LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100918\
Data File : VD060152.D
Acq On : 9 Oct 2018 15:44
Operator : VA/AP
Sample : J5324-01
Misc : 5.01g/5ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : OILY-DEBRIS

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\82D100118S.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	1.689	15	17	26	rVB	71220	109109	1.50%	0.232%
2	1.807	26	29	36	rVB2	142752	285906	3.92%	0.608%
3	2.712	116	121	147	rBV	256599	1262677	17.31%	2.685%
4	3.126	158	163	165	rBV	116987	269614	3.70%	0.573%
5	3.165	165	167	174	rVB	111895	236404	3.24%	0.503%
6	3.687	212	220	231	rVB3	88925	274043	3.76%	0.583%
7	4.474	294	300	308	rVB	50521	145192	1.99%	0.309%
8	5.625	408	417	434	rBV2	123022	583059	7.99%	1.240%
9	6.295	479	485	489	rBV	923675	2286529	31.35%	4.863%
10	6.373	489	493	509	rVB	823108	2115115	29.00%	4.498%
11	6.757	523	532	545	rBV2	1103563	3356781	46.02%	7.139%
12	7.416	593	599	617	rVB	1236775	2928612	40.15%	6.228%
13	8.007	654	659	666	rVB	45471	107406	1.47%	0.228%
14	8.204	674	679	689	rVB	54053	123192	1.69%	0.262%
15	9.129	768	773	787	rVB	145910	317987	4.36%	0.676%
16	9.316	787	792	798	rBV	46518	126896	1.74%	0.270%
17	9.434	798	804	810	rVV	1493460	3281581	44.99%	6.979%
18	9.522	810	813	820	rVB	78731	193732	2.66%	0.412%
19	10.172	874	879	885	rBV	216303	552619	7.58%	1.175%
20	10.290	887	891	902	rVV4	28433	109673	1.50%	0.233%
21	11.205	979	984	987	rBV	98410	200063	2.74%	0.425%
22	11.264	987	990	998	rVB	1206432	1957191	26.83%	4.162%
23	11.550	1016	1019	1023	rVB	59901	106294	1.46%	0.226%
24	12.051	1067	1070	1075	rBV	66481	108300	1.48%	0.230%
25	12.258	1088	1091	1094	rBV2	88918	136244	1.87%	0.290%
26	12.416	1103	1107	1113	rBV	1069310	1443058	19.78%	3.069%
27	12.553	1118	1121	1126	rBV	180001	292633	4.01%	0.622%
28	12.750	1138	1141	1143	rBV	59573	80829	1.11%	0.172%
29	12.799	1143	1146	1152	rVB	269154	373590	5.12%	0.795%
30	12.947	1152	1161	1168	rBV7	48792	183255	2.51%	0.390%
31	13.085	1172	1175	1178	rBV	145130	175656	2.41%	0.374%
32	13.163	1180	1183	1186	rBV	168777	225169	3.09%	0.479%
33	13.331	1198	1200	1201	rBV	124380	158866	2.18%	0.338%
34	13.360	1201	1203	1206	rVB	804647	986848	13.53%	2.099%

LSC Area Percent Report

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Operator : VA/AP
Sample : J5324-01
Misc : 5.01g/5ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : OILY-DEBRIS

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\82D100118S.M
Title : SW846 8260

35	13.429	1206	1210	1216	rVB	1241058	1737146	23.82%	3.694%
36	13.518	1216	1219	1226	rBV	1407021	1758341	24.11%	3.739%
37	13.616	1226	1229	1235	rVB3	70973	118846	1.63%	0.253%
38	13.714	1235	1239	1241	rBV2	79848	164833	2.26%	0.351%
39	13.803	1246	1248	1250	rVV	84354	115893	1.59%	0.246%
40	13.862	1250	1254	1259	rVV4	40648	102552	1.41%	0.218%
41	13.951	1259	1263	1268	rVB2	56699	98305	1.35%	0.209%
42	14.118	1277	1280	1283	rBV	190196	219244	3.01%	0.466%
43	14.207	1286	1289	1295	rBV	1066782	1305859	17.90%	2.777%
44	14.295	1295	1298	1299	rBV	1468575	1587764	21.77%	3.377%
45	14.325	1299	1301	1305	rVB	3671803	4207259	57.68%	8.948%
46	14.482	1315	1317	1323	rVB4	59621	115509	1.58%	0.246%
47	14.610	1327	1330	1339	rBV	5888508	7294084	100.00%	15.512%
48	14.728	1339	1342	1345	rVB	438191	619710	8.50%	1.318%
49	14.866	1353	1356	1359	rBV	921539	1005363	13.78%	2.138%
50	14.915	1359	1361	1363	rVB	99878	111651	1.53%	0.237%
51	14.954	1363	1365	1370	rVB	67070	106865	1.47%	0.227%
52	15.033	1370	1373	1377	rVB3	107739	169796	2.33%	0.361%
53	15.210	1388	1391	1394	rBV	270775	305483	4.19%	0.650%
54	15.486	1416	1419	1422	rBV	420034	494606	6.78%	1.052%
55	16.096	1477	1481	1483	rVB4	38405	73744	1.01%	0.157%
56	16.588	1528	1531	1537	rVB2	67518	135045	1.85%	0.287%
57	16.952	1564	1568	1572	rVB3	34737	79392	1.09%	0.169%

