

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF050719\
 Data File : VF062362.D
 Acq On : 7 May 2019 17:25
 Operator : FY/SY
 Sample : K2635-07
 Misc : 6.26g/5mL/MSVOA F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 AU-05-050219-D

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.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	1.117	55	59	62	rBV3	15456	39743	3.18%	0.425%
2	2.270	174	176	179	rBV4	8898	14136	1.13%	0.151%
3	2.339	179	183	192	rVB4	27698	85253	6.83%	0.911%
4	4.202	367	372	374	rBV4	8797	19524	1.56%	0.209%
5	4.291	375	381	391	rVB	179410	538252	43.10%	5.750%
6	5.030	449	456	466	rBV2	380749	1248720	100.00%	13.341%
7	5.759	524	530	540	rVV	389734	989920	79.27%	10.576%
8	6.361	589	591	593	rBV	19299	14513	1.16%	0.155%
9	7.701	721	727	735	rBV	384720	904007	72.39%	9.658%
10	9.899	945	950	958	rBV	464114	997013	79.84%	10.652%
11	10.826	1040	1044	1046	rBV5	13242	23364	1.87%	0.250%
12	10.915	1052	1053	1057	rVB	51566	37768	3.02%	0.403%
13	11.200	1079	1082	1086	rBV6	9694	28955	2.32%	0.309%
14	11.348	1093	1097	1100	rBV6	19594	56242	4.50%	0.601%
15	11.486	1107	1111	1116	rVB	456072	744098	59.59%	7.950%
16	11.624	1123	1125	1127	rVB2	23232	29629	2.37%	0.317%
17	12.196	1179	1183	1184	rBV3	25311	46215	3.70%	0.494%
