LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103118\
Data File : VD060244.D
Acq On : 31 Oct 2018 16:23
Operator : VA/AP
Sample : J5728-01
Misc : 5.08g/5ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : EG-DRUM

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	1.828	28	31	37	rVB3	27783	59282	5.93%	0.828%
2	2.192	62	68	72	rBV4	7505	24133	2.42%	0.337%
3	3.157	162	166	173	rVB	21007	57155	5.72%	0.799%
4	3.314	178	182	188	rBV	25199	55411	5.55%	0.774%
5	3.629	213	214	219	rVV4	5730	10392	1.04%	0.145%
6	3.718	219	223	233	rVB	97282	268915	26.92%	3.758%
7	4.111	259	263	269	rVB2	4709	13341	1.34%	0.186%
8	4.515	298	304	308	rVB4	4348	13067	1.31%	0.183%
9	5.647	411	419	426	rBV3	24032	83268	8.34%	1.164%
10	6.326	482	488	492	rBV	363288	903446	90.45%	12.625%
11	6.404	492	496	502	rVV	307216	805564	80.65%	11.257%
12	6.473	502	503	512	rVB	29717	33403	3.34%	0.467%
13	6.788	528	535	553	rVB	271663	680607	68.14%	9.511%
14	7.447	596	602	610	rBV	419798	998859	100.00%	13.958%
15	7.566	610	614	619	rVB4	4659	12482	1.25%	0.174%
16	9.455	801	806	813	rVV	303298	661985	66.27%	9.251%
17	9.544	813	815	822	rVB2	9100	21174	2.12%	0.296%
18	10.193	875	881	889	rBV	99992	255197	25.55%	3.566%
19	10.350	895	897	906	rVB2	3250	12520	1.25%	0.175%
20	10.783	937	941	946	rBV2	21815	43441	4.35%	0.607%
21	11.216	982	985	988	rBV2	20790	37685	3.77%	0.527%
22	11.285	988	992	1000	rVB	208486	324062	32.44%	4.529%
23	12.427	1105	1108	1112	rBV	53701	71636	7.17%	1.001%
24	12.565	1117	1122	1128	rBV	79403	132254	13.24%	1.848%
25	12.929	1157	1159	1162	rBV2	7877	10926	1.09%	0.153%
26	13.116	1172	1178	1181	rVB4	5149	13102	1.31%	0.183%
27	13.254	1188	1192	1196	rBV	18564	29366	2.94%	0.410%
28	13.372	1202	1204	1209	rVV2	46507	67727	6.78%	0.946%
29	13.657	1231	1233	1235	rVV3	9239	14010	1.40%	0.196%
30	13.755	1238	1243	1245	rBV2	8625	20834	2.09%	0.291%
31	13.962	1259	1264	1268	rBV	20968	35995	3.60%	0.503%
32	14.484	1311	1317	1319	rBV4	7427	19605	1.96%	0.274%
33	14.592	1324	1328	1330	rVV4	5254	11425	1.14%	0.160%
34	14.720	1338	1341	1343	rVV4	6778	12611	1.26%	0.176%

LSC Area Percent Report

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Sample : J5728-01
Misc : 5.08g/5ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : EG-DRUM

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	14.789	1343	1348	1351	rVV4	21063	42689	4.27%	0.597%
36	14.966	1363	1366	1370	rBV2	36844	66412	6.65%	0.928%
37	15.035	1370	1373	1376	rBV4	20347	53475	5.35%	0.747%
38	15.113	1379	1381	1383	rBV2	23255	40103	4.01%	0.560%
39	15.153	1383	1385	1387	rBV2	14216	23917	2.39%	0.334%
40	15.192	1387	1389	1391	rBV	88249	114442	11.46%	1.599%
41	15.251	1391	1395	1399	rBV2	56007	148903	14.91%	2.081%
42	15.478	1415	1418	1422	rBV3	48382	115127	11.53%	1.609%
43	15.773	1444	1448	1451	rVB	121105	252680	25.30%	3.531%
44	15.842	1453	1455	1457	rVB	35889	41402	4.14%	0.579%
45	16.029	1471	1474	1477	rVV	39879	76289	7.64%	1.066%
46	16.078	1477	1479	1482	rVV2	30961	64296	6.44%	0.898%
47	16.176	1486	1489	1493	rVB2	81611	164691	16.49%	2.301%
48	16.245	1493	1496	1502	rVB4	34837	97108	9.72%	1.357%
49	16.501	1520	1522	1527	rVV4	7878	19786	1.98%	0.276%
50	16.599	1531	1532	1538	rVB5	10888	19778	1.98%	0.276%

