LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082318\
Data File : VF060091.D
Acq On : 24 Aug 2018 10:32
Operator : VA/AP
Sample : J4594-01
Misc : 5.03g/5mL/MSVOA F/SOIL
ALS Vial : 57 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : 1-3-RO

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\82F082118S.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	54	56	59	rBV2	11924	15086	2.23%	0.340%
2	1.343	77	82	83	rBV3	4314	8755	1.30%	0.197%
3	1.836	128	132	138	rVB2	5521	14084	2.09%	0.317%
4	2.280	168	177	180	rBV	27732	61522	9.11%	1.385%
5	2.339	180	183	188	rVB	15044	35615	5.27%	0.802%
6	4.172	361	369	374	rBV4	5594	19161	2.84%	0.431%
7	4.291	374	381	391	rVB	79938	250614	37.11%	5.640%
8	5.030	448	456	468	rBV2	186653	675382	100.00%	15.200%
9	5.769	524	531	541	rBV	195931	522657	77.39%	11.763%
10	7.711	722	728	734	rBV	241204	558264	82.66%	12.564%
11	8.766	831	835	840	rBV5	2592	7056	1.04%	0.159%
12	9.919	945	952	960	rBV	214249	493474	73.07%	11.106%
13	10.264	983	987	990	rBV2	4496	8452	1.25%	0.190%
14	10.797	1036	1041	1042	rBV3	3055	7096	1.05%	0.160%
15	10.826	1042	1044	1047	rVV2	7166	11648	1.72%	0.262%
16	11.368	1094	1099	1104	rVB4	5004	12492	1.85%	0.281%
17	11.506	1109	1113	1119	rBV	168369	302082	44.73%	6.799%
18	11.644	1124	1127	1130	rVB4	4885	10321	1.53%	0.232%
19	11.802	1139	1143	1147	rVV2	10889	23505	3.48%	0.529%
20	11.910	1151	1154	1159	rVB	21317	30316	4.49%	0.682%
21	12.108	1168	1174	1178	rVB	19809	33109	4.90%	0.745%
22	12.285	1189	1192	1195	rVB	23932	35958	5.32%	0.809%
23	12.384	1197	1202	1206	rBV3	4031	9606	1.42%	0.216%
24	12.512	1211	1215	1216	rBV	10104	14963	2.22%	0.337%
25	12.541	1216	1218	1224	rVB6	3770	8389	1.24%	0.189%
26	12.630	1224	1227	1230	rBV	191763	277290	41.06%	6.241%
27	12.689	1230	1233	1237	rVB	40193	60416	8.95%	1.360%
28	12.807	1241	1245	1247	rVV3	8684	16073	2.38%	0.362%
29	12.847	1247	1249	1252	rVV	8943	13887	2.06%	0.313%
30	12.906	1252	1255	1260	rVB	25444	47632	7.05%	1.072%
31	13.005	1263	1265	1268	rBV3	7527	13305	1.97%	0.299%
32	13.074	1270	1272	1276	rVB	14059	22148	3.28%	0.498%
33	13.162	1277	1281	1285	rBV	14918	36954	5.47%	0.832%
34	13.221	1285	1287	1293	rBV2	20922	44334	6.56%	0.998%

LSC Area Percent Report

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Acq On : 24 Aug 2018 10:32
Operator : VA/AP
Sample : J4594-01
Misc : 5.03g/5mL/MSVOA F/SOIL
ALS Vial : 57 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : 1-3-RO

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\82F082118S.M
Title : SW846 8260

35	13.300	1293	1295	1299	rVB2	13690	27794	4.12%	0.626%
36	13.448	1308	1310	1312	rBV3	9019	11498	1.70%	0.259%
37	13.488	1312	1314	1319	rVB	7196	12413	1.84%	0.279%
38	13.566	1319	1322	1324	rBV	10377	13516	2.00%	0.304%
39	13.606	1324	1326	1329	rVV	22617	35688	5.28%	0.803%
40	13.645	1329	1330	1332	rVV2	13602	14210	2.10%	0.320%
41	13.773	1340	1343	1346	rVV2	23464	34640	5.13%	0.780%
42	13.823	1346	1348	1350	rVB2	6175	7282	1.08%	0.164%
43	13.872	1350	1353	1355	rBV3	10645	14385	2.13%	0.324%
44	13.921	1355	1358	1362	rVV2	39350	84173	12.46%	1.894%
45	14.040	1366	1370	1373	rVB2	17884	29375	4.35%	0.661%
46	14.148	1376	1381	1383	rBV4	12996	23223	3.44%	0.523%
47	14.217	1383	1388	1391	rBV5	18823	41743	6.18%	0.939%
48	14.276	1391	1394	1399	rVB3	17720	39238	5.81%	0.883%
49	14.473	1411	1414	1417	rBV5	8167	16556	2.45%	0.373%
50	14.523	1417	1419	1421	rBV3	14939	22713	3.36%	0.511%
51	14.661	1427	1433	1436	rBV3	11532	22393	3.32%	0.504%
52	14.799	1444	1447	1450	rVB2	26679	39394	5.83%	0.887%
53	14.927	1456	1460	1465	rVB4	9943	28062	4.15%	0.632%
54	14.996	1465	1467	1470	rVB4	4395	6985	1.03%	0.157%
55	15.055	1470	1473	1477	rBV3	17870	40280	5.96%	0.907%
56	15.173	1481	1485	1488	rBV4	19160	35272	5.22%	0.794%
57	15.232	1488	1491	1496	rVB7	9672	23086	3.42%	0.520%
58	15.341	1496	1502	1505	rBV8	8126	21919	3.25%	0.493%
59	15.400	1505	1508	1511	rBV5	9094	20753	3.07%	0.467%
60	15.469	1513	1515	1517	rVB3	6621	9038	1.34%	0.203%
61	15.627	1529	1531	1533	rBV3	6841	7404	1.10%	0.167%
62	15.705	1537	1539	1544	rVB3	13583	24925	3.69%	0.561%
63	15.893	1555	1558	1561	rBV4	8272	19286	2.86%	0.434%
64	16.011	1567	1570	1573	rBV5	5415	14448	2.14%	0.325%

