

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080218\
 Data File : VF059832.D
 Acq On : 3 Aug 2018 11:29
 Operator : VA/AP
 Sample : J4267-13
 Misc : 5.02g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 UST-W

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_F\METHODS\82F073018S.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	1.101	55	58	61	rVB3	9161	14996	1.29%	0.111%
2	1.358	79	84	85	rBV5	6466	12520	1.07%	0.093%
3	2.274	173	177	178	rBV3	11450	20095	1.72%	0.149%
4	2.324	179	182	187	rVB5	9103	24362	2.09%	0.180%
5	4.196	365	372	376	rBV	32486	106759	9.16%	0.791%
6	4.285	376	381	391	rVB	150597	447186	38.35%	3.312%
7	5.024	447	456	472	rBV2	346450	1166001	100.00%	8.637%
8	5.754	523	530	544	rBV	302219	810234	69.49%	6.002%
9	7.459	701	703	706	rBV	15734	13639	1.17%	0.101%
10	7.706	723	728	733	rBV	63885	155258	13.32%	1.150%
11	8.346	788	793	797	rBV6	6267	16139	1.38%	0.120%
12	8.534	806	812	814	rBV4	4741	12300	1.05%	0.091%
13	8.593	814	818	829	rVB8	7076	28538	2.45%	0.211%
14	8.760	829	835	844	rBV	30521	92312	7.92%	0.684%
15	8.977	852	857	864	rVB4	8711	26692	2.29%	0.198%
16	9.105	864	870	874	rBV5	16683	44480	3.81%	0.329%
17	9.243	879	884	890	rVB6	4500	15711	1.35%	0.116%
18	9.549	906	915	920	rBV6	7151	26029	2.23%	0.193%
19	9.667	924	927	934	rVB4	11031	27413	2.35%	0.203%
20	9.756	934	936	940	rBV5	5185	12647	1.08%	0.094%
21	9.825	940	943	946	rVV3	6887	16301	1.40%	0.121%
22	9.914	946	952	961	rVB	211455	509211	43.67%	3.772%
23	10.111	969	972	977	rVB5	5688	13357	1.15%	0.099%
24	10.199	977	981	988	rVB4	13493	40964	3.51%	0.303%
25	10.367	990	998	1006	rBV4	36140	130589	11.20%	0.967%
26	10.475	1006	1009	1014	rBV5	8159	21418	1.84%	0.159%
27	10.643	1014	1026	1032	rBV3	44806	133000	11.41%	0.985%
28	10.781	1036	1040	1047	rVB4	60219	145045	12.44%	1.074%
29	10.899	1047	1052	1053	rBV2	19423	50832	4.36%	0.377%
30	10.929	1053	1055	1058	rVB	25647	36061	3.09%	0.267%
31	10.978	1058	1060	1064	rVB5	11854	24810	2.13%	0.184%
32	11.047	1064	1067	1072	rVB5	17377	37087	3.18%	0.275%
33	11.156	1072	1078	1083	rVB4	32685	91423	7.84%	0.677%
34	11.244	1083	1087	1090	rBV5	16515	35002	3.00%	0.259%