Sum of corrected areas: 7155978

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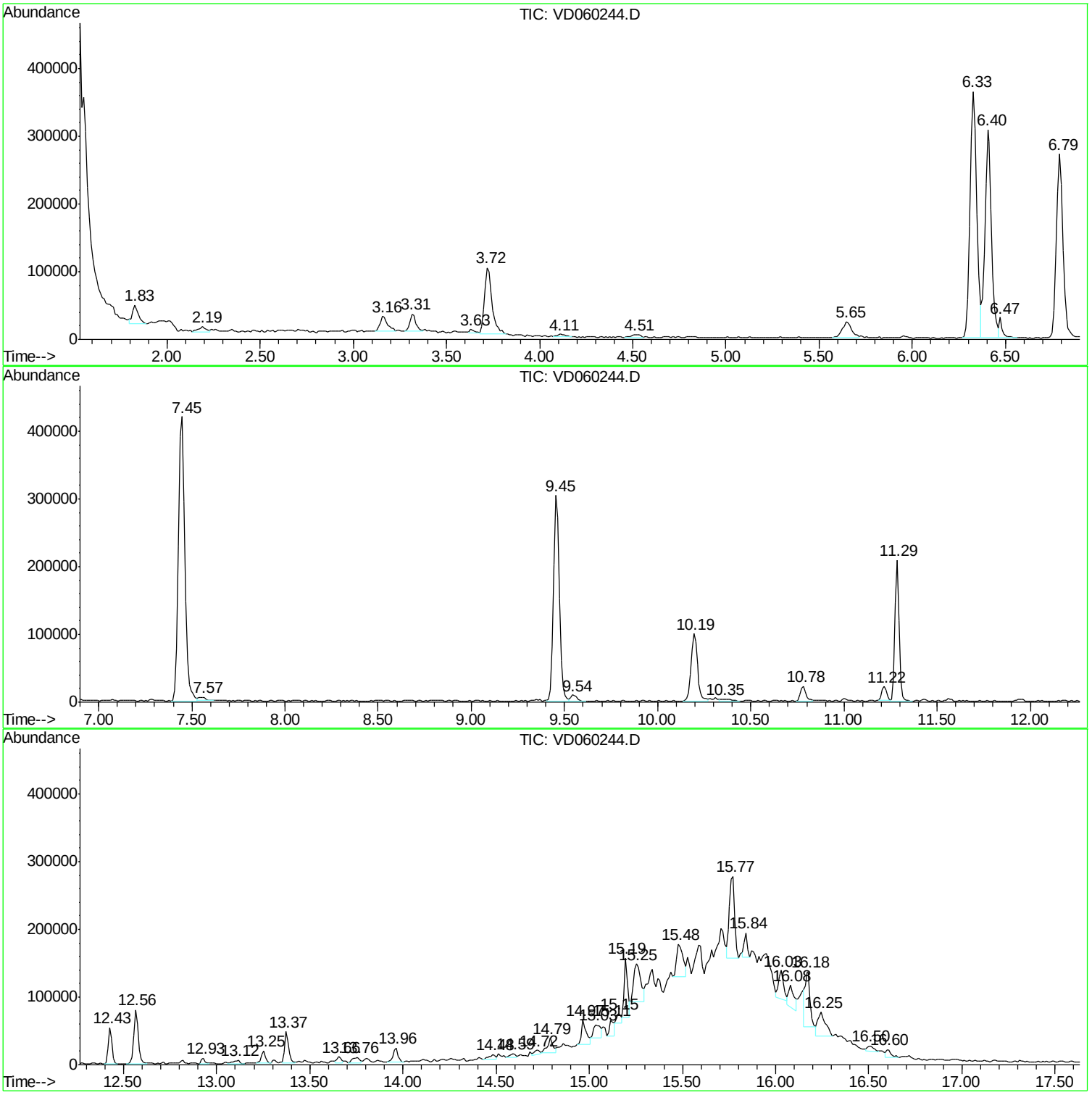
Misc : 5.08g/5ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EG-DRUM

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\VD103118\
Data File : VD060244.D
Acq On : 31 Oct 2018 16:23
Operator : VA/AP
Sample : J5728-01
Misc : 5.08g/5ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : EG-DRUM

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

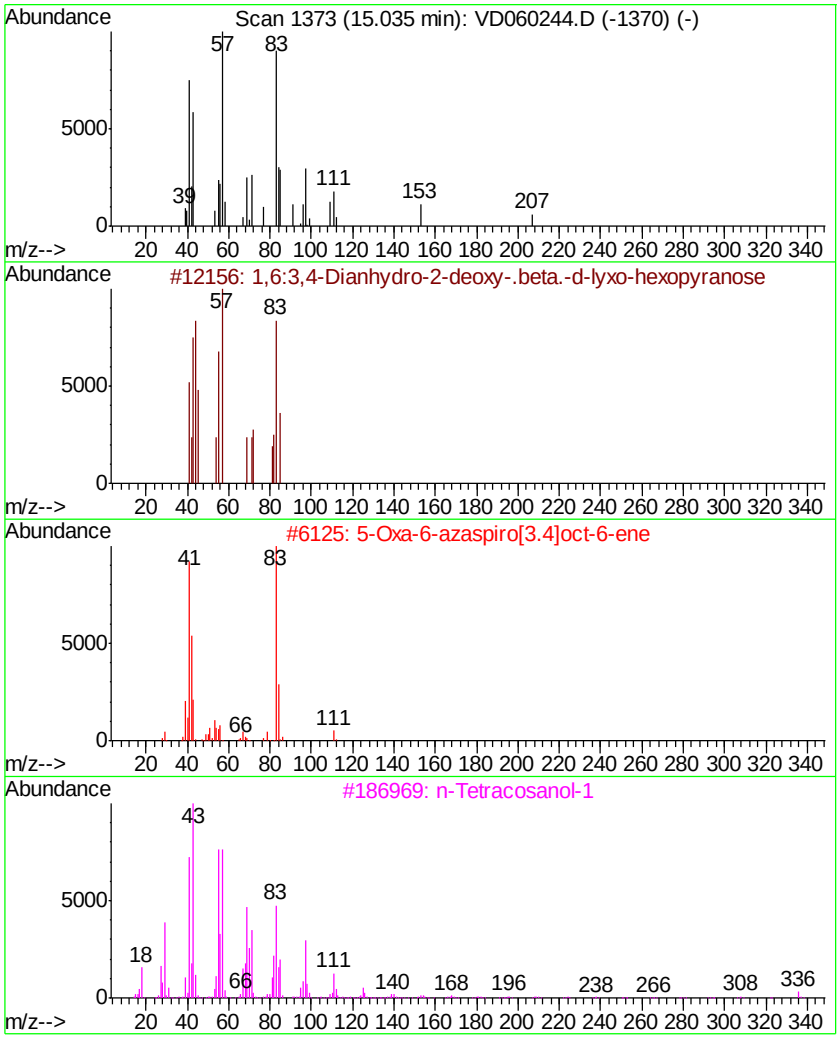
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

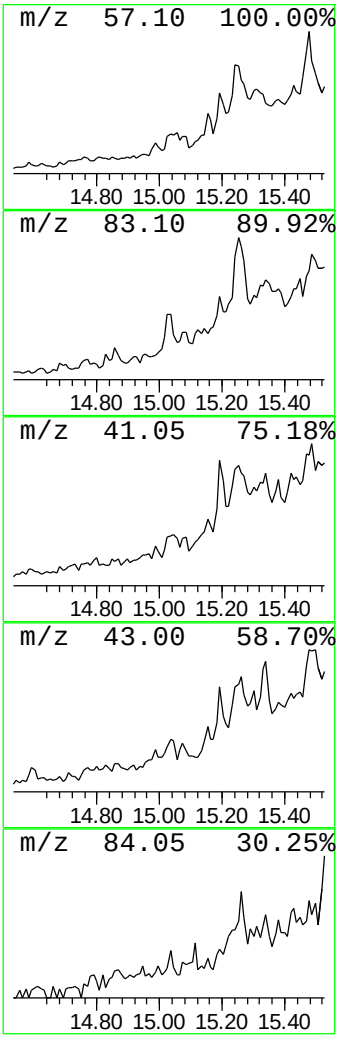
****

Peak Number 2 unknown15.03 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	39.48 ug/l	53475	1,4-Dichlorobenzene-d4	13.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6:3,4-Dianhydro-2-deoxy-.beta....	128	C6H8O3	050767-53-8	38
2	5-Oxa-6-azaspiro[3.4]oct-6-ene	111	C6H9NO	1000362-18-0	38
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	38
4	1-Hexacosanol	382	C26H54O	000506-52-5	38
5	1-Eicosanol	298	C20H42O	000629-96-9	32