Sum of corrected areas: 4443338

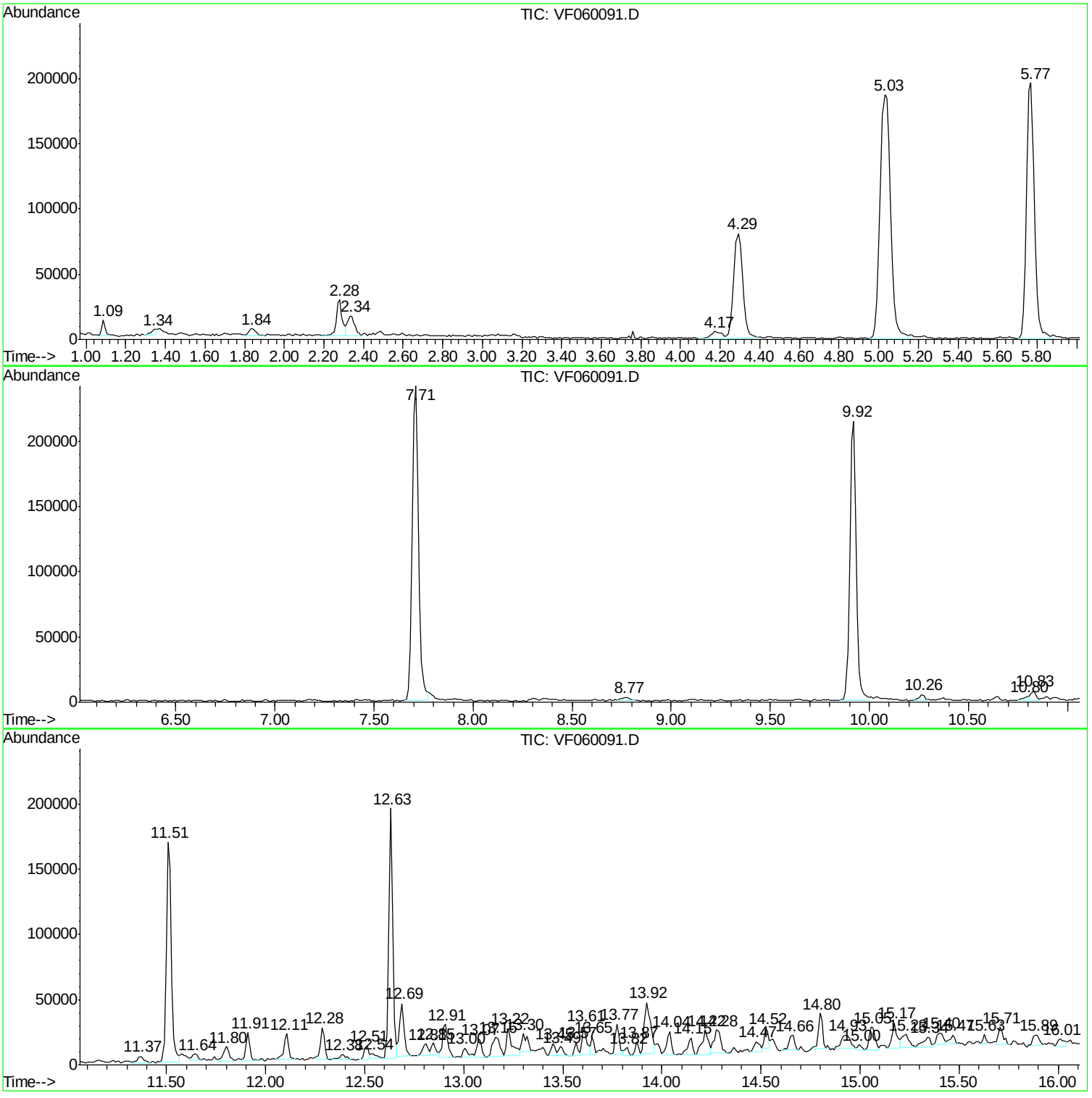
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF082318\
Data File : VF060091.D
Acq On : 24 Aug 2018 10:32
Operator : VA/AP
Sample : J4594-01
Misc : 5.03g/5mL/MSVOA_F/SOIL
ALS Vial : 57 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : 1-3-RO

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.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\VF082318\
Data File : VF060091.D
Acq On : 24 Aug 2018 10:32
Operator : VA/AP
Sample : J4594-01
Misc : 5.03g/5mL/MSVOA F/SOIL
ALS Vial : 57 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : 1-3-RO

