LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111918\
Data File : VF060799.D
Acq On : 20 Nov 2018 2:14
Operator : VA/AP
Sample : J5952-04
Misc : 2.89g/5mL/MSVOA-F/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VTW-02(4-6)

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_F\METHODS\82F111318S.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	1.087	41	46	54	rBV3	17021	47872	8.00%	1.587%
2	1.245	59	62	66	rBV2	5251	13398	2.24%	0.444%
3	2.192	156	158	160	rVV3	5133	7633	1.28%	0.253%
4	2.241	160	163	170	rVB2	12192	28416	4.75%	0.942%
5	2.389	174	178	182	rVV6	3870	9337	1.56%	0.310%
6	3.099	249	250	258	rVB2	5369	11943	2.00%	0.396%
7	4.017	336	343	348	rBV3	6219	23832	3.98%	0.790%
8	4.125	348	354	363	rVV	94547	300120	50.15%	9.951%
9	4.658	400	408	413	rBV4	6841	21543	3.60%	0.714%
10	4.875	419	430	441	rBV2	166502	598447	100.00%	19.843%
11	5.615	499	505	517	rBV	167998	453783	75.83%	15.046%
12	6.276	565	572	577	rBV3	3720	10740	1.79%	0.356%
13	6.443	585	589	597	rVV4	5181	16303	2.72%	0.541%
14	6.976	638	643	649	rVB2	4019	11159	1.86%	0.370%
15	7.568	698	703	716	rVB	185653	438841	73.33%	14.551%
16	8.278	765	775	780	rBV2	21723	58966	9.85%	1.955%
17	8.633	807	811	815	rBV2	11534	26369	4.41%	0.874%
18	8.870	831	835	838	rVV4	2673	7091	1.18%	0.235%
19	9.442	890	893	896	rBV	13278	28806	4.81%	0.955%
20	9.511	896	900	909	rVV	47402	110521	18.47%	3.665%
21	9.787	923	928	936	rBV	101101	235313	39.32%	7.802%
22	10.142	961	964	969	rVB3	4224	8702	1.45%	0.289%
23	10.803	1027	1031	1033	rVV3	4677	9454	1.58%	0.313%
24	11.385	1085	1090	1092	rBV	33045	63797	10.66%	2.115%
25	11.425	1092	1094	1099	rVV	48630	78488	13.12%	2.602%
26	11.504	1099	1102	1105	rVV3	4204	8572	1.43%	0.284%
27	11.573	1105	1109	1116	rVB3	11200	31183	5.21%	1.034%
28	11.671	1116	1119	1121	rBV3	4809	8995	1.50%	0.298%
29	11.731	1121	1125	1128	rVB5	3273	6849	1.14%	0.227%
30	11.829	1133	1135	1139	rVB2	4265	6784	1.13%	0.225%
31	11.908	1139	1143	1146	rBV3	3209	6923	1.16%	0.230%
32	12.135	1165	1166	1171	rBV4	3168	7441	1.24%	0.247%
33	12.214	1171	1174	1179	rVB3	7886	12295	2.05%	0.408%
34	12.303	1179	1183	1186	rBV4	3505	9946	1.66%	0.330%

LSC Area Percent Report

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Data File : VF060799.D
Acq On : 20 Nov 2018 2:14
Operator : VA/AP
Sample : J5952-04
Misc : 2.89g/5mL/MSVOA-F/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VTW-02(4-6)

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_F\METHODS\82F111318S.M
Title : SW846 8260

35	12.470	1197	1200	1202	rVV4	5532	11131	1.86%	0.369%
36	12.559	1206	1209	1213	rVV	36275	61254	10.24%	2.031%
37	12.825	1231	1236	1238	rBV3	6472	13979	2.34%	0.464%
38	12.944	1243	1248	1252	rVV6	3973	10569	1.77%	0.350%
39	13.171	1266	1271	1274	rVV5	3922	11711	1.96%	0.388%
40	13.210	1274	1275	1278	rVV	7341	11379	1.90%	0.377%
41	13.250	1278	1279	1281	rVV	18516	15374	2.57%	0.510%
42	13.289	1281	1283	1287	rVV	8246	16125	2.69%	0.535%
43	13.506	1301	1305	1307	rBV3	3931	7711	1.29%	0.256%
44	13.555	1307	1310	1312	rVV4	3692	6380	1.07%	0.212%
45	13.713	1324	1326	1328	rBV2	5007	8492	1.42%	0.282%
46	13.881	1338	1343	1346	rBV6	7221	17683	2.95%	0.586%
47	14.088	1360	1364	1369	rBV6	2818	8014	1.34%	0.266%
48	14.206	1373	1376	1380	rBV5	4398	8720	1.46%	0.289%
49	14.463	1397	1402	1406	rBV	22008	38172	6.38%	1.266%
50	14.552	1408	1411	1415	rVV4	5583	10475	1.75%	0.347%
51	14.611	1415	1417	1424	rVV3	6244	12078	2.02%	0.400%
52	15.292	1483	1486	1488	rBV2	4271	7200	1.20%	0.239%
53	15.420	1495	1499	1504	rBV4	10155	19629	3.28%	0.651%