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103118\
Data File : VD060244.D
Acq On : 31 Oct 2018 16:23
Operator : VA/AP
Sample : J5728-01
Misc : 5.08g/5ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : EG-DRUM

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

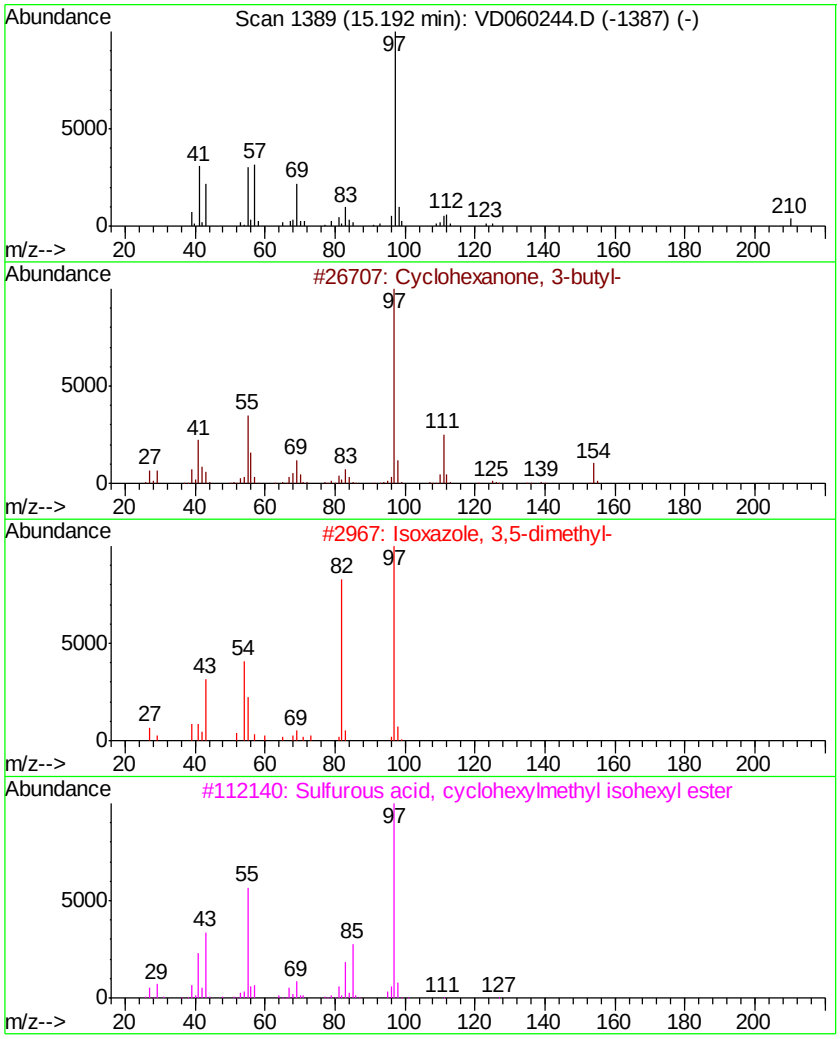
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

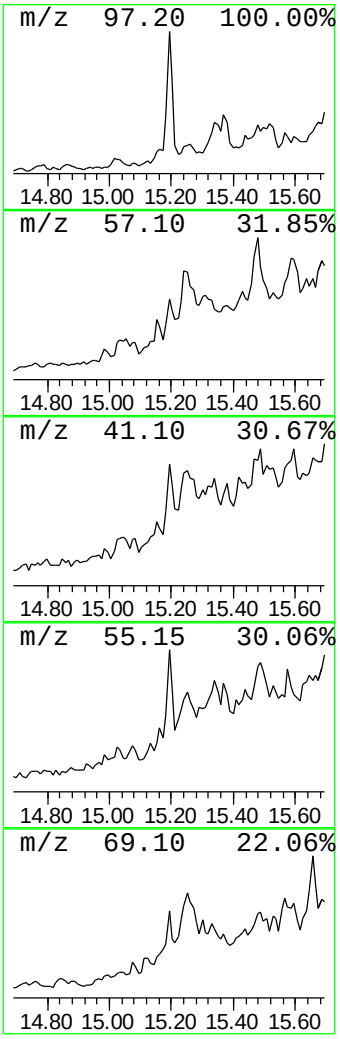
****

Peak Number 3 Cyclohexanone, 3-butyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	84.49 ug/l	114442	1,4-Dichlorobenzene-d4	13.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3-butyl-	154	C10H18O	039178-69-3	72
2	Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	64
3	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	64
4	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	59
5	Oxalic acid, cyclohexylmethyl oc...	298	C17H30O4	1000309-68-4	56





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103118\
Data File : VD060244.D
Acq On : 31 Oct 2018 16:23
Operator : VA/AP
Sample : J5728-01
Misc : 5.08g/5ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : EG-DRUM