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260

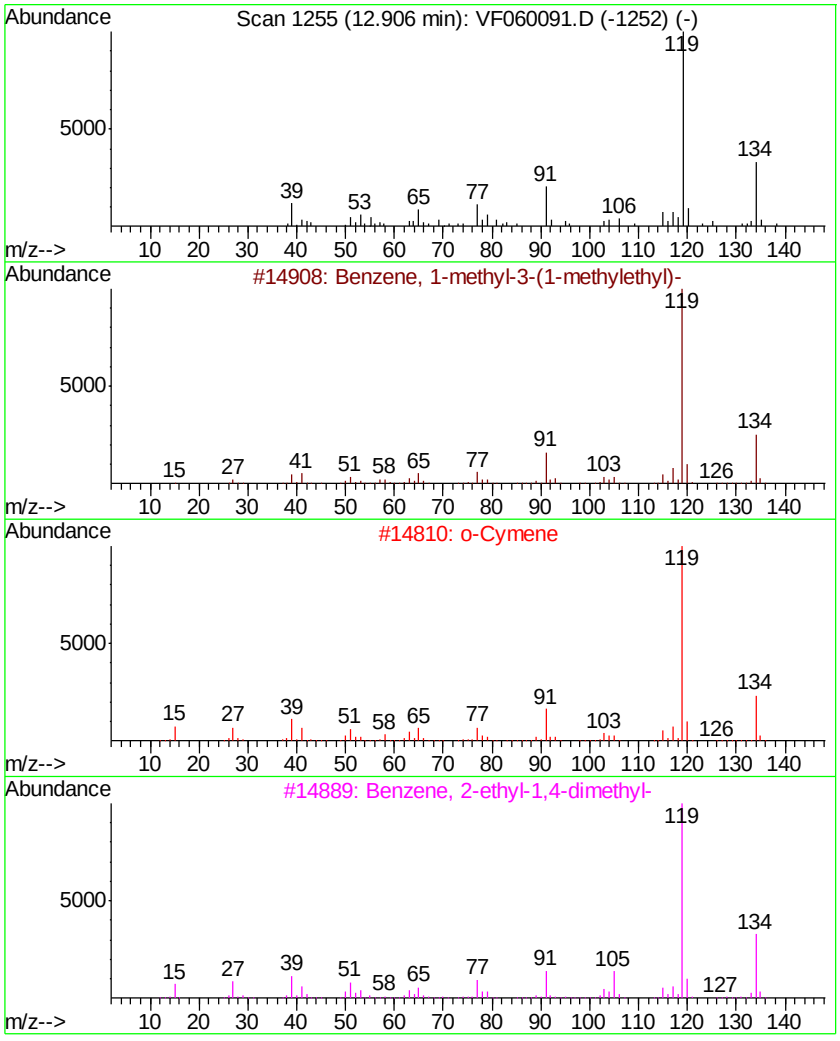
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

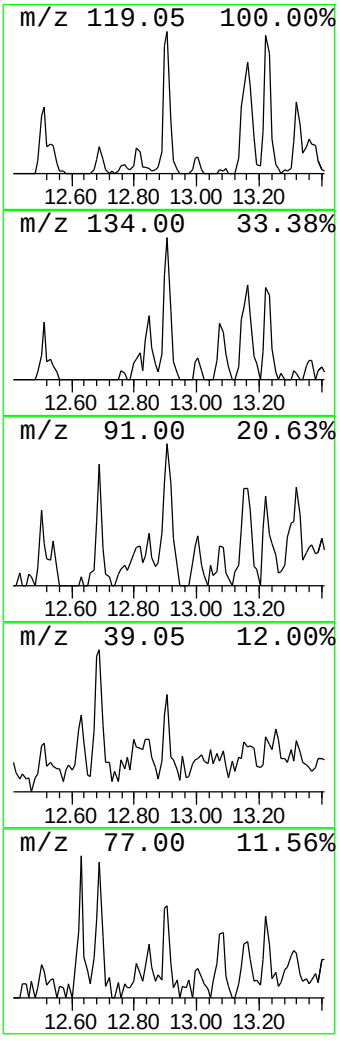
****

Peak Number 2 Benzene, 1-methyl-3-(1-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	8.59 ug/l	47632	1,4-Dichlorobenzene-d4	12.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
2	o-Cymene	134	C10H14	000527-84-4	91
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	p-Cymene	134	C10H14	000099-87-6	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082318\
Data File : VF060091.D
Acq On : 24 Aug 2018 10:32
Operator : VA/AP
Sample : J4594-01
Misc : 5.03g/5mL/MSVOA F/SOIL
ALS Vial : 57 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : 1-3-RO

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260

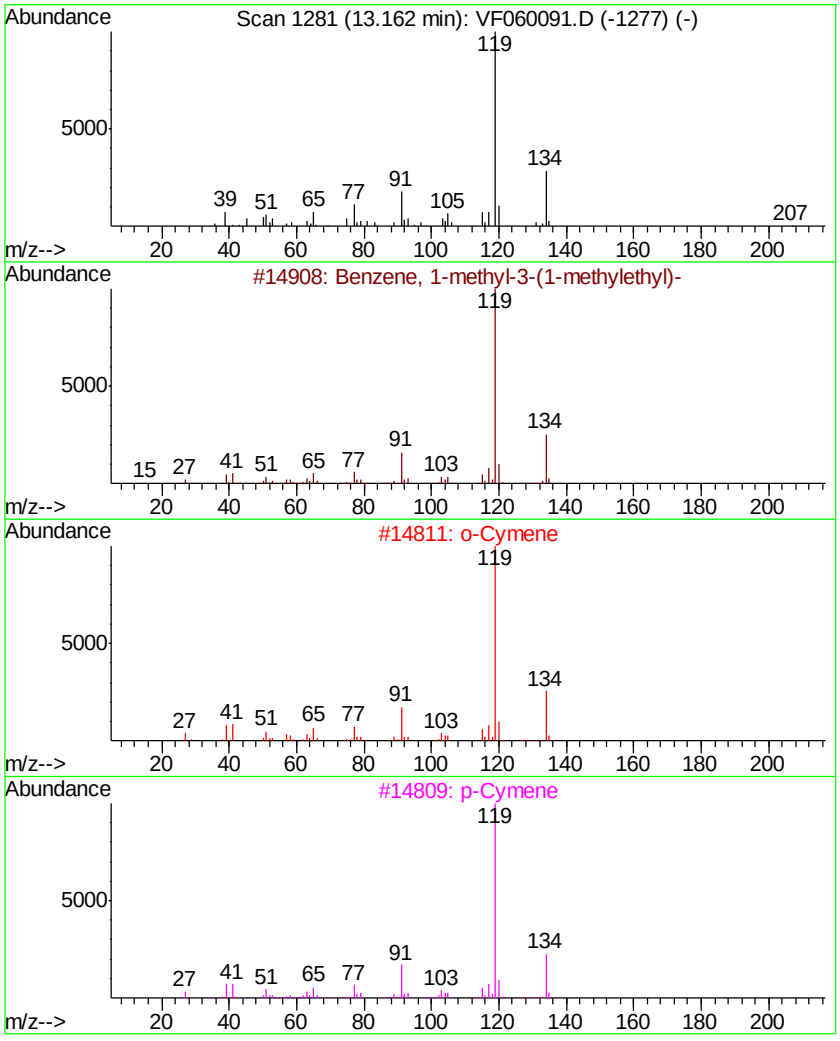
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