Sum of corrected areas: 3015938

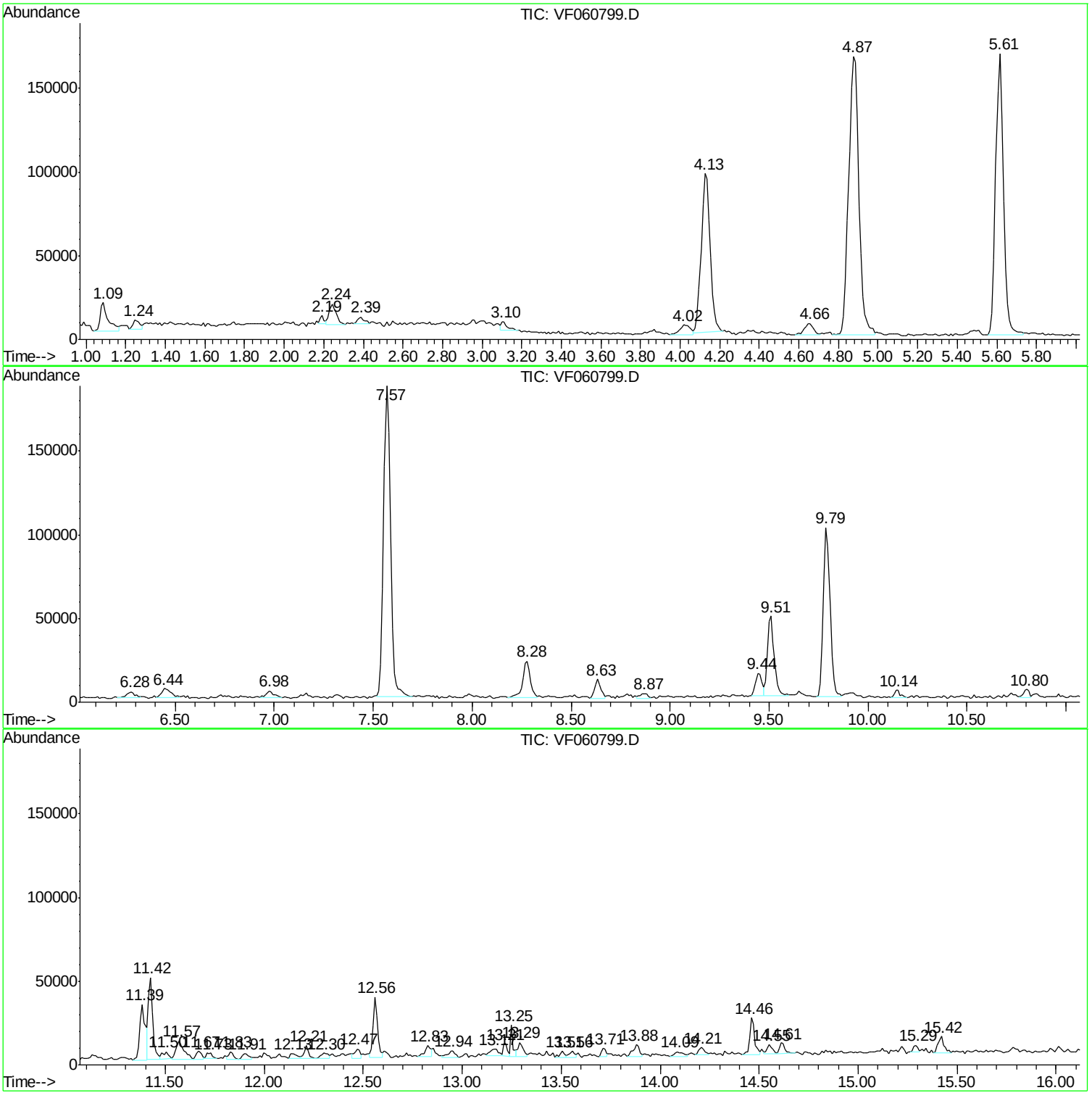
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111918\
Data File : VF060799.D
Acq On : 20 Nov 2018 2:14
Operator : VA/AP
Sample : J5952-04
Misc : 2.89g/5mL/MSVOA-F/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VTW-02(4-6)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.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 F\DATA\VF111918\
Data File : VF060799.D
Acq On : 20 Nov 2018 2:14
Operator : VA/AP
Sample : J5952-04
Misc : 2.89g/5mL/MSVOA-F/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VTW-02(4-6)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260