Sum of corrected areas: 47021413

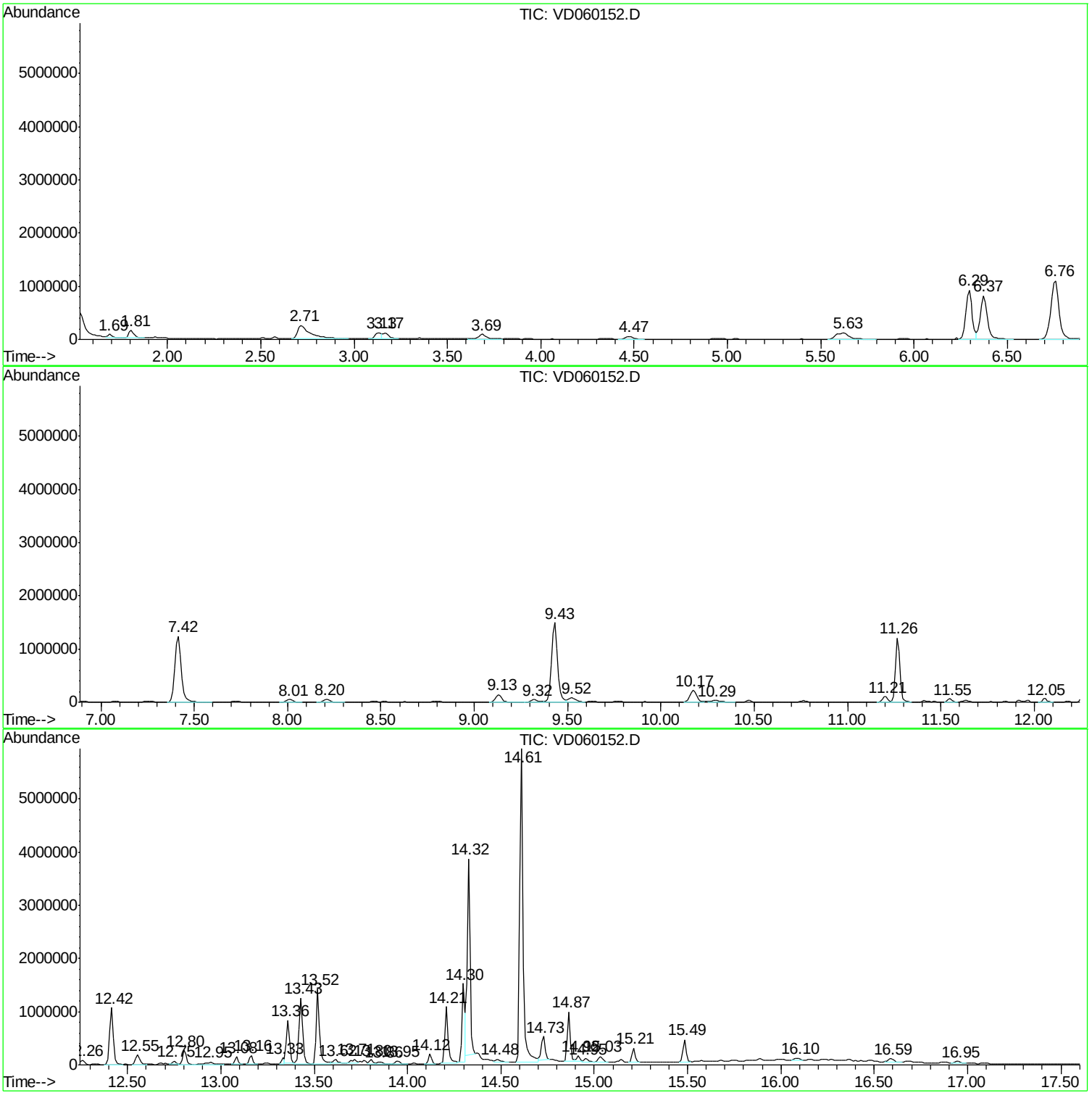
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100918\
Data File : VD060152.D
Acq On : 9 Oct 2018 15:44
Operator : VA/AP
Sample : J5324-01
Misc : 5.01g/5ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : OILY-DEBRIS

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.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\VD100918\
Data File : VD060152.D
Acq On : 9 Oct 2018 15:44
Operator : VA/AP
Sample : J5324-01
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ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : OILY-DEBRIS

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260

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

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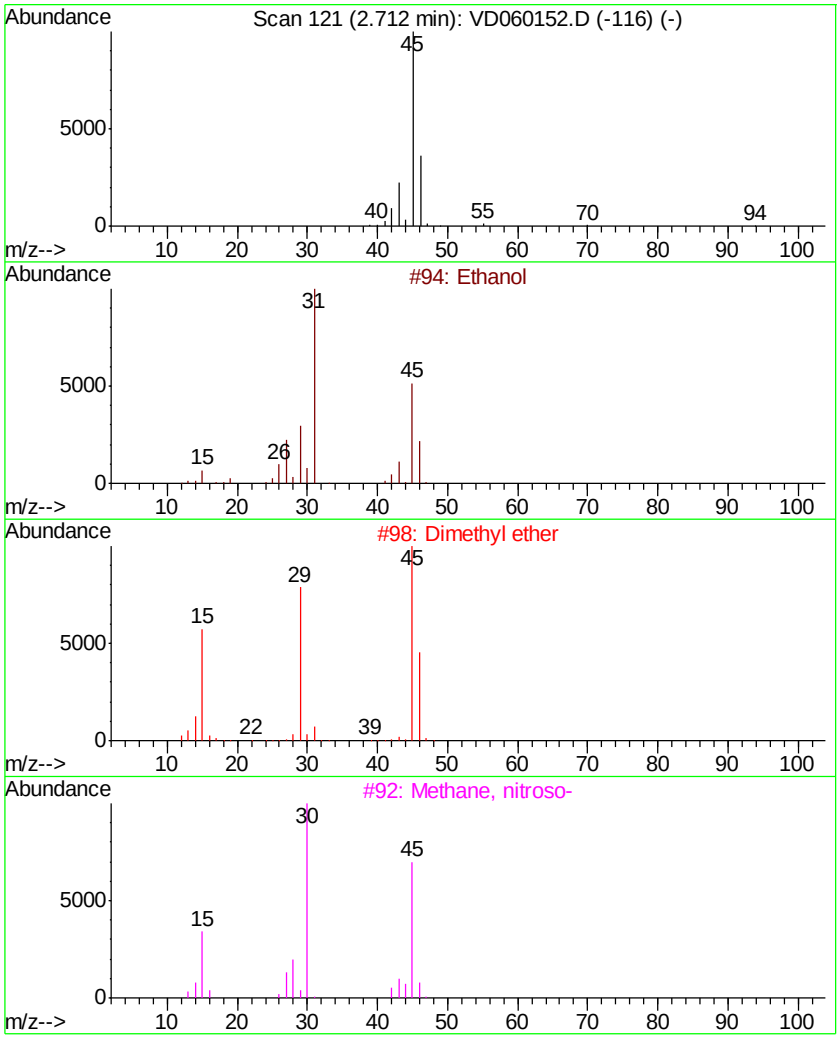
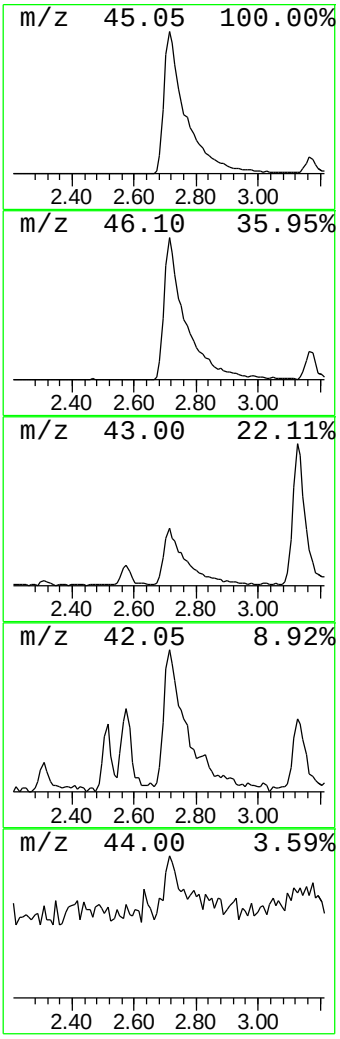
Peak Number 1 Ethanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.71	29.85 ug/l	1262680	Pentafluorobenzene	6.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	64
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Methane, nitroso-	45	CH3NO	000865-40-7	4
4	Propanedioic acid, dihydroxy-	136	C3H4O6	000560-27-0	4
5	Formic acid	46	CH2O2	000064-18-6	4





