LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112018\
Data File : VD060430.D
Acq On : 20 Nov 2018 17:00
Operator : JC/SY
Sample : J5772-03
Misc : 5.02g/5ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : PL-01-112018-A

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\82D110618S.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	2.334	73	82	83	rBV3	3258	10977	5.25%	0.558%
2	2.540	99	103	104	rBV2	3523	4882	2.34%	0.248%
3	3.101	157	160	161	rVB2	2617	4176	2.00%	0.212%
4	3.180	161	168	173	rBV3	10165	31210	14.94%	1.588%
5	3.269	176	177	180	rVV	40127	27469	13.15%	1.398%
6	3.603	208	211	212	rBV	2049	4185	2.00%	0.213%
7	3.643	212	215	217	rVB2	3561	5820	2.79%	0.296%
8	3.751	222	226	234	rVB2	10994	30604	14.65%	1.557%
9	5.670	415	421	427	rBV2	8345	29096	13.93%	1.480%
10	6.339	483	489	493	rBV2	27004	75143	35.97%	3.823%
11	6.428	493	498	506	rVB	41180	103214	49.41%	5.251%
12	6.802	531	536	542	rBV2	26320	70480	33.74%	3.586%
13	7.451	597	602	608	rBV	59023	139258	66.66%	7.085%
14	9.468	802	807	814	rBV2	66641	148286	70.98%	7.544%
15	10.197	876	881	887	rBV3	7731	19714	9.44%	1.003%
16	11.289	988	992	998	rVB	123104	180881	86.58%	9.203%
17	12.430	1105	1108	1113	rVB	92838	123550	59.14%	6.286%
18	12.568	1119	1122	1128	rVB2	3525	5984	2.86%	0.304%
19	13.375	1201	1204	1209	rVB	173952	208909	100.00%	10.629%
20	13.867	1250	1254	1257	rBV4	2616	5870	2.81%	0.299%
21	13.966	1260	1264	1271	rVB4	5323	10306	4.93%	0.524%
22	14.143	1278	1282	1283	rBV2	3459	7574	3.63%	0.385%
23	14.281	1293	1296	1298	rBV4	3916	6334	3.03%	0.322%
24	14.428	1306	1311	1315	rVB2	4240	12604	6.03%	0.641%
25	14.487	1315	1317	1318	rBV2	4820	6380	3.05%	0.325%
26	14.527	1318	1321	1323	rBV3	15907	25376	12.15%	1.291%
27	14.595	1325	1328	1331	rVV	33833	46199	22.11%	2.350%
28	14.655	1331	1334	1336	rVV4	16894	28418	13.60%	1.446%
29	14.743	1341	1343	1344	rBV2	3867	5214	2.50%	0.265%
30	14.773	1344	1346	1347	rBV2	4076	4689	2.24%	0.239%
31	14.851	1347	1354	1355	rBV5	10401	26061	12.47%	1.326%
32	14.891	1355	1358	1360	rVB2	18766	29112	13.94%	1.481%
33	14.989	1365	1368	1371	rBV	115809	157827	75.55%	8.030%
34	15.147	1381	1384	1385	rBV2	13096	19300	9.24%	0.982%

LSC Area Percent Report

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Operator : JC/SY
Sample : J5772-03
Misc : 5.02g/5ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : PL-01-112018-A

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\82D110618S.M
Title : SW846 8260

35	15.235	1388	1393	1394	rBV4	19537	46093	22.06%	2.345%
36	15.265	1394	1396	1401	rVB3	24902	50617	24.23%	2.575%
37	15.334	1401	1403	1404	rBV2	12114	16915	8.10%	0.861%
38	15.491	1415	1419	1423	rBV7	10264	31745	15.20%	1.615%
39	15.629	1431	1433	1436	rBV3	11265	17871	8.55%	0.909%
40	15.688	1436	1439	1442	rVB3	40578	52765	25.26%	2.685%
41	15.904	1458	1461	1465	rVB5	17697	41397	19.82%	2.106%
42	15.993	1468	1470	1474	rVV4	10681	19621	9.39%	0.998%
43	16.111	1477	1482	1487	rVB7	16164	36192	17.32%	1.841%
44	16.318	1501	1503	1508	rVB3	8479	16096	7.70%	0.819%
45	16.613	1530	1533	1537	rBV4	10096	15576	7.46%	0.792%
46	16.977	1565	1570	1572	rVB3	2310	5544	2.65%	0.282%

