LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021219\
Data File : VF061621.D
Acq On : 12 Feb 2019 21:01
Operator : VA/AP
Sample : K1343-29
Misc : 6.61g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : JC-02-021119-O

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\82F011519S.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	1.086	41	46	48	rBV3	7339	18239	1.89%	0.211%
2	2.181	153	157	160	rBV	17529	38603	4.00%	0.447%
3	2.240	160	163	172	rVV4	24127	76320	7.90%	0.883%
4	2.378	175	177	180	rVB2	5721	10451	1.08%	0.121%
5	4.035	336	345	348	rBV2	24697	83897	8.68%	0.971%
6	4.124	348	354	361	rVB	126768	404969	41.91%	4.686%
7	4.430	378	385	395	rVB2	23850	102703	10.63%	1.188%
8	4.637	402	406	413	rVB2	16343	44863	4.64%	0.519%
9	4.874	421	430	443	rBV2	272898	966218	100.00%	11.181%
10	5.603	497	504	516	rBV	328610	877182	90.79%	10.150%
11	7.557	697	702	708	rBV	342505	842938	87.24%	9.754%
12	7.626	708	709	716	rVV	20531	40539	4.20%	0.469%
13	8.227	765	770	776	rBV6	3042	11523	1.19%	0.133%
14	9.786	922	928	936	rBV	398308	927938	96.04%	10.738%
15	9.904	936	940	945	rVB5	7139	17551	1.82%	0.203%
16	10.141	958	964	968	rVB	8861	17781	1.84%	0.206%
17	10.713	1020	1022	1028	rVB2	8590	15248	1.58%	0.176%
18	11.414	1089	1093	1104	rBV	322865	562849	58.25%	6.513%
19	11.561	1105	1108	1110	rVV2	12753	24393	2.52%	0.282%
20	11.601	1110	1112	1115	rVV	7068	13046	1.35%	0.151%
21	11.660	1115	1118	1120	rVV2	9765	15391	1.59%	0.178%
22	11.719	1120	1124	1128	rVV	19155	41695	4.32%	0.482%
23	11.828	1132	1135	1138	rVB	14597	19236	1.99%	0.223%
24	12.025	1144	1155	1158	rBV	14733	29442	3.05%	0.341%
25	12.213	1170	1174	1180	rVB	45886	76333	7.90%	0.883%
26	12.301	1180	1183	1189	rBV4	6098	13922	1.44%	0.161%
27	12.430	1193	1196	1198	rBV4	7237	14193	1.47%	0.164%
28	12.558	1205	1209	1212	rBV	465258	742312	76.83%	8.590%
29	12.607	1212	1214	1221	rVB	47718	86614	8.96%	1.002%
30	12.725	1223	1226	1229	rBV2	25014	45701	4.73%	0.529%
31	12.775	1229	1231	1233	rVV	26240	35831	3.71%	0.415%
32	12.814	1233	1235	1242	rVB4	37557	104989	10.87%	1.215%
33	12.933	1245	1247	1249	rBV3	8047	11446	1.18%	0.132%
34	13.012	1252	1255	1259	rVB	22744	36396	3.77%	0.421%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021219\
Data File : VF061621.D
Acq On : 12 Feb 2019 21:01
Operator : VA/AP
Sample : K1343-29
Misc : 6.61g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : JC-02-021119-O

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\82F011519S.M
Title : SW846 8260

35	13.100	1259	1264	1267	rBV2	30270	77668	8.04%	0.899%
36	13.160	1267	1270	1272	rBV	35181	55954	5.79%	0.647%
37	13.229	1275	1277	1279	rVV	22005	33212	3.44%	0.384%
38	13.288	1282	1283	1287	rVB3	10041	14831	1.53%	0.172%
39	13.386	1291	1293	1295	rVB2	9668	11906	1.23%	0.138%
40	13.426	1295	1297	1302	rVB3	19006	31236	3.23%	0.361%
41	13.495	1302	1304	1307	rBV2	23798	36455	3.77%	0.422%
42	13.544	1307	1309	1311	rBV	38958	52209	5.40%	0.604%
43	13.584	1311	1313	1315	rVB3	12697	16530	1.71%	0.191%
44	13.623	1315	1317	1322	rVB2	8711	20041	2.07%	0.232%
45	13.712	1322	1326	1329	rBV2	131458	185569	19.21%	2.147%
46	13.761	1329	1331	1334	rVB4	14925	25600	2.65%	0.296%
47	13.811	1334	1336	1338	rBV	16340	24280	2.51%	0.281%
48	13.860	1338	1341	1345	rBV3	123434	229099	23.71%	2.651%
49	13.919	1345	1347	1350	rVB2	24701	36407	3.77%	0.421%
50	13.978	1350	1353	1356	rVB	110302	159746	16.53%	1.849%
51	14.057	1358	1361	1362	rBV2	14107	24324	2.52%	0.281%
52	14.087	1362	1364	1366	rVB	28525	36094	3.74%	0.418%
53	14.156	1366	1371	1374	rBV5	52019	114394	11.84%	1.324%
54	14.215	1374	1377	1382	rVB2	40834	75074	7.77%	0.869%
55	14.304	1384	1386	1389	rVB2	12591	13837	1.43%	0.160%
56	14.363	1389	1392	1394	rBV4	5869	10048	1.04%	0.116%
57	14.412	1394	1397	1400	rBV2	45508	81909	8.48%	0.948%
58	14.462	1400	1402	1405	rBV3	65852	95195	9.85%	1.102%
59	14.570	1410	1413	1414	rBV3	12026	18310	1.90%	0.212%
60	14.600	1414	1416	1419	rVB	37527	50707	5.25%	0.587%
61	14.748	1427	1431	1434	rVV	133002	203086	21.02%	2.350%
62	14.836	1437	1440	1441	rBV3	6126	11541	1.19%	0.134%
63	14.886	1441	1445	1449	rVV5	24461	63943	6.62%	0.740%
64	14.945	1449	1451	1454	rVB3	8296	11701	1.21%	0.135%
65	15.004	1454	1457	1462	rBV2	73025	124729	12.91%	1.443%
66	15.113	1465	1468	1471	rBV2	68041	121954	12.62%	1.411%
67	15.172	1472	1474	1477	rVB3	19925	28666	2.97%	0.332%
68	15.290	1483	1486	1489	rVV	20534	35354	3.66%	0.409%
69	15.349	1489	1492	1495	rVV2	21993	45503	4.71%	0.527%
70	15.409	1495	1498	1502	rVB4	13365	22027	2.28%	0.255%
71	15.645	1519	1522	1527	rVB2	27453	55345	5.73%	0.640%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021219\
Data File : VF061621.D
Acq On : 12 Feb 2019 21:01
Operator : VA/AP
Sample : K1343-29
Misc : 6.61g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : JC-02-021119-O