Library Search Compound Report

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Data File : VD060152.D
Acq On : 9 Oct 2018 15:44
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Sample : J5324-01
Misc : 5.01g/5ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : OILY-DEBRIS

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260

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

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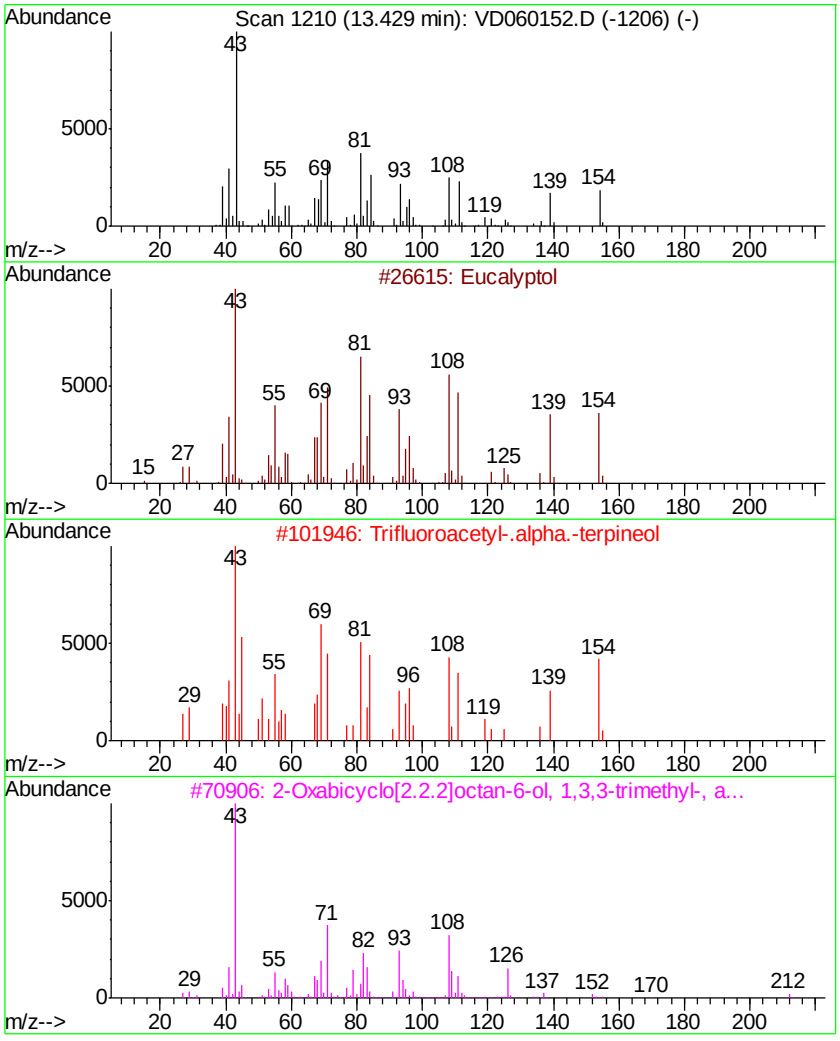
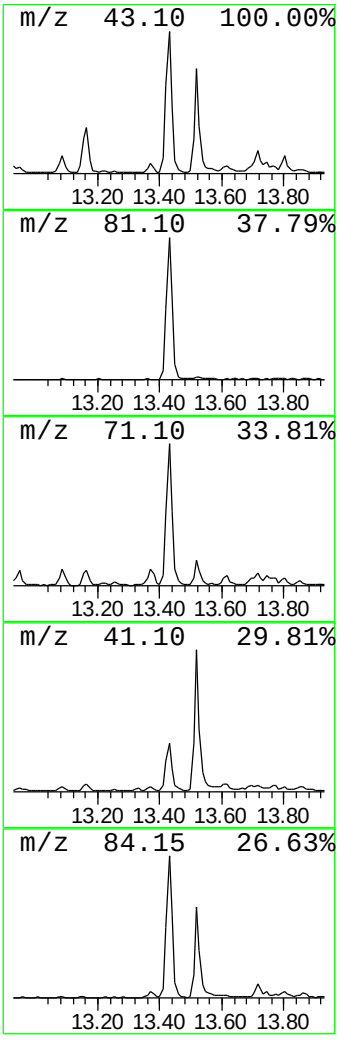
Peak Number 2 Eucalyptol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	88.01 ug/l	1737150	1,4-Dichlorobenzene-d4	13.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	96
2	Trifluoroacetyl-.alpha.-terpineol	250	C12H17F3O2	1000058-17-6	50
3	2-Oxabicyclo[2.2.2]octan-6-ol, 1...	212	C12H20O3	057709-95-2	32
4	2-Acetonylcyclohexanone	154	C9H14O2	006126-53-0	18
5	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	16





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100918\
Data File : VD060152.D
Acq On : 9 Oct 2018 15:44
Operator : VA/AP
Sample : J5324-01
Misc : 5.01g/5ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : OILY-DEBRIS