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35	11.294	1090	1092	1093	rBV2	12768	20010	1.72%	0.148%
36	11.363	1094	1099	1103	rVB2	158590	340199	29.18%	2.520%
37	11.432	1103	1106	1108	rBV4	7651	13242	1.14%	0.098%
38	11.510	1108	1114	1118	rBV2	295610	652771	55.98%	4.835%
39	11.589	1118	1122	1125	rBV4	32849	74285	6.37%	0.550%
40	11.639	1125	1127	1130	rVB2	81093	121106	10.39%	0.897%
41	11.708	1130	1134	1136	rBV3	21160	38454	3.30%	0.285%
42	11.757	1136	1139	1142	rVB3	46381	84152	7.22%	0.623%
43	11.816	1142	1145	1147	rBV4	22290	37044	3.18%	0.274%
44	11.855	1147	1149	1152	rVB2	40111	61504	5.27%	0.456%
45	11.905	1152	1154	1157	rVB2	21619	27716	2.38%	0.205%
46	11.964	1157	1160	1162	rBV3	17060	29296	2.51%	0.217%
47	12.033	1162	1167	1168	rBV2	61126	158752	13.62%	1.176%
48	12.072	1168	1171	1177	rVB2	179344	327296	28.07%	2.424%
49	12.181	1177	1182	1184	rBV5	27122	81384	6.98%	0.603%
50	12.250	1184	1189	1190	rBV3	87277	210339	18.04%	1.558%
51	12.279	1190	1192	1195	rVB3	104641	154840	13.28%	1.147%
52	12.358	1195	1200	1203	rVB4	58756	124014	10.64%	0.919%
53	12.417	1203	1206	1207	rBV2	42805	81857	7.02%	0.606%
54	12.506	1214	1215	1217	rVB2	27772	26733	2.29%	0.198%
55	12.565	1217	1221	1224	rBV	118225	210364	18.04%	1.558%
56	12.624	1224	1227	1230	rBV	445226	654821	56.16%	4.850%
57	12.684	1230	1233	1235	rVB	120202	180628	15.49%	1.338%
58	12.831	1242	1248	1252	rBV6	73475	263215	22.57%	1.950%
59	12.910	1252	1256	1260	rVV3	143345	367530	31.52%	2.722%
60	12.969	1260	1262	1264	rVB	39368	50204	4.31%	0.372%
61	13.028	1264	1268	1272	rBV5	95490	273960	23.50%	2.029%
62	13.127	1276	1278	1280	rBV2	25582	40209	3.45%	0.298%
63	13.176	1280	1283	1286	rBV2	103892	185349	15.90%	1.373%
64	13.216	1286	1287	1289	rVV2	68194	91644	7.86%	0.679%
65	13.265	1289	1292	1296	rVV2	214267	374702	32.14%	2.776%
66	13.324	1296	1298	1299	rVV2	25322	33934	2.91%	0.251%
67	13.374	1299	1303	1305	rVV3	84031	195073	16.73%	1.445%
68	13.443	1308	1310	1313	rVB	279678	367001	31.48%	2.718%
69	13.512	1315	1317	1319	rBV2	45711	50876	4.36%	0.377%
70	13.590	1323	1325	1328	rVB4	33334	56490	4.84%	0.418%
71	13.650	1328	1331	1334	rBV3	65834	130881	11.22%	0.969%

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72	13.728	1334	1339	1341	rBV4	83190	186186	15.97%	1.379%
73	13.778	1341	1344	1350	rVV5	145187	397008	34.05%	2.941%
74	13.926	1354	1359	1362	rVV2	189340	468403	40.17%	3.470%
75	13.985	1362	1365	1367	rVB4	48900	92204	7.91%	0.683%
76	14.103	1373	1377	1381	rBV6	64430	178315	15.29%	1.321%
77	14.162	1381	1383	1385	rBV2	57116	91802	7.87%	0.680%
78	14.221	1387	1389	1393	rVB4	63529	105622	9.06%	0.782%
79	14.300	1393	1397	1401	rBV6	107552	336405	28.85%	2.492%
80	14.359	1401	1403	1406	rBV3	102461	177833	15.25%	1.317%
81	14.487	1413	1416	1418	rBV2	79188	171645	14.72%	1.271%
82	14.566	1421	1424	1426	rBV4	83289	205692	17.64%	1.524%
83	14.704	1431	1438	1440	rBV8	82222	259270	22.24%	1.920%
84	15.069	1472	1475	1482	rVB5	94711	191669	16.44%	1.420%
85	15.227	1489	1491	1494	rBV2	70261	87898	7.54%	0.651%

