LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062218\
Data File : VD058324.D
Acq On : 23 Jun 2018 6:09
Operator : VA/AP
Sample : J3252-03
Misc : 5.27g/5ml/MSVOA D/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TR-05-062118

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\82D061918S.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	1.227	94	102	105	rBV	1388749	3429319	47.79%	11.421%
2	1.296	105	109	131	rVB	2026327	7175314	100.00%	23.897%
3	2.625	240	244	255	rBV	21304	74958	1.04%	0.250%
4	3.097	286	292	296	rBV5	24405	73600	1.03%	0.245%
5	3.757	352	359	367	rBV	91250	269190	3.75%	0.897%
6	4.859	464	471	480	rBV2	21943	84611	1.18%	0.282%
7	5.568	536	543	547	rBV	448706	1255373	17.50%	4.181%
8	5.657	547	552	567	rVB	627751	1850384	25.79%	6.163%
9	6.031	583	590	602	rBV	378043	1002731	13.97%	3.340%
10	6.700	652	658	670	rBV	848879	2147487	29.93%	7.152%
11	8.718	857	863	870	rBV	679899	1580937	22.03%	5.265%
12	10.697	1059	1064	1075	rVB	952579	1699053	23.68%	5.659%
13	11.937	1186	1190	1198	rBV	1141134	1619292	22.57%	5.393%
14	12.095	1204	1206	1210	rVB	61149	99448	1.39%	0.331%
15	12.361	1231	1233	1236	rVB	81876	105268	1.47%	0.351%
16	12.469	1240	1244	1246	rBV2	67552	109487	1.53%	0.365%
17	12.626	1255	1260	1268	rVB2	97884	194831	2.72%	0.649%
18	12.833	1278	1281	1285	rBV3	51876	79980	1.11%	0.266%
19	12.912	1286	1289	1292	rVV	1398147	1877596	26.17%	6.253%
20	12.951	1292	1293	1295	rVV	130517	126000	1.76%	0.420%
21	13.178	1314	1316	1322	rBV2	90000	188460	2.63%	0.628%
22	13.296	1325	1328	1332	rVV2	242389	371653	5.18%	1.238%
23	13.404	1337	1339	1341	rVV	69612	103301	1.44%	0.344%
24	13.453	1341	1344	1346	rVV4	80549	130389	1.82%	0.434%
25	13.532	1349	1352	1357	rVV5	101238	200833	2.80%	0.669%
26	13.670	1363	1366	1369	rVV3	65137	116107	1.62%	0.387%
27	13.729	1369	1372	1375	rVV4	94344	205878	2.87%	0.686%
28	13.778	1375	1377	1379	rVV2	149455	182915	2.55%	0.609%
29	13.827	1379	1382	1384	rVV4	75008	155360	2.17%	0.517%
30	13.867	1384	1386	1390	rVV3	58155	117918	1.64%	0.393%
31	13.965	1394	1396	1398	rVV2	54122	84758	1.18%	0.282%
32	14.064	1402	1406	1412	rVV3	439561	790966	11.02%	2.634%
33	14.162	1412	1416	1418	rVV2	112937	229000	3.19%	0.763%
34	14.192	1418	1419	1424	rVV4	136807	252075	3.51%	0.840%

LSC Area Percent Report

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Acq On : 23 Jun 2018 6:09
Operator : VA/AP
Sample : J3252-03
Misc : 5.27g/5ml/MSVOA D/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TR-05-062118

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\82D061918S.M
Title : SW846 8260

35	14.329	1429	1433	1436	rVV3	69911	176549	2.46%	0.588%
36	14.398	1436	1440	1442	rVV2	75461	160416	2.24%	0.534%
37	14.438	1442	1444	1446	rVV3	76799	120944	1.69%	0.403%
38	14.467	1446	1447	1449	rVV2	59779	89931	1.25%	0.300%
39	14.507	1449	1451	1454	rVV2	72101	111816	1.56%	0.372%
40	14.566	1454	1457	1460	rVV2	172258	303979	4.24%	1.012%
41	14.635	1460	1464	1466	rVV3	96993	184124	2.57%	0.613%
42	14.733	1472	1474	1476	rVV	167451	184593	2.57%	0.615%
43	14.802	1479	1481	1484	rVV3	50009	83736	1.17%	0.279%
44	14.871	1484	1488	1489	rVV3	61644	104681	1.46%	0.349%
45	14.900	1489	1491	1495	rVB	125737	172409	2.40%	0.574%
46	14.969	1495	1498	1500	rBV2	51827	76352	1.06%	0.254%
47	15.107	1509	1512	1515	rBV3	84271	126433	1.76%	0.421%
48	15.215	1521	1523	1527	rBV3	68579	145296	2.02%	0.484%

