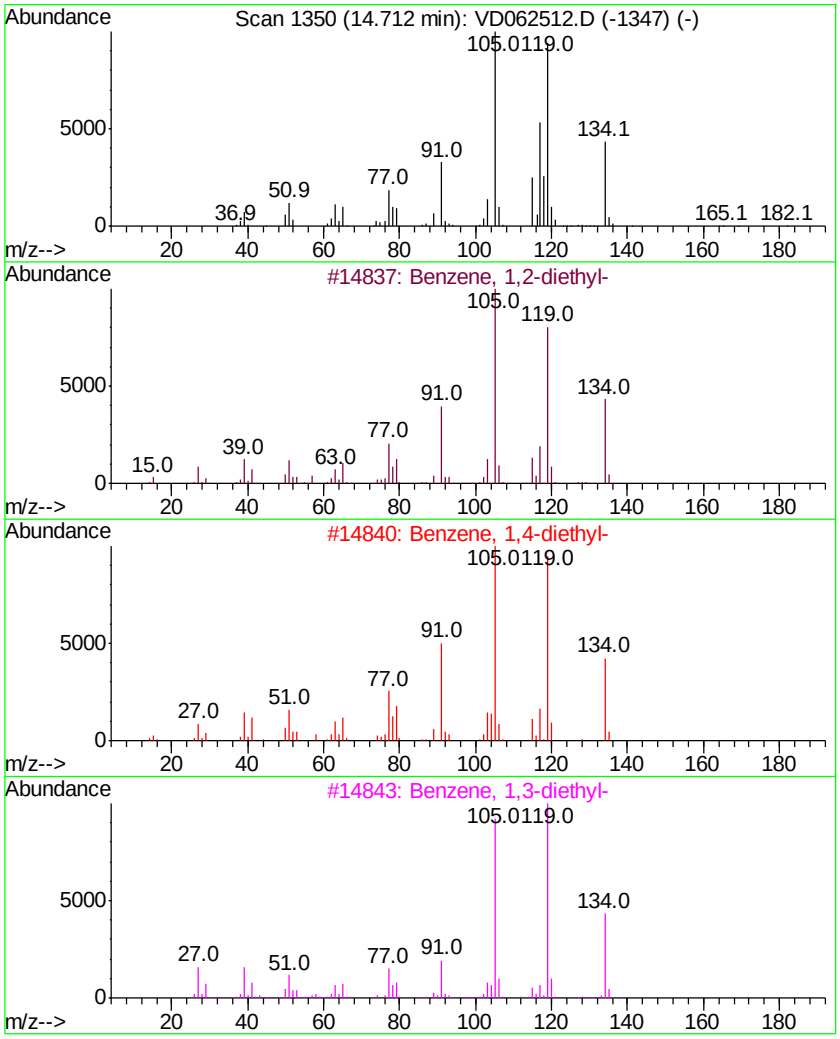
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

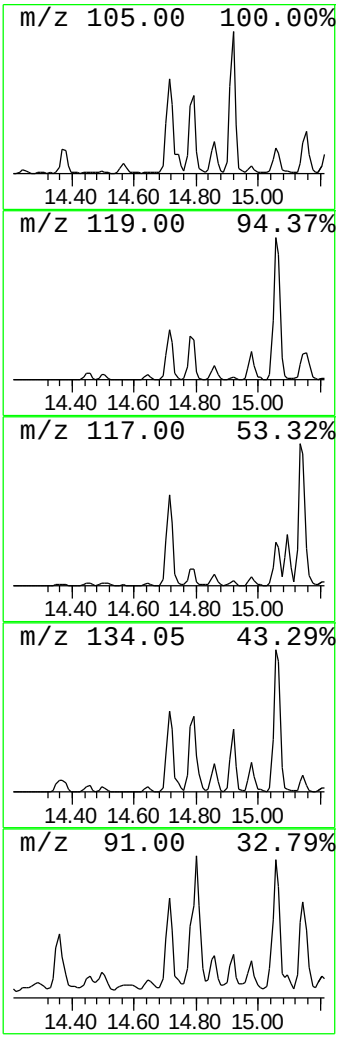
****

Peak Number 7 Benzene, 1,2-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	66.09 ug/l	9212970	1,4-Dichlorobenzene-d4	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	89
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	76
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	70
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	58
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	49





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052219\
Data File : VD062512.D
Acq On : 22 May 2019 19:29
Operator : VA/AP
Sample : K2996-11
Misc : 6.72g/5ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-10(0.5-1.0)