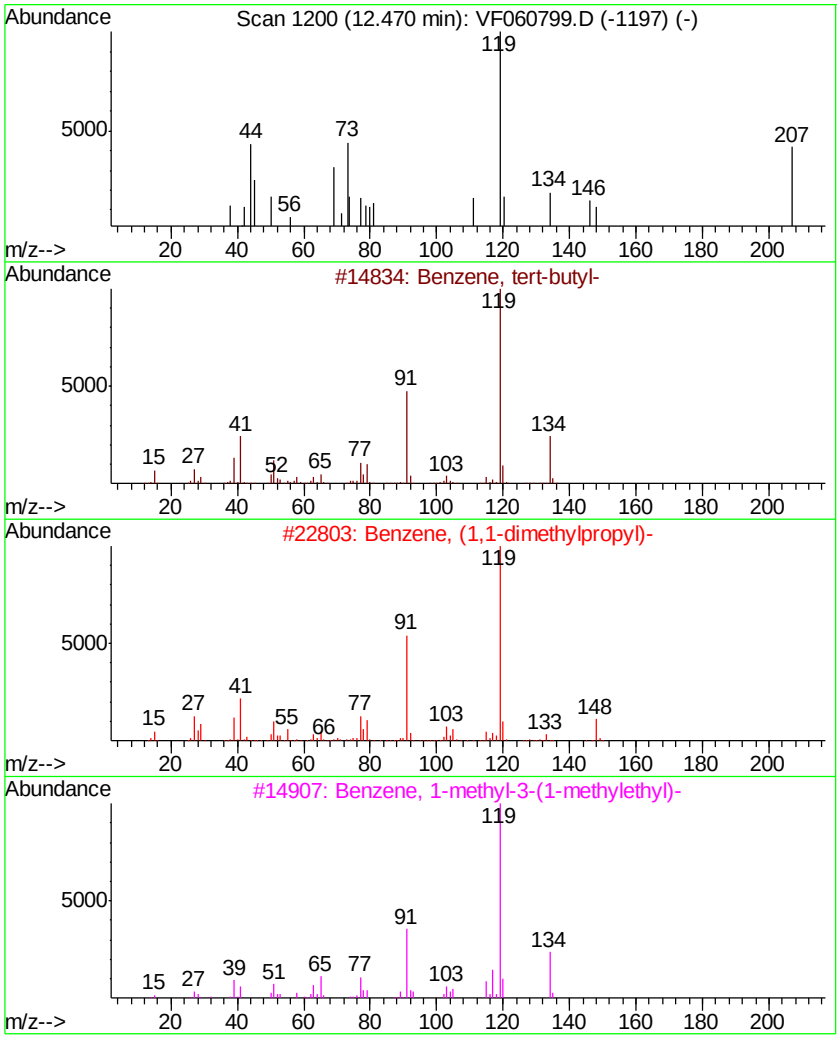
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

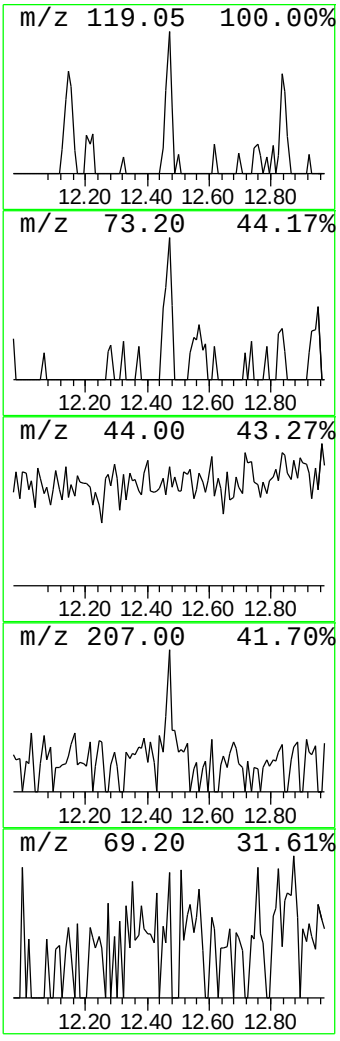
****

Peak Number 2 unknown12.47 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	9.09 ug/l	11131	1,4-Dichlorobenzene-d4	12.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, tert-butyl-	134	C10H14	000098-06-6	16
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	16
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	16
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	16
5	p-Cymene	134	C10H14	000099-87-6	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111918\
Data File : VF060799.D
Acq On : 20 Nov 2018 2:14
Operator : VA/AP
Sample : J5952-04
Misc : 2.89g/5mL/MSVOA-F/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VTW-02(4-6)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260

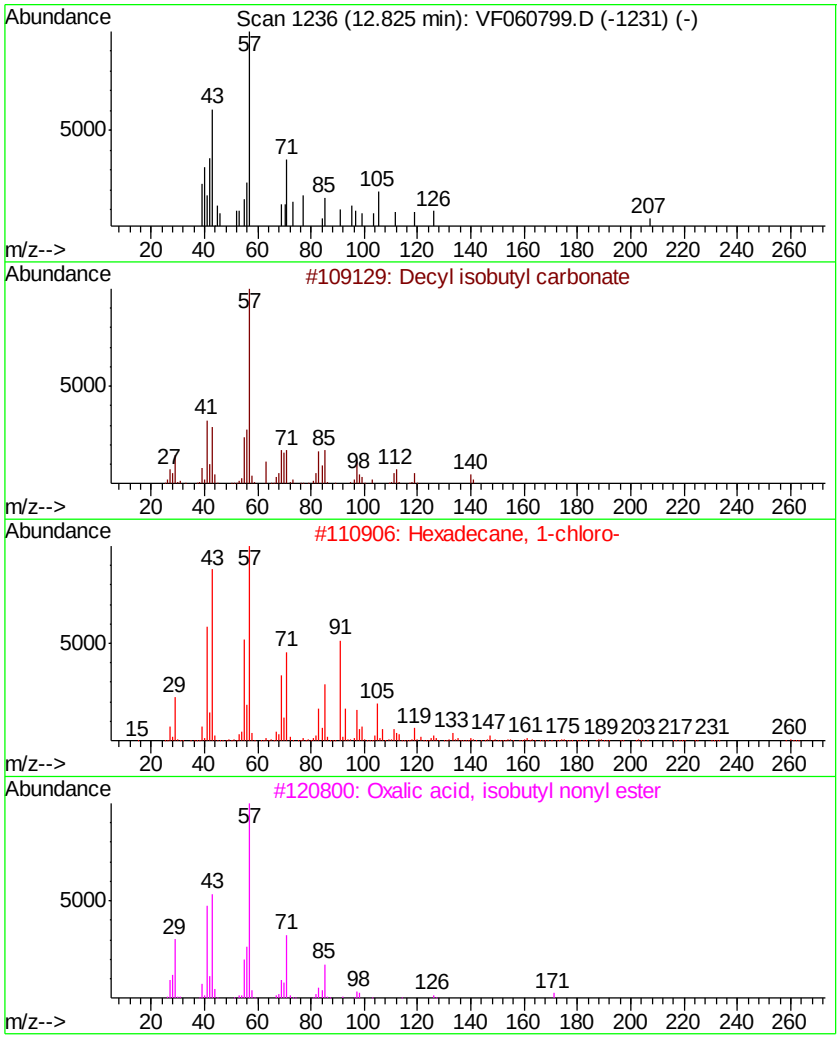
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