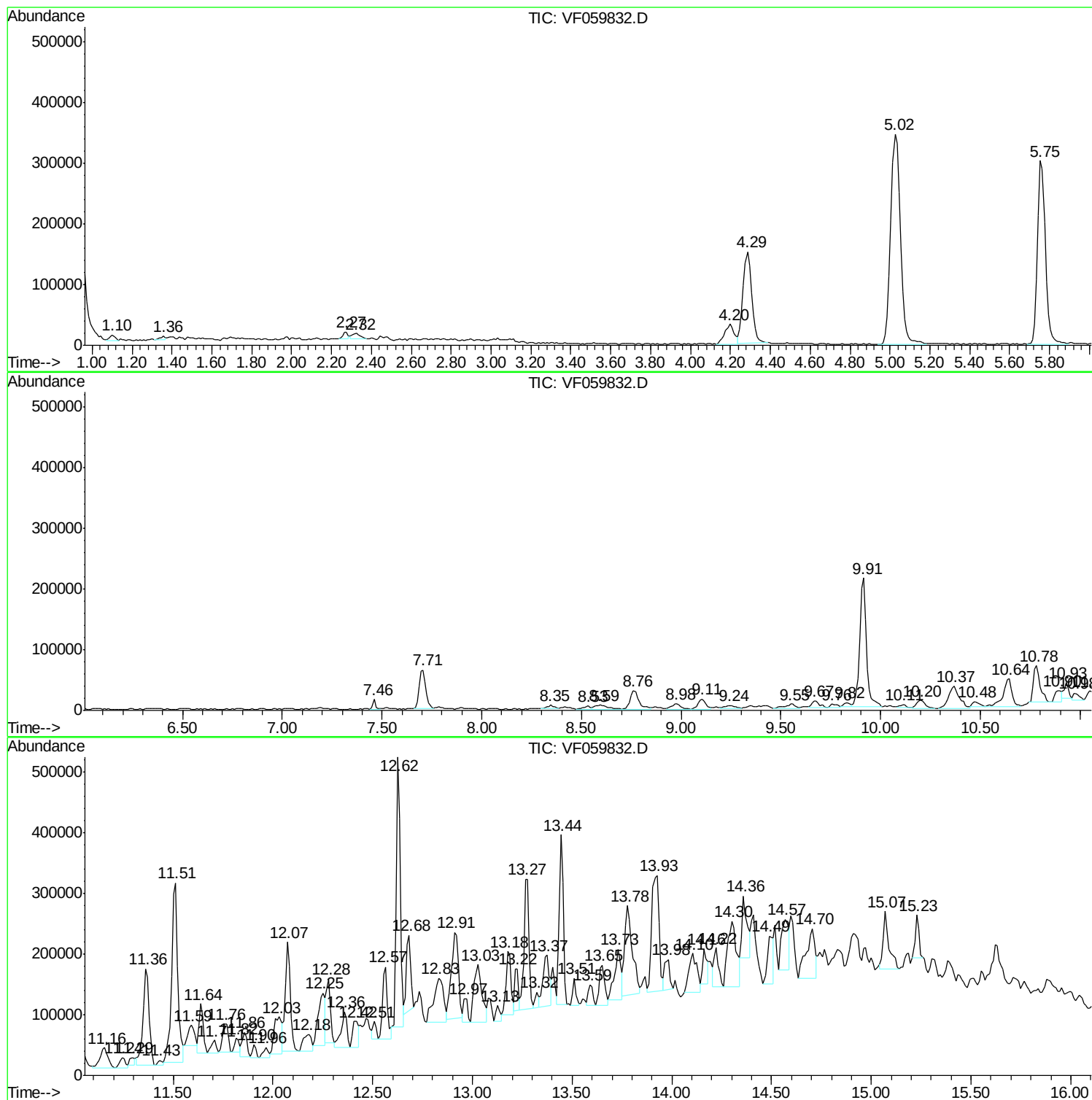
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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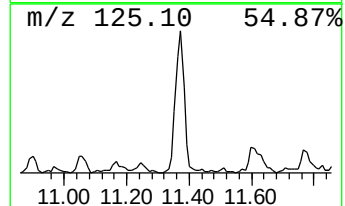
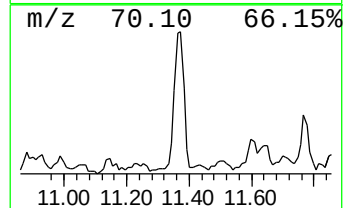
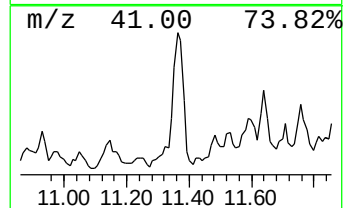
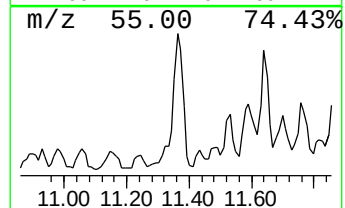
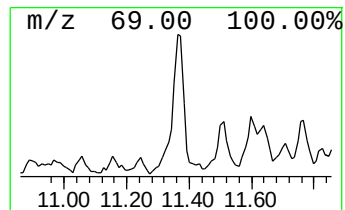
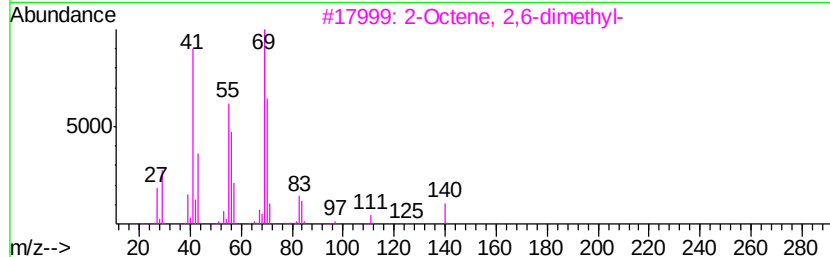
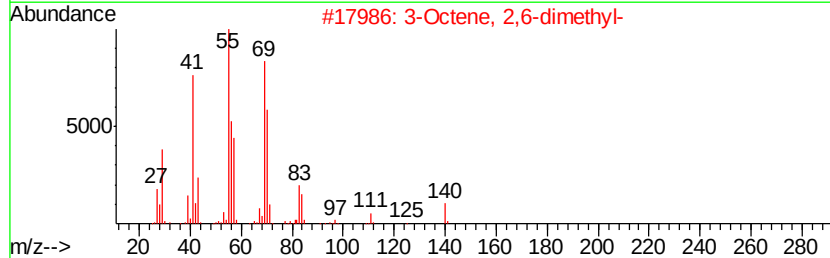
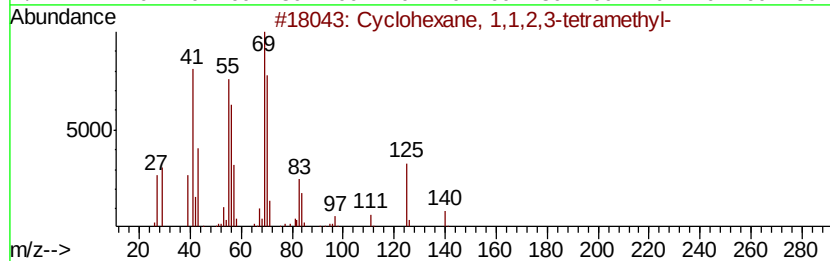