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\82F011519S.M
Title : SW846 8260

72	16.010	1555	1559	1563	rVB6	5601	16658	1.72%	0.193%

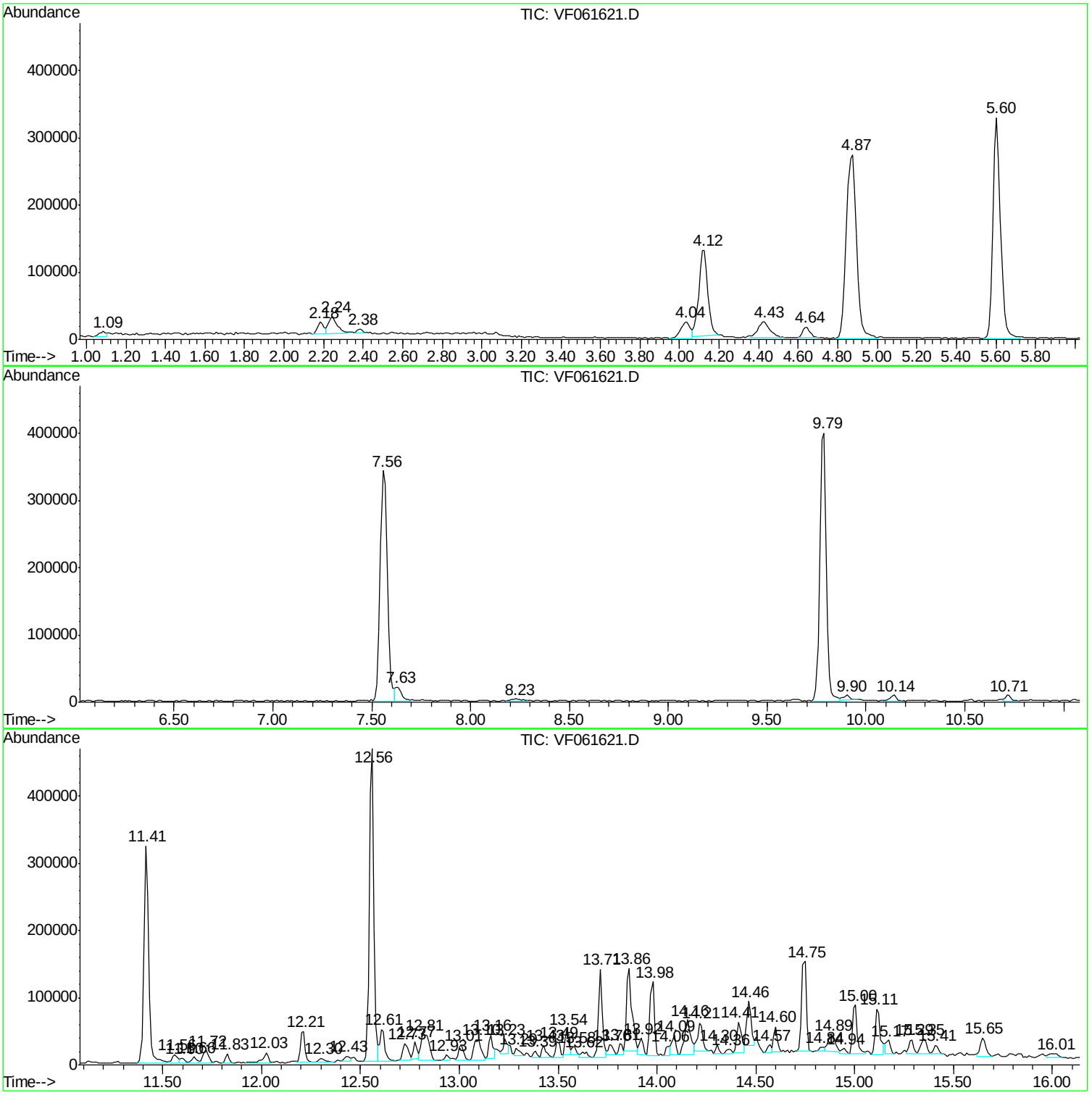
Sum of corrected areas: 8641894

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021219\
Data File : VF061621.D
Acq On : 12 Feb 2019 21:01
Operator : VA/AP
Sample : K1343-29
Misc : 6.61g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-O