Sum of corrected areas: 1965534

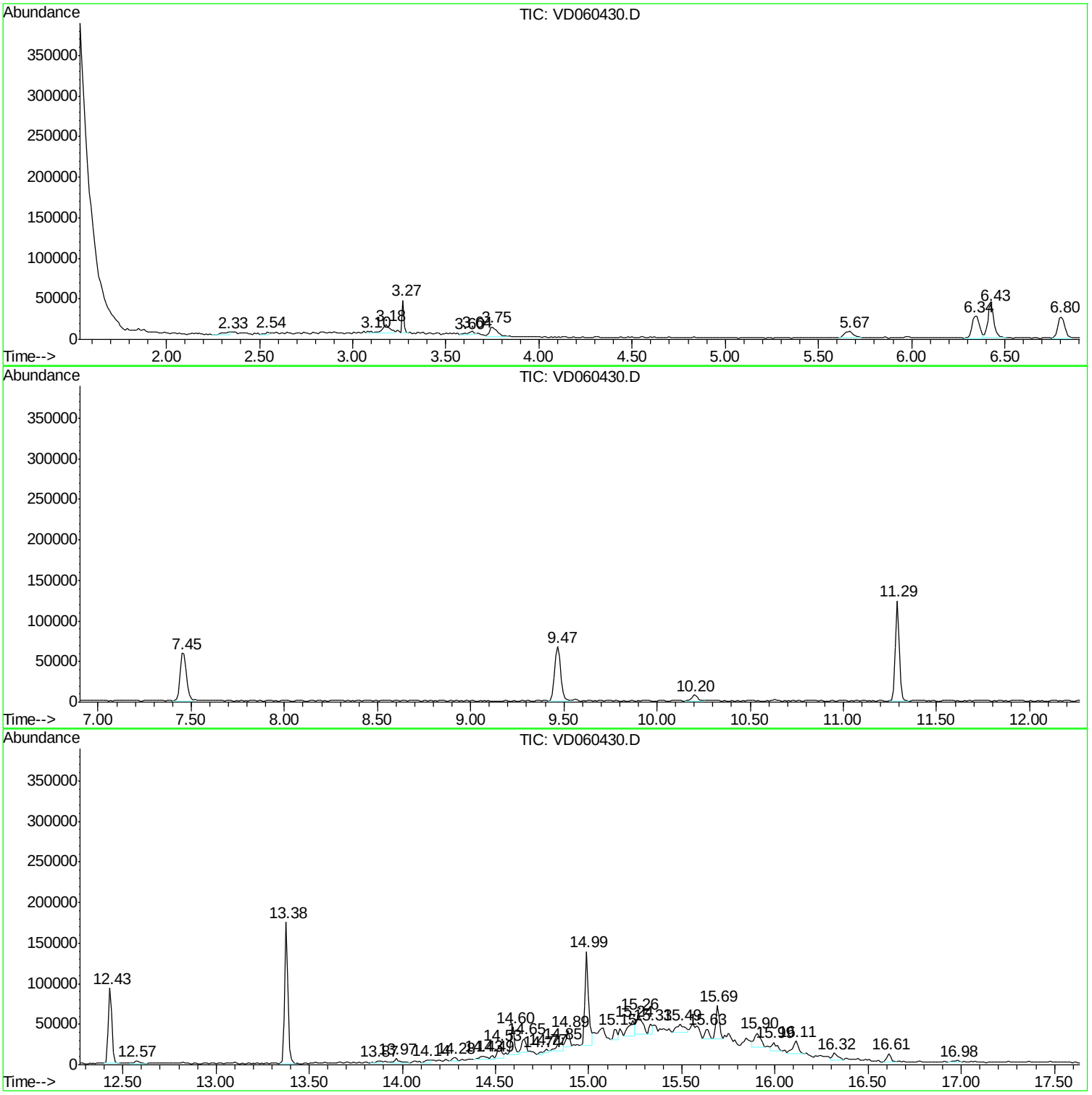
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112018\
Data File : VD060430.D
Acq On : 20 Nov 2018 17:00
Operator : JC/SY
Sample : J5772-03
Misc : 5.02g/5ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PL-01-112018-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112018\
Data File : VD060430.D
Acq On : 20 Nov 2018 17:00
Operator : JC/SY
Sample : J5772-03
Misc : 5.02g/5ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : PL-01-112018-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260

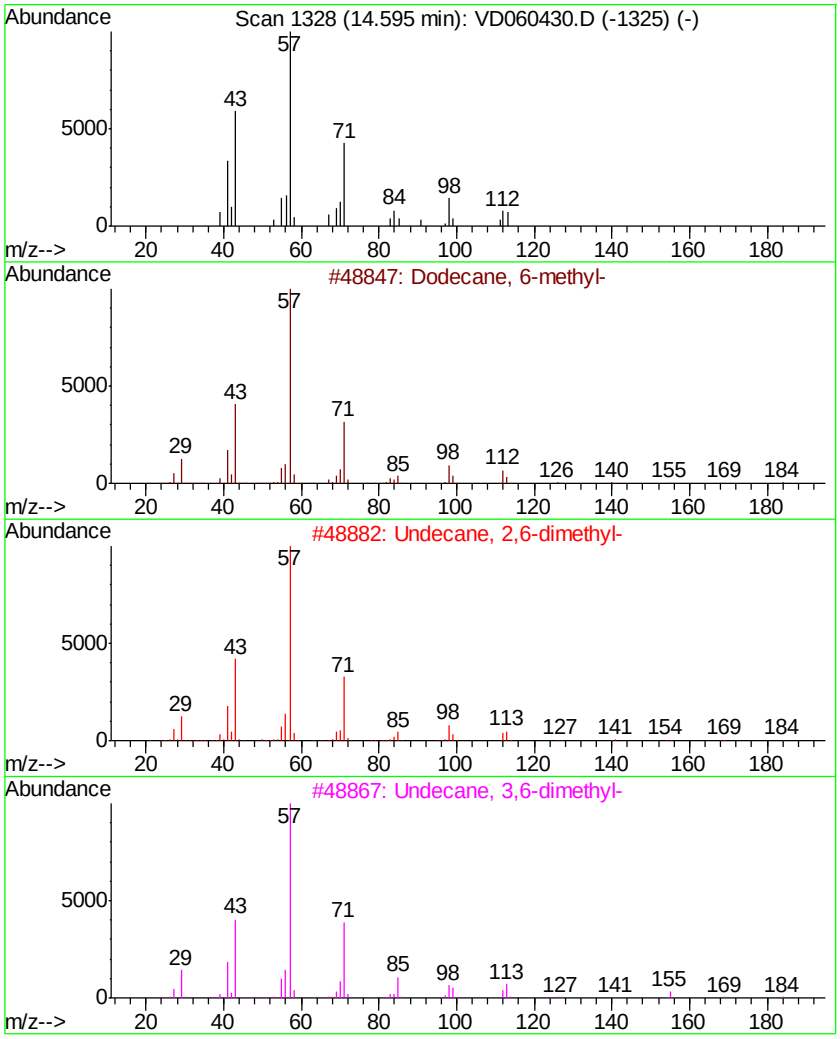
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