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

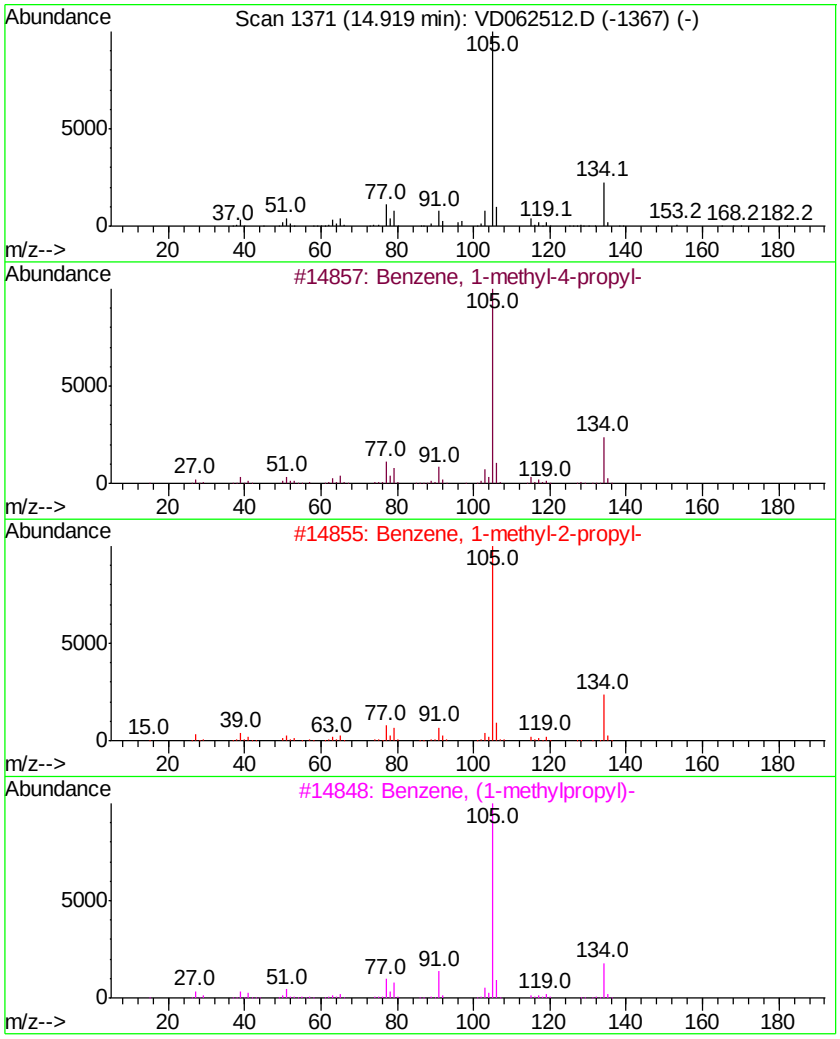
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

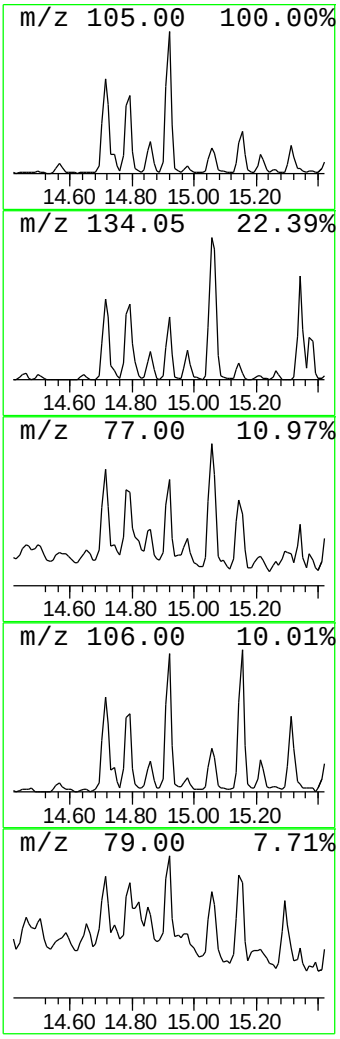
****

Peak Number 8 Benzene, 1-methyl-4-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	61.90 ug/l	8628740	1,4-Dichlorobenzene-d4	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	93
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
4	2-Tolyloxirane	134	C9H10O	002783-26-8	83
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052219\
Data File : VD062512.D
Acq On : 22 May 2019 19:29
Operator : VA/AP
Sample : K2996-11
Misc : 6.72g/5ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-10(0.5-1.0)