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.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\VF021219\
Data File : VF061621.D
Acq On : 12 Feb 2019 21:01
Operator : VA/AP
Sample : K1343-29
Misc : 6.61g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : JC-02-021119-O

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260

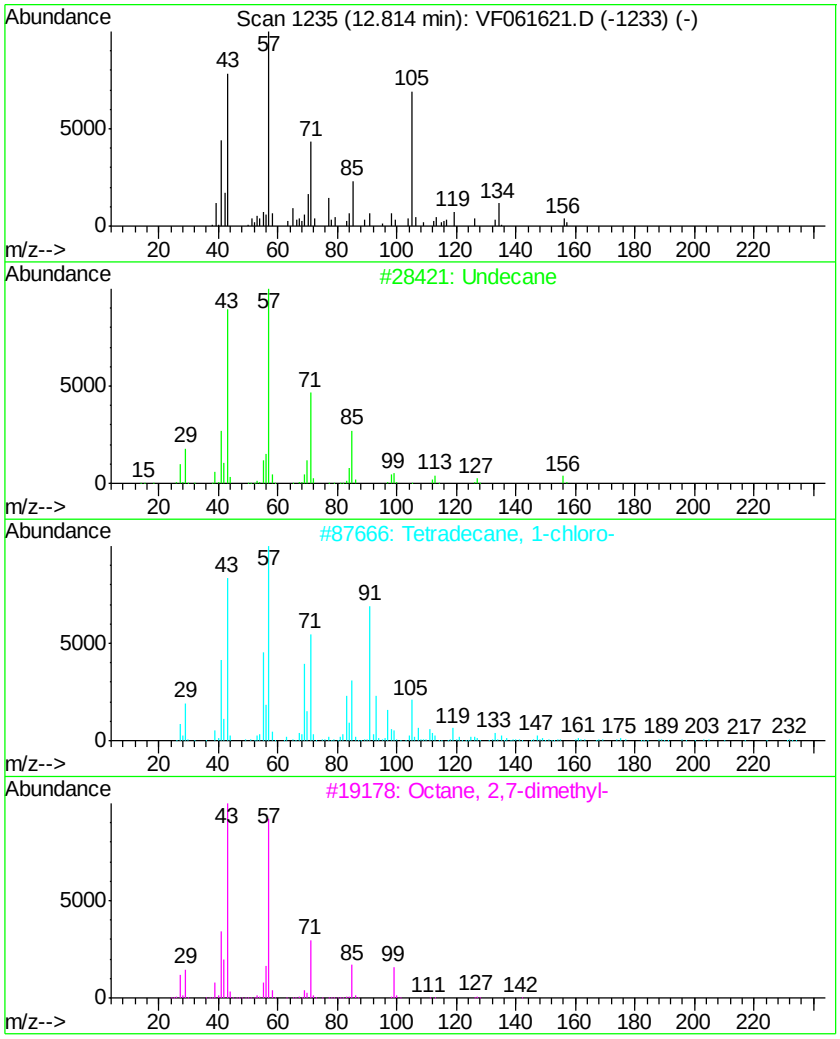
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

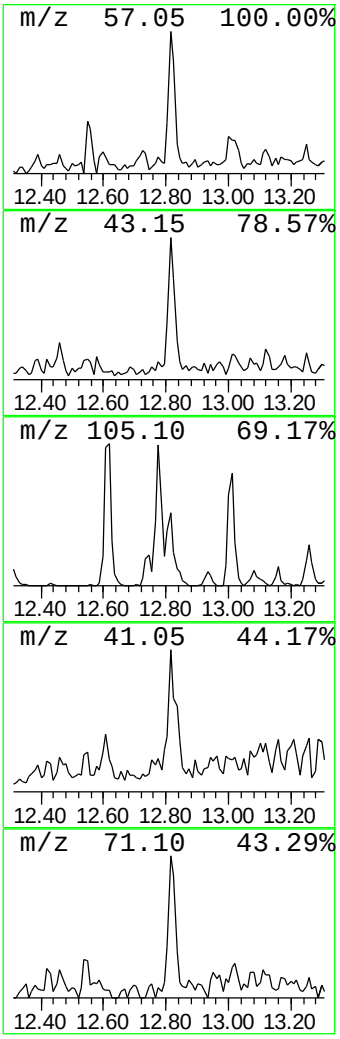
****

Peak Number 2 Undecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	7.07 ug/l	104989	1,4-Dichlorobenzene-d4	12.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	70
2	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	59
3	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	47
4	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	43
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021219\
Data File : VF061621.D
Acq On : 12 Feb 2019 21:01
Operator : VA/AP
Sample : K1343-29
Misc : 6.61g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : JC-02-021119-O