Sum of corrected areas: 30025731

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062218\
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Acq On : 23 Jun 2018 6:09
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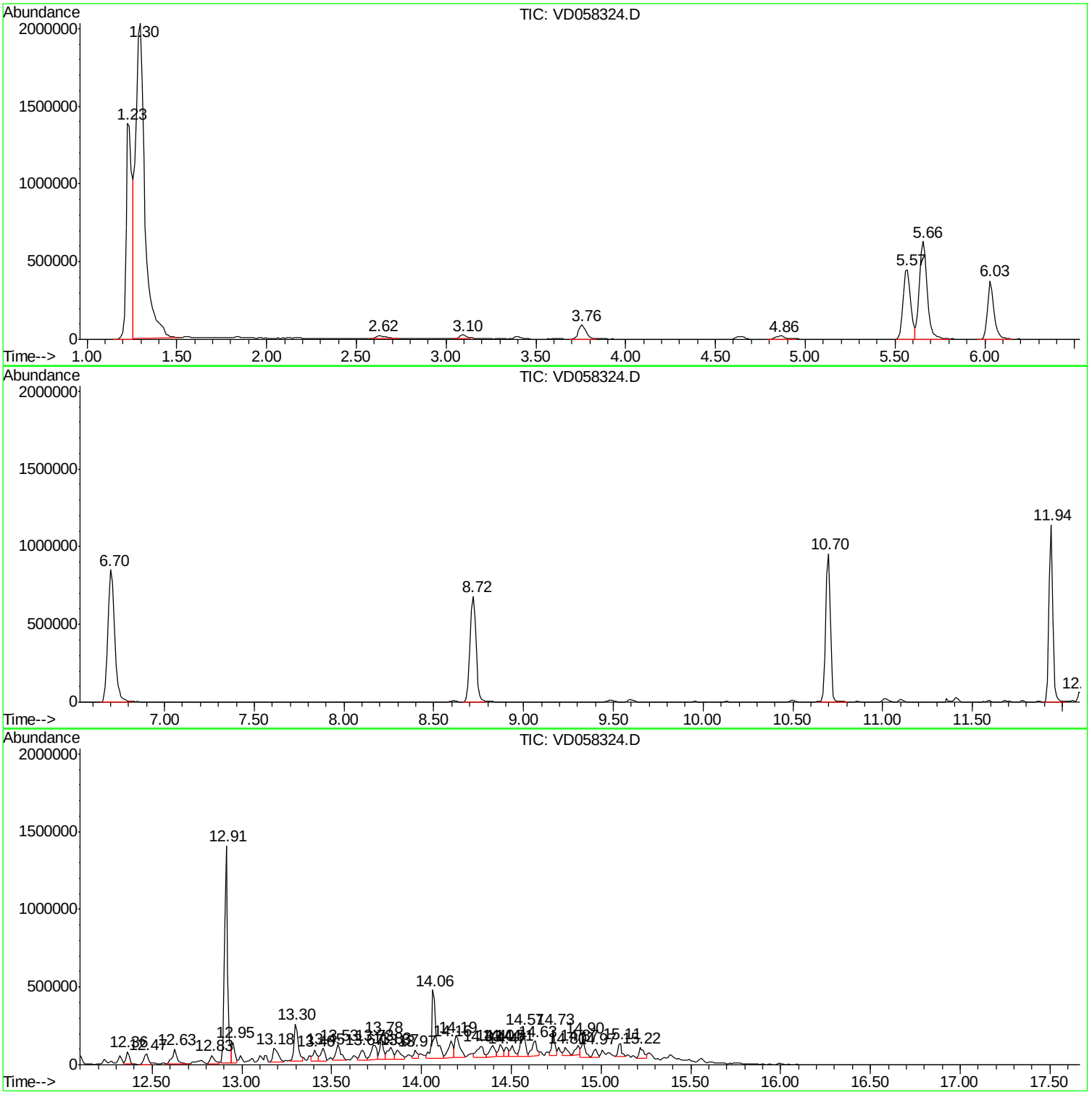
Misc : 5.27g/5ml/MSVOA_D/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TR-05-062118

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.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\VD062218\
Data File : VD058324.D
Acq On : 23 Jun 2018 6:09
Operator : VA/AP
Sample : J3252-03
Misc : 5.27g/5ml/MSVOA D/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TR-05-062118

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260

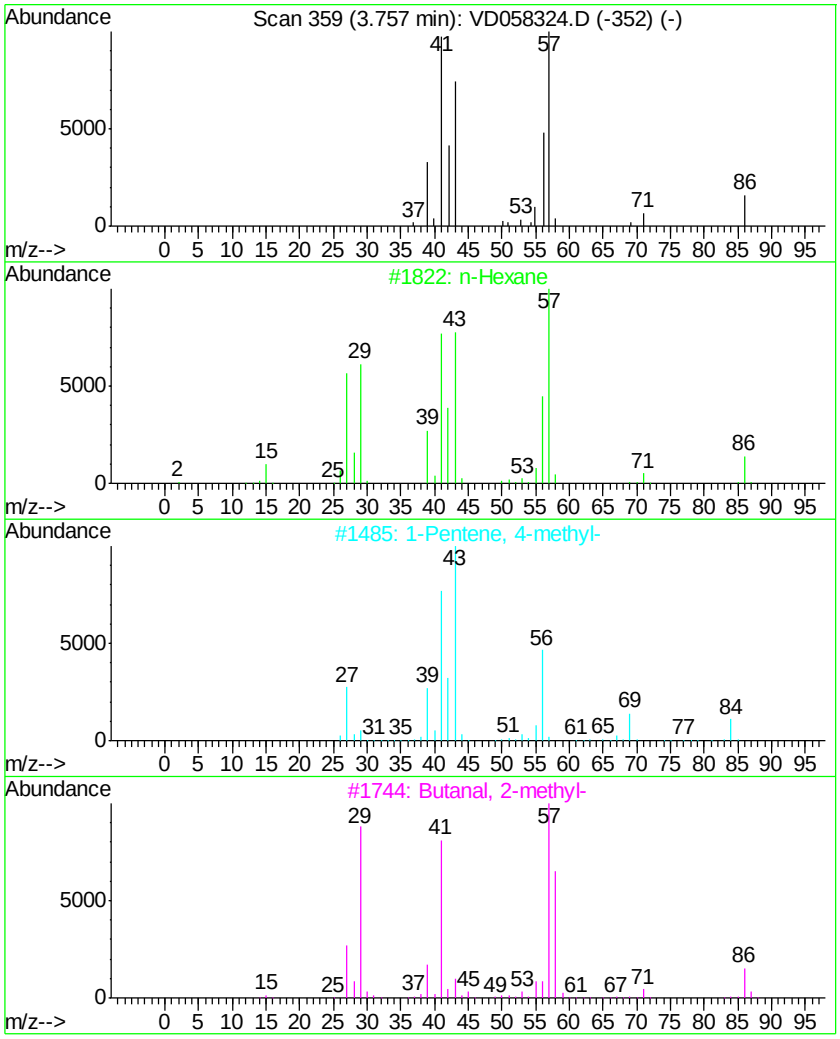
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