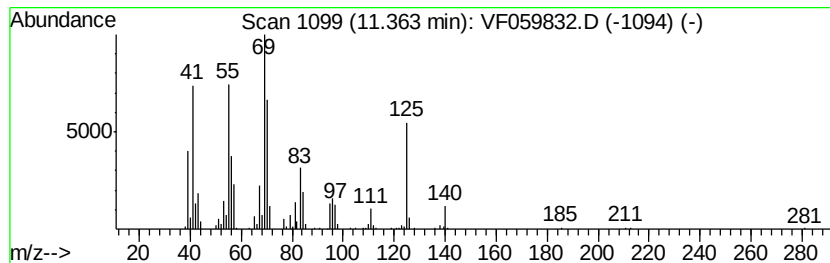
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	25.98 ug/l	340199	1,4-Dichlorobenzene-d4	12.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1,1,2,3-tetramethyl-	140 C10H20	006783-92-2 90
2		3-Octene, 2,6-dimethyl-	140 C10H20	006874-28-8 62
3		2-Octene, 2,6-dimethyl-	140 C10H20	004057-42-5 58
4		Cyclopentane, 1,1,3,4-tetramethyl-	126 C9H18	053907-60-1 43
5		2,2-Dimethyl-3-heptene trans	126 C9H18	019550-75-5 43