18	12.600	1221	1224	1234	rVB	692064	1131132	90.58%	12.085%
19	12.866	1250	1251	1253	rBV2	27633	39426	3.16%	0.421%
20	12.985	1260	1263	1272	rVB6	37322	136223	10.91%	1.455%
21	13.477	1305	1313	1321	rVB3	117935	528200	42.30%	5.643%
22	13.596	1322	1325	1326	rBV3	23970	38239	3.06%	0.409%
23	13.684	1331	1334	1347	rVB9	51500	270777	21.68%	2.893%
24	13.882	1347	1354	1362	rVB5	36125	177678	14.23%	1.898%
25	14.010	1362	1367	1372	rBV2	28884	87386	7.00%	0.934%
26	14.108	1372	1377	1380	rBV4	31773	98631	7.90%	1.054%
27	14.355	1397	1402	1409	rVB2	55018	186795	14.96%	1.996%
28	14.483	1413	1415	1417	rBV2	12152	13759	1.10%	0.147%
29	14.631	1427	1430	1434	rVB2	37269	56934	4.56%	0.608%
30	14.769	1441	1444	1448	rVB4	19790	42200	3.38%	0.451%
31	15.035	1466	1471	1478	rBV6	25930	77661	6.22%	0.830%
32	15.134	1478	1481	1484	rVV5	8885	18927	1.52%	0.202%
33	15.193	1484	1487	1493	rVB5	30967	99683	7.98%	1.065%
34	15.301	1493	1498	1501	rBV3	33604	67633	5.42%	0.723%

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ClientSampleId :
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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

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35	15.429	1508	1511	1518	rVB	68914	126871	10.16%	1.355%