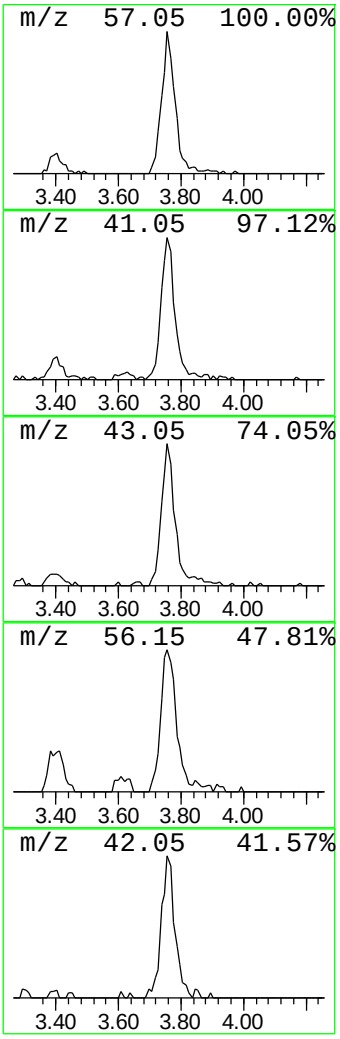
****

Peak Number 3 n-Hexane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.76	7.27 ug/l	269190	Pentafluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	91
2	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	40
3	Butanal, 2-methyl-	86	C5H10O	000096-17-3	27
4	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	27
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	27





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062218\
Data File : VD058324.D
Acq On : 23 Jun 2018 6:09
Operator : VA/AP
Sample : J3252-03
Misc : 5.27g/5ml/MSVOA D/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TR-05-062118

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260

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

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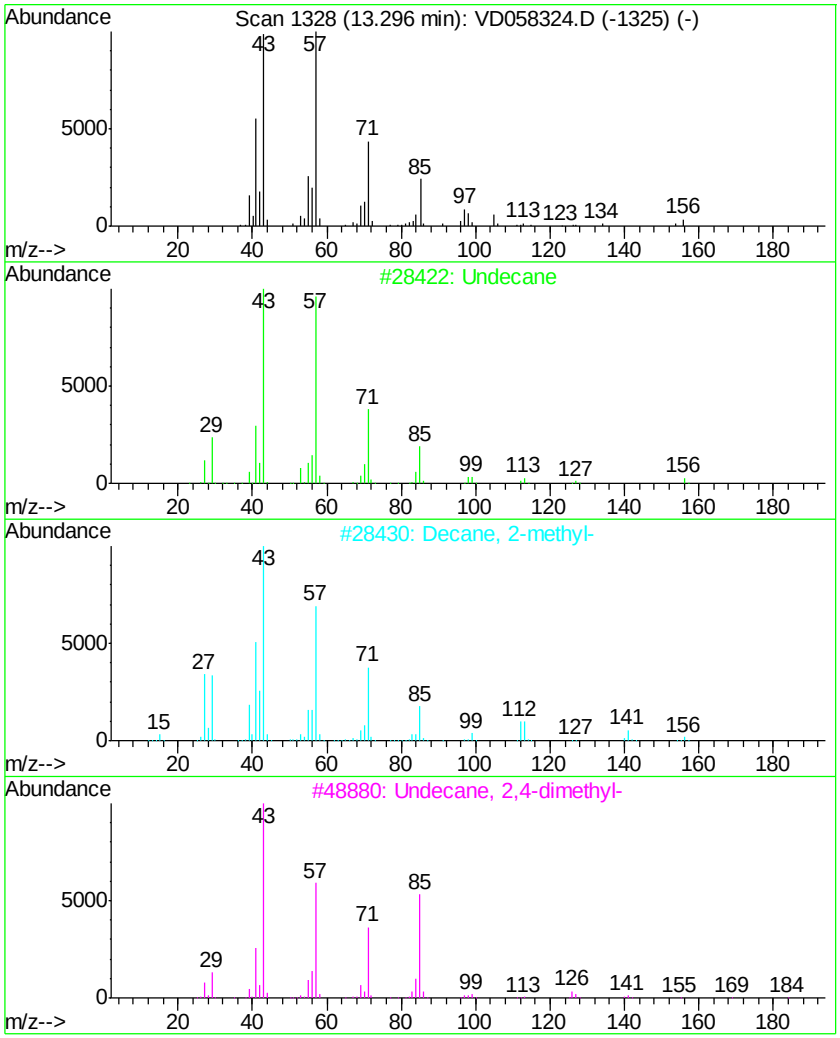
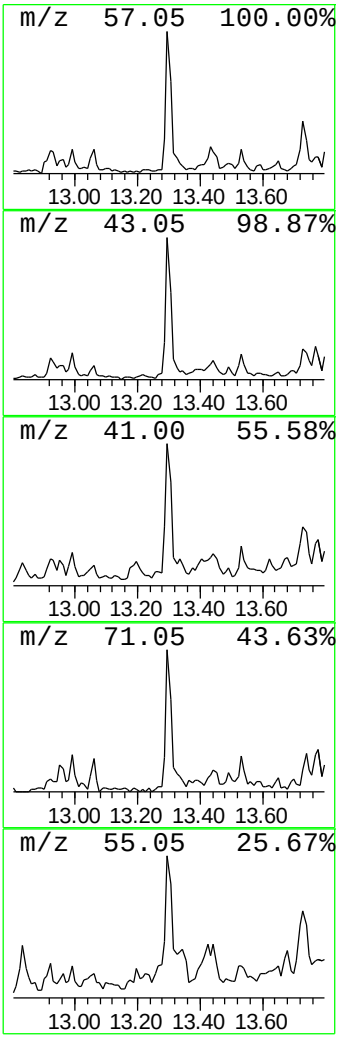
Peak Number 4 Undecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	9.90 ug/l	371653	1,4-Dichlorobenzene-d4	12.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	87
2	Decane, 2-methyl-	156	C11H24	006975-98-0	64
3	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	59
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	59
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062218\
Data File : VD058324.D
Acq On : 23 Jun 2018 6:09
Operator : VA/AP
Sample : J3252-03
Misc : 5.27g/5ml/MSVOA D/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TR-05-062118