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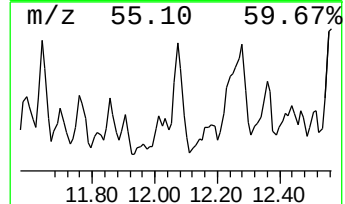
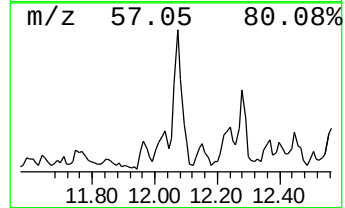
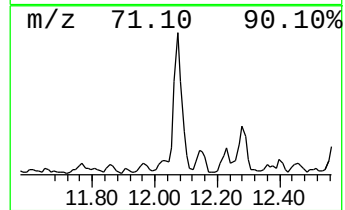
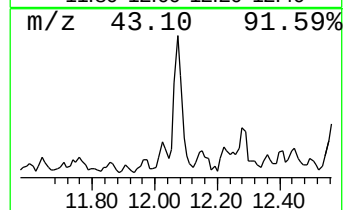
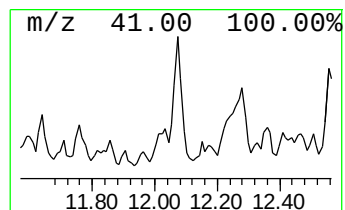
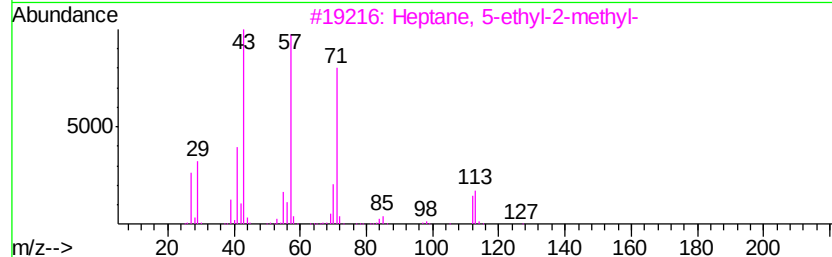
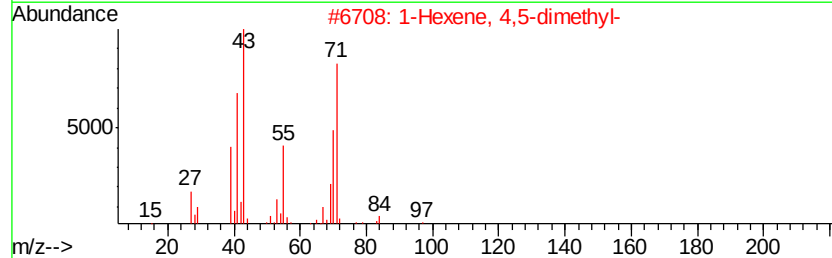
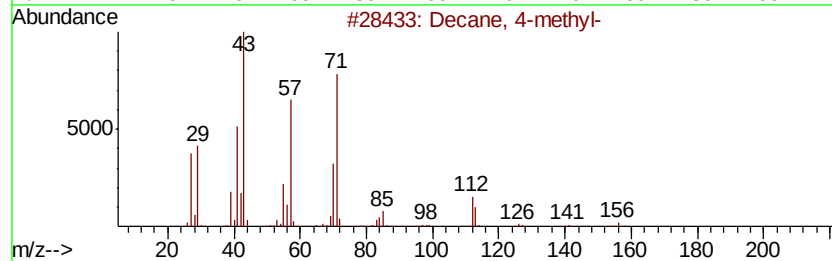
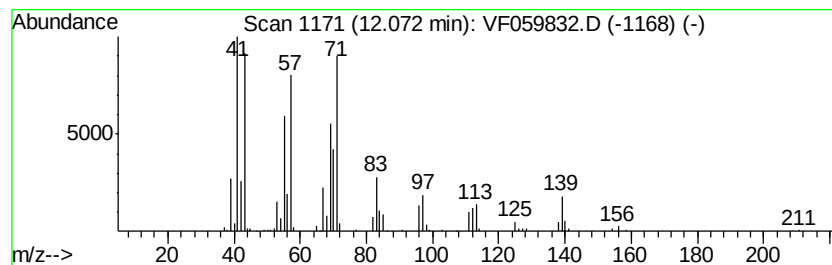
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	24.99 ug/l	327296	1,4-Dichlorobenzene-d4	12.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 4-methyl-	156 C11H24	002847-72-5	64
2	1-Hexene, 4,5-dimethyl-	112 C8H16	016106-59-5	47
3	Heptane, 5-ethyl-2-methyl-	142 C10H22	013475-78-0	43
4	Sulfurous acid, octyl 2-propyl e...	236 C11H24O3S	1000309-11-9	43
5	Cyclopropanecarboxamide, N-metha...	139 C8H13NO	1000340-05-6	38