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260

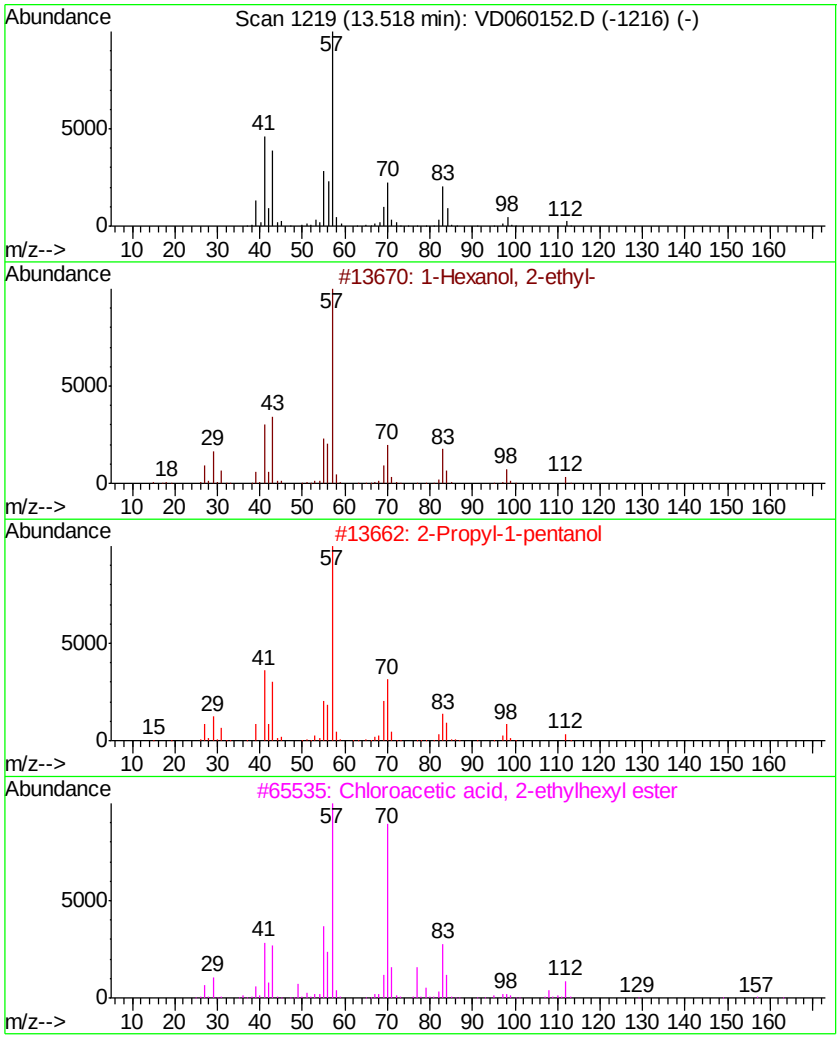
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

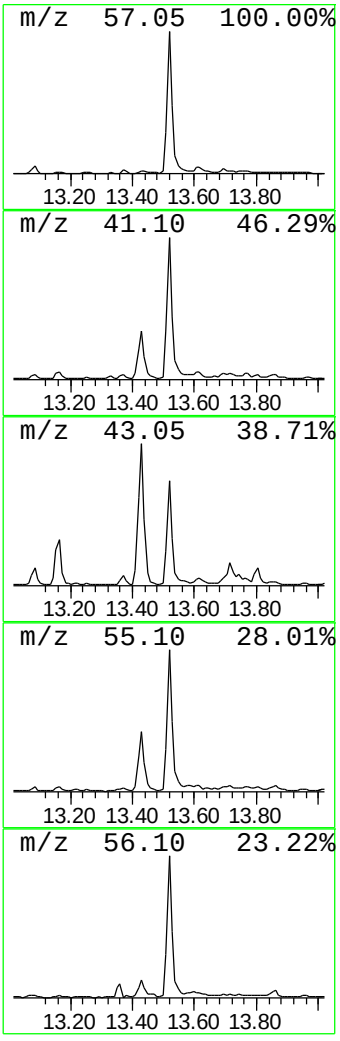
****

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	89.09 ug/l	1758340	1,4-Dichlorobenzene-d4	13.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59
3	Chloroacetic acid, 2-ethylhexyl ...	206	C10H19ClO2	005345-58-4	53
4	1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	42
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	40





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100918\
Data File : VD060152.D
Acq On : 9 Oct 2018 15:44
Operator : VA/AP
Sample : J5324-01
Misc : 5.01g/5ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : OILY-DEBRIS

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260

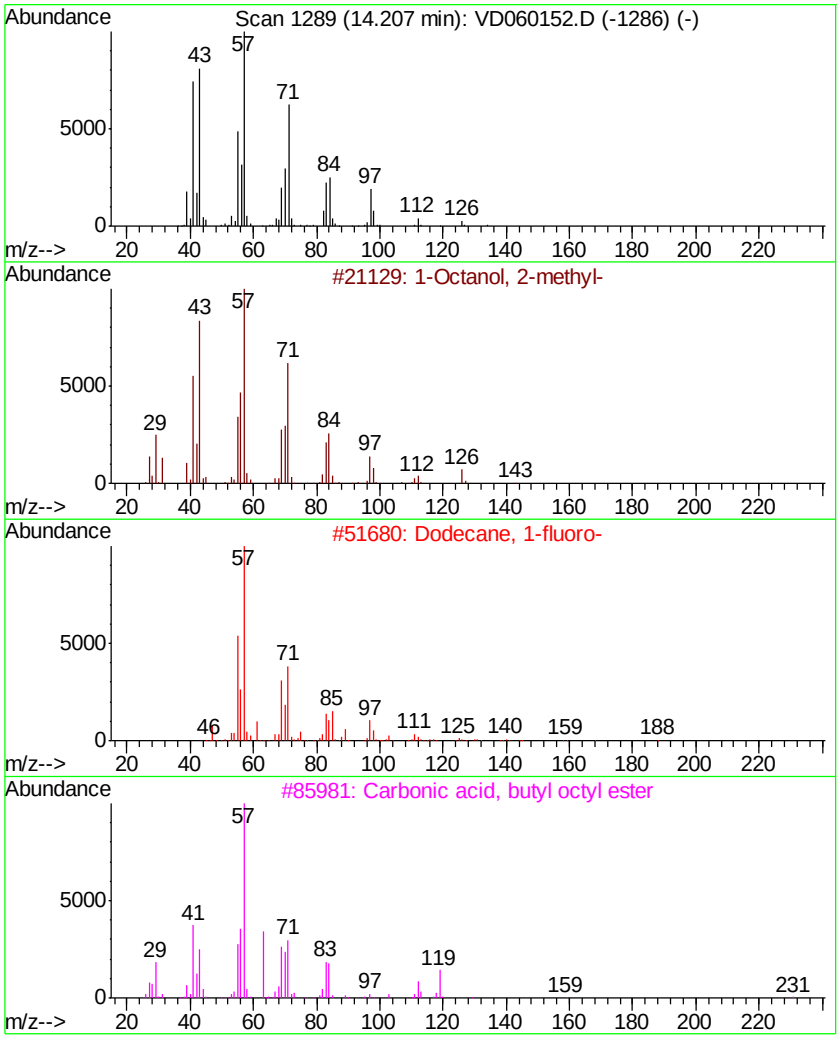
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