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260

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

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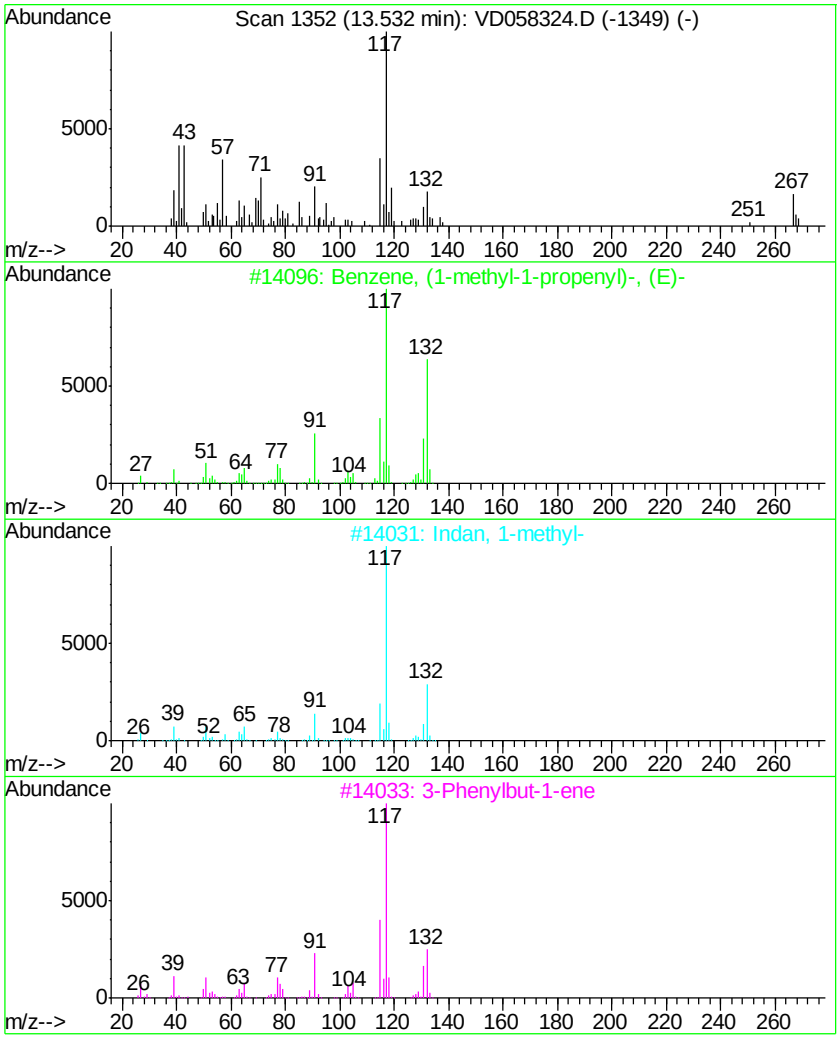
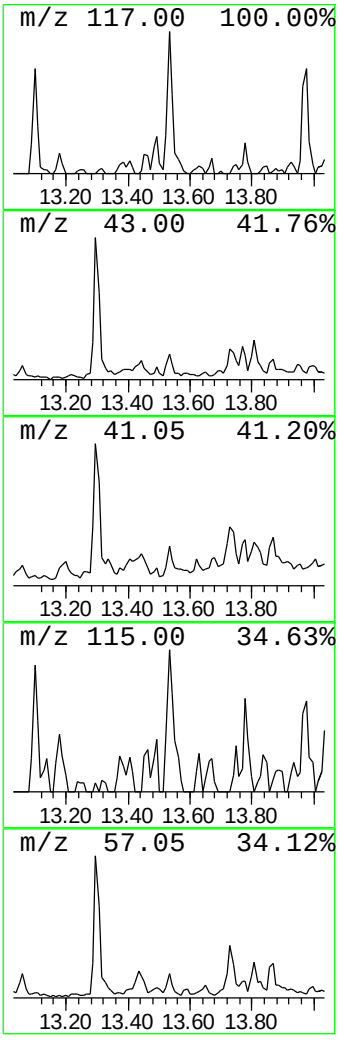
Peak Number 5 Benzene, (1-methyl-1-propen... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	5.35 ug/l	200833	1,4-Dichlorobenzene-d4	12.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	64
2	Indan, 1-methyl-	132	C10H12	000767-58-8	58
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	58
4	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	58
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062218\
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Operator : VA/AP
Sample : J3252-03
Misc : 5.27g/5ml/MSVOA D/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TR-05-062118