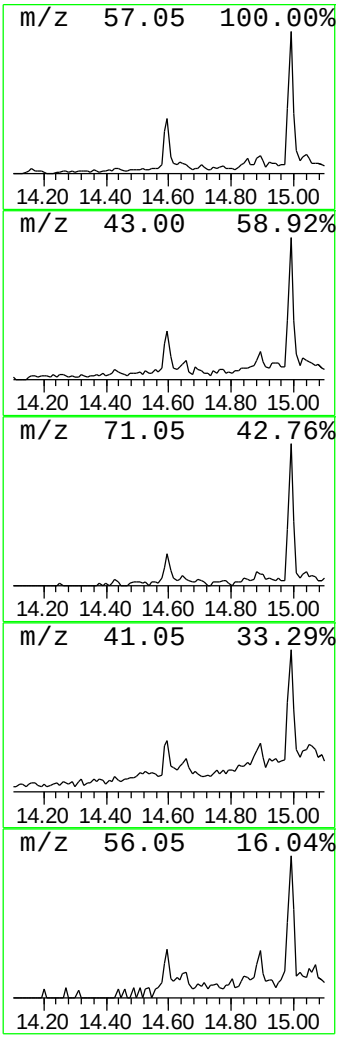
****

Peak Number 3 Dodecane, 6-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	11.06 ug/l	46199	1,4-Dichlorobenzene-d4	13.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 6-methyl-	184	C13H28	006044-71-9	78
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	72
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72
4	Octane, 4-ethyl-	142	C10H22	015869-86-0	64
5	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112018\
Data File : VD060430.D
Acq On : 20 Nov 2018 17:00
Operator : JC/SY
Sample : J5772-03
Misc : 5.02g/5ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : PL-01-112018-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260

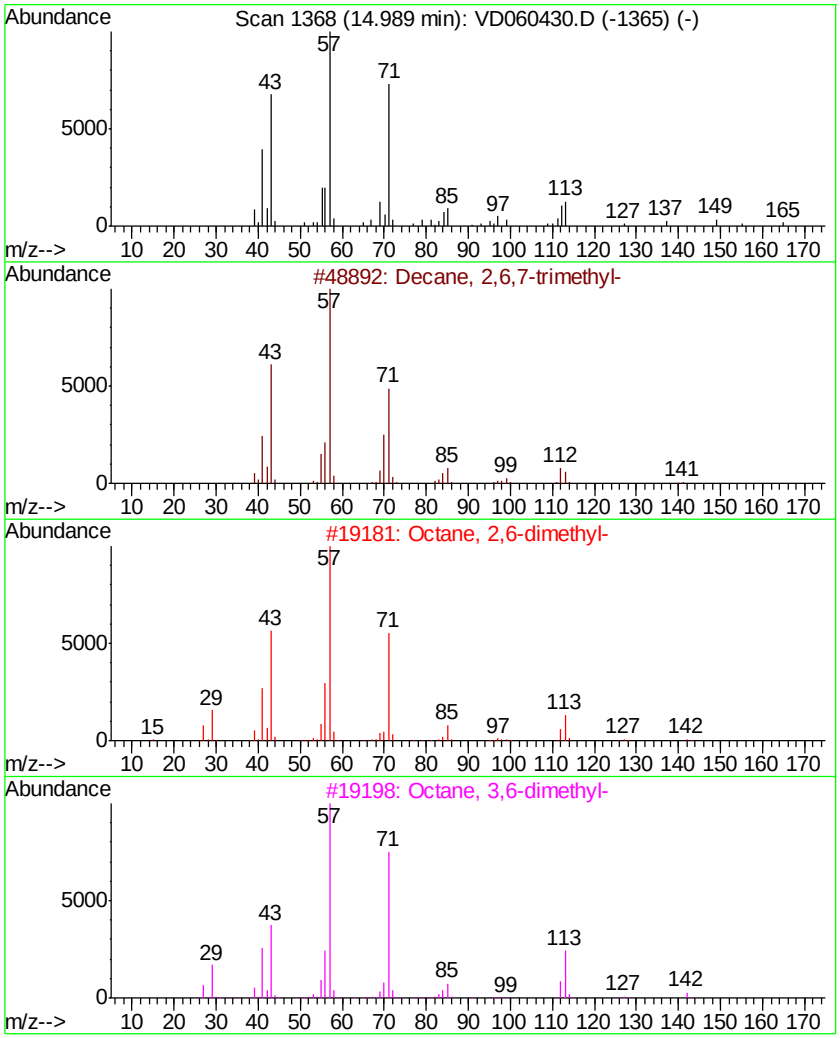
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

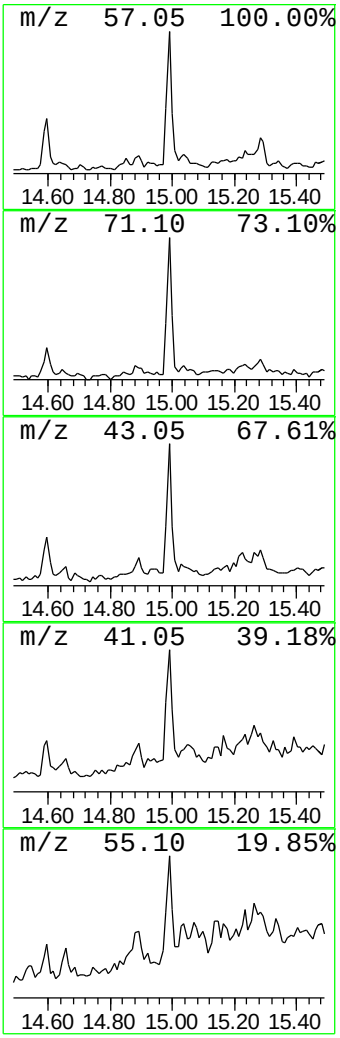
****

Peak Number 4 Decane, 2,6,7-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	37.77 ug/l	157827	1,4-Dichlorobenzene-d4	13.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	72
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4	Heneicosane	296	C21H44	000629-94-7	64
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112018\
Data File : VD060430.D
Acq On : 20 Nov 2018 17:00
Operator : JC/SY
Sample : J5772-03
Misc : 5.02g/5ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : PL-01-112018-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260