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

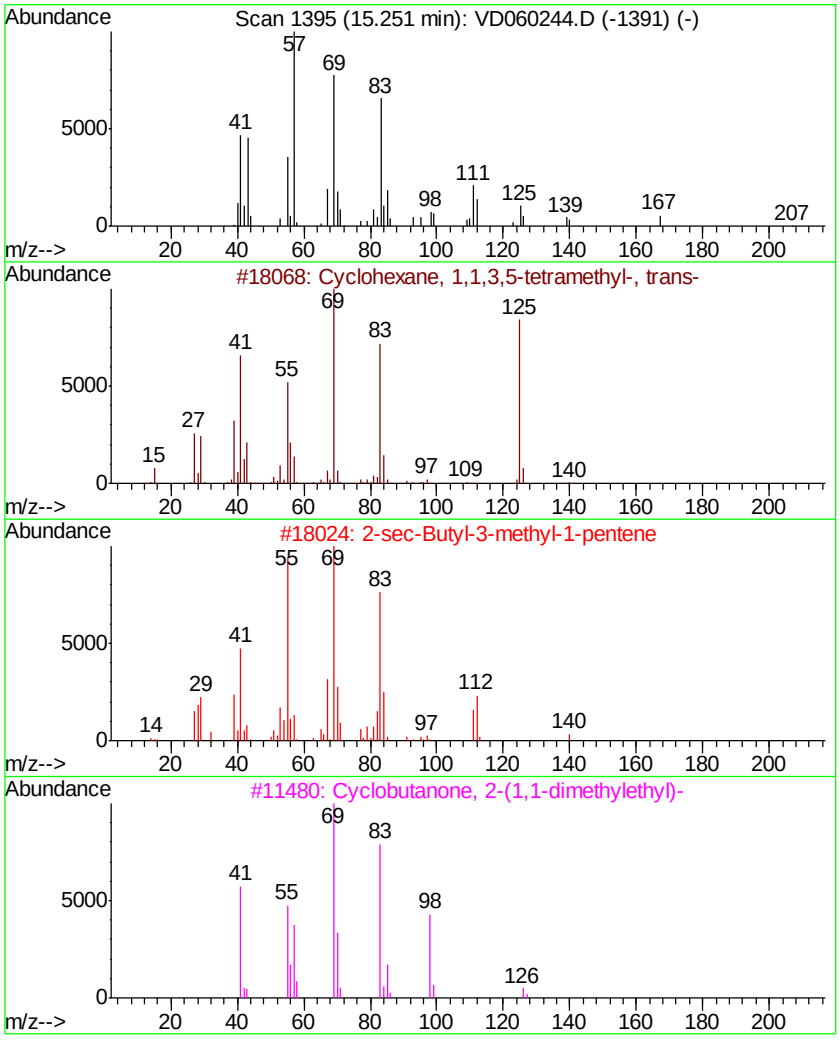
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

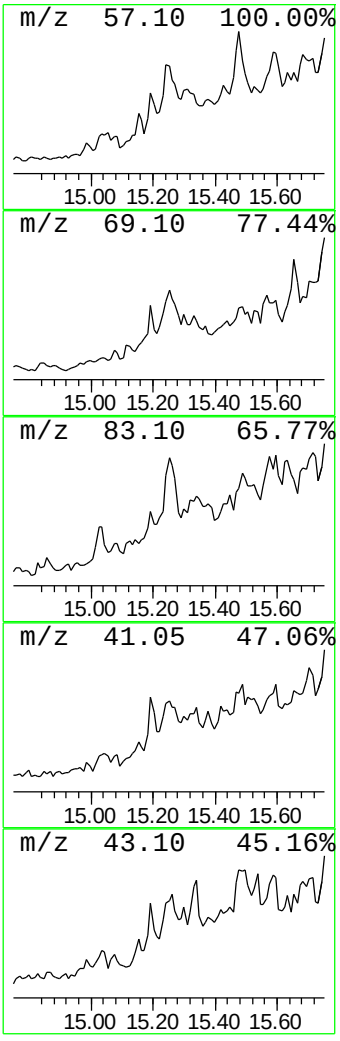
****

Peak Number 4 Cyclohexane, 1,1,3,5-tetram... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	109.93 ug/l	148903	1,4-Dichlorobenzene-d4	13.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	53
2	2-sec-Butyl-3-methyl-1-pentene	140	C10H20	075144-24-0	42
3	Cyclobutanone, 2-(1,1-dimethylet...	126	C8H14O	004579-31-1	40
4	5-Methyl-(E)-2-hepten-4-one	126	C8H14O	102322-83-8	38
5	3-Heptene, 2,2,3,5,5,6,6-heptame...	196	C14H28	054845-26-0	35





Library Search Compound Report

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Data File : VD060244.D
Acq On : 31 Oct 2018 16:23
Operator : VA/AP
Sample : J5728-01
Misc : 5.08g/5ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : EG-DRUM

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

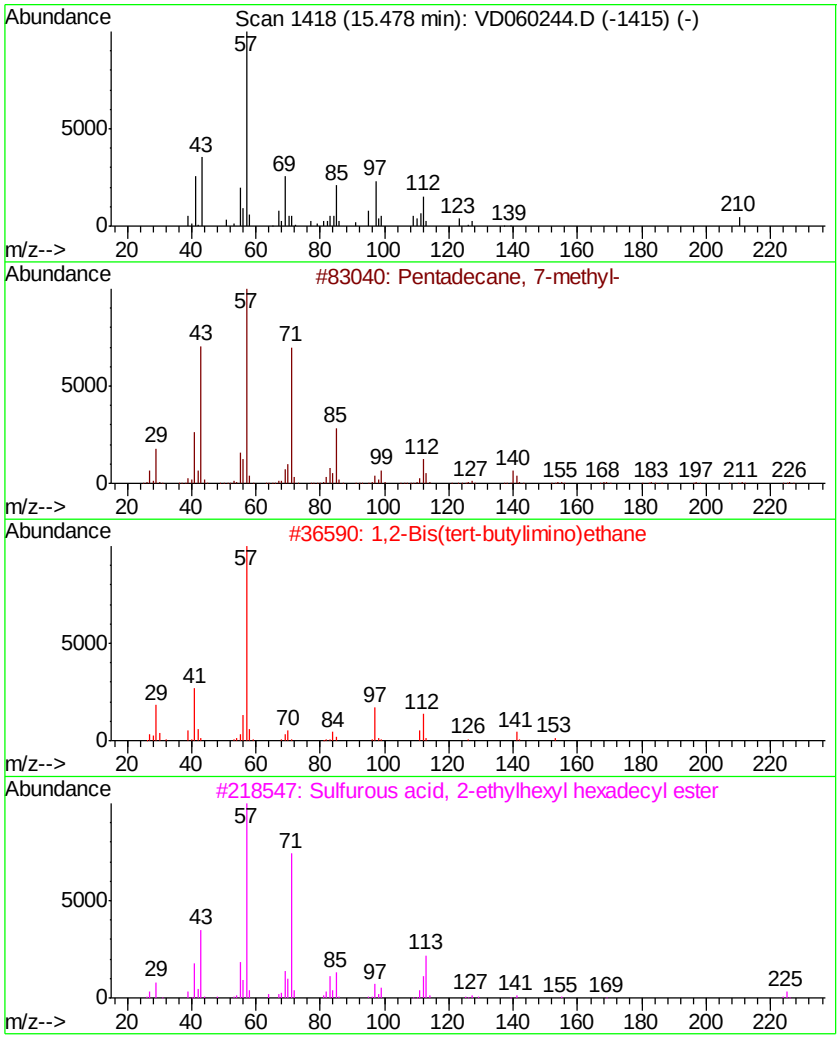
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