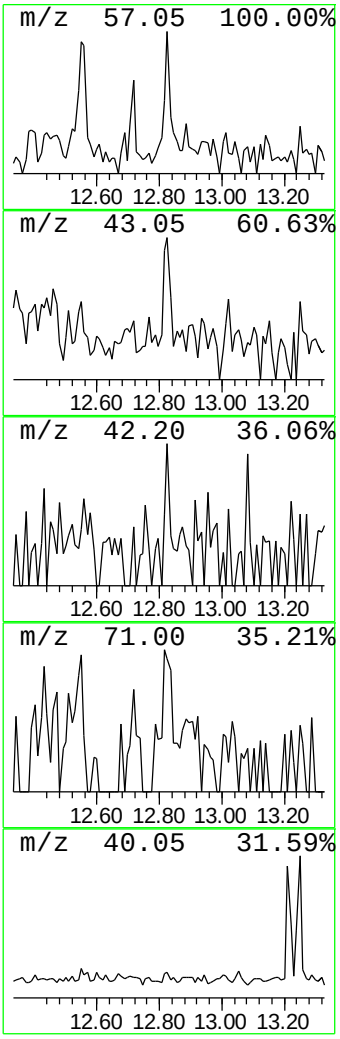
****

Peak Number 3 unknown12.83 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	11.41 ug/l	13979	1,4-Dichlorobenzene-d4	12.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decyl isobutyl carbonate	258	C15H30O3	959226-07-4	47
2	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	47
3	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	47
4	Tetradecane, 1-fluoro-	216	C14H29F	000593-33-9	38
5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	35





Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111918\
Data File : VF060799.D
Acq On : 20 Nov 2018 2:14
Operator : VA/AP
Sample : J5952-04
Misc : 2.89g/5mL/MSVOA-F/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VTW-02(4-6)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260

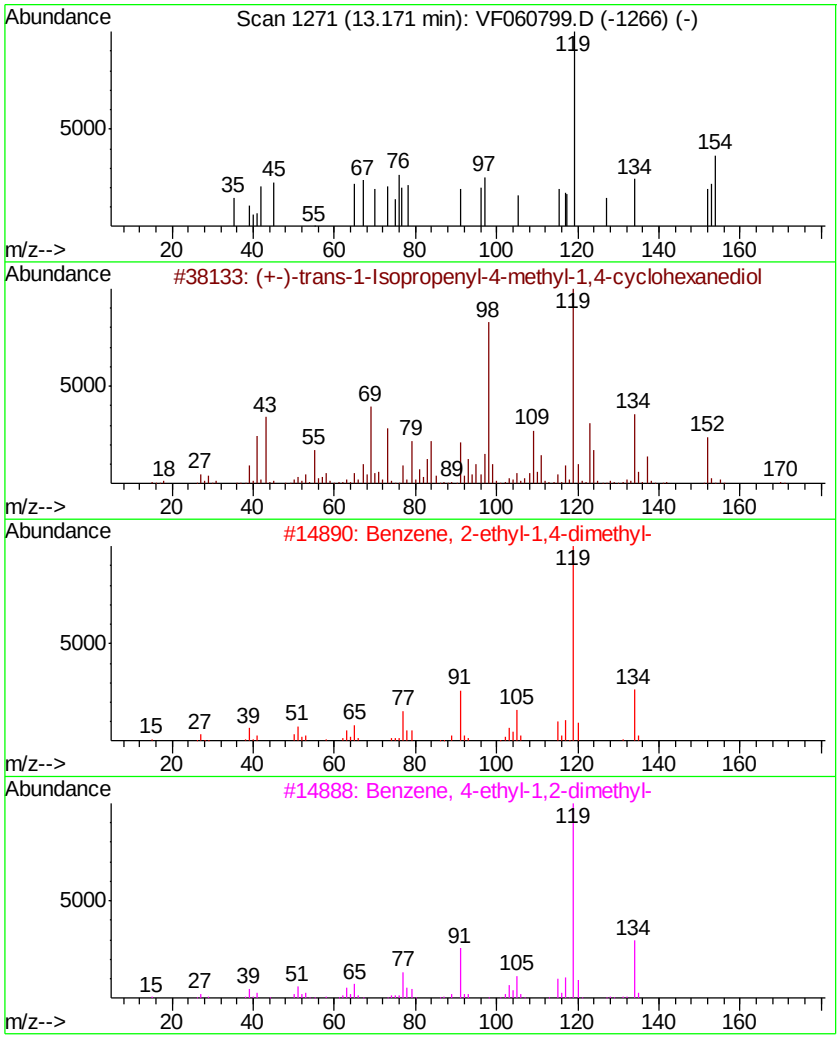
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