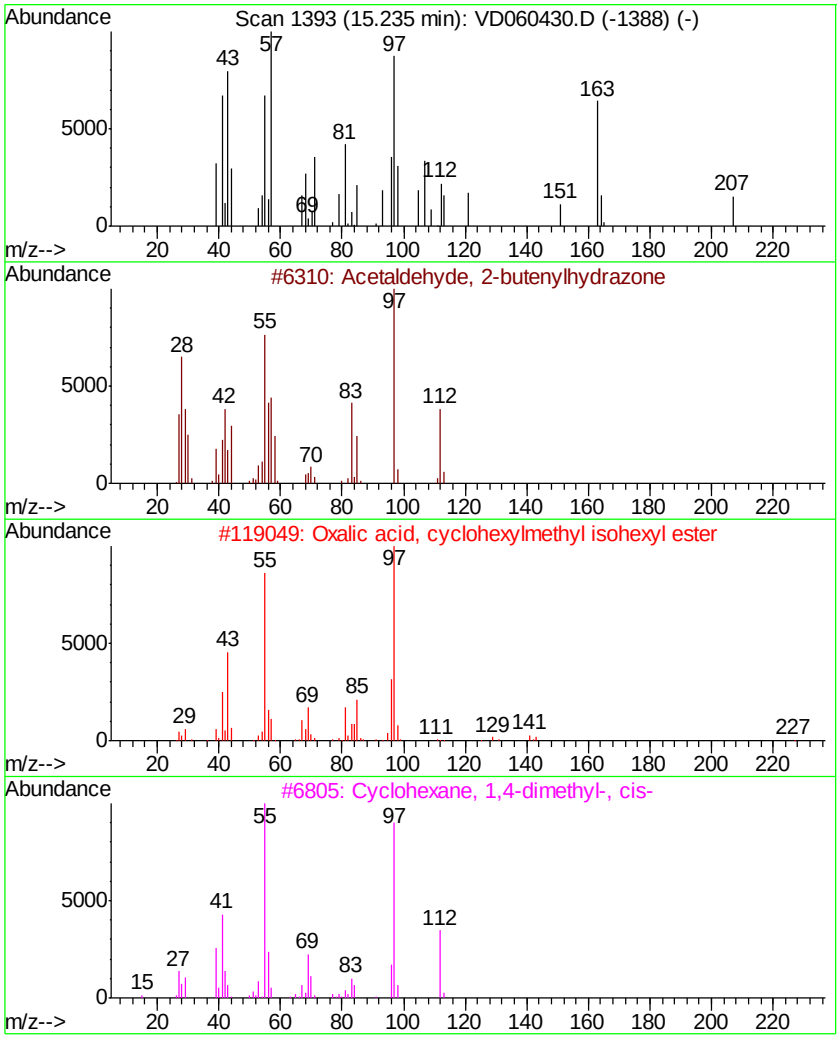
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

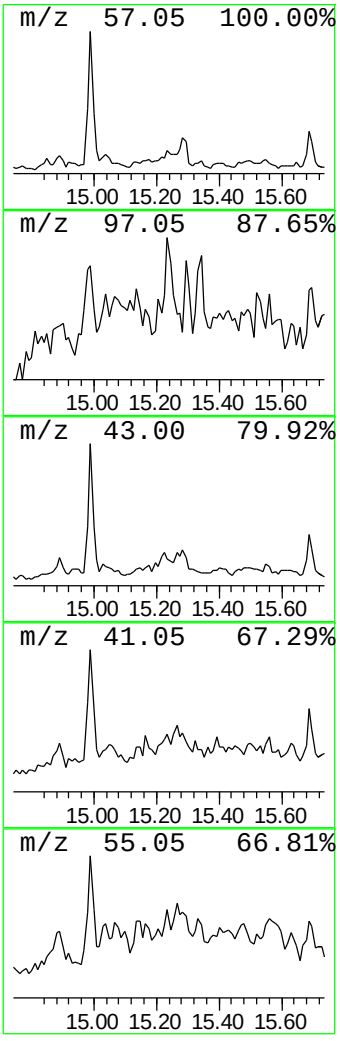
****

Peak Number 5 unknown15.24 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	11.03 ug/l	46093	1,4-Dichlorobenzene-d4	13.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde, 2-butenylhydrazone	112	C6H12N2	075268-07-4	38
2	Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	38
3	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	35
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	30
5	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	30





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112018\
Data File : VD060430.D
Acq On : 20 Nov 2018 17:00
Operator : JC/SY
Sample : J5772-03
Misc : 5.02g/5ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : PL-01-112018-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260