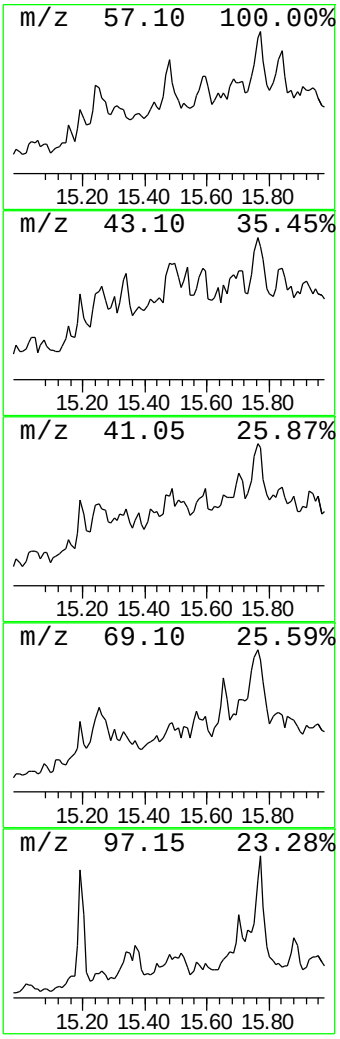
****

Peak Number 5 unknown15.48 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	84.99 ug/l	115127	1,4-Dichlorobenzene-d4	13.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	38
2	1,2-Bis(tert-butylimino)ethane	168	C10H20N2	030834-74-3	37
3	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	37
4	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	37
5	Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	37





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ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : EG-DRUM

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

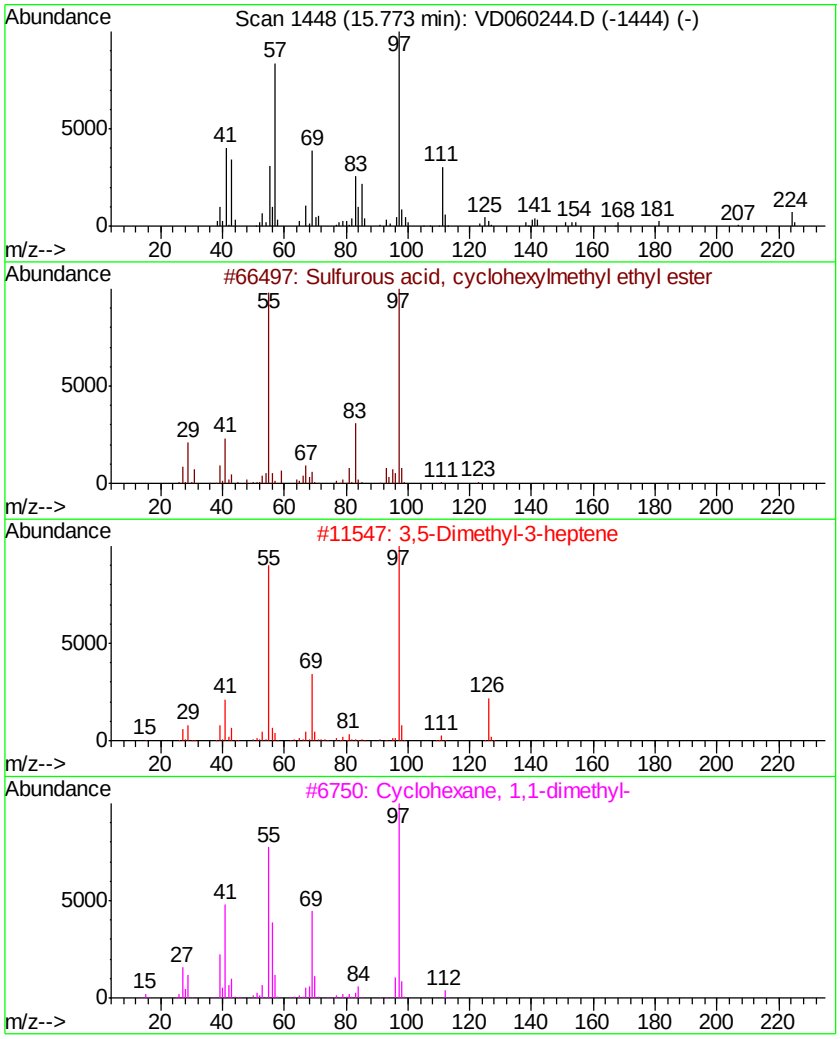
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

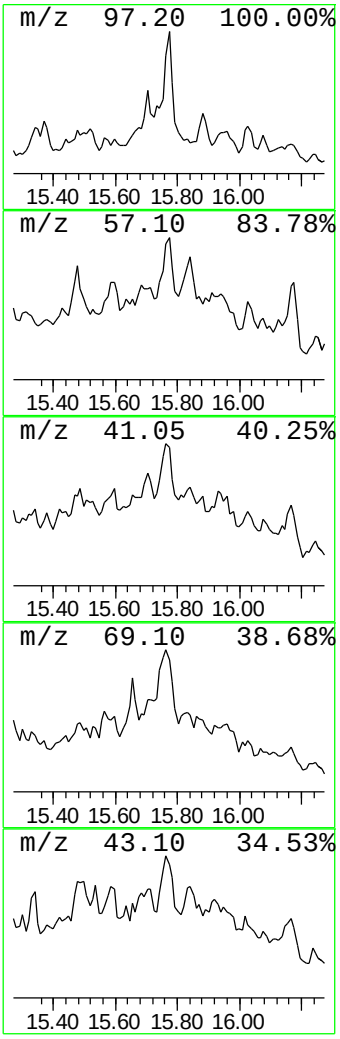
****

Peak Number 6 unknown15.77 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	186.54 ug/l	252680	1,4-Dichlorobenzene-d4	13.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	206	C9H18O3S	1000309-21-2	38
2	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	38
3	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	38
4	3-Cyclohexen-1-ol, 3-methyl-	112	C7H12O	053783-91-8	37
5	Cyclopentanecarboxylic acid, 3-t...	310	C20H38O2	1000280-58-8	37