36	15.587	1521	1527	1529	rBV2	55364	89127	7.14%	0.952%
37	15.626	1529	1531	1532	rVV2	10358	14039	1.12%	0.150%
38	15.666	1533	1535	1539	rVB2	24172	42731	3.42%	0.457%
39	15.735	1539	1542	1545	rBV4	20355	33725	2.70%	0.360%
40	15.843	1549	1553	1556	rBV5	26015	51300	4.11%	0.548%
41	16.021	1568	1571	1575	rVB	66791	113689	9.10%	1.215%

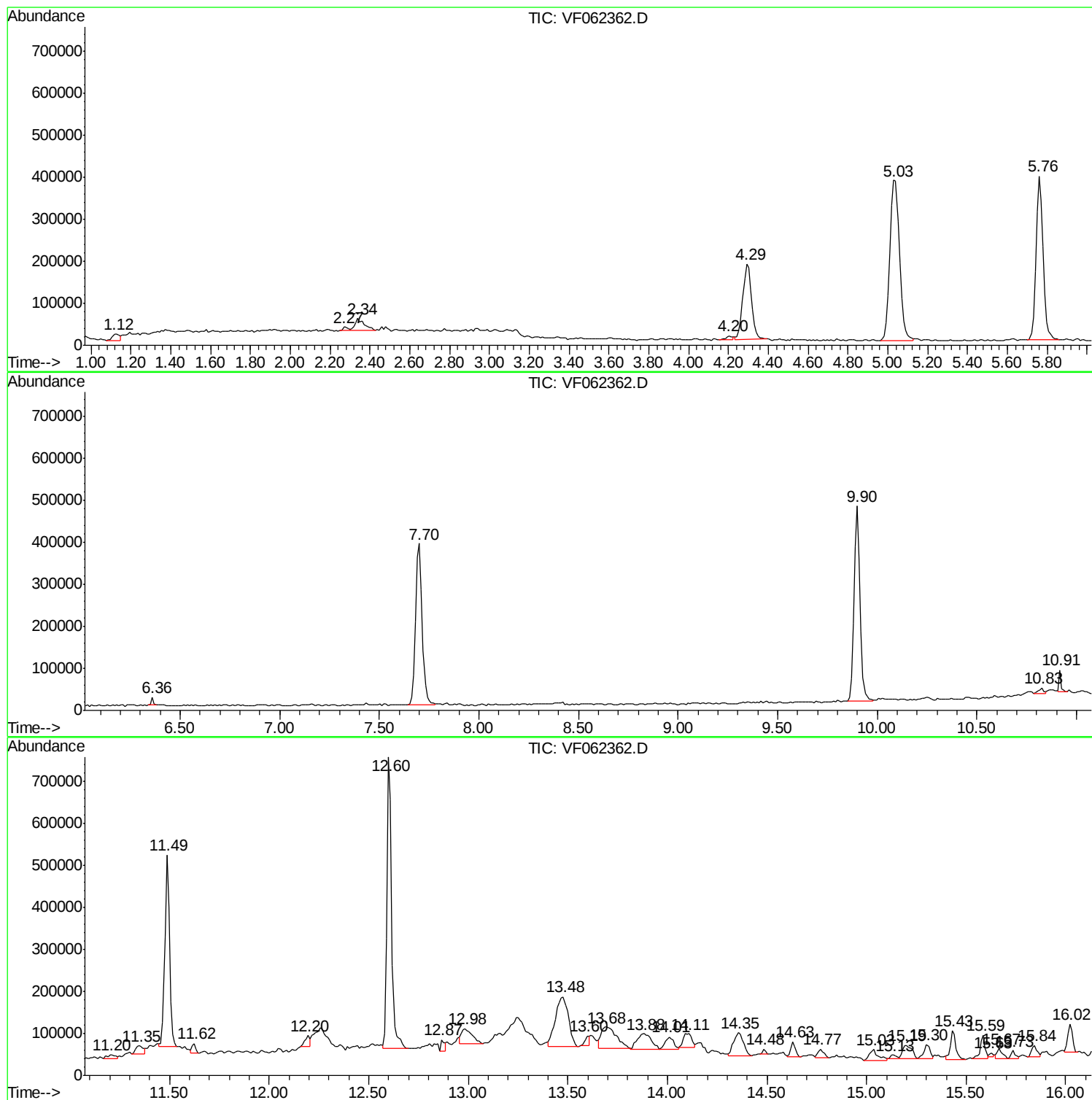
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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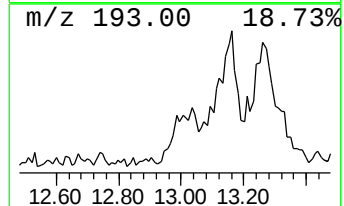
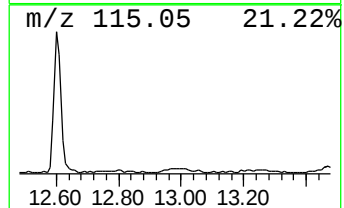
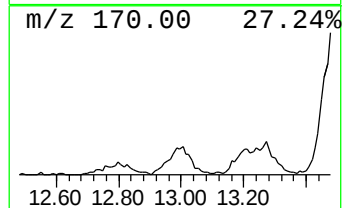
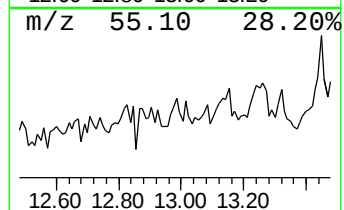
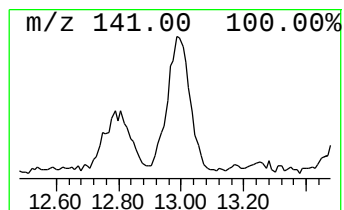
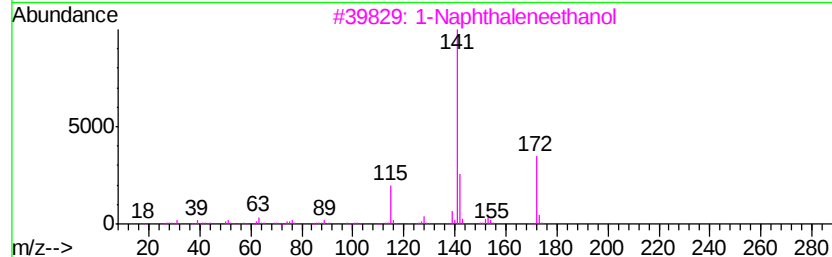
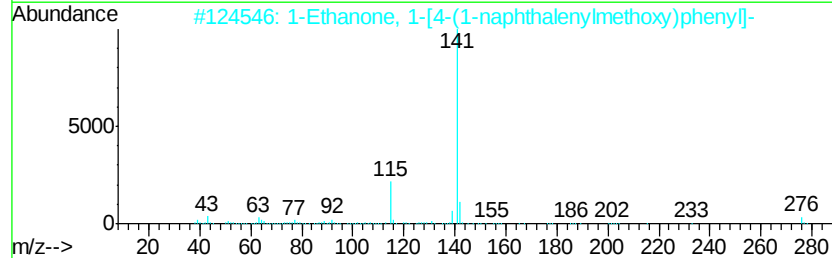
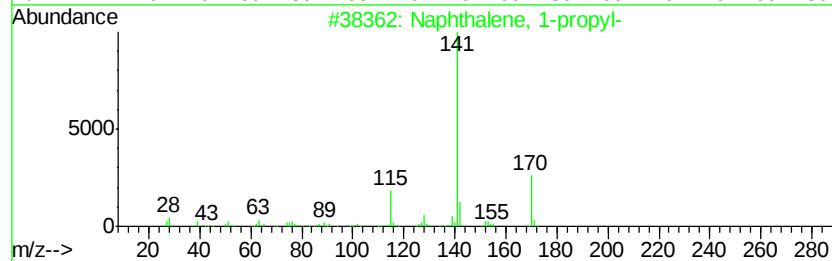
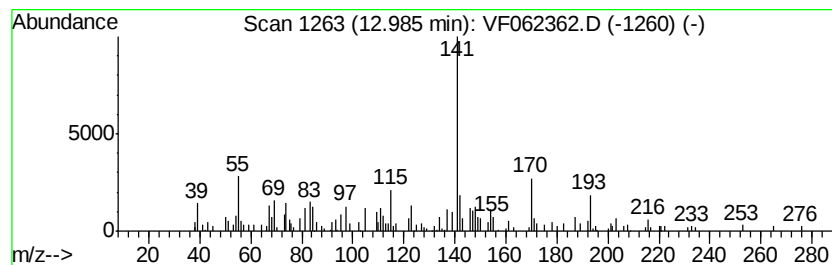
Instrument :
MSVOA_F
ClientSampled :
AU-05-050219-D

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, 1-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.98	6.02 ug/l	136223	1,4-Dichlorobenzene-d4	12.60	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-propyl-	170	C13H14	002765-18-6	52
2	1-Ethanone, 1-[4-(1-naphthalenyl)-2-propenyl]	276	C19H16O2	1000338-30-5	43