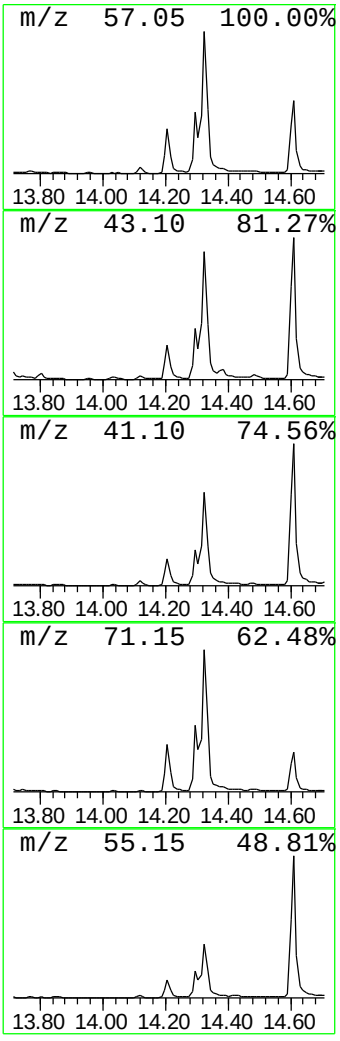
****

Peak Number 4 1-Octanol, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	66.16 ug/l	1305860	1,4-Dichlorobenzene-d4	13.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 2-methyl-	144	C9H20O	000818-81-5	72
2	Dodecane, 1-fluoro-	188	C12H25F	000334-68-9	64
3	Carbonic acid, butyl octyl ester	230	C13H26O3	1000314-63-5	59
4	1-Fluorononane	146	C9H19F	000463-18-3	59
5	Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	47





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Sample : J5324-01
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ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : OILY-DEBRIS

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260

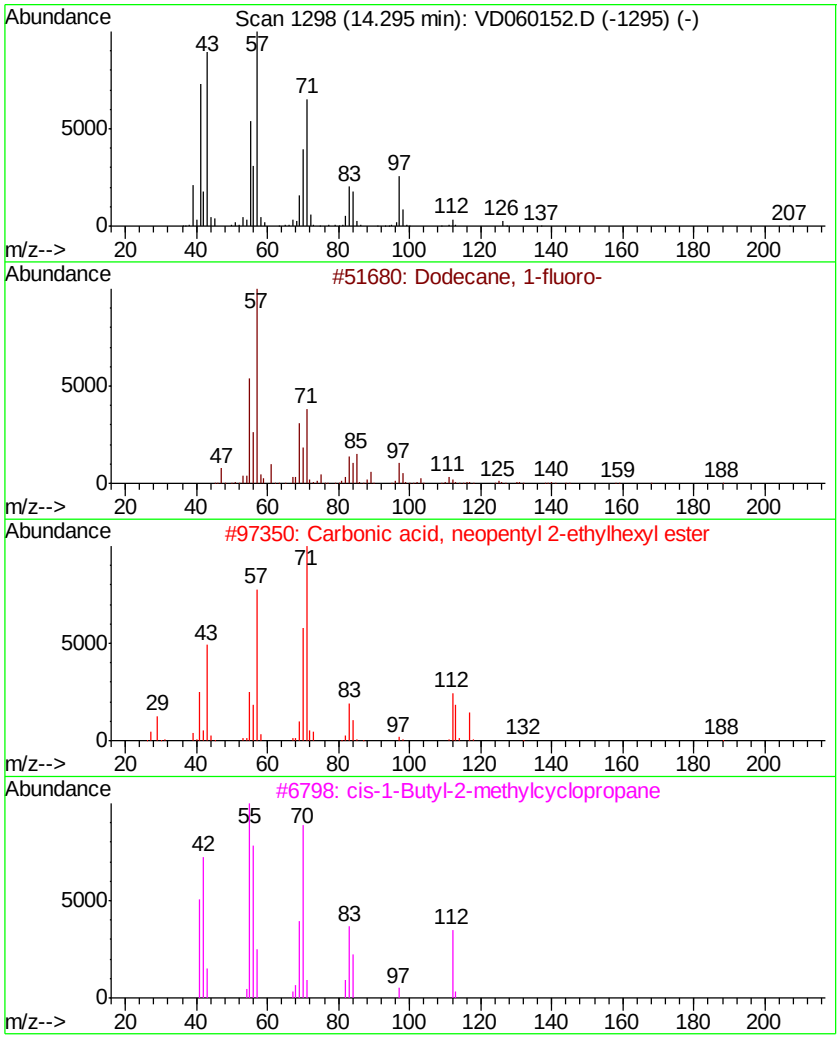
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

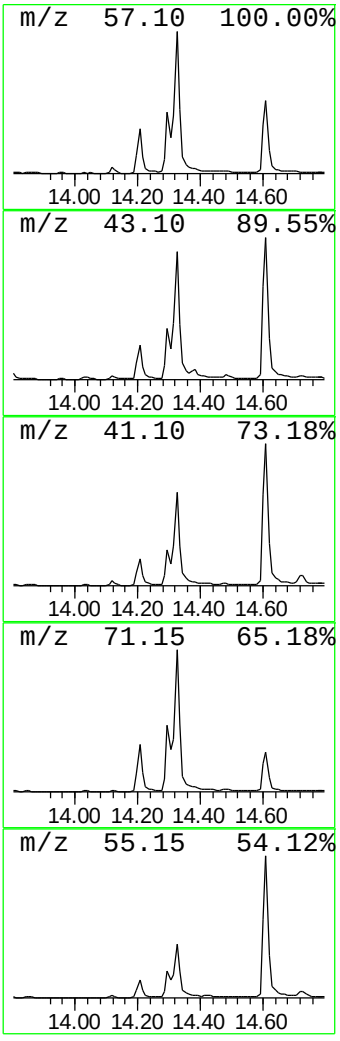
****

Peak Number 5 Dodecane, 1-fluoro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	80.45 ug/l	1587760	1,4-Dichlorobenzene-d4	13.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-fluoro-	188	C12H25F	000334-68-9	59
2	Carbonic acid, neopentyl 2-ethyl...	244	C14H28O3	1000357-85-7	53
3	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	47
4	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	43
5	1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	43





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Instrument : MSVOA_D
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260