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ClientSampleId : EG-DRUM

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

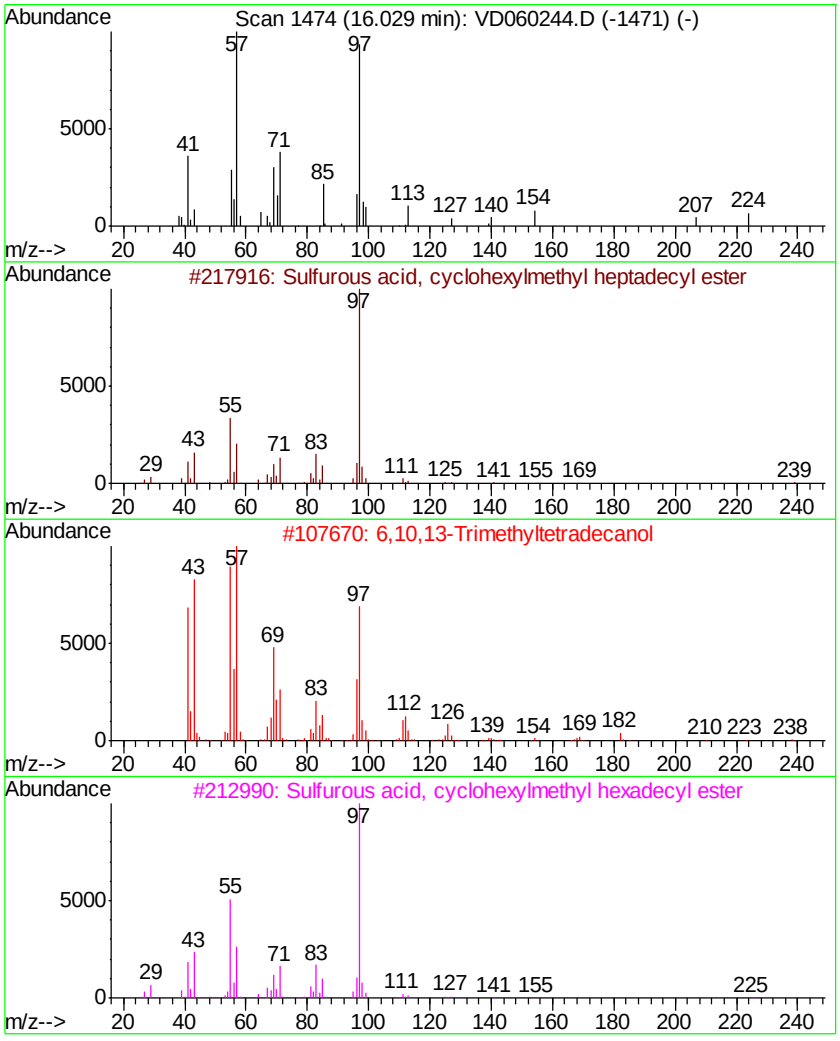
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

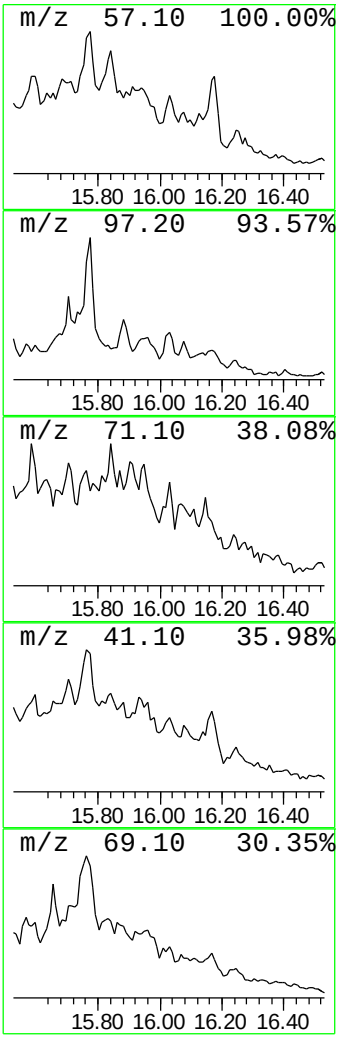
****

Peak Number 7 Sulfurous acid, cyclohexylm... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	56.32 ug/l	76289	1,4-Dichlorobenzene-d4	13.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	64
2	6,10,13-Trimethyltetradecanol	256	C17H36O	1000131-71-0	56
3	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	50
4	Cis-1-methyl-3-n-nonylcyclohexane	224	C16H32	039762-39-5	43
5	5-Octen-4-one, 7-methyl-	140	C9H16O	032064-78-1	43