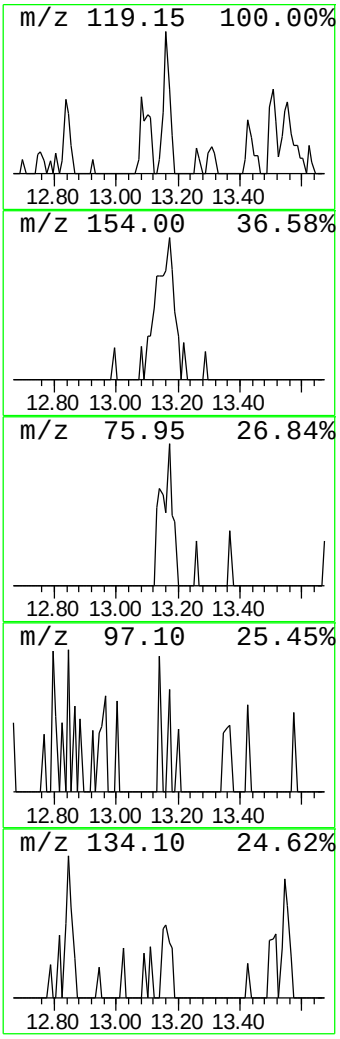
****

Peak Number 4 unknown13.17 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	9.56 ug/l	11711	1,4-Dichlorobenzene-d4	12.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+-)-trans-1-Isopropenyl-4-methy...	170	C10H18O2	061465-23-4	17
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	16
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	16
4	[1,2,4]Triazolo[1,5-a]pyridine	119	C6H5N3	000274-85-1	10
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111918\
Data File : VF060799.D
Acq On : 20 Nov 2018 2:14
Operator : VA/AP
Sample : J5952-04
Misc : 2.89g/5mL/MSVOA-F/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VTW-02(4-6)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260

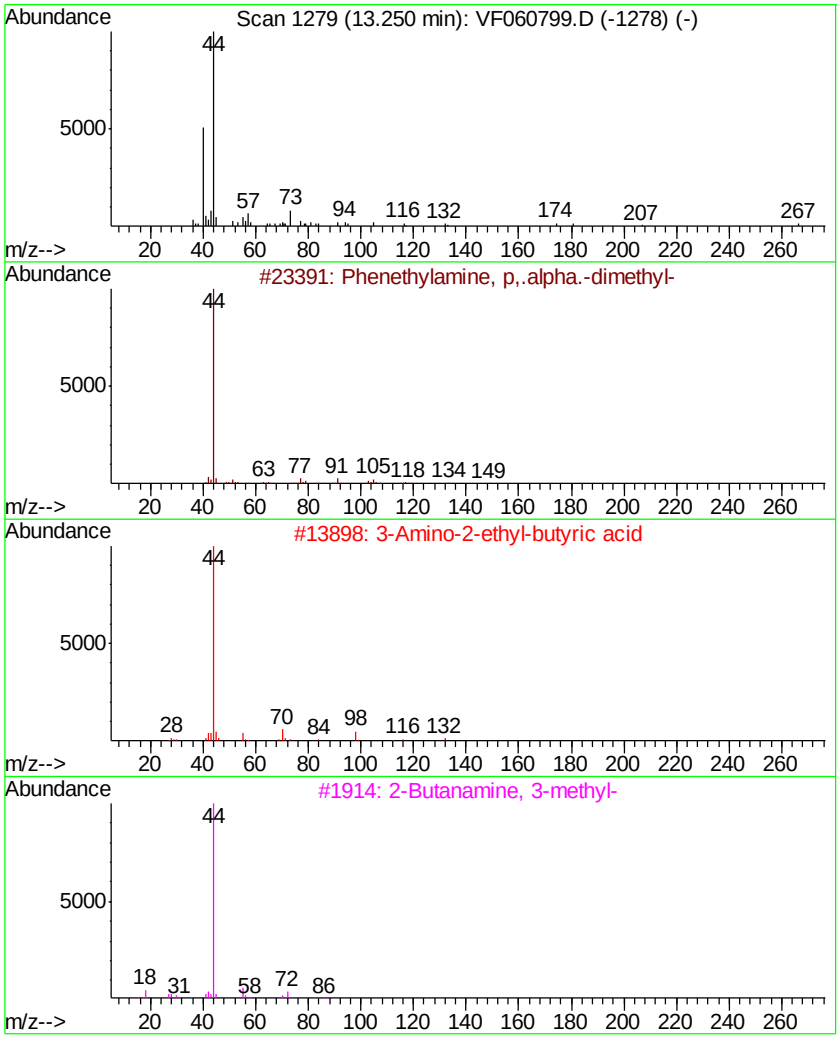
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