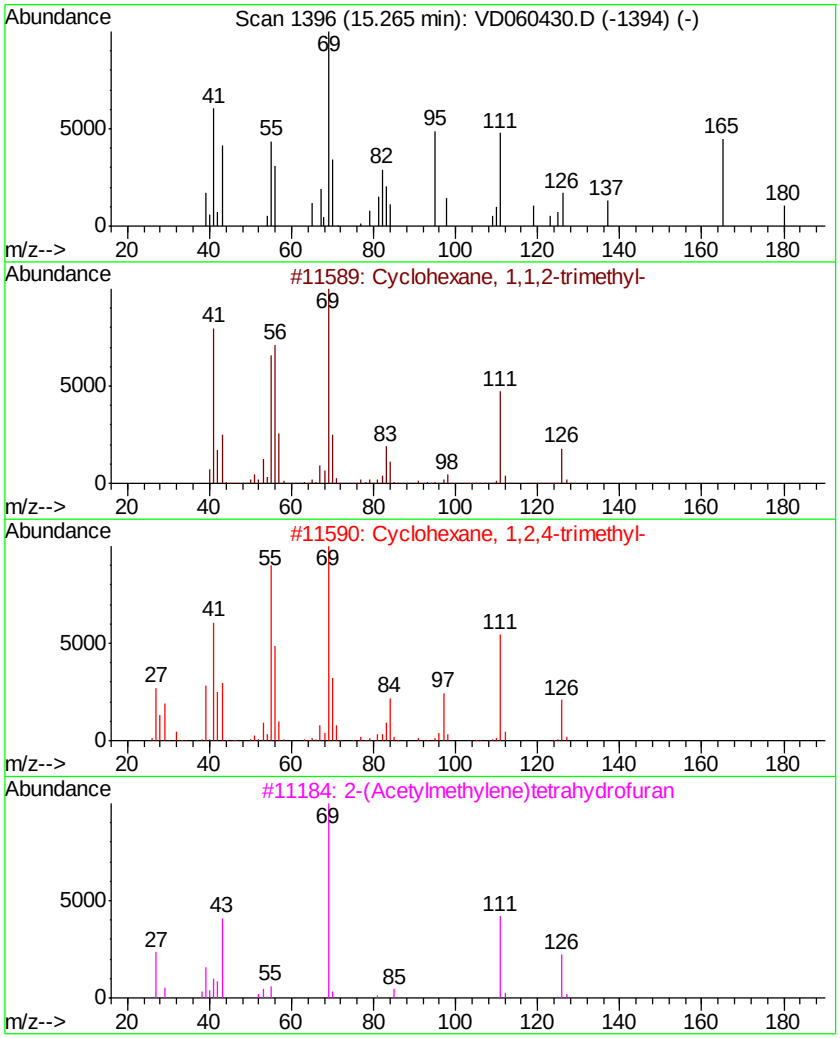
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

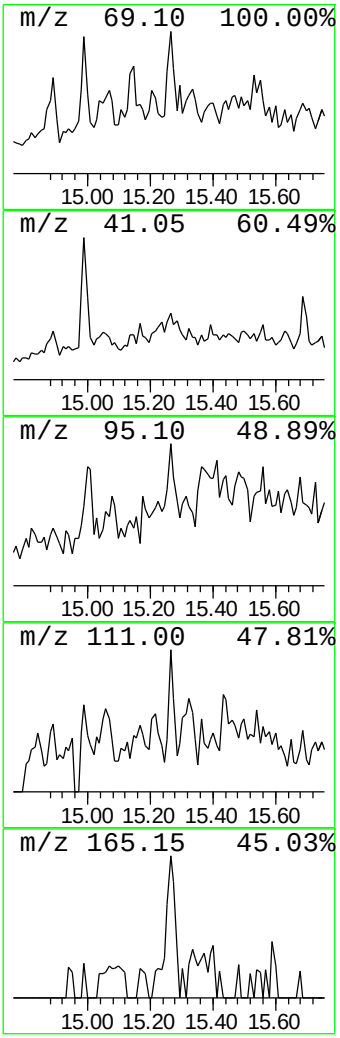
****

Peak Number 6 unknown15.26 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	12.11 ug/l	50617	1,4-Dichlorobenzene-d4	13.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	43
2	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	38
3	2-(Acetylmethylene)tetrahydrofuran	126	C7H10O2	112595-65-0	38
4	Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	32
5	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	32





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112018\
Data File : VD060430.D
Acq On : 20 Nov 2018 17:00
Operator : JC/SY
Sample : J5772-03
Misc : 5.02g/5ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : PL-01-112018-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260

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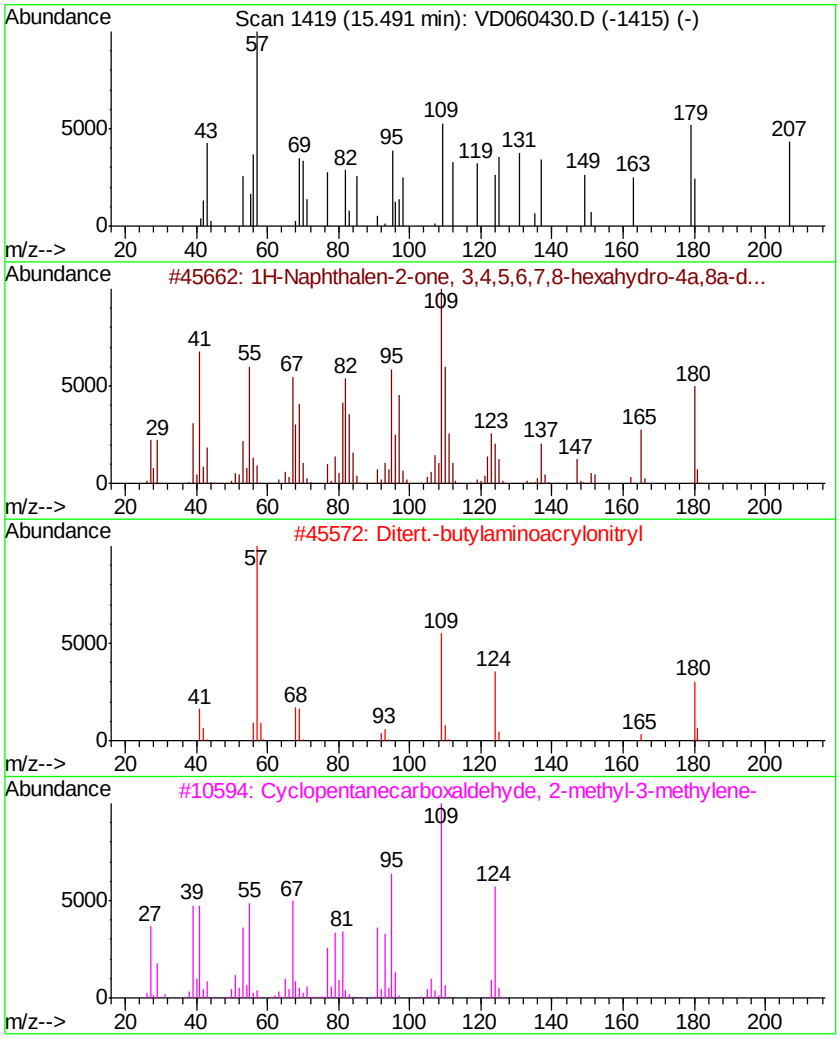
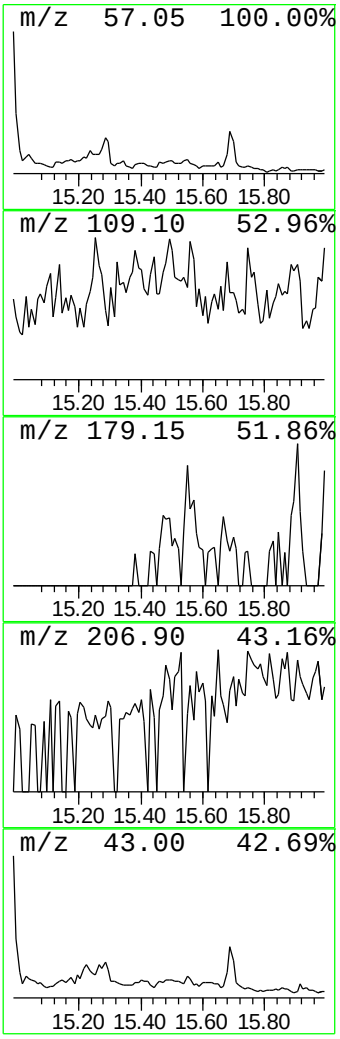
****