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

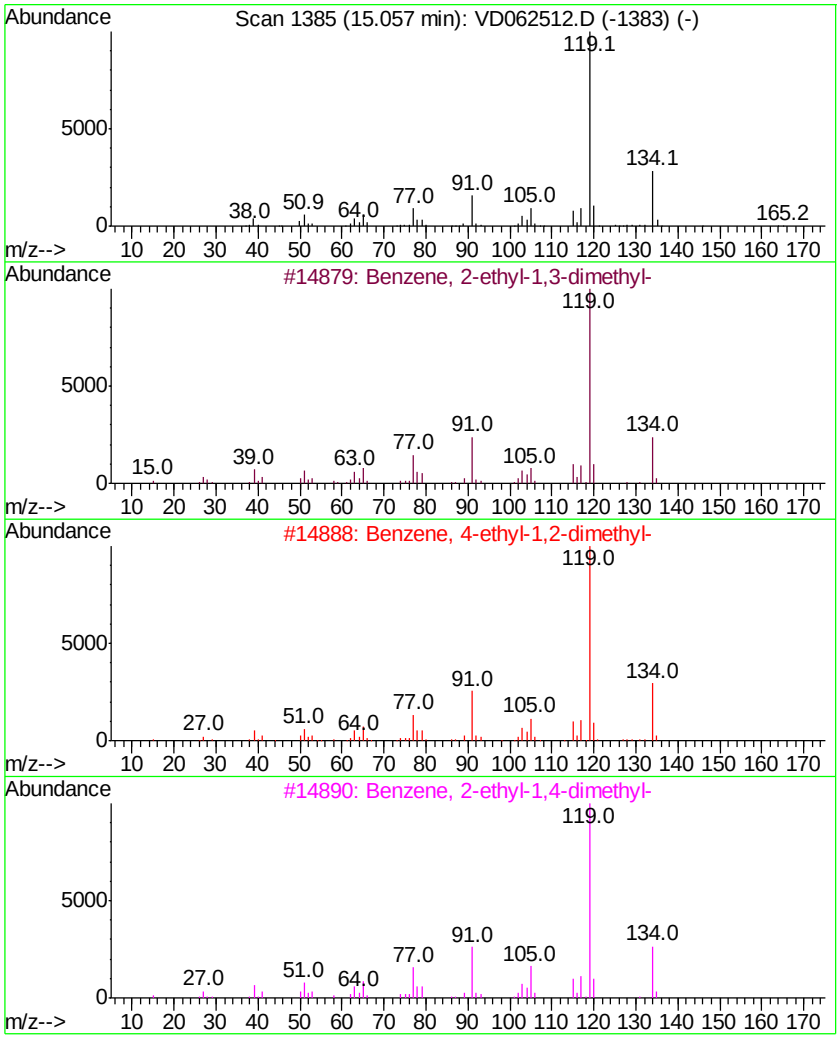
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

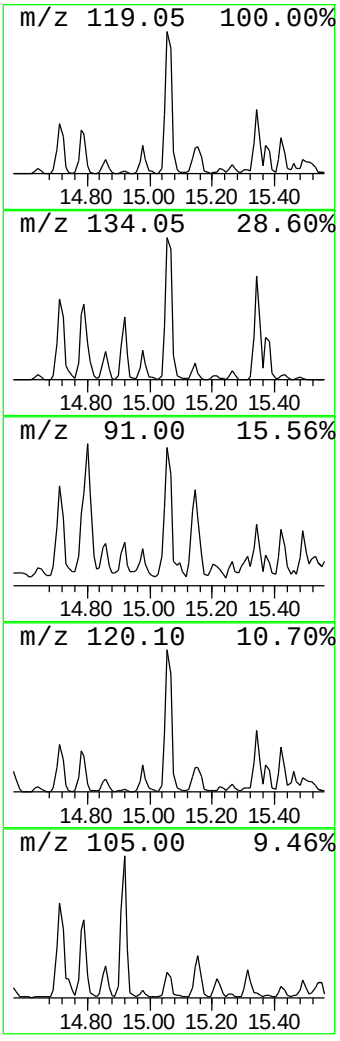
****

Peak Number 9 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	104.43 ug/l	14557900	1,4-Dichlorobenzene-d4	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052219\
Data File : VD062512.D
Acq On : 22 May 2019 19:29
Operator : VA/AP
Sample : K2996-11
Misc : 6.72g/5ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-10(0.5-1.0)