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260

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

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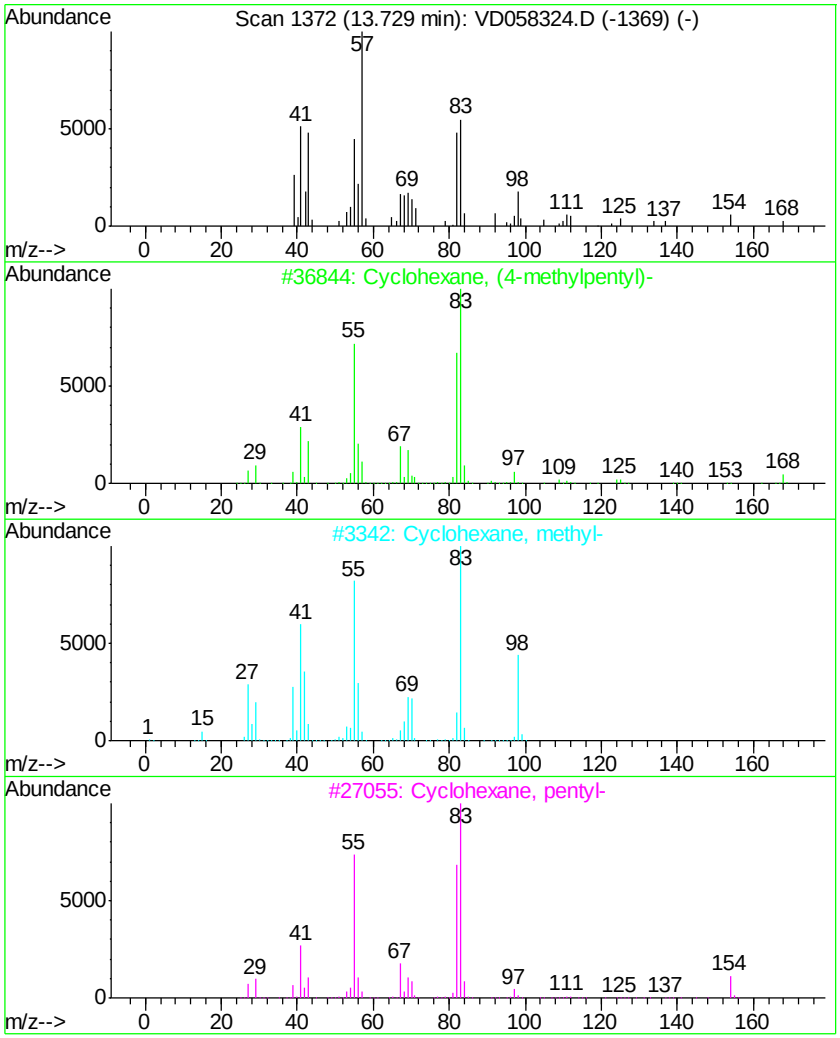
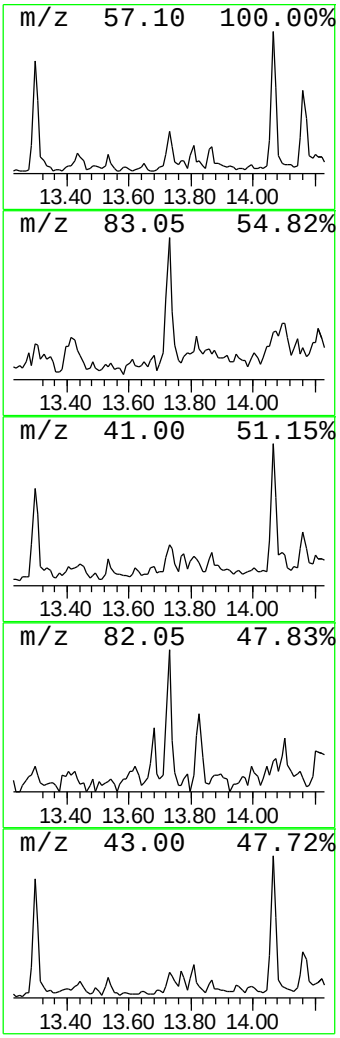
Peak Number 6 unknown13.73 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	5.48 ug/l	205878	1,4-Dichlorobenzene-d4	12.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	49
2	Cyclohexane, methyl-	98	C7H14	000108-87-2	43
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
4	Cyclohexane, hexyl-	168	C12H24	004292-75-5	43
5	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	38





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ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TR-05-062118