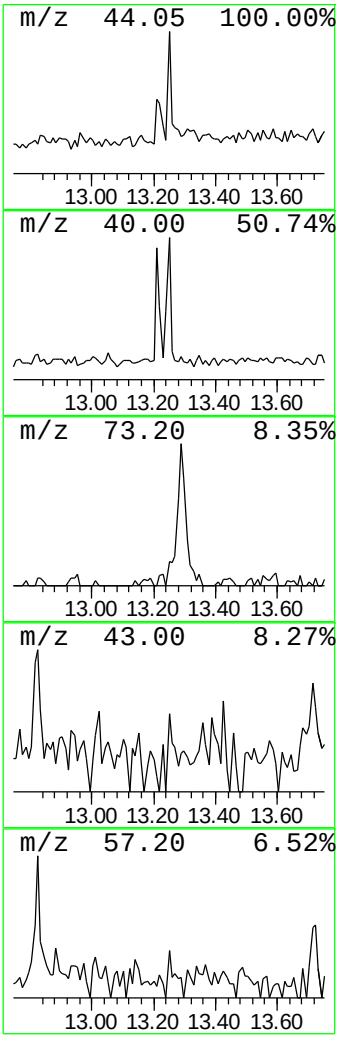
****

Peak Number 6 unknown13.25 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	12.55 ug/l	15374	1,4-Dichlorobenzene-d4	12.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenethylamine, p,.alpha.-dimethyl-	149	C10H15N	000064-11-9	45
2	3-Amino-2-ethyl-butyric acid	131	C6H13NO2	121006-12-0	39
3	2-Butanamine, 3-methyl-	87	C5H13N	000598-74-3	38
4	Methylpent-4-enylamine	99	C6H13N	005831-72-1	38
5	Benzenemethanol, .alpha.-(1-amin...	151	C9H13NO	014838-15-4	38





Library Search Compound Report

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ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VTW-02(4-6)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260

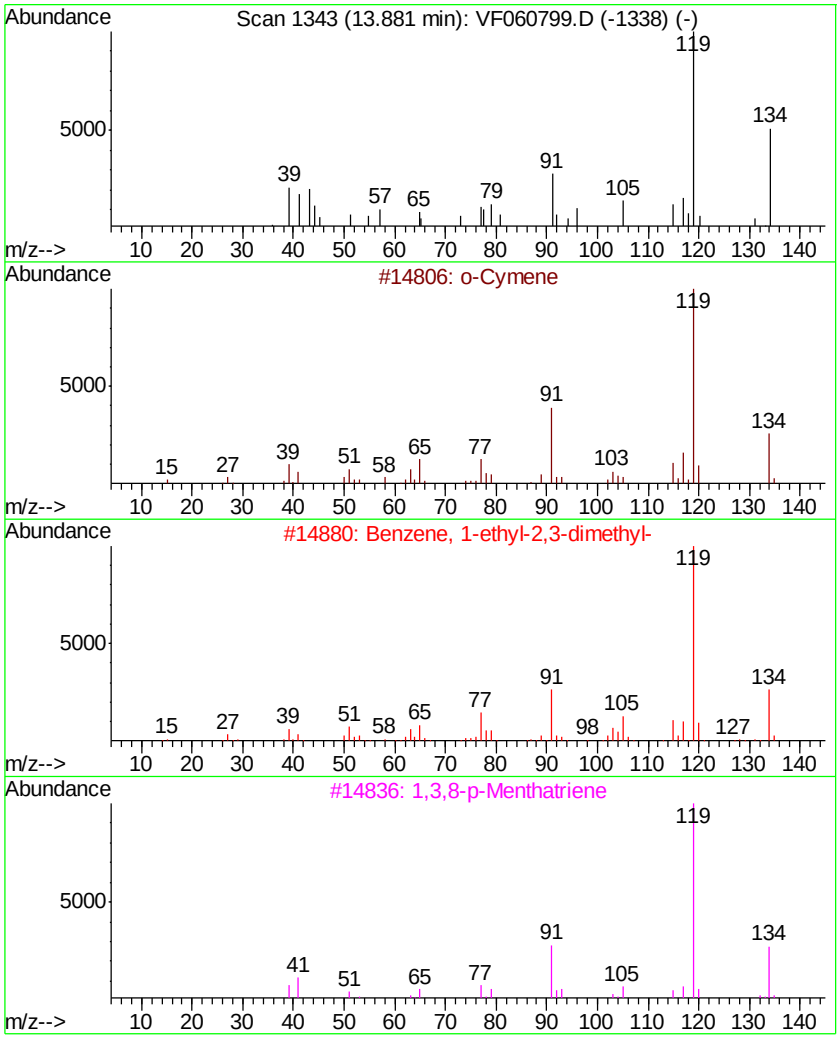
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

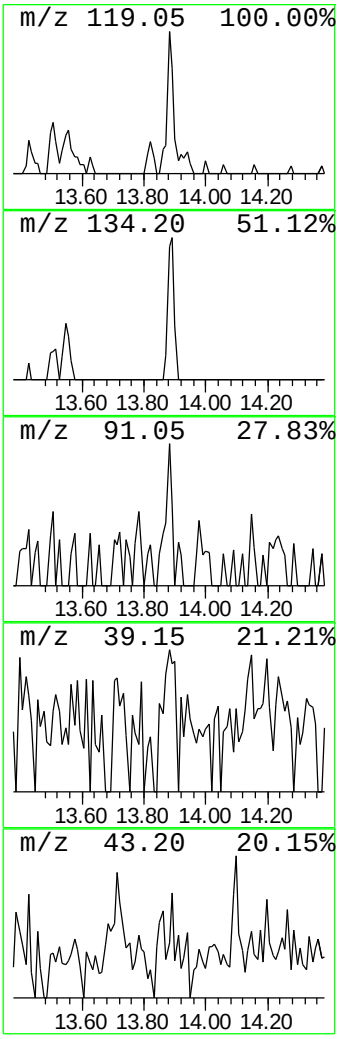
****

Peak Number 8 o-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	14.43 ug/l	17683	1,4-Dichlorobenzene-d4	12.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	72
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
3	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	64
4	p-Cymene	134	C10H14	000099-87-6	64
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	50