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

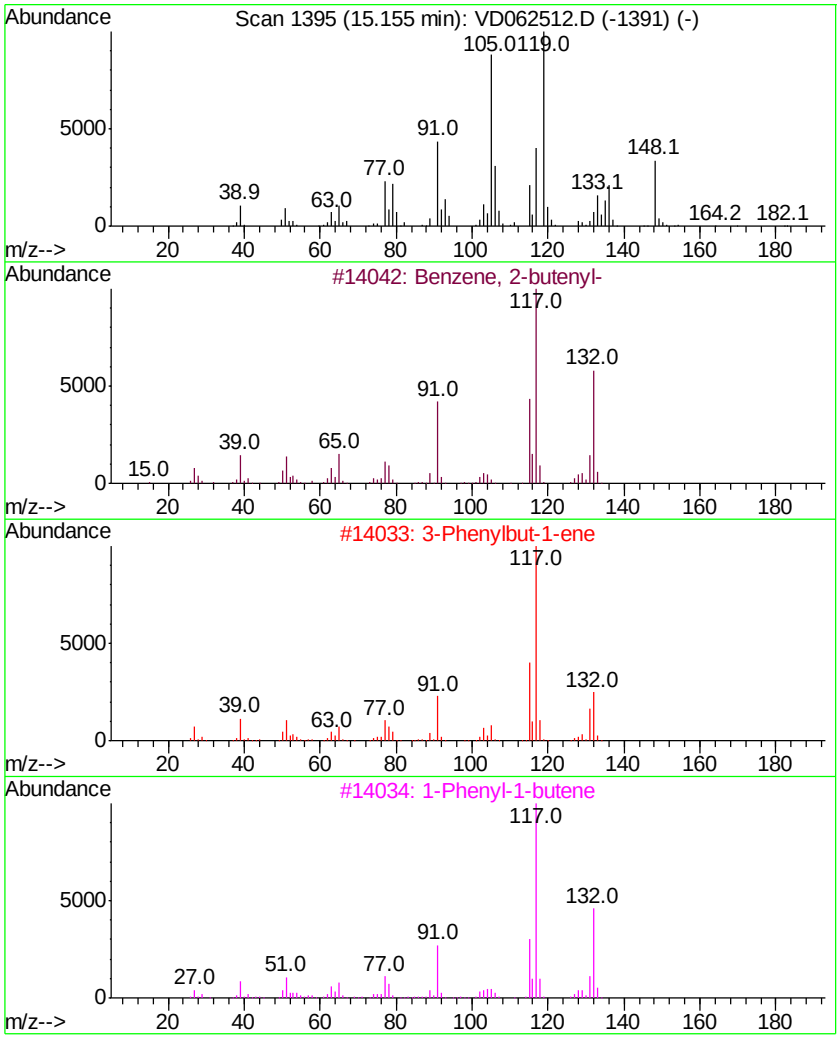
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

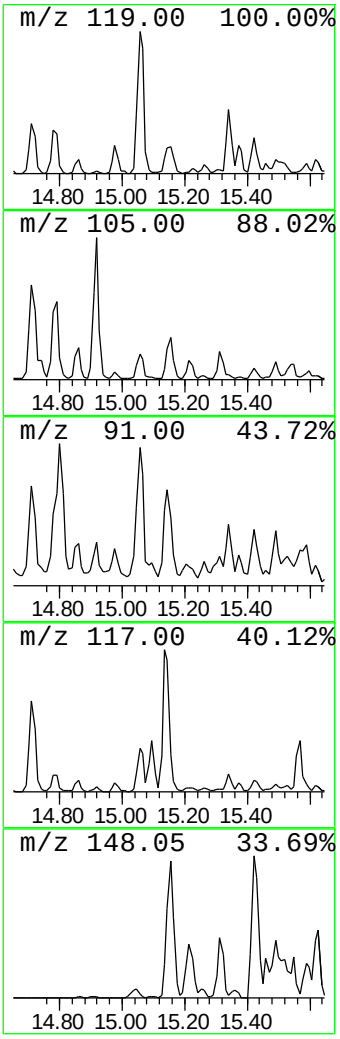
****

Peak Number 10 Benzene, 2-butenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	98.96 ug/l	13795200	1,4-Dichlorobenzene-d4	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	64
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	58
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD052219\
Data File : VD062512.D
Acq On : 22 May 2019 19:29
Operator : VA/AP
Sample : K2996-11
Misc : 6.72g/5ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-10(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
Pentane, 2,3,3-tr...	9.75	63.5	ug/l	57160900	2	8.21	44986100	50.0
Nonane, 3-methyl-	13.69	120.3	ug/l	16767600	4	14.52	6970010	50.0
unknown13.84	13.84	58.4	ug/l	8137500	4	14.52	6970010	50.0
Nonane, 3-methyl-...	14.44	154.6	ug/l	21548500	4	14.52	6970010	50.0
Hexane, 2,2,5-tri...	14.61	58.7	ug/l	8176540	4	14.52	6970010	50.0
unknown14.64	14.64	90.0	ug/l	12551300	4	14.52	6970010	50.0
Benzene, 1,2-diet...	14.71	66.1	ug/l	9212970	4	14.52	6970010	50.0
Benzene, 1-methyl...	14.92	61.9	ug/l	8628740	4	14.52	6970010	50.0
Benzene, 2-ethyl-...	15.06	104.4	ug/l	14557900	4	14.52	6970010	50.0
Benzene, 2-butenyl-	15.15	99.0	ug/l	13795200	4	14.52	6970010	50.0