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
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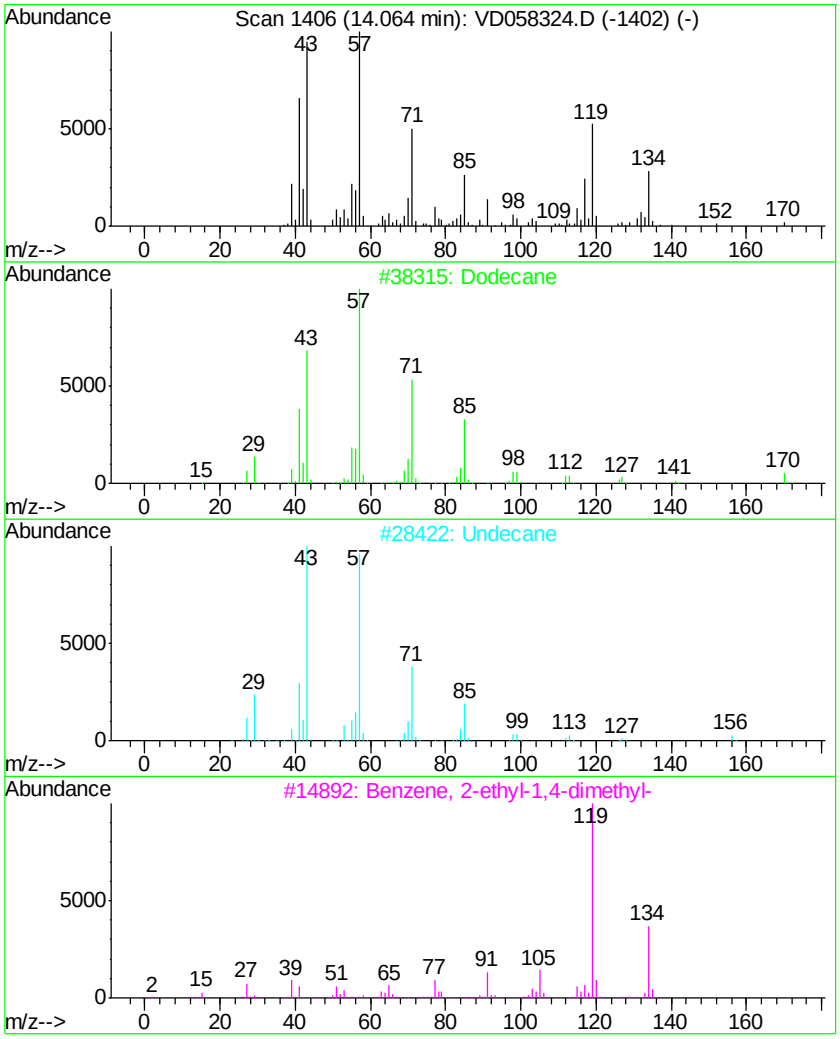
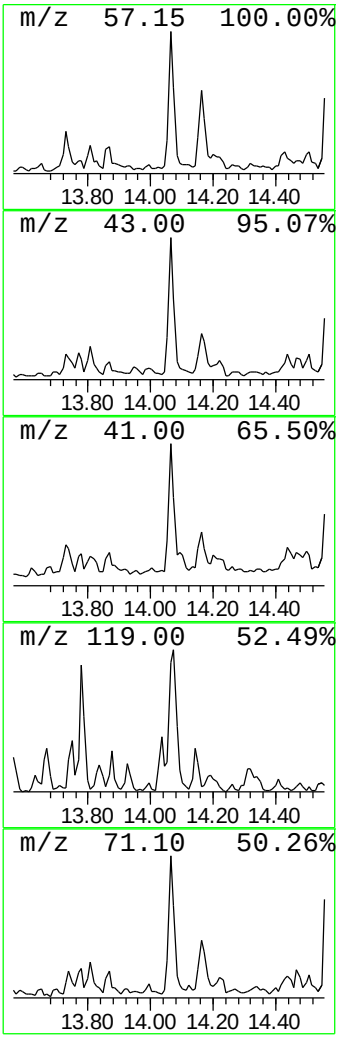
****

Peak Number 7 unknown14.06 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	21.06 ug/l	790966	1,4-Dichlorobenzene-d4	12.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	46
2	Undecane	156	C11H24	001120-21-4	35
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	25
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	25
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	25





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ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_D
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260

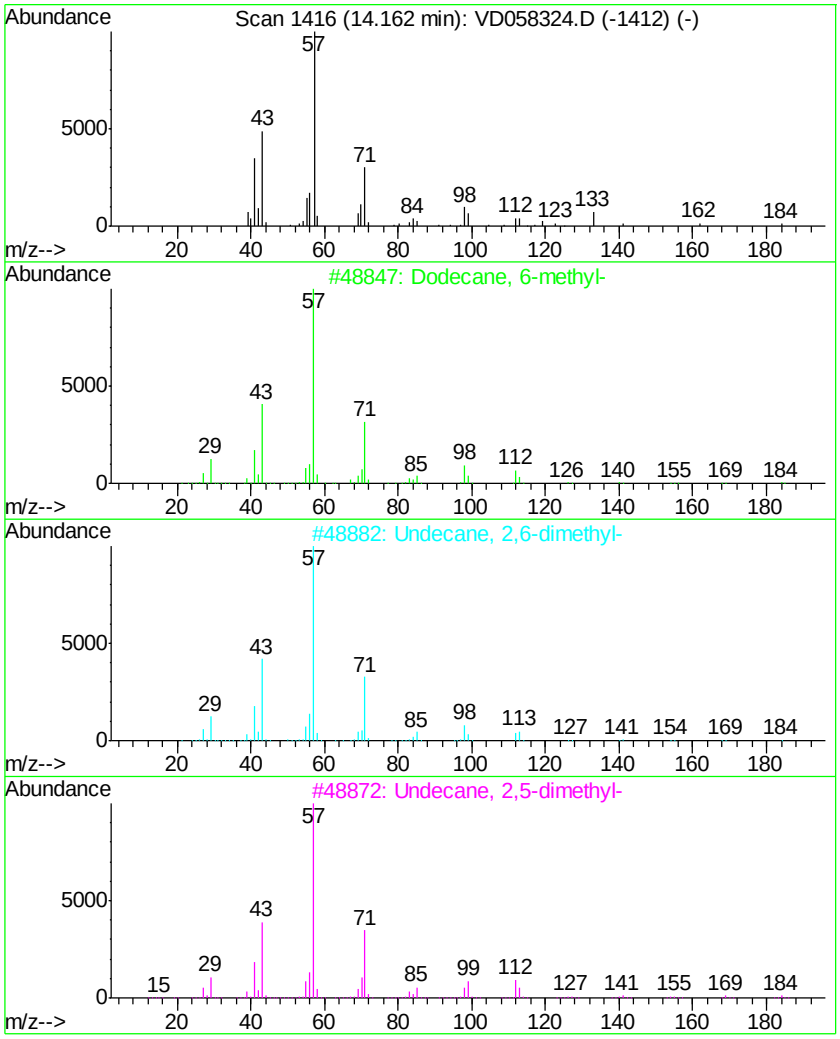
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