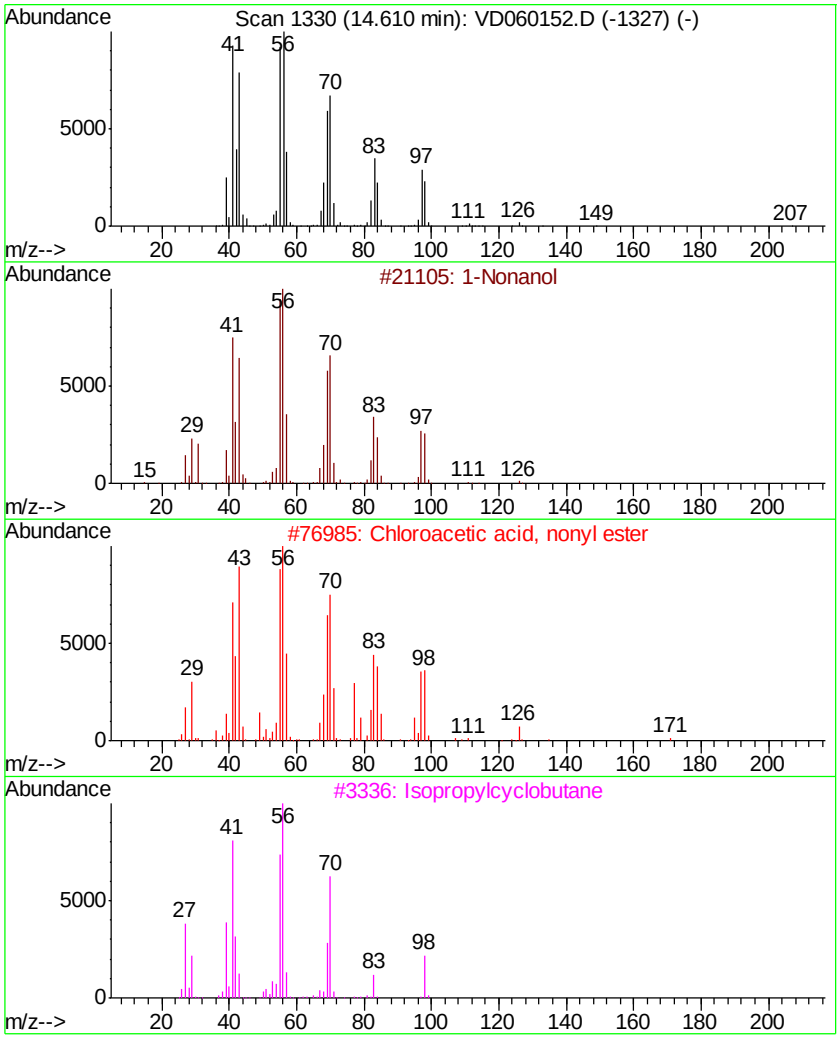
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

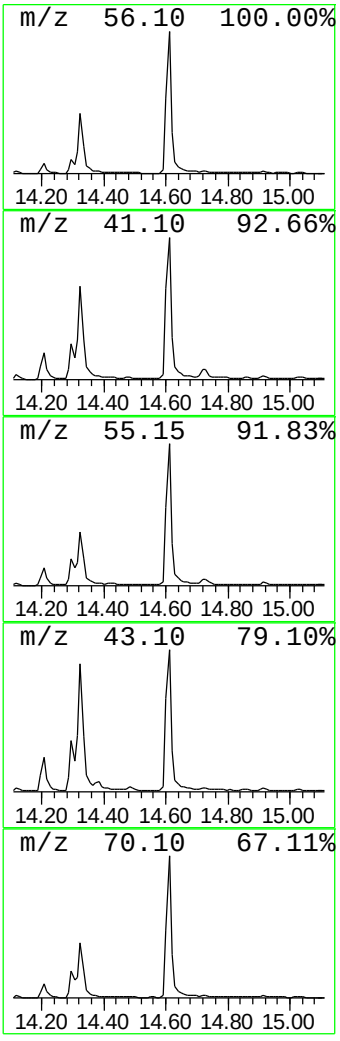
****

Peak Number 7 1-Nonanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	369.57 ug/l	7294080	1,4-Dichlorobenzene-d4	13.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonanol	144	C9H20O	000143-08-8	91
2	Chloroacetic acid, nonyl ester	220	C11H21ClO2	005451-96-7	83
3	Isopropylcyclobutane	98	C7H14	000872-56-0	76
4	1-Octanol	130	C8H18O	000111-87-5	72
5	Cycloheptane	98	C7H14	000291-64-5	68





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Data File : VD060152.D
Acq On : 9 Oct 2018 15:44
Operator : VA/AP
Sample : J5324-01
Misc : 5.01g/5ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : OILY-DEBRIS