Peak Number 7 unknown15.49 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	7.60 ug/l	31745	1,4-Dichlorobenzene-d4	13.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Naphthalen-2-one, 3,4,5,6,7,8...	180	C12H20O	1000164-27-1	16
2	Ditert.-butylaminoacrylonitryl	180	C11H20N2	077376-85-3	10
3	Cyclopentanecarboxaldehyde, 2-me...	124	C8H12O	1000154-24-0	10
4	2(3H)-Benzothiazolone, 3-methyl-...	179	C8H9N3S	001128-67-2	9
5	(+)-(Z)-Longipinane	206	C15H26	1000156-12-3	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112018\
Data File : VD060430.D
Acq On : 20 Nov 2018 17:00
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Sample : J5772-03
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ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : PL-01-112018-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260

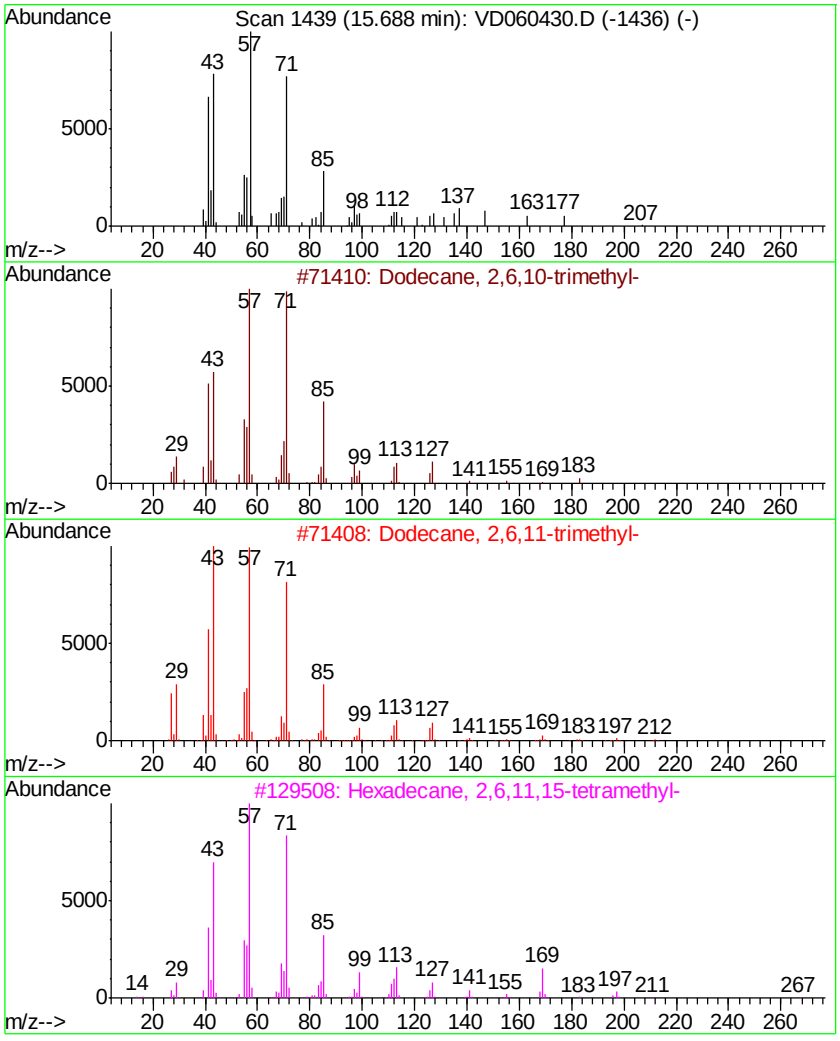
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