3	1-Naphthaleneethanol	172	C12H12O	000773-99-9	43
4	2-Amino-3-naphthalen-2-ylpropionitrile	215	C13H13NO2	099631-78-4	43
5	2-Naphthaleneethanol	172	C12H12O	001485-07-0	43



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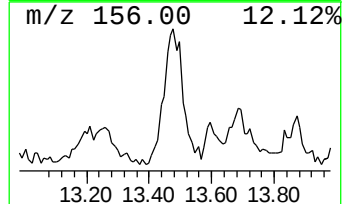
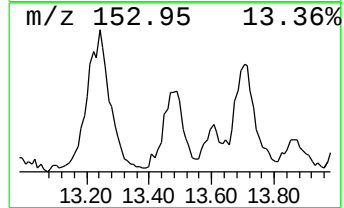
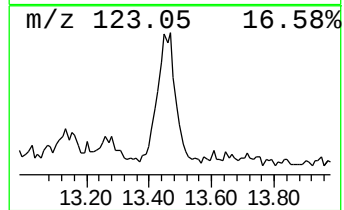
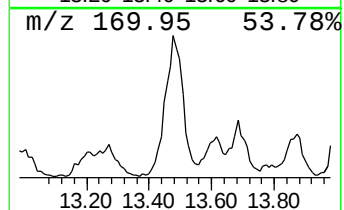
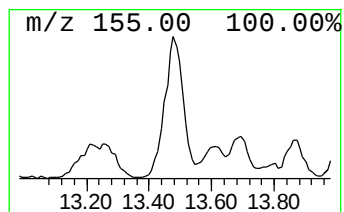
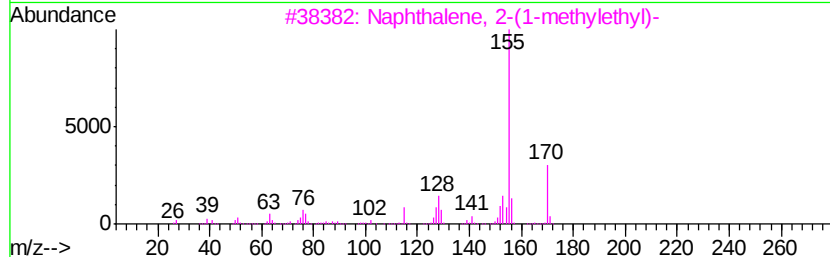
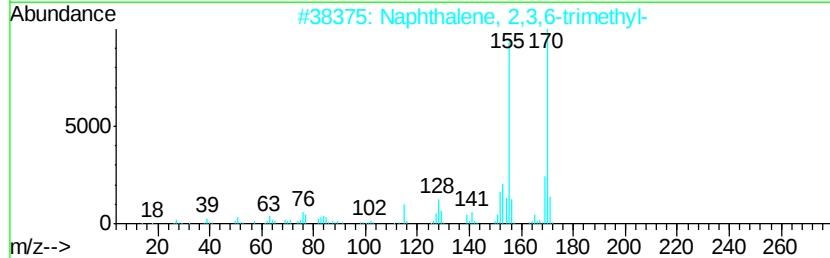
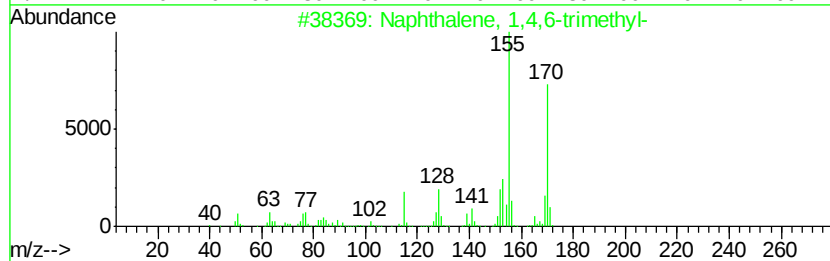
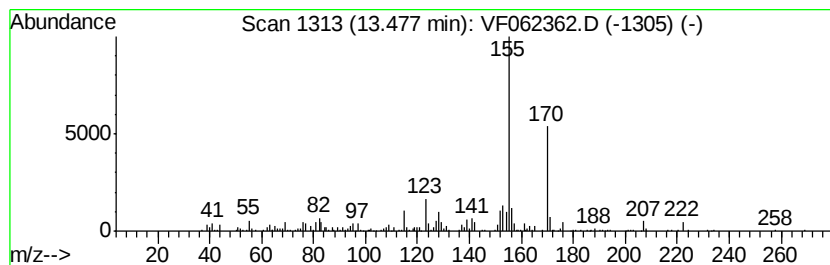
Instrument :
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TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 1,4,6-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	23.35 ug/l	528200	1,4-Dichlorobenzene-d4	12.60
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 96
2		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 93
3		Naphthalene, 2-(1-methylethyl)-	170 C13H14	002027-17-0 90
4		Naphthalene, 1-(1-methylethyl)-	170 C13H14	006158-45-8 70
5		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 70



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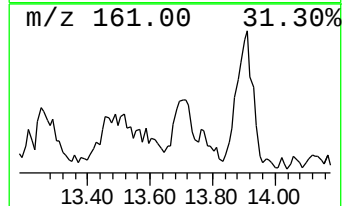
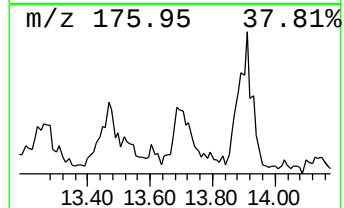