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260

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

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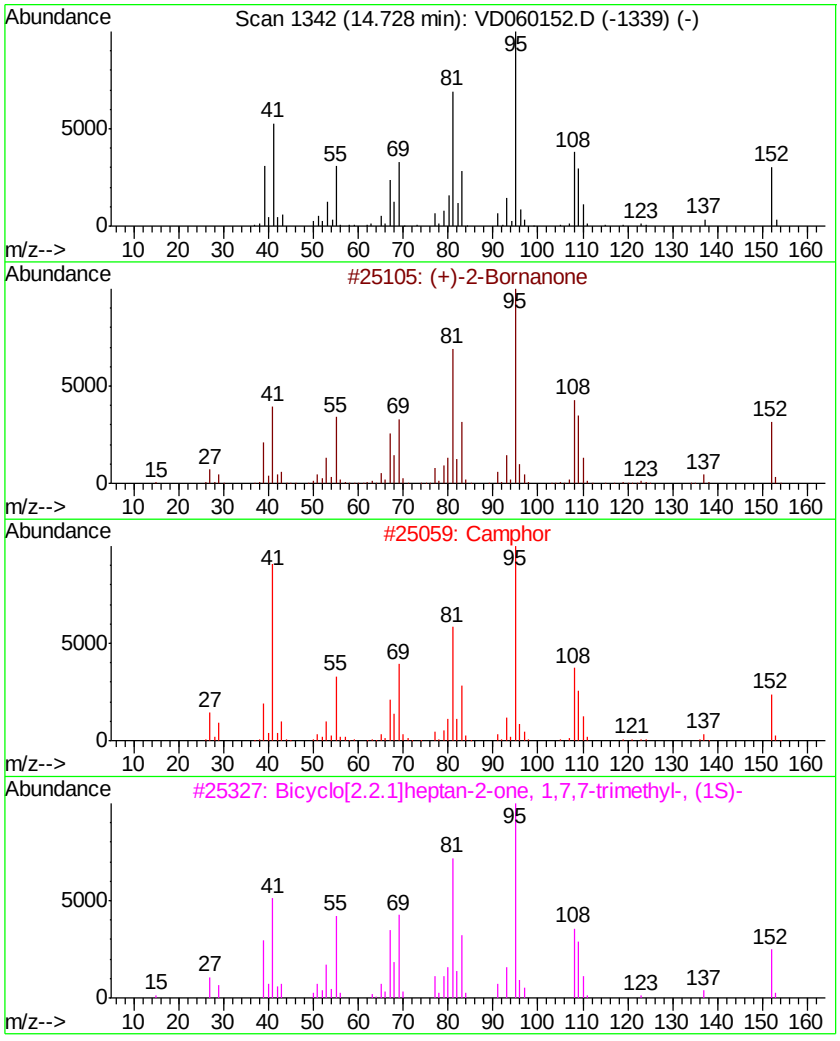
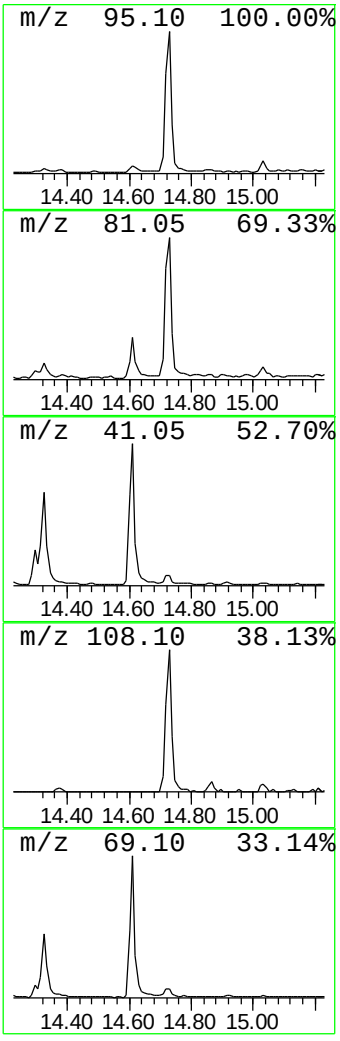
Peak Number 8 (+)-2-Bornanone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	31.40 ug/l	619710	1,4-Dichlorobenzene-d4	13.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	97
2	Camphor	152	C10H16O	000076-22-2	95
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	91
4	2-Butanone, 4-(5-methyl-2-furanyl)-	152	C9H12O2	013679-56-6	46
5	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	38





Library Search Compound Report

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Instrument : MSVOA_D
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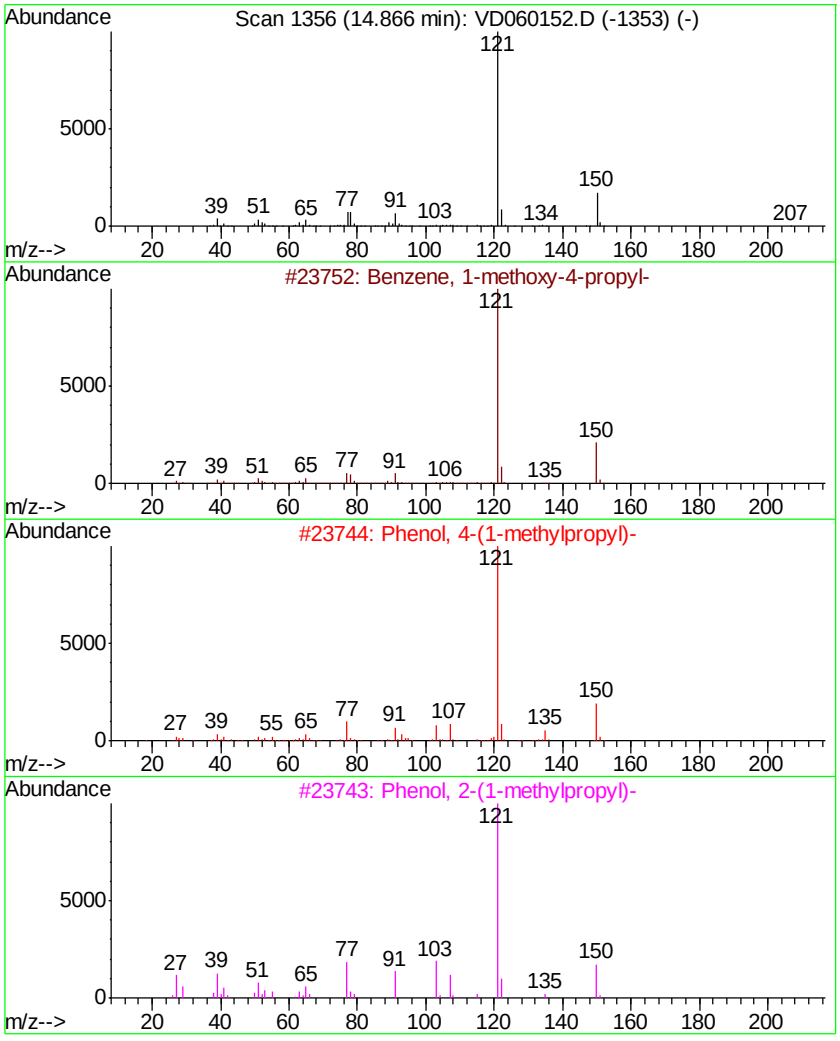
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260

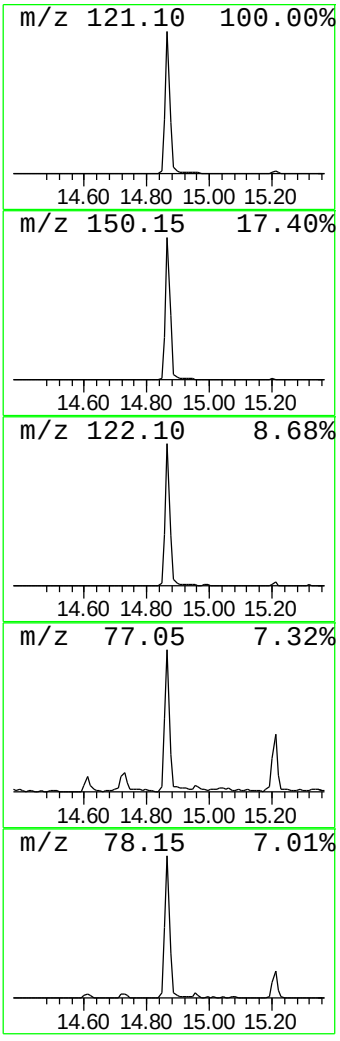
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-methoxy-4-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	50.94 ug/l	1005360	1,4-Dichlorobenzene-d4	13.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methoxy-4-propyl-	150	C10H14O	000104-45-0	91
2	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	78
3	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	78
4	6-[4-Methoxybenzyloxy]-8-nitrole...	324	C18H16N2O4	1000213-39-1	72
5	2-Methyl-4-propylphenol	150	C10H14O	018441-56-0	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100918\
Data File : VD060152.D
Acq On : 9 Oct 2018 15:44
Operator : VA/AP
Sample : J5324-01
Misc : 5.01g/5ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : OILY-DEBRIS