Library Search Compound Report

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Instrument : MSVOA_F
ClientSampleId : VTW-02(4-6)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260

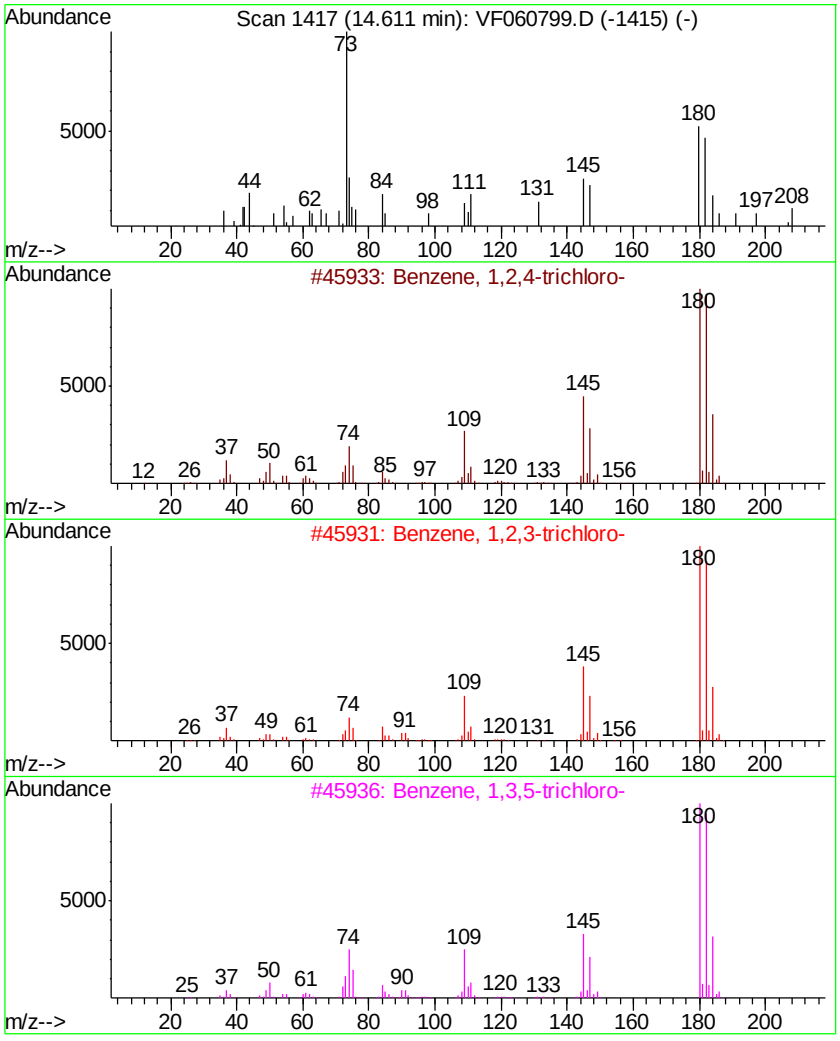
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

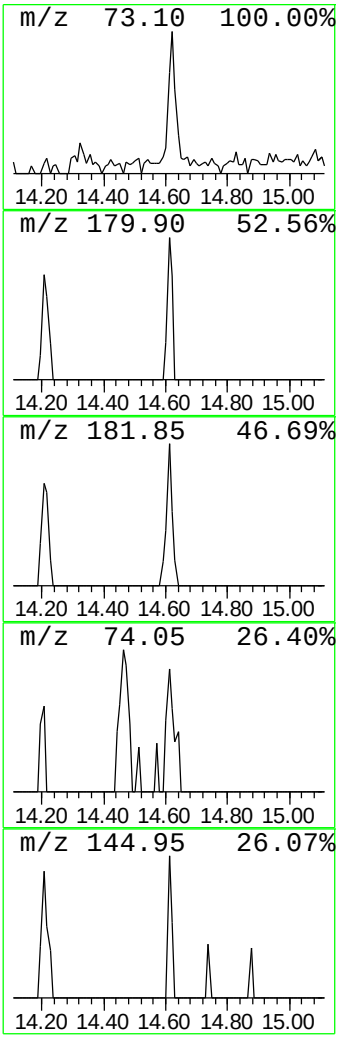
****

Peak Number 9 unknown14.61 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	9.86 ug/l	12078	1,4-Dichlorobenzene-d4	12.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	49
2	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	46
3	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	43
4	6-Chlorochromone	180	C9H5ClO2	033533-99-2	12
5	Silane, trimethyl(phenylthio)-	182	C9H14SSi	004551-15-9	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111918\
Data File : VF060799.D
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ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VTW-02(4-6)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260