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ClientSampleId : EG-DRUM

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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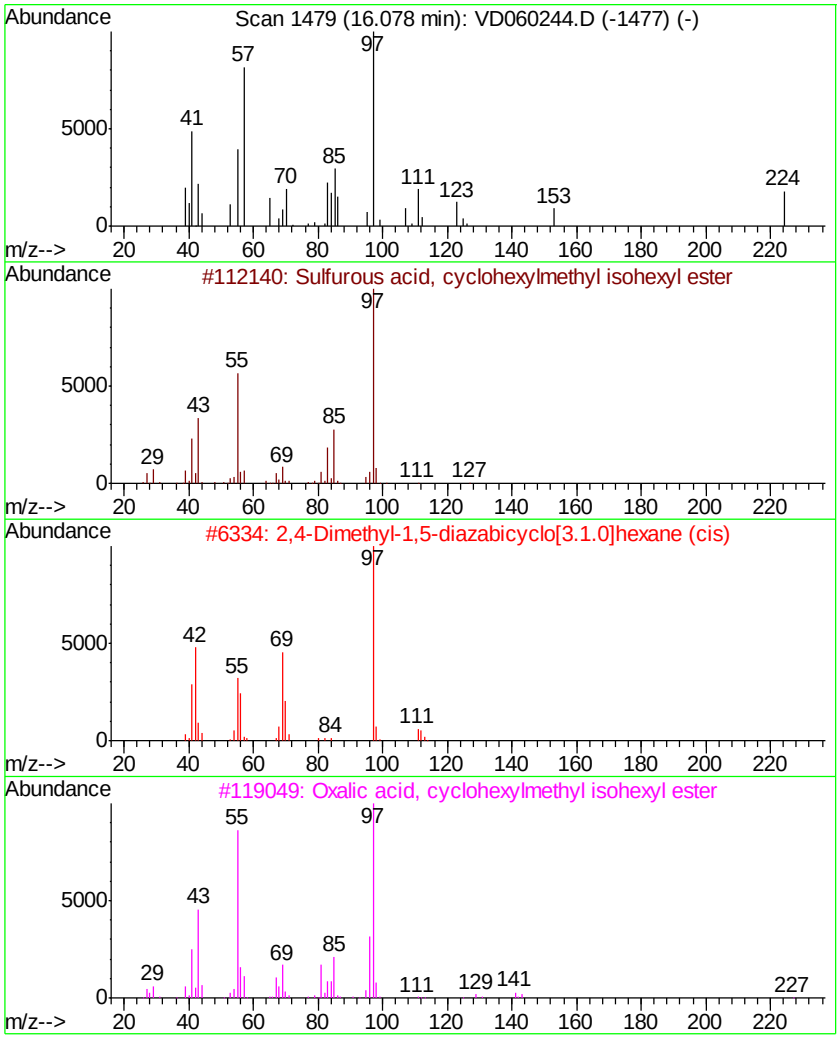
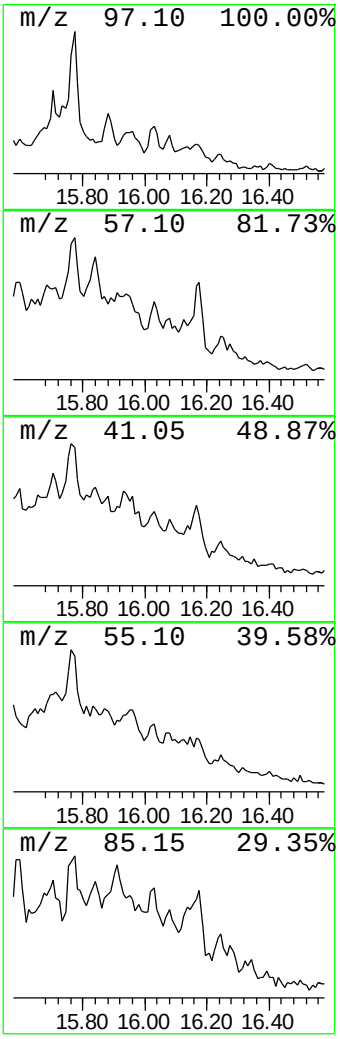
Peak Number 8 unknown16.08 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	47.47 ug/l	64296	1,4-Dichlorobenzene-d4	13.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	47
2	2,4-Dimethyl-1,5-diazabicyclo[3....	112	C6H12N2	100463-01-2	38
3	Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	25
4	Cyclohexaneglycolic acid, .alpha...	331	C20H29NO3	004354-45-4	23
5	2,4-Dimethyl-1,5-diazabicyclo[3....	112	C6H12N2	1000283-20-9	23





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103118\
Data File : VD060244.D
Acq On : 31 Oct 2018 16:23
Operator : VA/AP
Sample : J5728-01
Misc : 5.08g/5ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : EG-DRUM

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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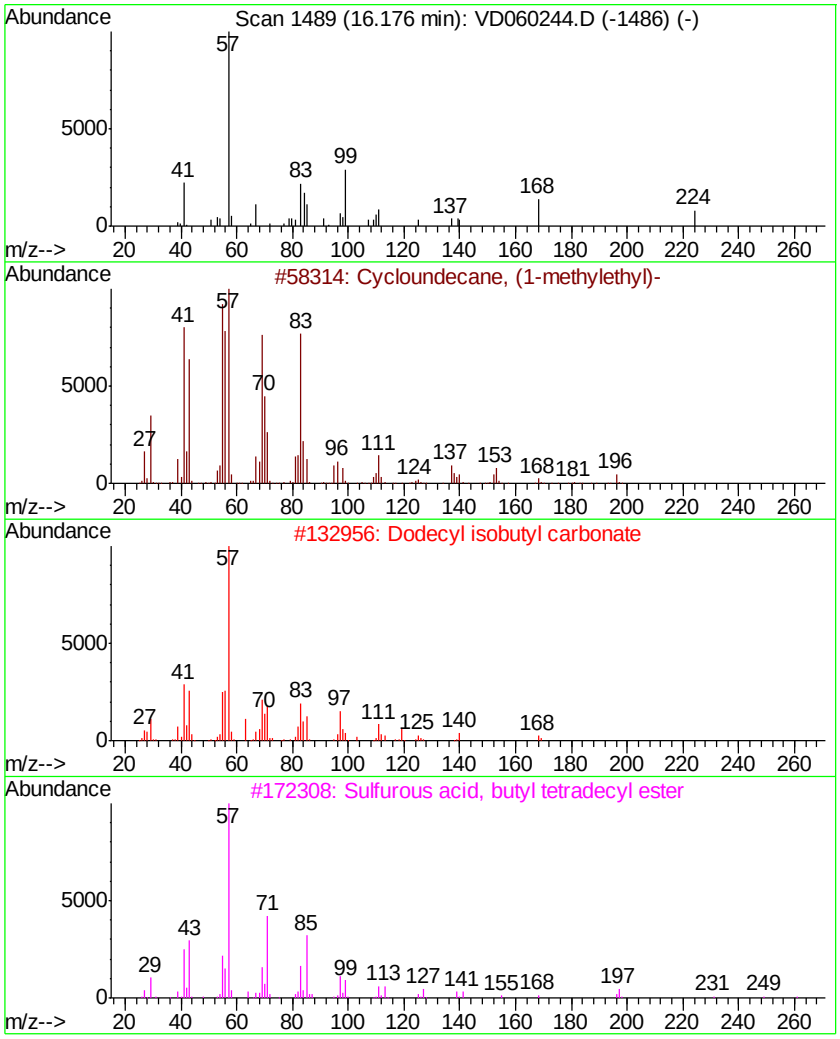
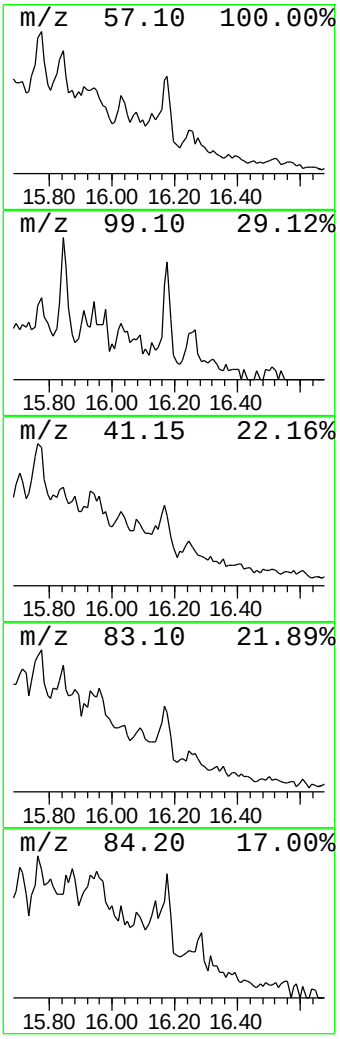
Peak Number 9 unknown16.18 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	121.58 ug/l	164691	1,4-Dichlorobenzene-d4	13.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloundecane, (1-methylethyl)-	196	C14H28	062338-56-1	38
2	Dodecyl isobutyl carbonate	286	C17H34O3	959067-22-2	28
3	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	28
4	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	28
5	1-Heptadecene	238	C17H34	006765-39-5	27