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260

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

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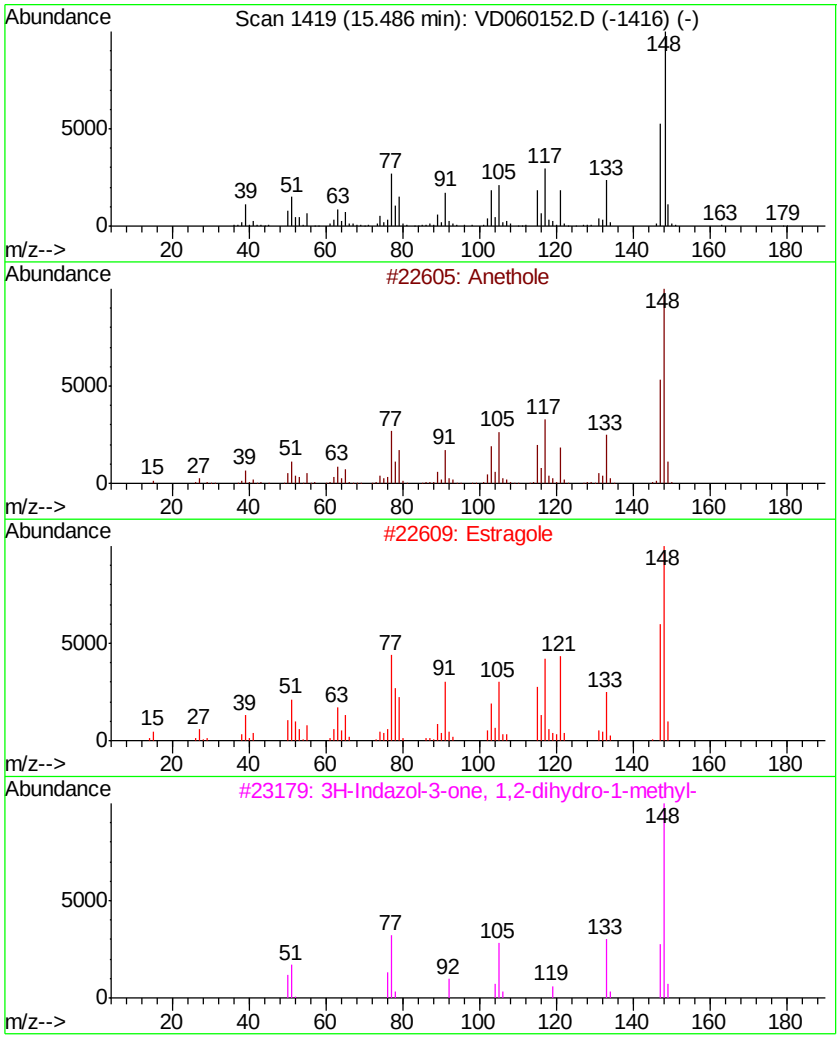
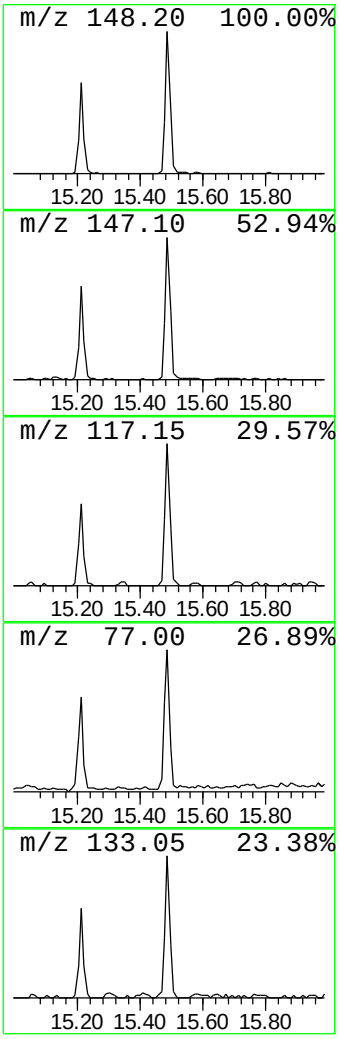
Peak Number 10 Anethole Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	25.06 ug/l	494606	1,4-Dichlorobenzene-d4	13.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anethole	148	C10H12O	000104-46-1	98
2	Estragole	148	C10H12O	000140-67-0	94
3	3H-Indazol-3-one, 1,2-dihydro-1-...	148	C8H8N2O	001006-19-5	52
4	Benzene, (1-propynylthio)-	148	C9H8S	006212-77-7	50
5	2-Hydroxymethylbenzimidazole	148	C8H8N2O	022128-99-0	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100918\
Data File : VD060152.D
Acq On : 9 Oct 2018 15:44
Operator : VA/AP
Sample : J5324-01
Misc : 5.01g/5ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : OILY-DEBRIS

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.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
Ethanol	2.71	29.9	ug/l	1262680	1	6.37	2115120	50.0
Eucalyptol	13.43	88.0	ug/l	1737150	4	13.36	986848	50.0
1-Hexanol, 2-ethyl-	13.52	89.1	ug/l	1758340	4	13.36	986848	50.0
1-Octanol, 2-methyl-	14.21	66.2	ug/l	1305860	4	13.36	986848	50.0
Dodecane, 1-fluoro-	14.30	80.5	ug/l	1587760	4	13.36	986848	50.0
1-Nonanol	14.61	369.6	ug/l	7294080	4	13.36	986848	50.0
(+)-2-Bornanone	14.73	31.4	ug/l	619710	4	13.36	986848	50.0
Benzene, 1-methox...	14.87	50.9	ug/l	1005360	4	13.36	986848	50.0
Anethole	15.49	25.1	ug/l	494606	4	13.36	986848	50.0