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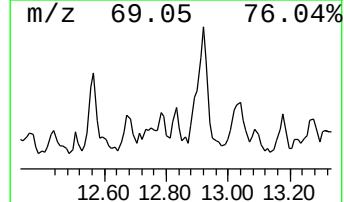
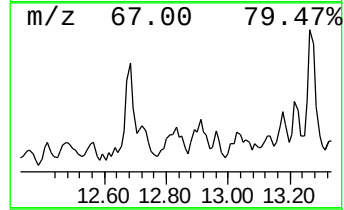
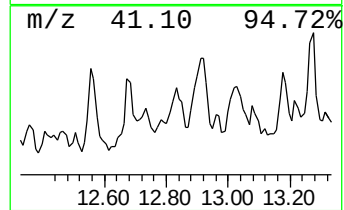
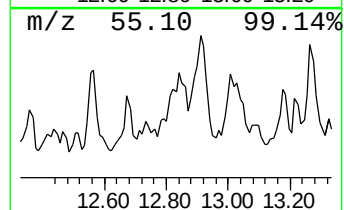
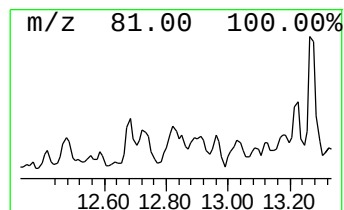
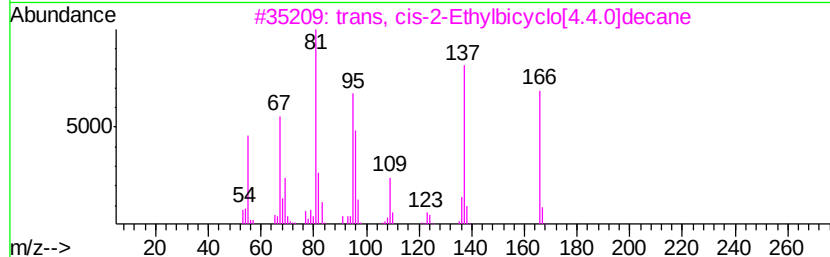
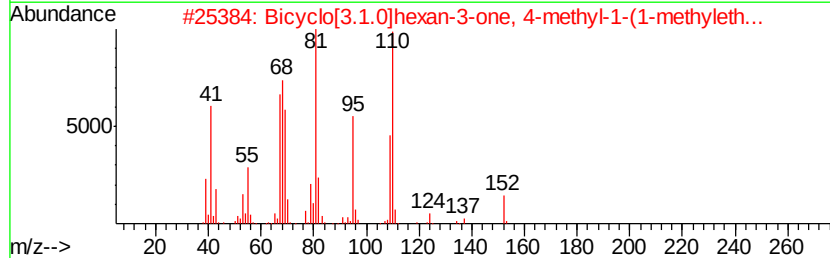
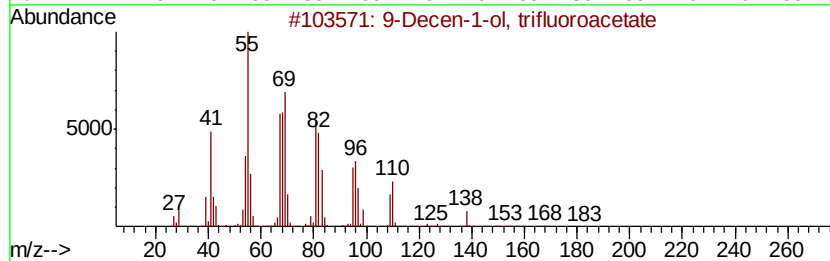
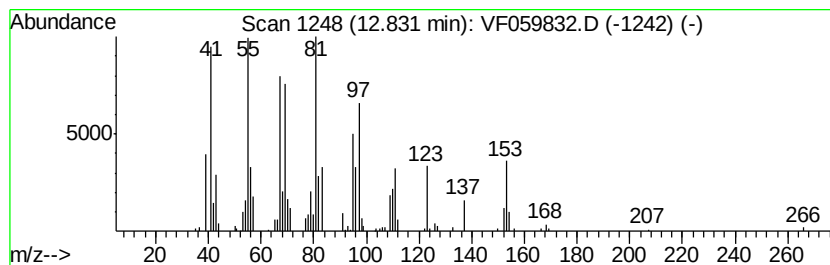
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Quant Title : SW846 8260