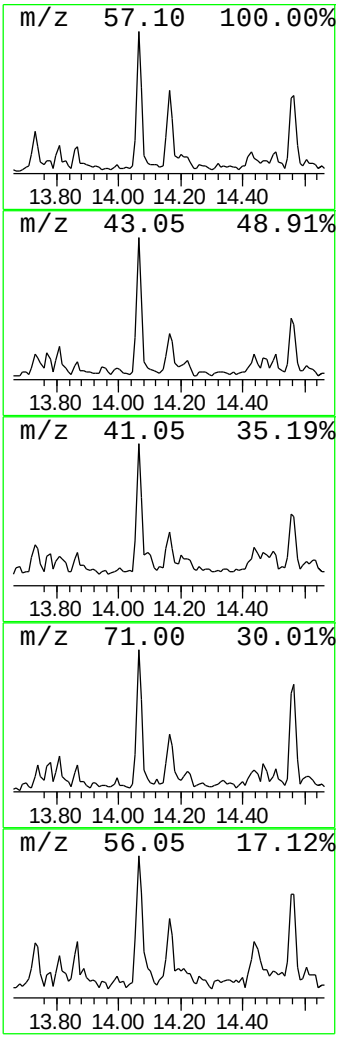
****

Peak Number 8 Dodecane, 6-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	6.10 ug/l	229000	1,4-Dichlorobenzene-d4	12.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 6-methyl-	184	C13H28	006044-71-9	83
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	74
3	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	72
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	59





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ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TR-05-062118

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260

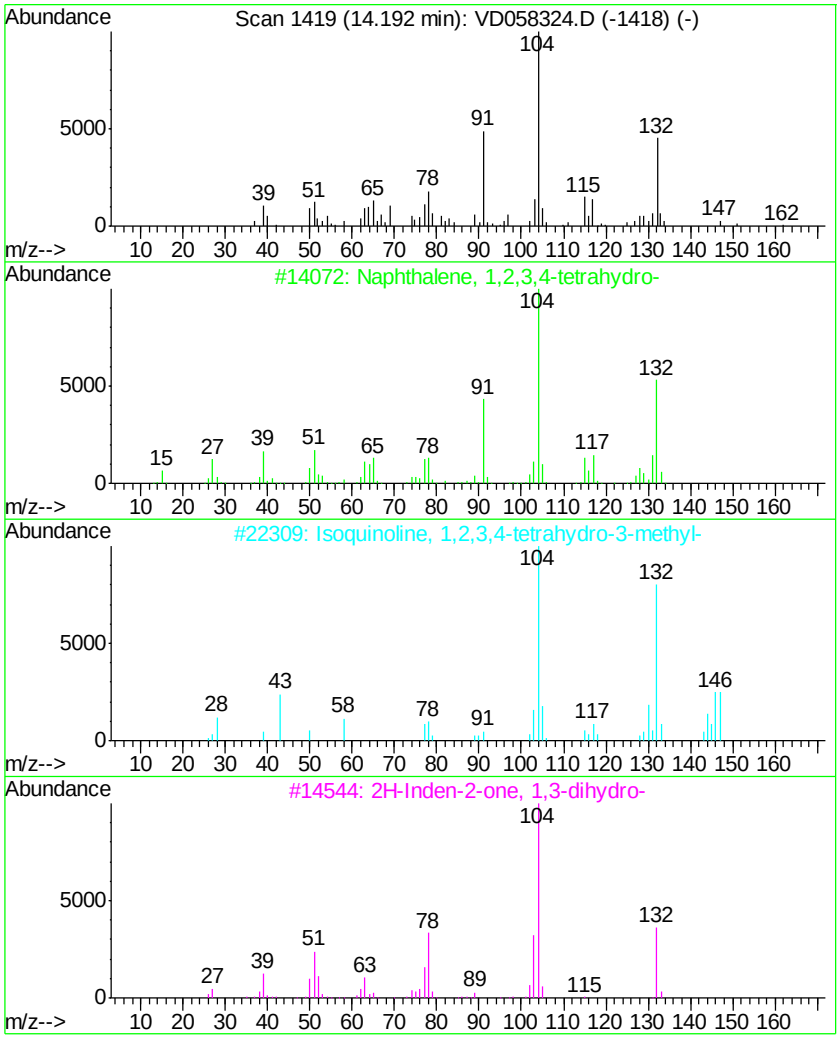
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

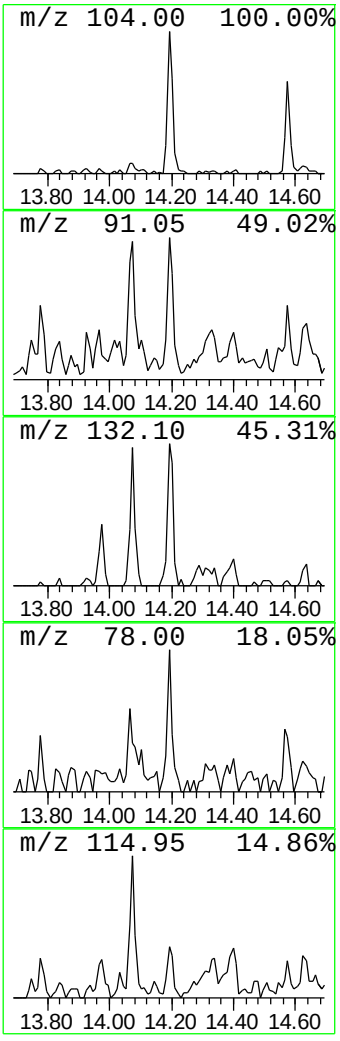
****

Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	6.71 ug/l	252075	1,4-Dichlorobenzene-d4	12.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
2	Isoquinoline, 1,2,3,4-tetrahydro...	147	C10H13N	029726-60-1	72
3	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	62
4	Indan, epoxide	132	C9H8O	000768-22-9	58
5	Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062218\
Data File : VD058324.D
Acq On : 23 Jun 2018 6:09
Operator : VA/AP
Sample : J3252-03
Misc : 5.27g/5ml/MSVOA D/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TR-05-062118