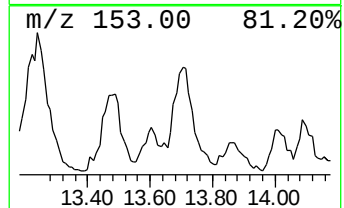
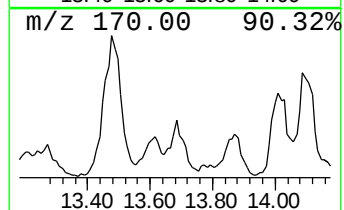
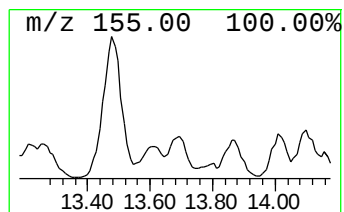
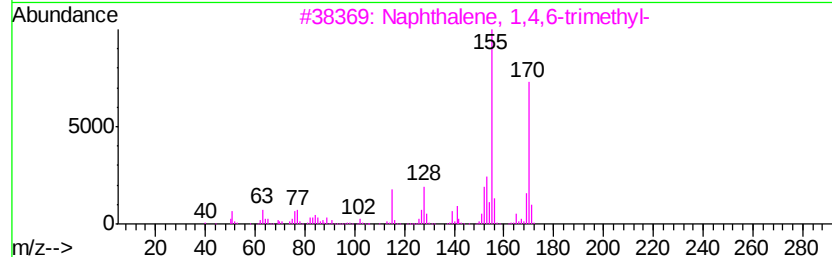
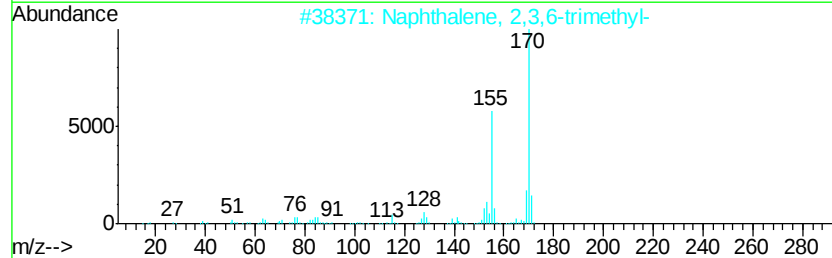
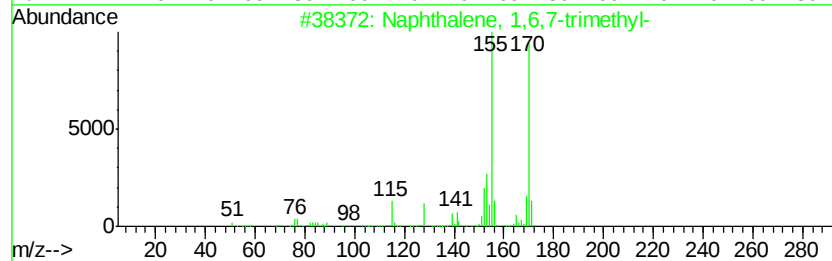
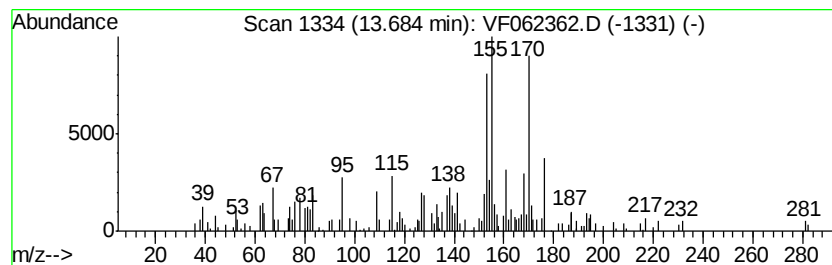
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1,6,7-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	11.97 ug/l	270777	1,4-Dichlorobenzene-d4	12.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	50
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	50
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	50
4		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	41
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	38



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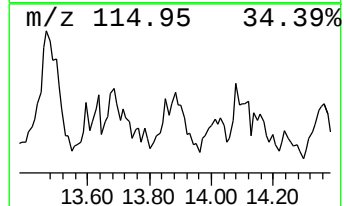
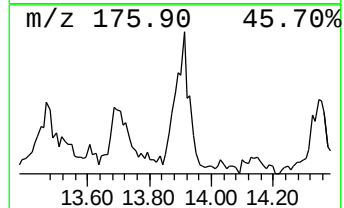
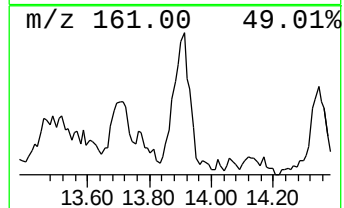
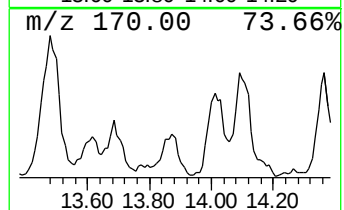
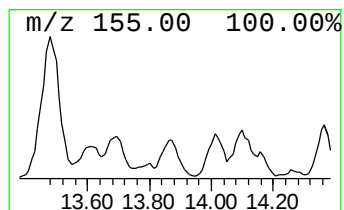
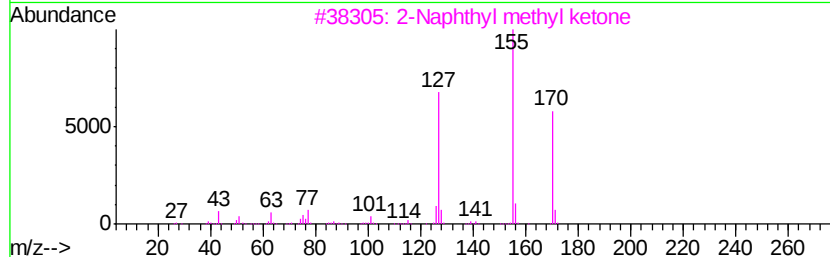
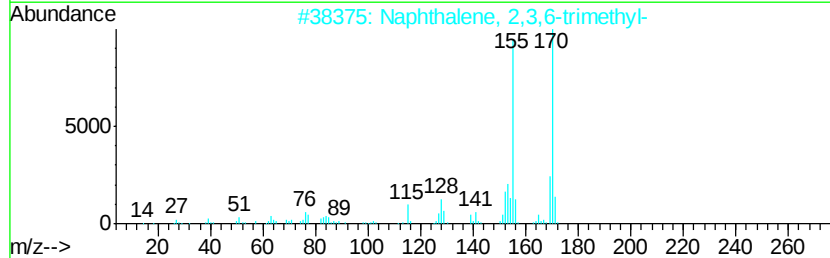
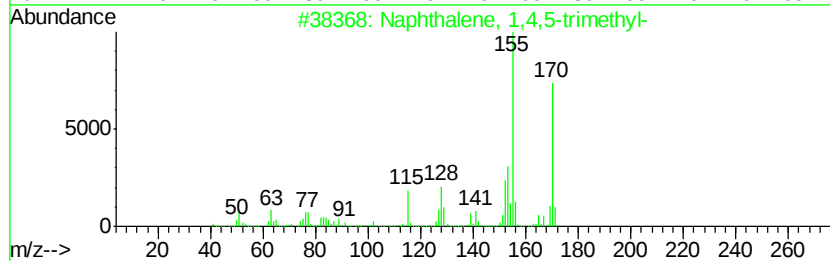
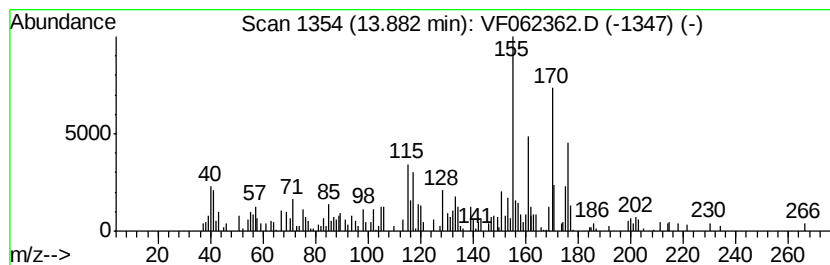
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,4,5-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	7.85 ug/l	177678	1,4-Dichlorobenzene-d4	12.60