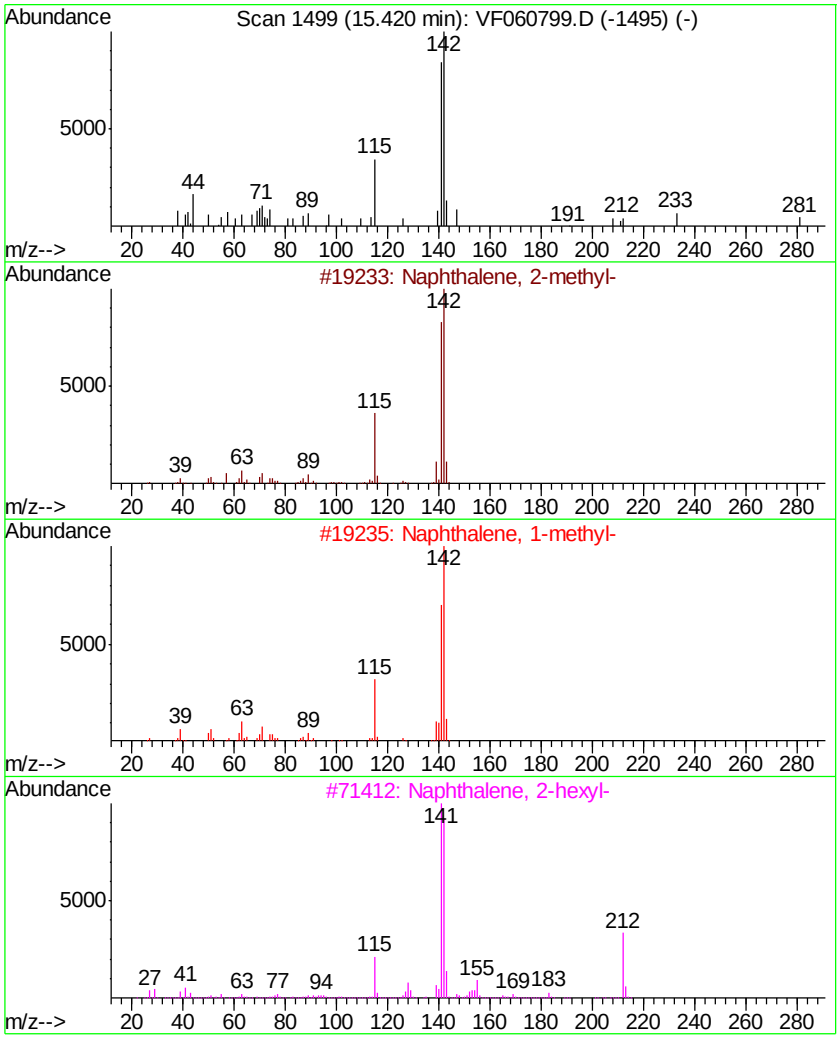
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

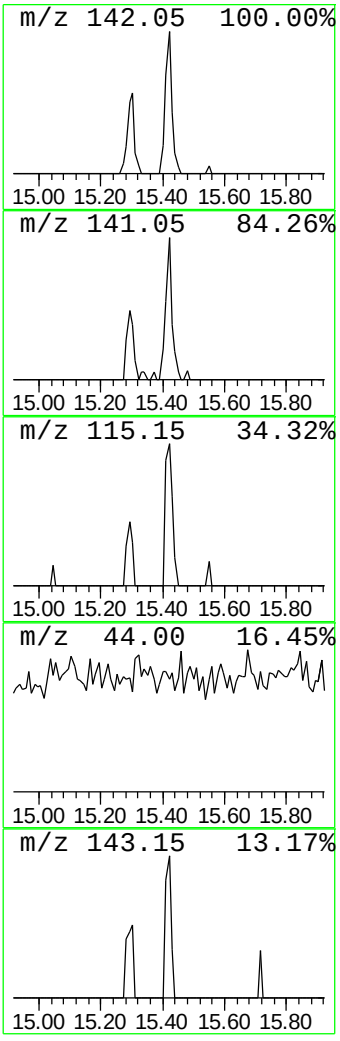
****

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	16.02 ug/l	19629	1,4-Dichlorobenzene-d4	12.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	80
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	80
3	Naphthalene, 2-hexyl-	212	C16H20	002876-46-2	78
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	72
5	Naphthalene, 1-[(2-propenyloxy)m...	198	C14H14O	074685-39-5	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111918\
Data File : VF060799.D
Acq On : 20 Nov 2018 2:14
Operator : VA/AP
Sample : J5952-04
Misc : 2.89g/5mL/MSVOA-F/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VTW-02(4-6)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.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
unknown12.47	12.47	9.1	ug/l	11131	4	12.56	61254	50.0
unknown12.83	12.83	11.4	ug/l	13979	4	12.56	61254	50.0
unknown13.17	13.17	9.6	ug/l	11711	4	12.56	61254	50.0
unknown13.25	13.25	12.6	ug/l	15374	4	12.56	61254	50.0
o-Cymene	13.88	14.4	ug/l	17683	4	12.56	61254	50.0
unknown14.61	14.61	9.9	ug/l	12078	4	12.56	61254	50.0
Naphthalene, 1-me...	15.42	16.0	ug/l	19629	4	12.56	61254	50.0