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260

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

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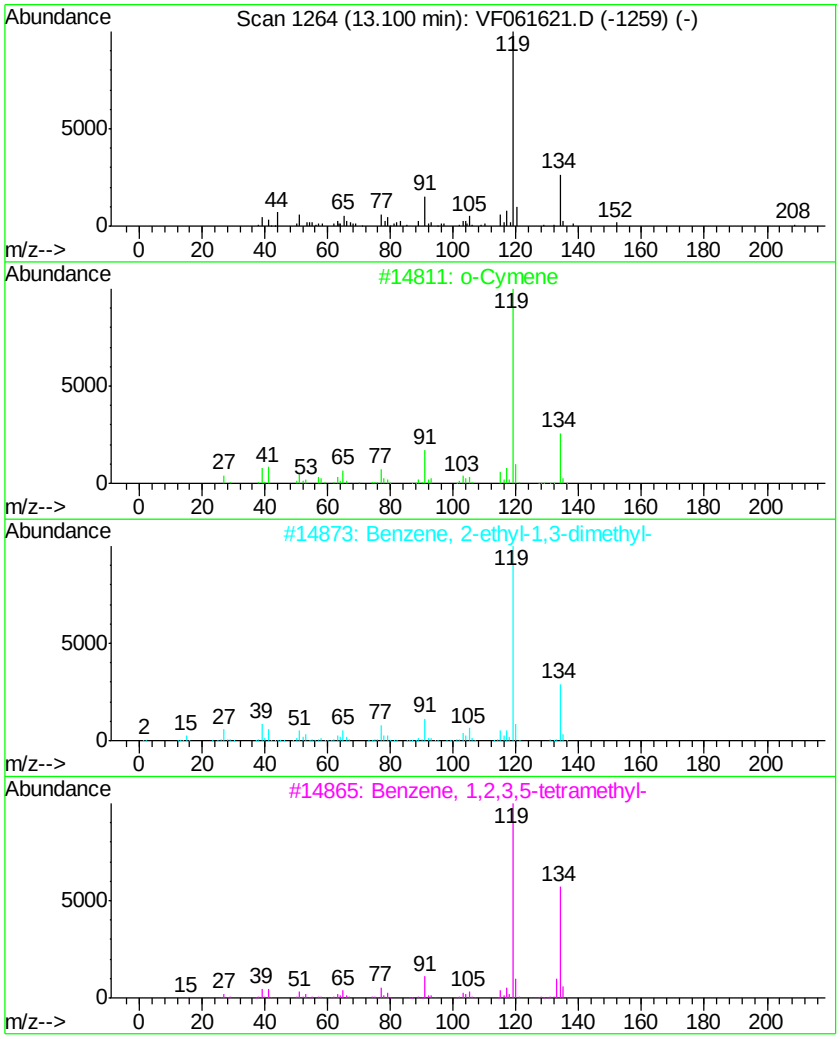
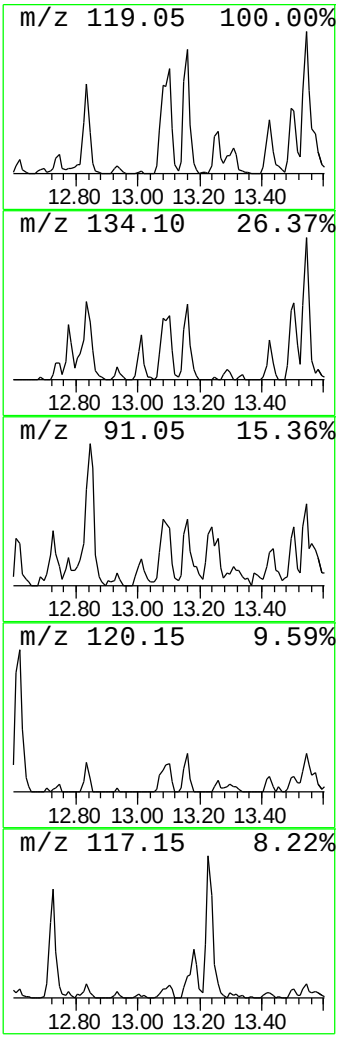
Peak Number 3 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	5.23 ug/l	77668	1,4-Dichlorobenzene-d4	12.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021219\
Data File : VF061621.D
Acq On : 12 Feb 2019 21:01
Operator : VA/AP
Sample : K1343-29
Misc : 6.61g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : JC-02-021119-O

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260

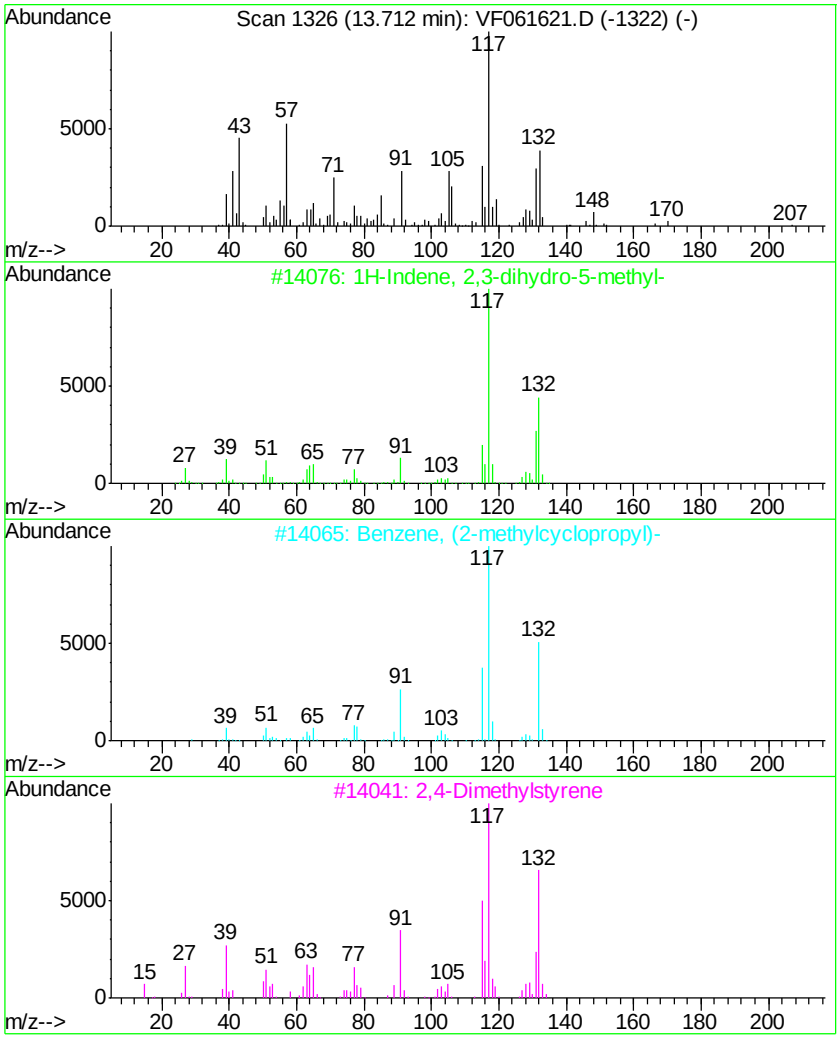
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