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

Peak Number 3 9-Decen-1-ol, trifluoroacetate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	20.10 ug/l	263215	1,4-Dichlorobenzene-d4	12.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9-Decen-1-ol, trifluoroacetate	252 C12H19F3O2	1000352-65-9	46
2	Bicyclo[3.1.0]hexan-3-one, 4-met...	152 C10H16O	000471-15-8	45
3	trans, cis-2-Ethylbicyclo[4.4.0]...	166 C12H22	066660-39-7	43
4	Bicyclo[3.1.0]hexan-3-one, 4-met...	152 C10H16O	001125-12-8	43
5	Cyclohexene, 1-pentyl-	152 C11H20	015232-85-6	41



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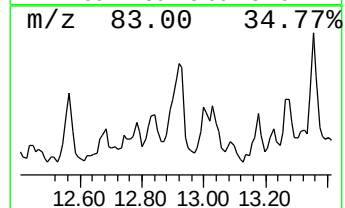
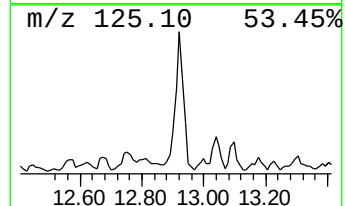
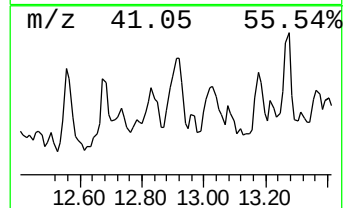
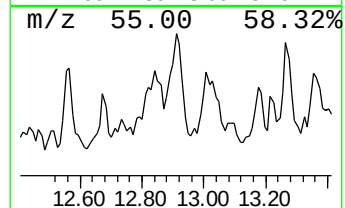
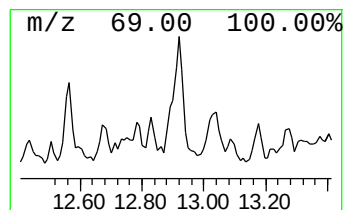
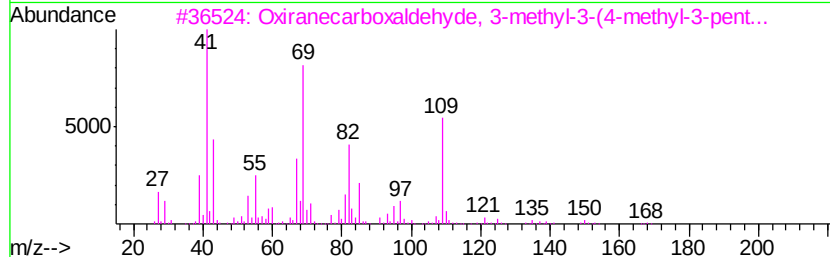
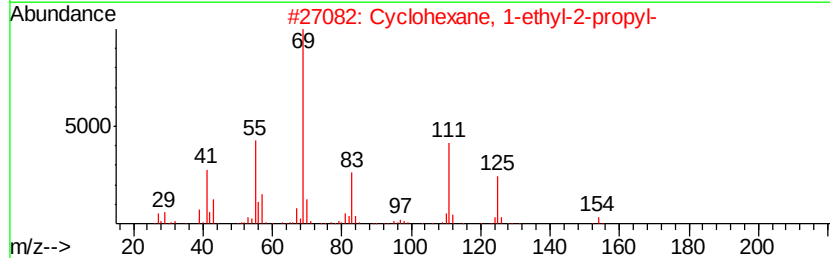
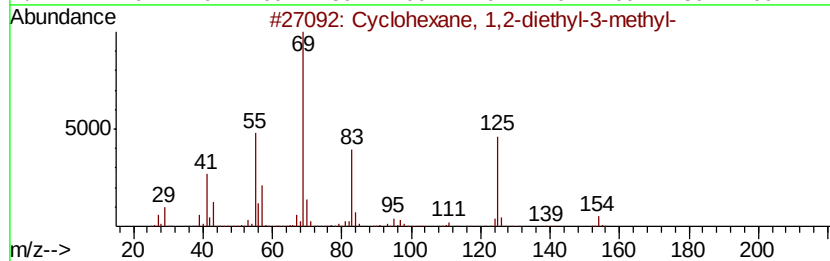
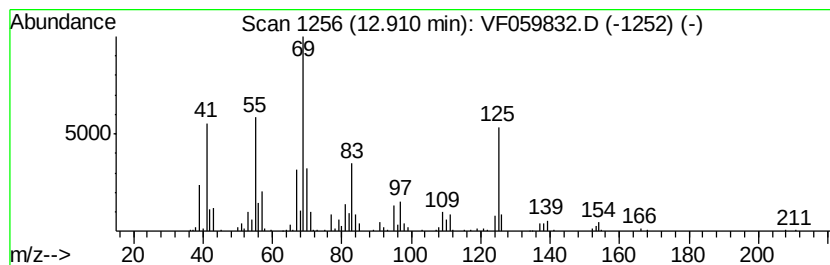
Instrument :
MSVOA_F
ClientSampled :
UST-W

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260

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

Peak Number 4 Cyclohexane, 1,2-diethyl-3-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	28.06 ug/l	367530	1,4-Dichlorobenzene-d4	12.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1,2-diethyl-3-methyl-	154 C11H22	061141-80-8 70
2		Cyclohexane, 1-ethyl-2-propyl-	154 C11H22	062238-33-9 47
3		Oxiranecarboxaldehyde, 3-methyl-...	168 C10H16O2	016996-12-6 46
4		6,11-Dimethyl-2,6,10-dodecatrien...	208 C14H24O	1000196-53-3 43
5		1-Pentene, 3,3-dimethyl-	98 C7H14	003404-73-7 38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080218\
Data File : VF059832.D
Acq On : 3 Aug 2018 11:29
Operator : VA/AP
Sample : J4267-13
Misc : 5.02a/5mL/MSVOA F/SOIL
ALS Vial : 100 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampled :
UST-W