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,4,5-trimethyl-	170 C13H14	002131-41-1 43
2		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 43
3		2-Naphthyl methyl ketone	170 C12H10O	000093-08-3 38
4		Ethanone, 1-(1-Naphthalenyl)-	170 C12H10O	000941-98-0 38
5		1-(2,2-Dimethylcyclopropyl)-2-ph...	170 C13H14	1000294-91-1 35



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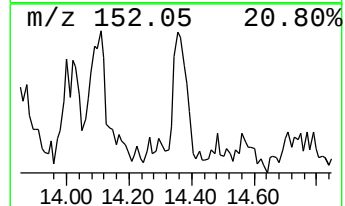
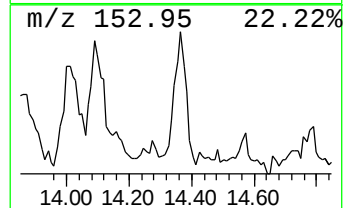
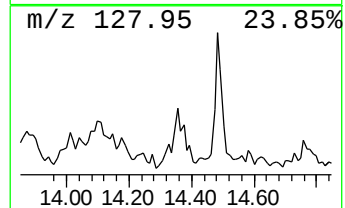
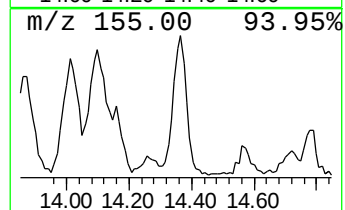
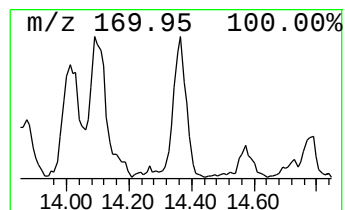
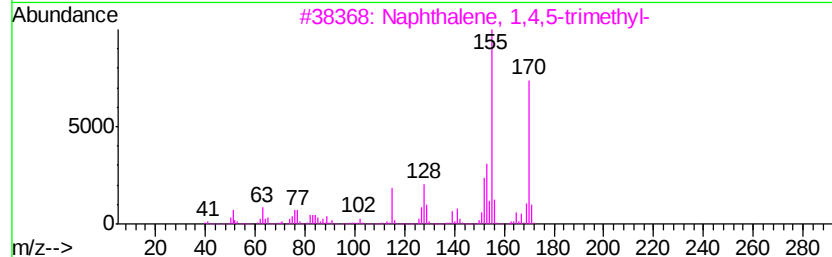
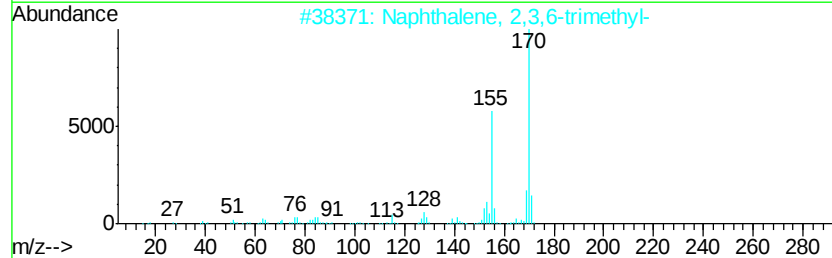
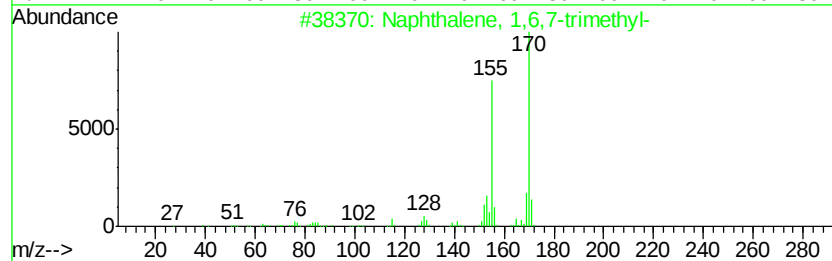
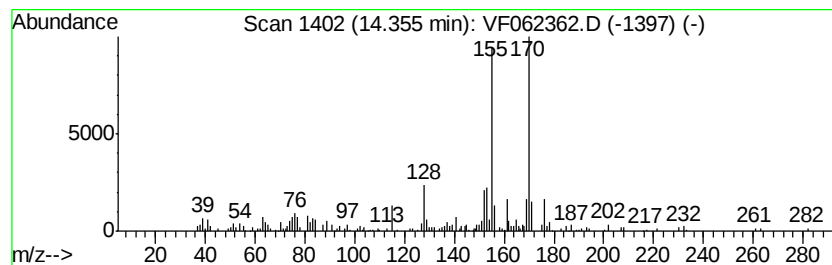
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Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 2,3,6-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	8.26 ug/l	186795	1,4-Dichlorobenzene-d4	12.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
3		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	87
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF050719\
Data File : VF062362.D