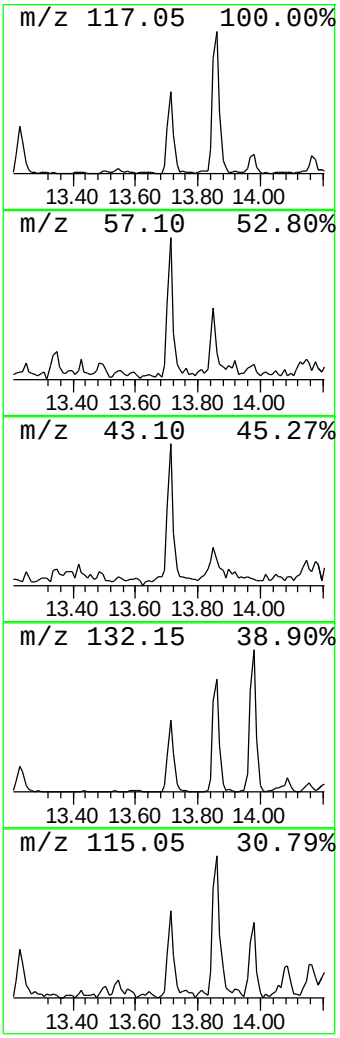
****

Peak Number 4 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	12.50 ug/l	185569	1,4-Dichlorobenzene-d4	12.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
2	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	90
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	87
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	87
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	76





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021219\
Data File : VF061621.D
Acq On : 12 Feb 2019 21:01
Operator : VA/AP
Sample : K1343-29
Misc : 6.61g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : JC-02-021119-O

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260

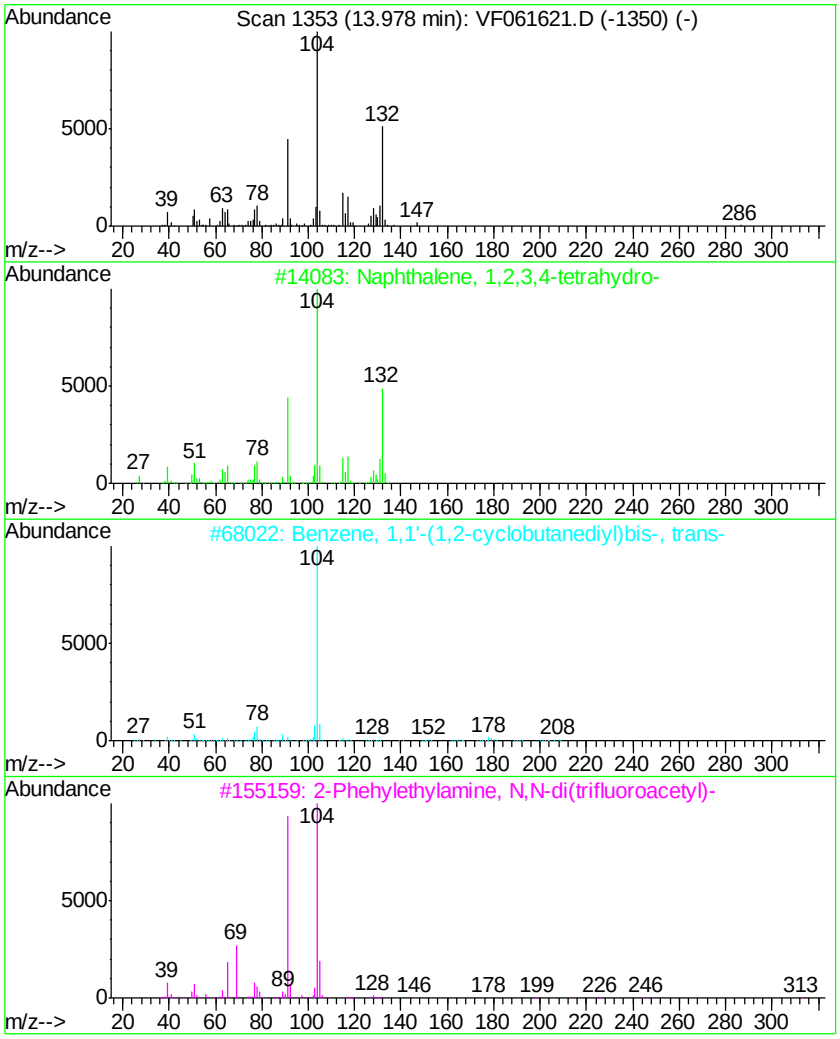
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