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103118\
Data File : VD060244.D
Acq On : 31 Oct 2018 16:23
Operator : VA/AP
Sample : J5728-01
Misc : 5.08g/5ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : EG-DRUM

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

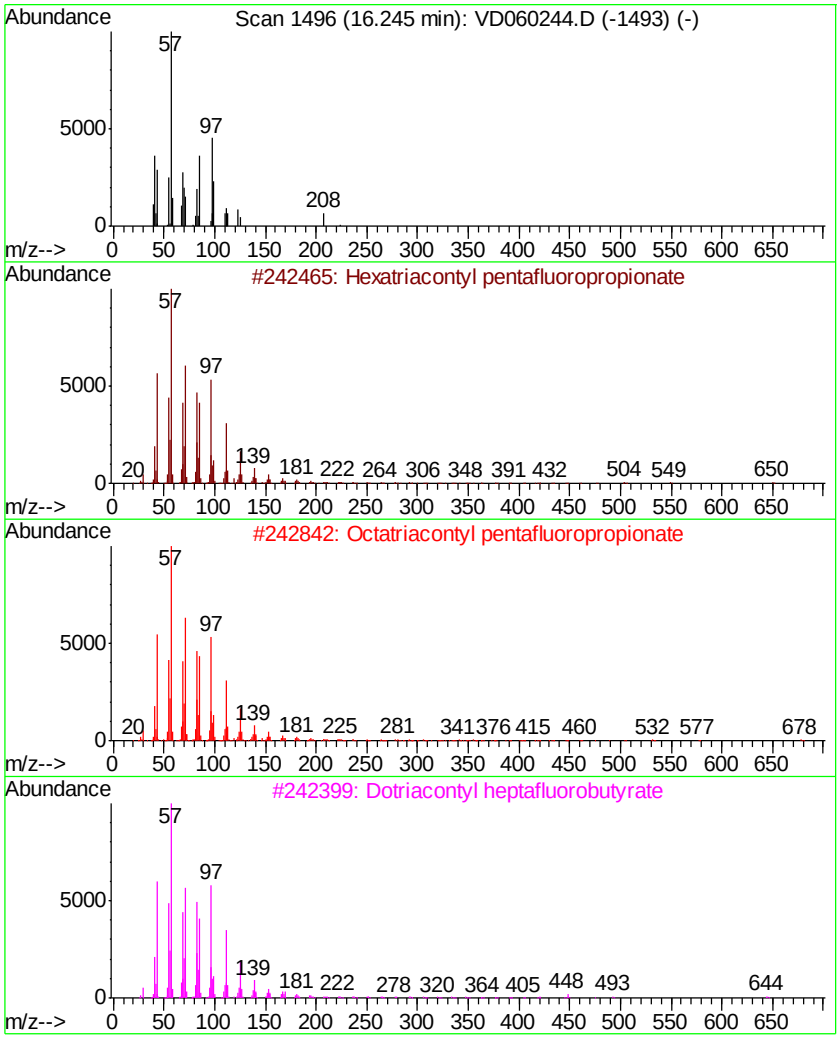
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

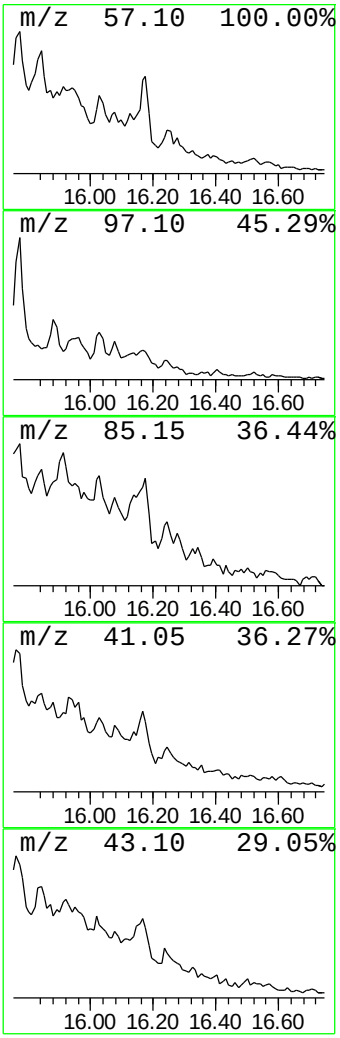
****

Peak Number 10 unknown16.25 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	71.69 ug/l	97108	1,4-Dichlorobenzene-d4	13.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	45
2	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	45
3	Dotriacontyl heptafluorobutyrate	662	C36H65F7O2	1000351-84-2	42
4	Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	42
5	Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD103118\
Data File : VD060244.D
Acq On : 31 Oct 2018 16:23
Operator : VA/AP
Sample : J5728-01
Misc : 5.08g/5ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : EG-DRUM

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
unknown15.03	15.03	39.5	ug/l	53475	4	13.37	67727	50.0
Cyclohexanone, 3-...	15.19	84.5	ug/l	114442	4	13.37	67727	50.0
Cyclohexane, 1,1,...	15.25	109.9	ug/l	148903	4	13.37	67727	50.0
unknown15.48	15.48	85.0	ug/l	115127	4	13.37	67727	50.0
unknown15.77	15.77	186.5	ug/l	252680	4	13.37	67727	50.0
Sulfurous acid, c...	16.03	56.3	ug/l	76289	4	13.37	67727	50.0
unknown16.08	16.08	47.5	ug/l	64296	4	13.37	67727	50.0
unknown16.18	16.18	121.6	ug/l	164691	4	13.37	67727	50.0
unknown16.25	16.25	71.7	ug/l	97108	4	13.37	67727	50.0