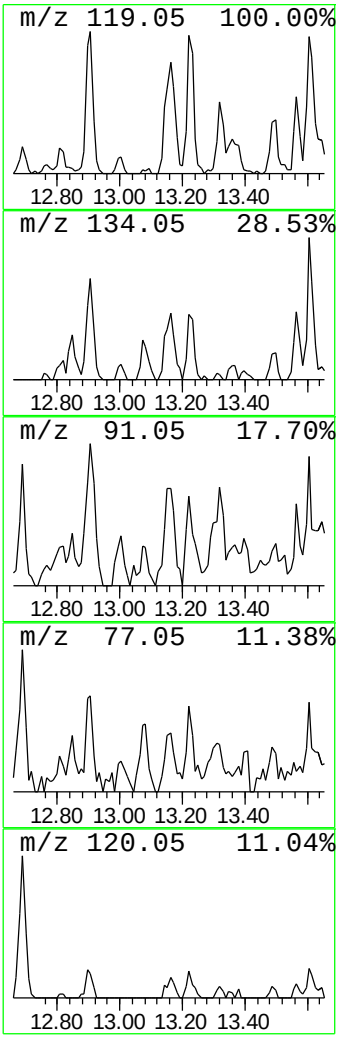
****

Peak Number 3 o-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	6.66 ug/l	36954	1,4-Dichlorobenzene-d4	12.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2	o-Cymene	134	C10H14	000527-84-4	94
3	p-Cymene	134	C10H14	000099-87-6	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082318\
Data File : VF060091.D
Acq On : 24 Aug 2018 10:32
Operator : VA/AP
Sample : J4594-01
Misc : 5.03g/5mL/MSVOA F/SOIL
ALS Vial : 57 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : 1-3-RO

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260

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

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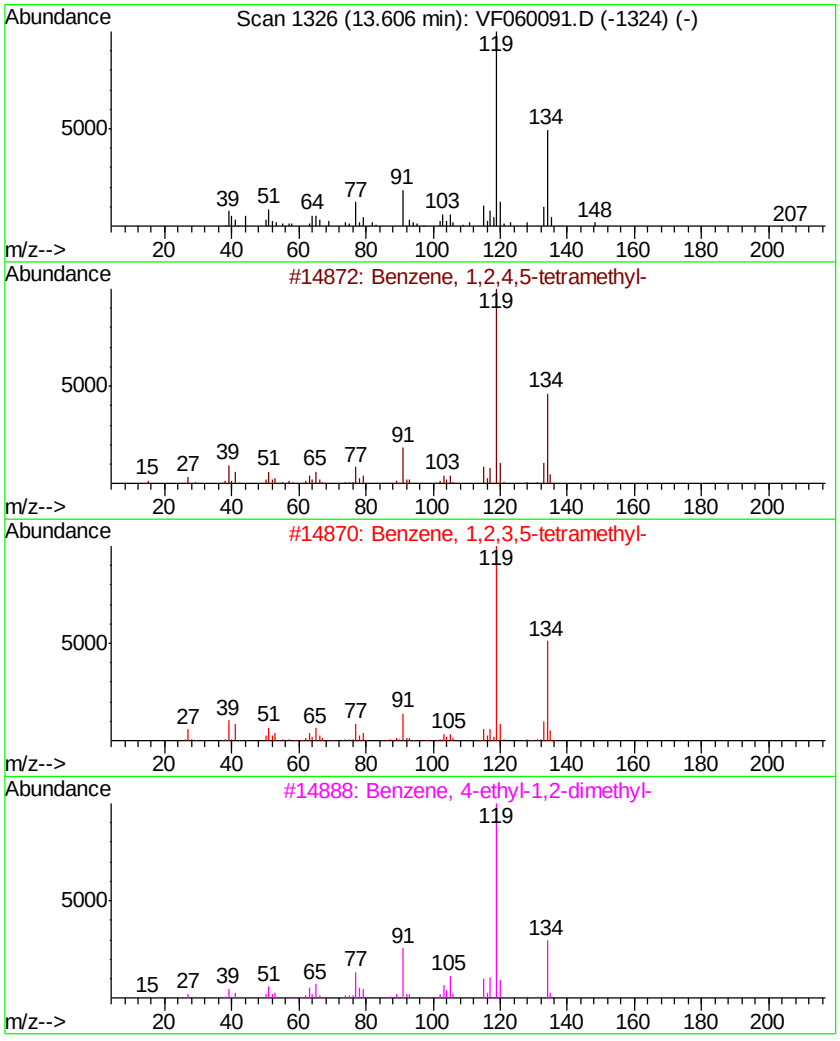
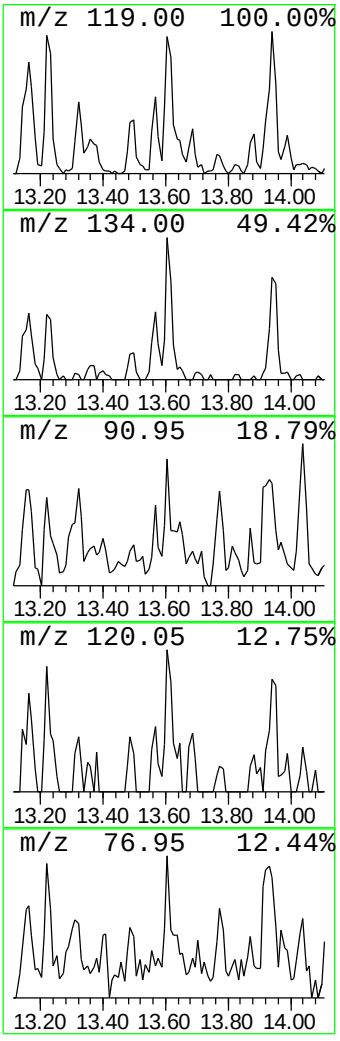
Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	6.44 ug/l	35688	1,4-Dichlorobenzene-d4	12.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082318\
Data File : VF060091.D
Acq On : 24 Aug 2018 10:32
Operator : VA/AP
Sample : J4594-01
Misc : 5.03g/5mL/MSVOA F/SOIL
ALS Vial : 57 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : 1-3-RO