Acq On : 7 May 2019 17:25
Operator : FY/SY
Sample : K2635-07
Misc : 6.26g/5mL/MSVOA F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
AU-05-050219-D

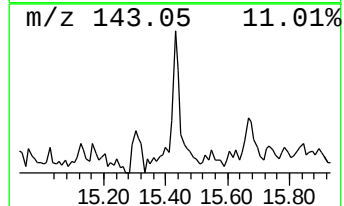
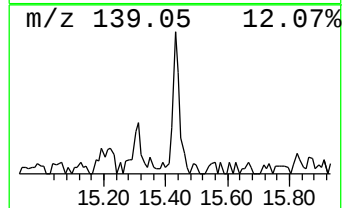
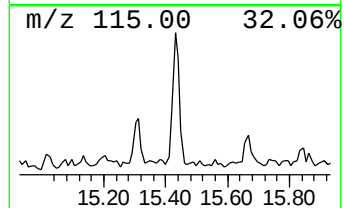
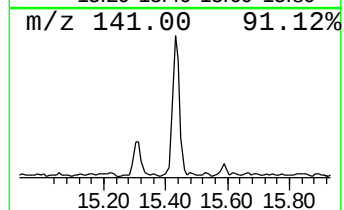
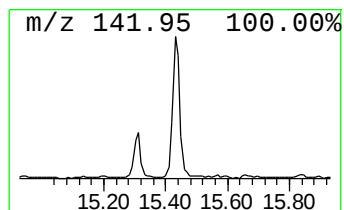
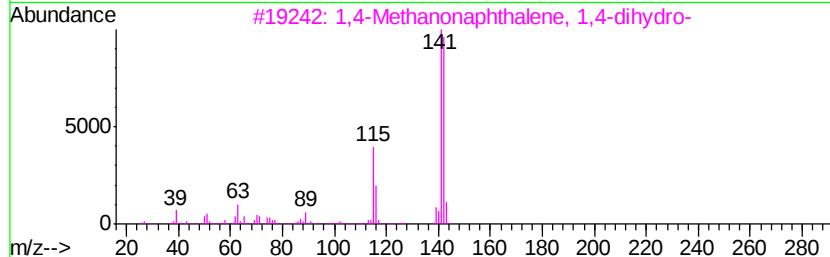
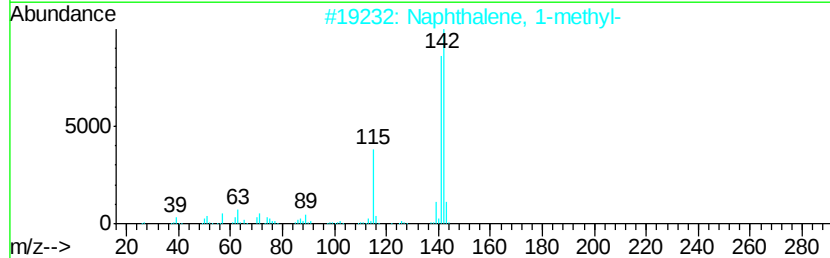
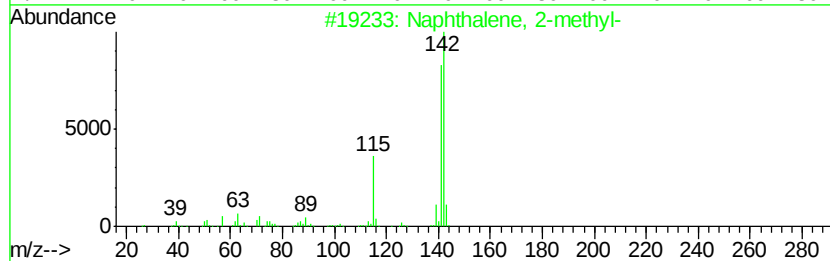
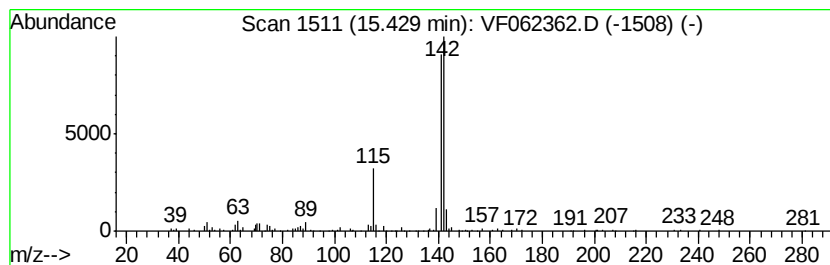
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Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	5.61 ug/l	126871	1,4-Dichlorobenzene-d4	12.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	94
4		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF050719\
Data File : VF062362.D
Acq On : 7 May 2019 17:25
Operator : FY/SY
Sample : K2635-07
Misc : 6.26g/5mL/MSVOA F/SOIL
ALS Vial : 16 Sample Multiplier: 1

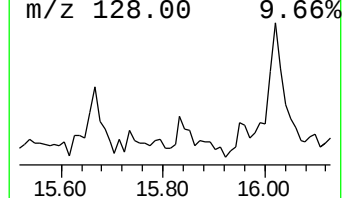
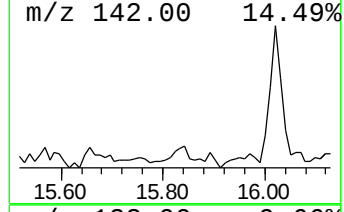
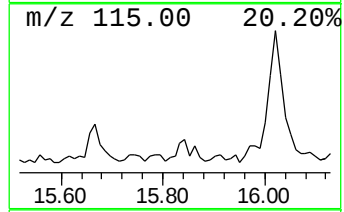
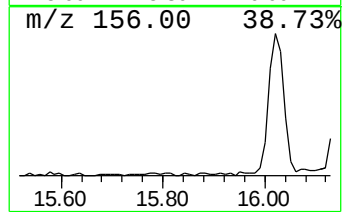
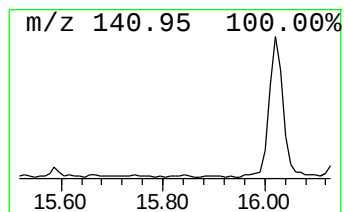
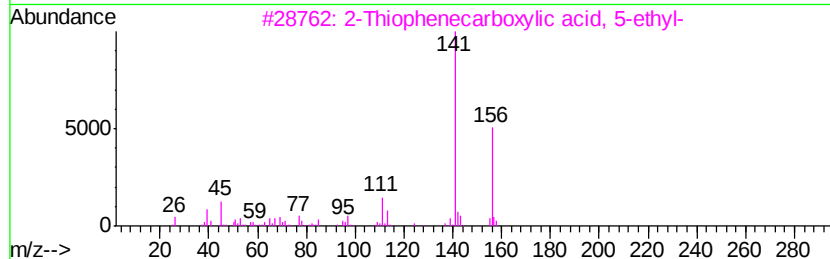
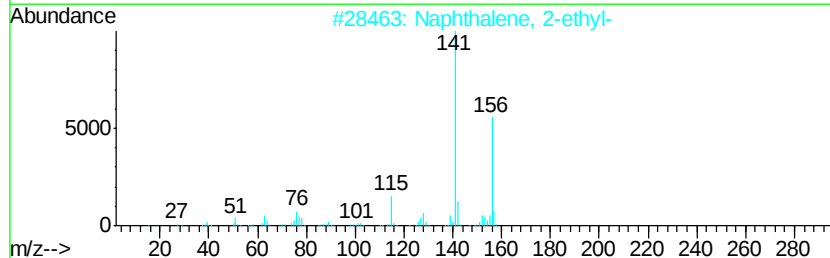