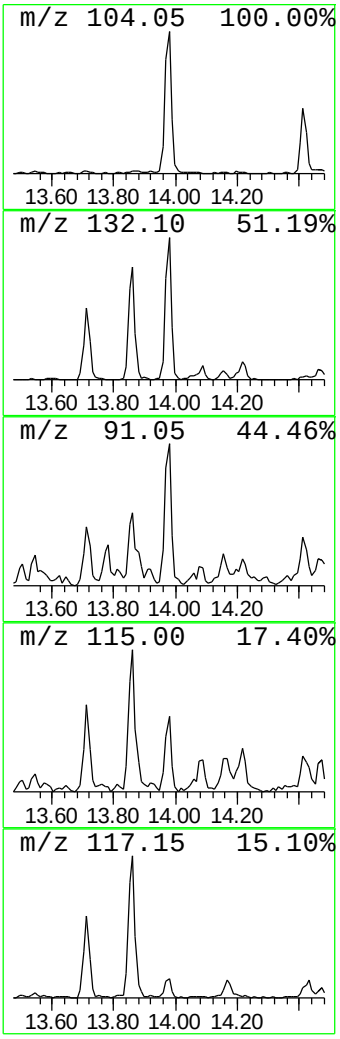
****

Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	10.76 ug/l	159746	1,4-Dichlorobenzene-d4	12.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	93
2	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	020071-09-4	38
3	2-Phehylethylamine, N,N-di(trifl...	313	C12H9F6NO2	1000328-32-5	38
4	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	38
5	Acetic acid, 2-phenylethyl ester	164	C10H12O2	000103-45-7	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021219\
Data File : VF061621.D
Acq On : 12 Feb 2019 21:01
Operator : VA/AP
Sample : K1343-29
Misc : 6.61g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : JC-02-021119-O

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260

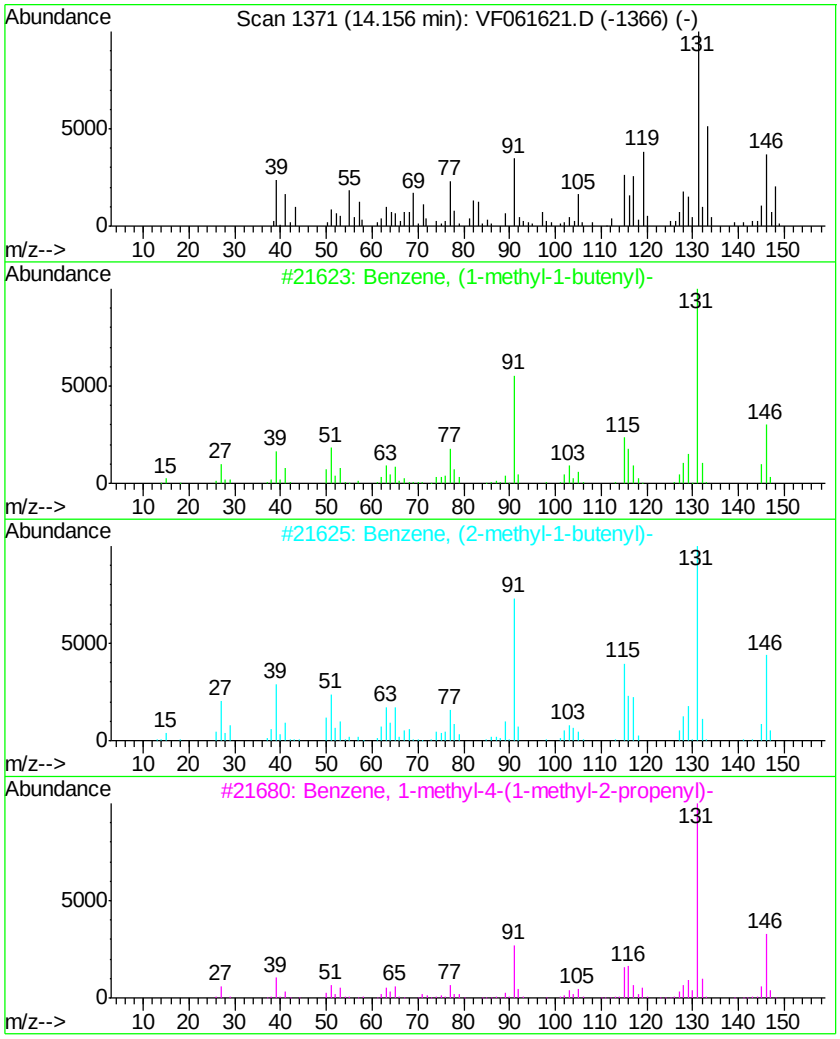
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