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260

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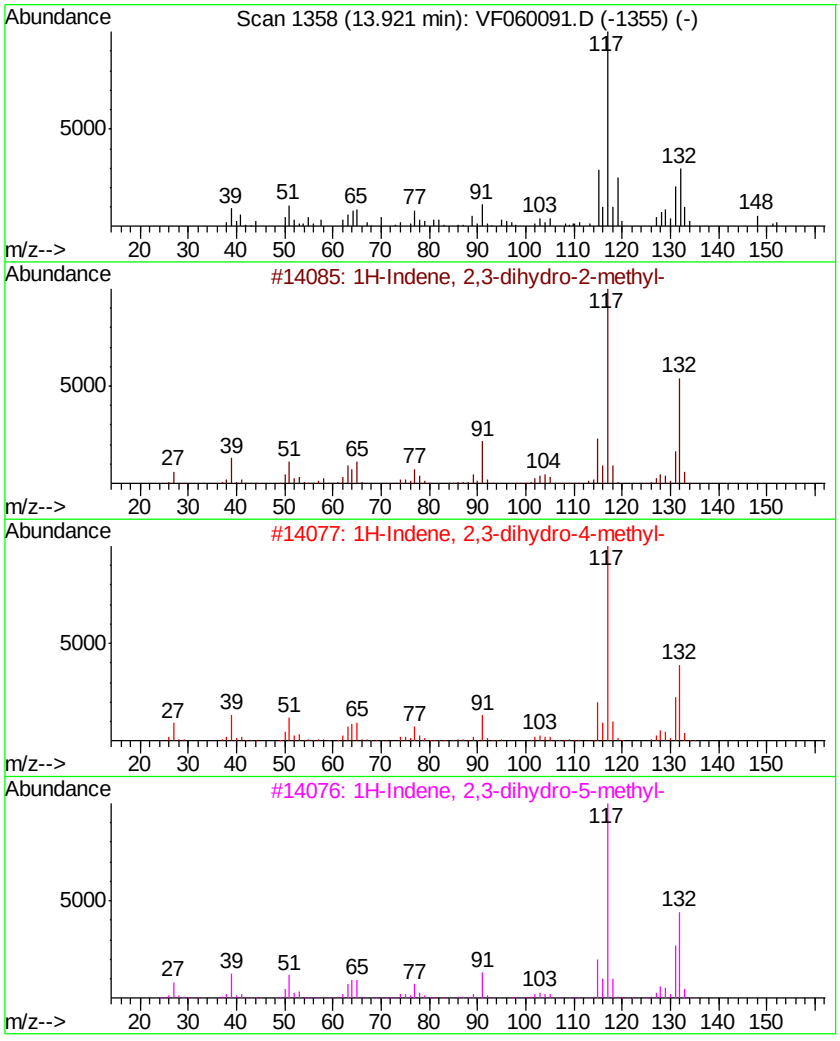
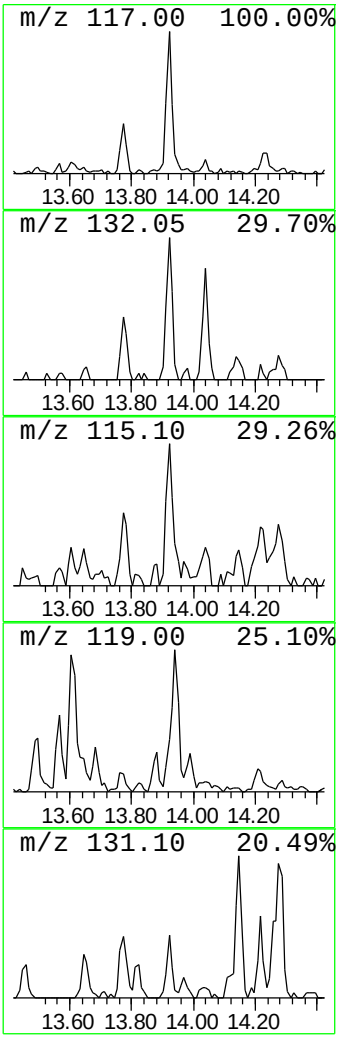
****

Peak Number 6 1H-Indene, 2,3-dihydro-2-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	15.18 ug/l	84173	1,4-Dichlorobenzene-d4	12.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	76
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	59
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	58





Library Search Compound Report

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ALS Vial : 57 Sample Multiplier: 1