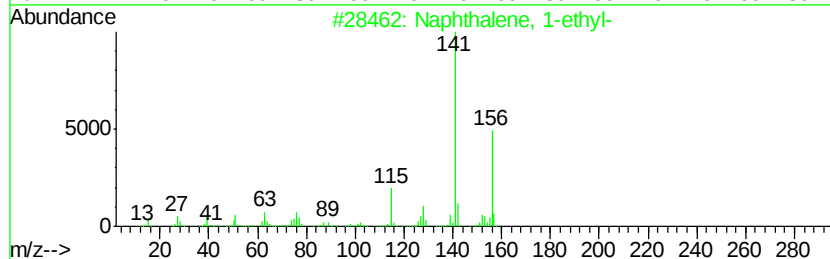
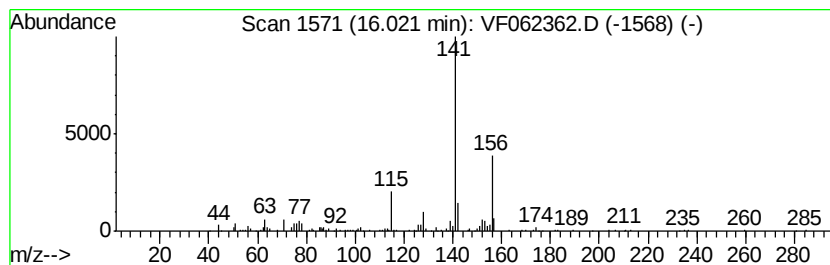
Instrument :
MSVOA_F
ClientSampleID :
AU-05-050219-D

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	5.03 ug/l	113689	1,4-Dichlorobenzene-d4	12.60
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 94
2		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 94
3		2-Thiophenecarboxylic acid, 5-ethyl-	156 C7H8O2S	023229-72-3 64
4		Naphthalene, 1-propyl-	170 C13H14	002765-18-6 59
5		Naphthalene, 2-butyl-	184 C14H16	001134-62-9 53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF050719\
Data File : VF062362.D
Acq On : 7 May 2019 17:25
Operator : FY/SY
Sample : K2635-07
Misc : 6.26g/5mL/MSVOA_F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
AU-05-050219-D

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1-pr...	12.98	6.0	ug/l	136223	4	12.60	1131130	50.0
Naphthalene, 1,4,...	13.48	23.4	ug/l	528200	4	12.60	1131130	50.0
Naphthalene, 1,6,...	13.68	12.0	ug/l	270777	4	12.60	1131130	50.0
Naphthalene, 1,4,...	13.88	7.8	ug/l	177678	4	12.60	1131130	50.0
Naphthalene, 2,3,...	14.35	8.3	ug/l	186795	4	12.60	1131130	50.0
Naphthalene, 2-me...	15.43	5.6	ug/l	126871	4	12.60	1131130	50.0
Naphthalene, 1-et...	16.02	5.0	ug/l	113689	4	12.60	1131130	50.0