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260

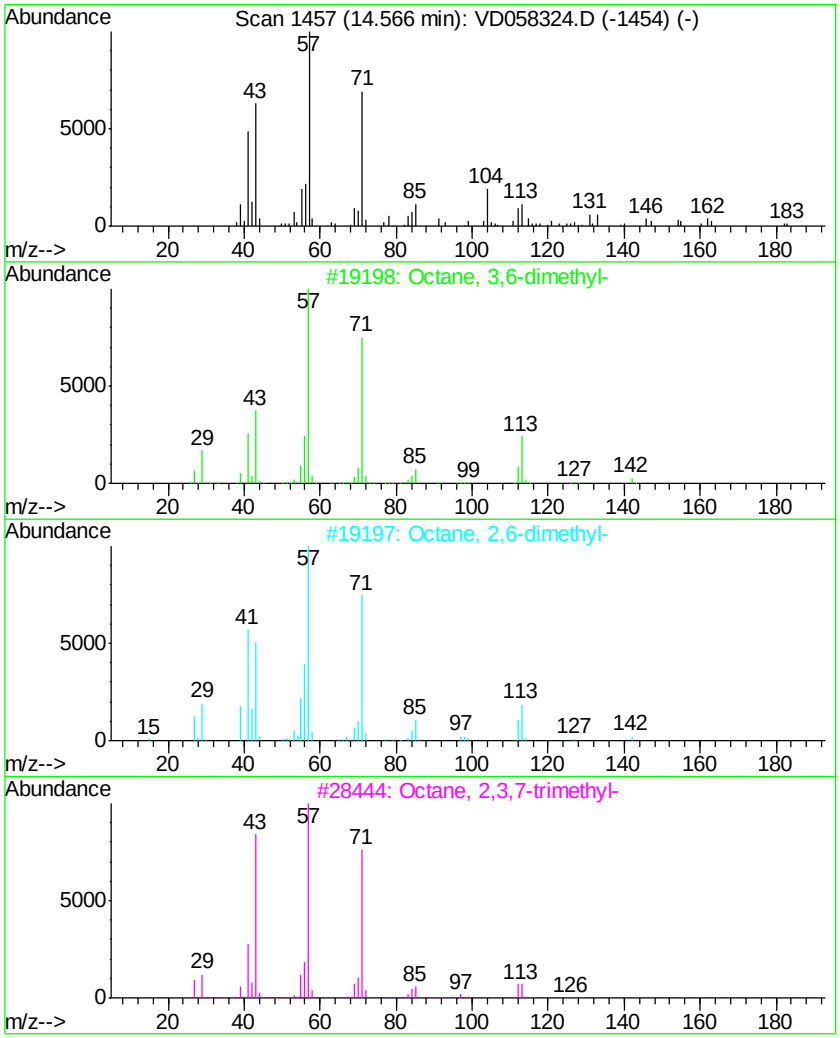
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

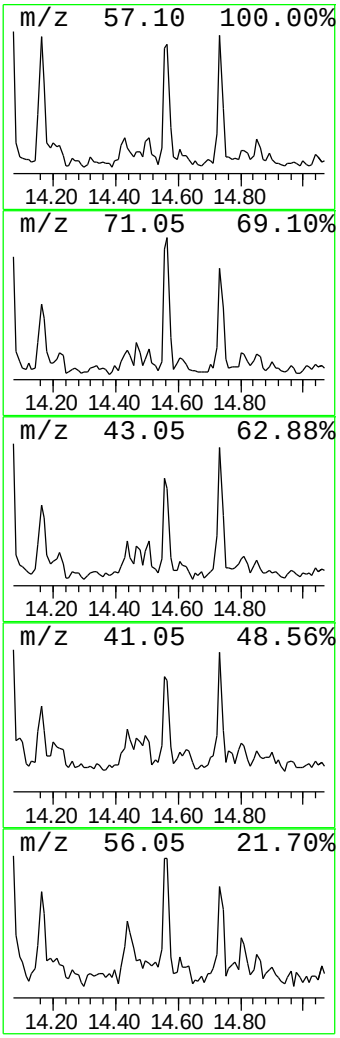
****

Peak Number 10 Octane, 3,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	8.09 ug/l	303979	1,4-Dichlorobenzene-d4	12.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	50
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	50
3	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	50
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	50
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062218\
Data File : VD058324.D
Acq On : 23 Jun 2018 6:09
Operator : VA/AP
Sample : J3252-03
Misc : 5.27g/5ml/MSVOA_D/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TR-05-062118

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.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
n-Hexane	3.76	7.3	ug/l	269190	1	5.66	1850380	50.0
Undecane	13.30	9.9	ug/l	371653	4	12.91	1877600	50.0
Benzene, (1-methy...	13.53	5.3	ug/l	200833	4	12.91	1877600	50.0
unknown13.73	13.73	5.5	ug/l	205878	4	12.91	1877600	50.0
unknown14.06	14.06	21.1	ug/l	790966	4	12.91	1877600	50.0
Dodecane, 6-methyl-	14.16	6.1	ug/l	229000	4	12.91	1877600	50.0
Naphthalene, 1,2,...	14.19	6.7	ug/l	252075	4	12.91	1877600	50.0
Octane, 3,6-dimet...	14.57	8.1	ug/l	303979	4	12.91	1877600	50.0