Instrument : MSVOA_F
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260

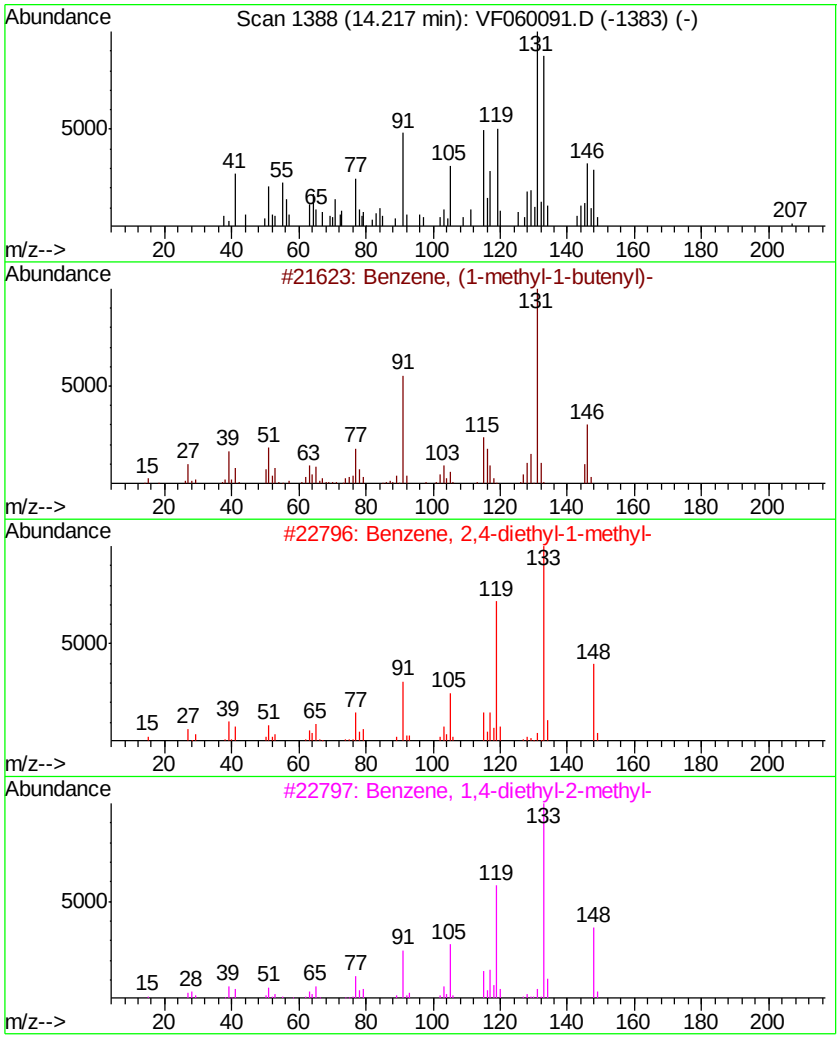
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

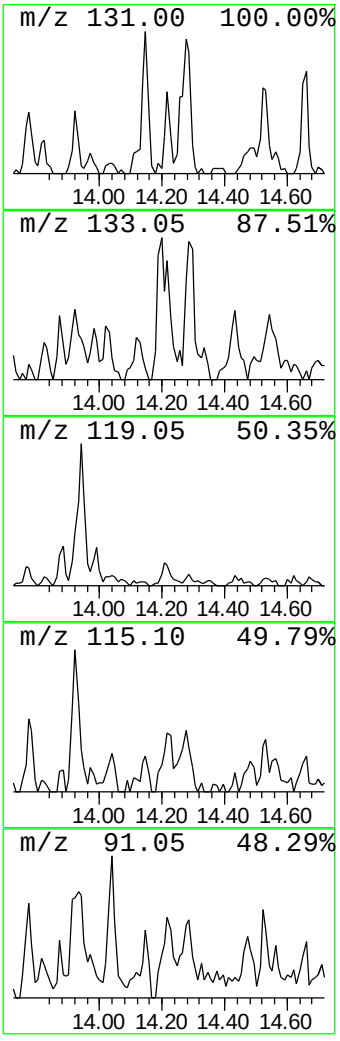
****

Peak Number 7 Benzene, (1-methyl-1-butenyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	7.53 ug/l	41743	1,4-Dichlorobenzene-d4	12.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	86
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	45
3	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	45
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	42
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	38





Library Search Compound Report

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Operator : VA/AP
Sample : J4594-01
Misc : 5.03g/5mL/MSVOA F/SOIL
ALS Vial : 57 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : 1-3-RO

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260

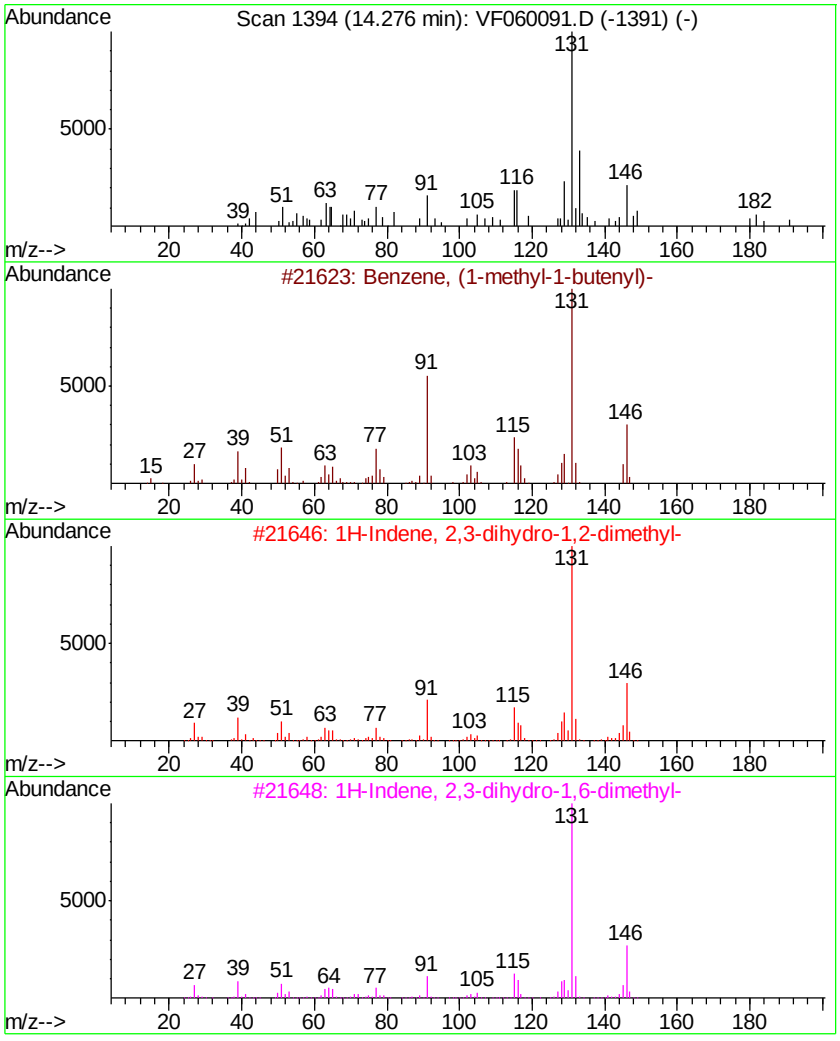
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