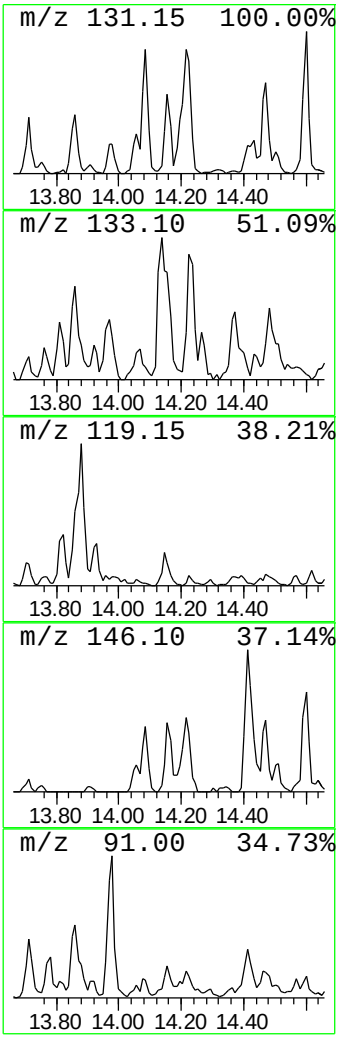
****

Peak Number 7 Benzene, (1-methyl-1-butenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	7.71 ug/l	114394	1,4-Dichlorobenzene-d4	12.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	55
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	55
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	55
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	49
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021219\
Data File : VF061621.D
Acq On : 12 Feb 2019 21:01
Operator : VA/AP
Sample : K1343-29
Misc : 6.61g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : JC-02-021119-O

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260

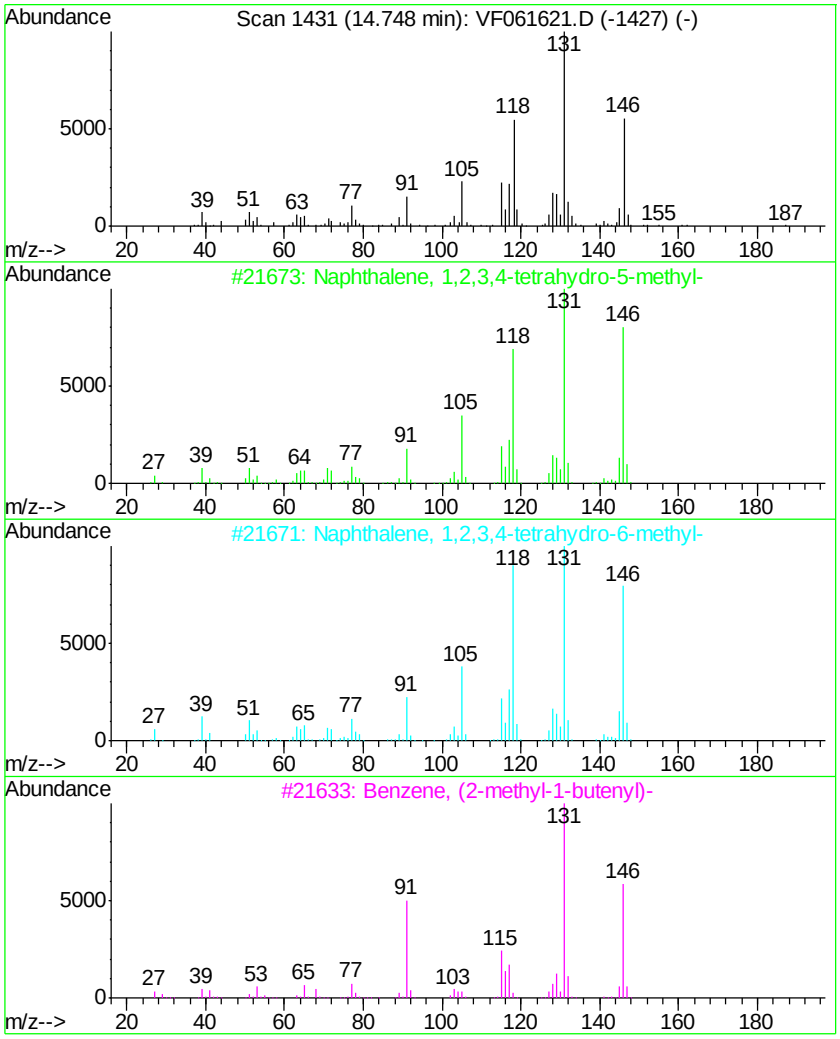
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

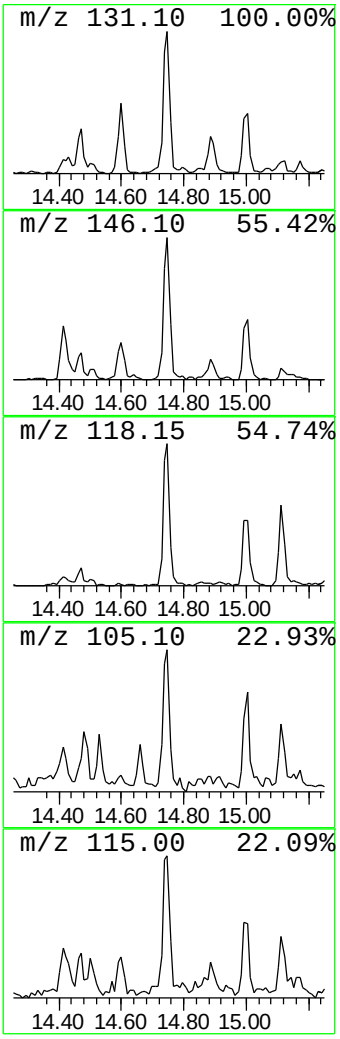
****

Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	13.68 ug/l	203086	1,4-Dichlorobenzene-d4	12.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	89
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	62





Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021219\
Data File : VF061621.D
Acq On : 12 Feb 2019 21:01
Operator : VA/AP
Sample : K1343-29
Misc : 6.61g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : JC-02-021119-O

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260

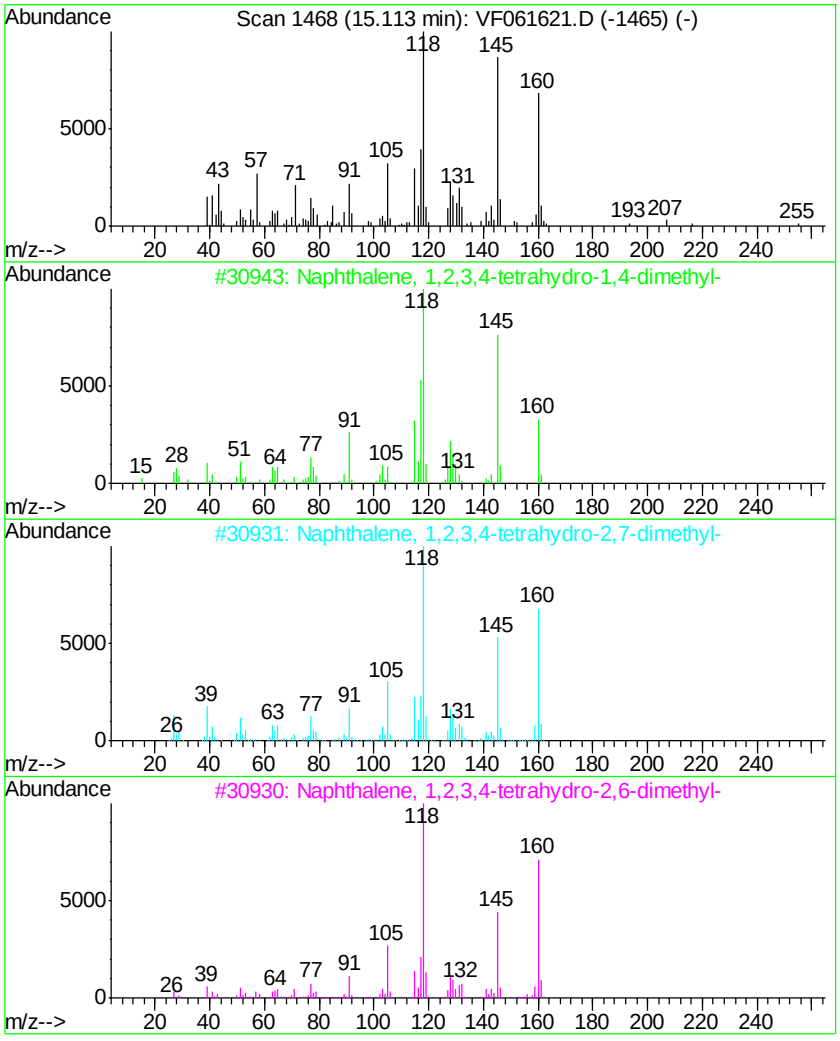
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

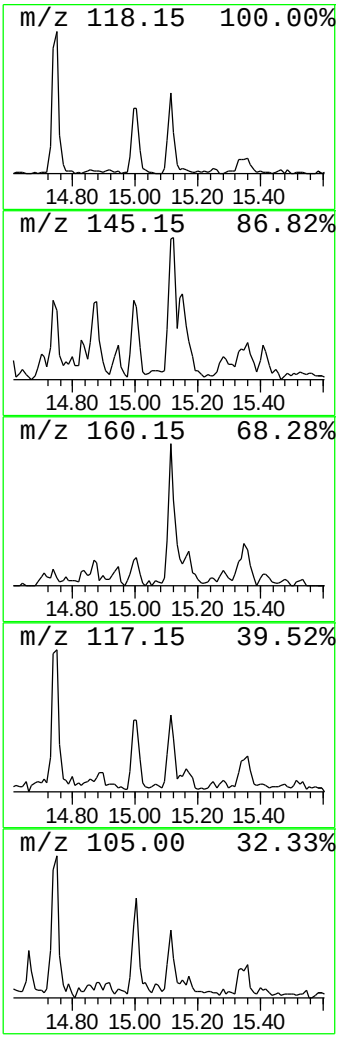
****

Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	8.21 ug/l	121954	1,4-Dichlorobenzene-d4	12.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	91
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	76
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	64
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF021219\
Data File : VF061621.D
Acq On : 12 Feb 2019 21:01
Operator : VA/AP
Sample : K1343-29
Misc : 6.61g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : JC-02-021119-O

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.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
Undecane	12.81	7.1	ug/l	104989	4	12.56	742312	50.0
o-Cymene	13.10	5.2	ug/l	77668	4	12.56	742312	50.0
1H-Indene, 2,3-di...	13.71	12.5	ug/l	185569	4	12.56	742312	50.0
Naphthalene, 1,2,...	13.98	10.8	ug/l	159746	4	12.56	742312	50.0
Benzene, (1-methy...	14.16	7.7	ug/l	114394	4	12.56	742312	50.0
Naphthalene, 1,2,...	14.75	13.7	ug/l	203086	4	12.56	742312	50.0
Naphthalene, 1,2,...	15.11	8.2	ug/l	121954	4	12.56	742312	50.0