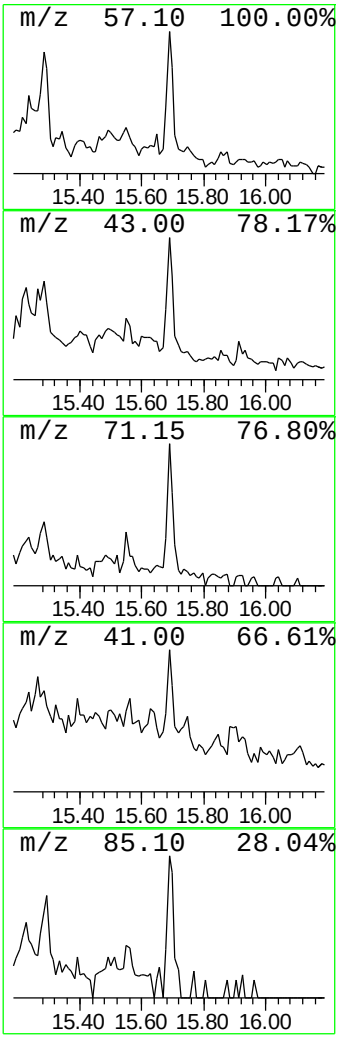
****

Peak Number 8 Dodecane, 2,6,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	12.63 ug/l	52765	1,4-Dichlorobenzene-d4	13.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	64
4	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64
5	Decane, 2-methyl-	156	C11H24	006975-98-0	64





Library Search Compound Report

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ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : PL-01-112018-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260

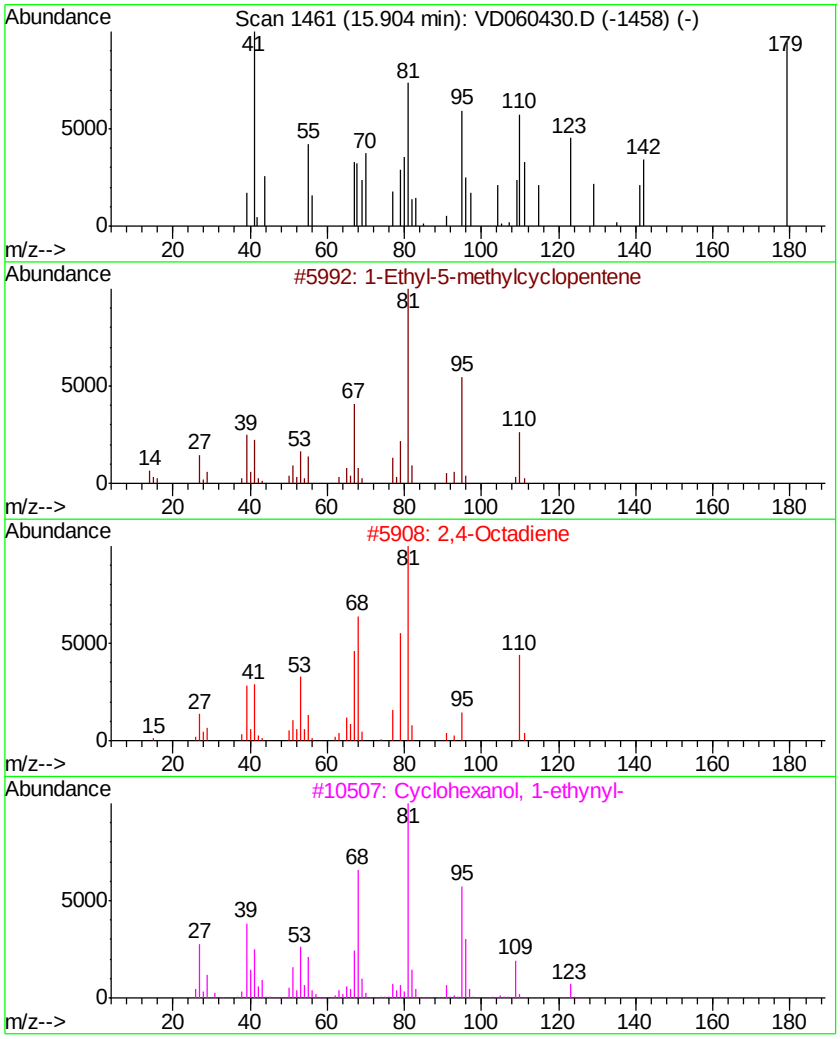
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

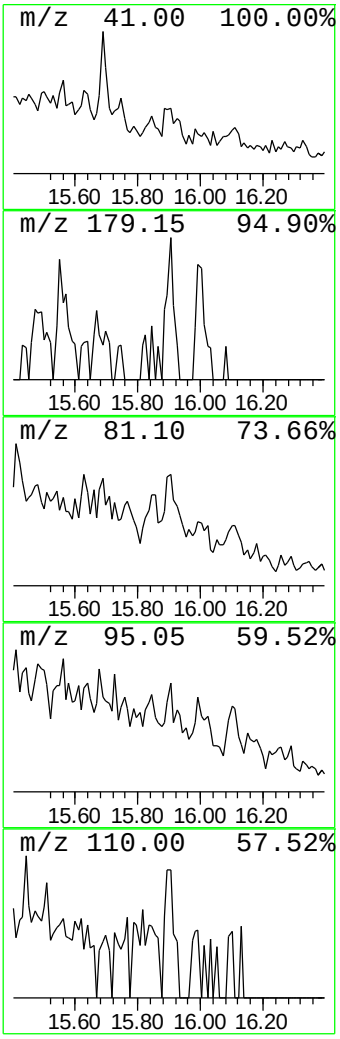
****

Peak Number 9 unknown15.90 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	9.91 ug/l	41397	1,4-Dichlorobenzene-d4	13.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	38
2	2,4-Octadiene	110	C8H14	013643-08-8	22
3	Cyclohexanol, 1-ethynyl-	124	C8H12O	000078-27-3	22
4	1H-Imidazole,1-ethyl-2-methyl	110	C6H10N2	021202-52-8	14
5	6,9-Dimethyl-8,9-dihydro-7H-[1,2...	179	C7H9N5O	959247-63-3	12