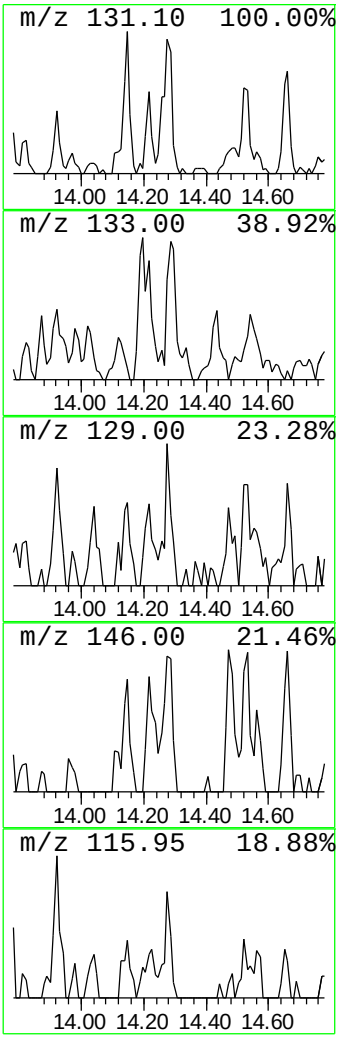
****

Peak Number 8 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	7.08 ug/l	39238	1,4-Dichlorobenzene-d4	12.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	58
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	53
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	52
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	50
5	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	49





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082318\
Data File : VF060091.D
Acq On : 24 Aug 2018 10:32
Operator : VA/AP
Sample : J4594-01
Misc : 5.03g/5mL/MSVOA F/SOIL
ALS Vial : 57 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : 1-3-RO

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260

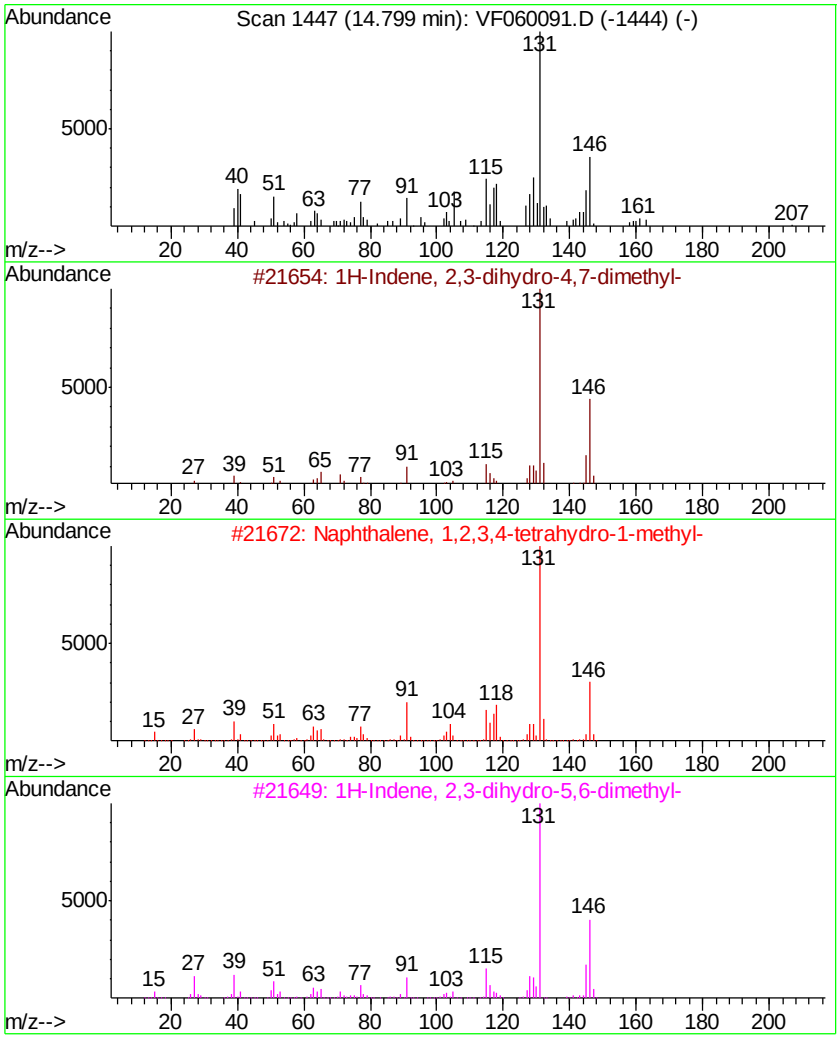
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

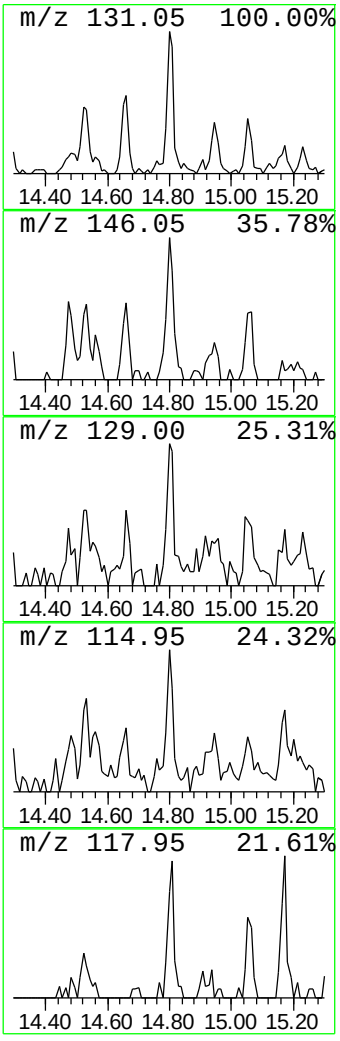
****

Peak Number 9 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	7.10 ug/l	39394	1,4-Dichlorobenzene-d4	12.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	68
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	58
4	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	52
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082318\
Data File : VF060091.D
Acq On : 24 Aug 2018 10:32
Operator : VA/AP
Sample : J4594-01
Misc : 5.03g/5mL/MSVOA F/SOIL
ALS Vial : 57 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : 1-3-RO