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112018\
Data File : VD060430.D
Acq On : 20 Nov 2018 17:00
Operator : JC/SY
Sample : J5772-03
Misc : 5.02g/5ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : PL-01-112018-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260

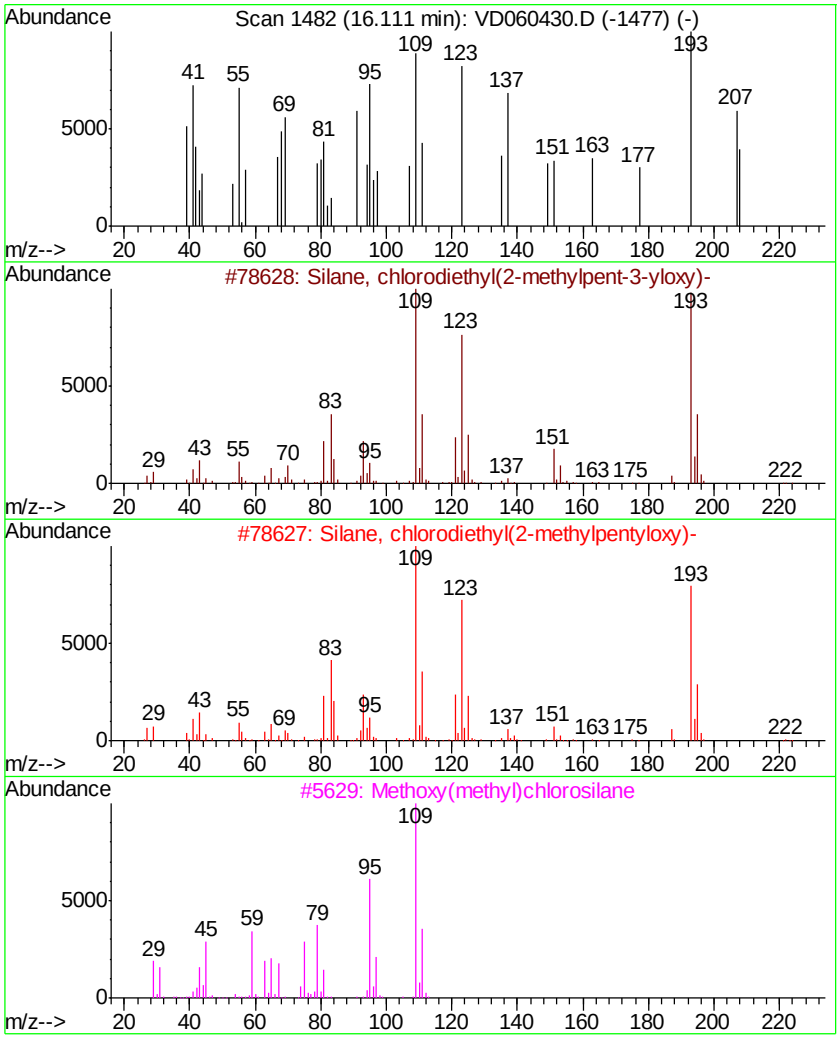
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

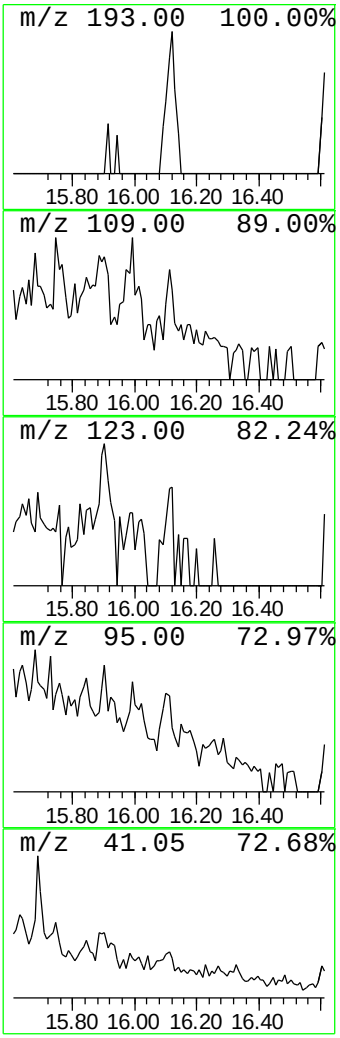
****

Peak Number 10 unknown16.11 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	8.66 ug/l	36192	1,4-Dichlorobenzene-d4	13.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, chlorodiethyl(2-methylpe...	222	C10H23ClOSi	1000363-79-1	38
2	Silane, chlorodiethyl(2-methylpe...	222	C10H23ClOSi	1000363-12-7	38
3	Methoxy(methyl)chlorosilane	110	C2H7ClOSi	018151-27-4	14
4	2-Butanone, 4-(2,2,6-trimethylcy...	196	C13H24O	006138-85-8	14
5	1,4-Methanoazulene-9-methanol, d...	222	C15H26O	001139-17-9	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD112018\
Data File : VD060430.D
Acq On : 20 Nov 2018 17:00
Operator : JC/SY
Sample : J5772-03
Misc : 5.02g/5ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : PL-01-112018-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.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
Dodecane, 6-methyl-	14.60	11.1	ug/l	46199	4	13.38	208909	50.0
Decane, 2,6,7-tri...	14.99	37.8	ug/l	157827	4	13.38	208909	50.0
unknown15.24	15.24	11.0	ug/l	46093	4	13.38	208909	50.0
unknown15.26	15.26	12.1	ug/l	50617	4	13.38	208909	50.0
unknown15.49	15.49	7.6	ug/l	31745	4	13.38	208909	50.0
Dodecane, 2,6,10-...	15.69	12.6	ug/l	52765	4	13.38	208909	50.0
unknown15.90	15.90	9.9	ug/l	41397	4	13.38	208909	50.0
unknown16.11	16.11	8.7	ug/l	36192	4	13.38	208909	50.0