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260

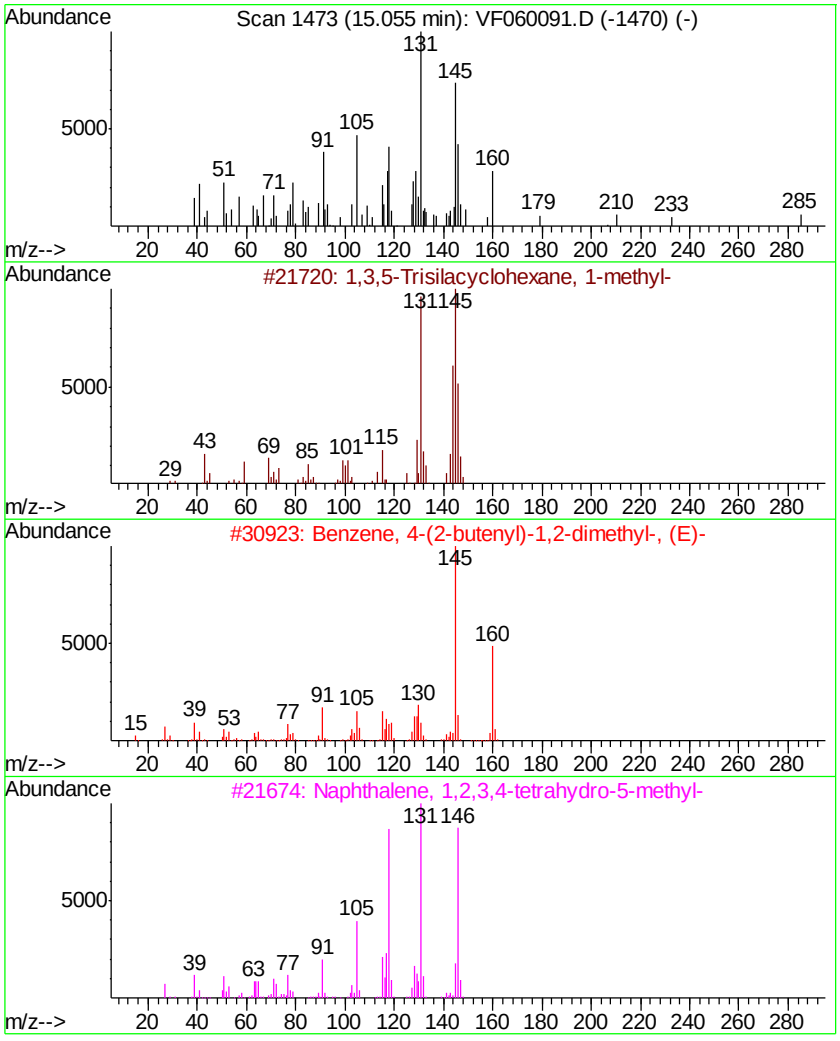
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

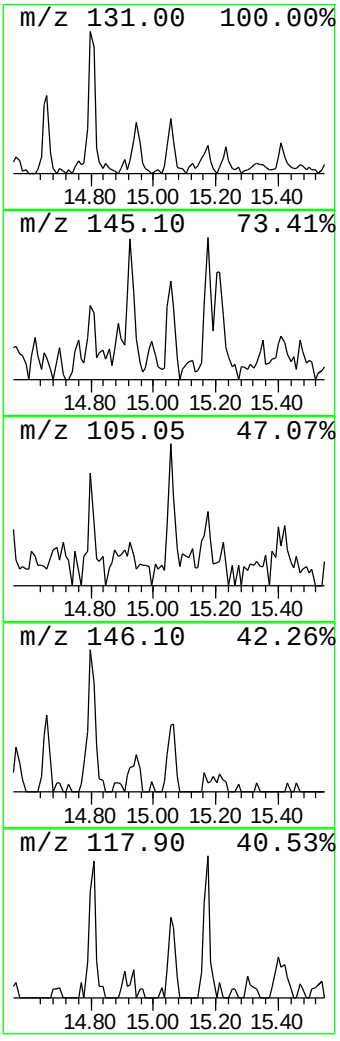
****

Peak Number 10 1,3,5-Trisilacyclohexane, 1... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	7.26 ug/l	40280	1,4-Dichlorobenzene-d4	12.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Trisilacyclohexane, 1-methyl-	146	C4H14Si3	018148-11-3	52
2	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	49
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	49
4	2-(2-Hydroxyphenyl)buta-1,3-diene	146	C10H10O	038865-47-3	46
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF082318\
Data File : VF060091.D
Acq On : 24 Aug 2018 10:32
Operator : VA/AP
Sample : J4594-01
Misc : 5.03g/5mL/MSVOA_F/SOIL
ALS Vial : 57 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : 1-3-RO

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.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
Benzene, 1-methyl...	12.91	8.6	ug/l	47632	4	12.63	277290	50.0
o-Cymene	13.16	6.7	ug/l	36954	4	12.63	277290	50.0
Benzene, 1,2,4,5-...	13.61	6.4	ug/l	35688	4	12.63	277290	50.0
1H-Indene, 2,3-di...	13.92	15.2	ug/l	84173	4	12.63	277290	50.0
Benzene, (1-methy...	14.22	7.5	ug/l	41743	4	12.63	277290	50.0
1H-Indene, 2,3-di...	14.28	7.1	ug/l	39238	4	12.63	277290	50.0
1H-Indene, 2,3-di...	14.80	7.1	ug/l	39394	4	12.63	277290	50.0
1,3,5-Trisilacycl...	15.05	7.3	ug/l	40280	4	12.63	277290	50.0