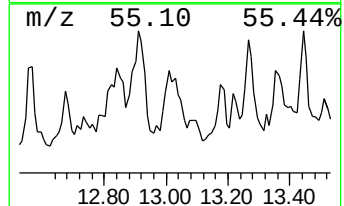
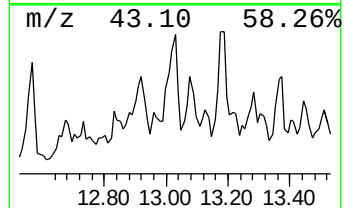
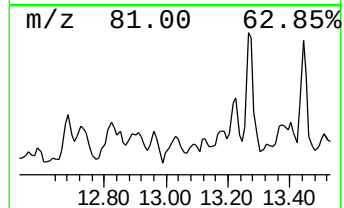
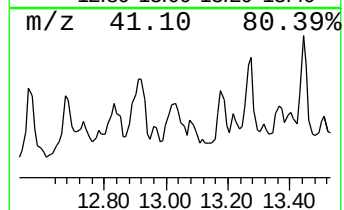
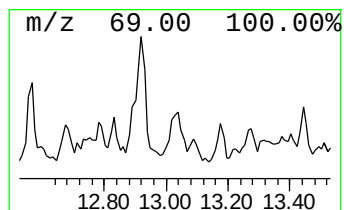
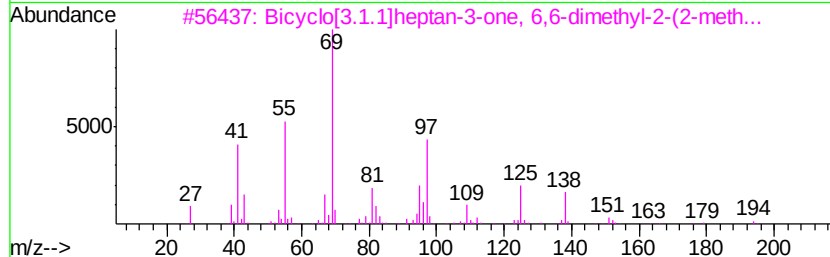
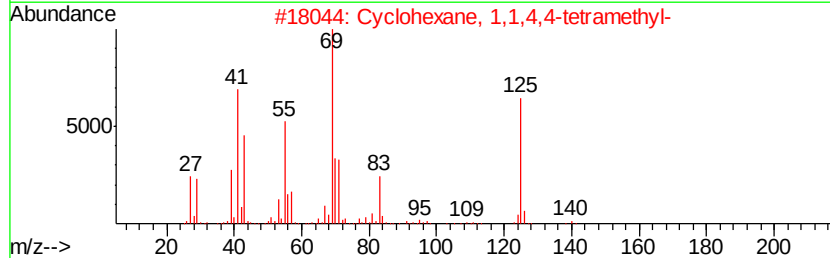
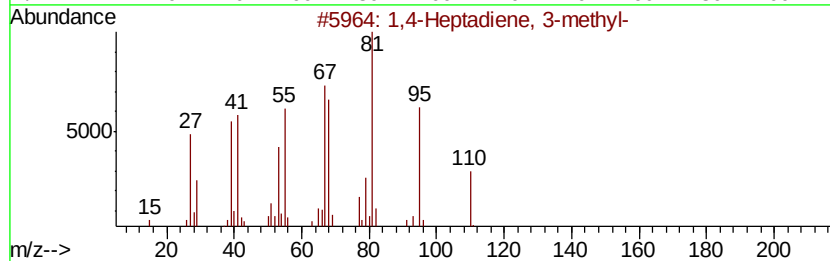
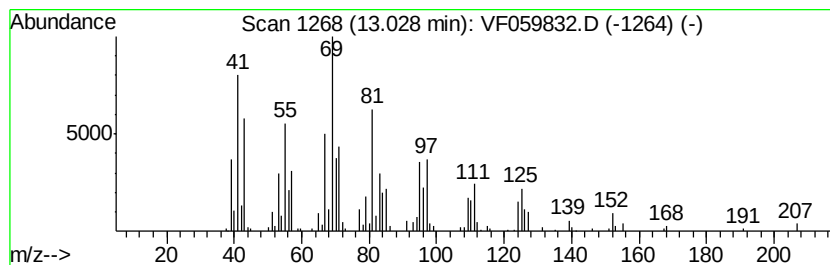
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Quant Title : SW846 8260

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

Peak Number 5 1,4-Heptadiene, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	20.92 ug/l	273960	1,4-Dichlorobenzene-d4	12.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Heptadiene, 3-methyl-	110	C8H14	001603-01-6	45
2		Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	38
3		Bicyclo[3.1.1]heptan-3-one, 6,6-dimethyl-2-(2-methyl-)	194	C13H22O	1000163-97-9	35
4		4-Nonene, 2,3,3-trimethyl-, (E)-	168	C12H24	063830-67-1	27
5		2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080218\
Data File : VF059832.D
Acq On : 3 Aug 2018 11:29
Operator : VA/AP
Sample : J4267-13
Misc : 5.02g/5mL/MSVOA F/SOIL
ALS Vial : 100 Sample Multiplier: 1

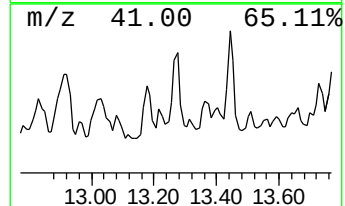
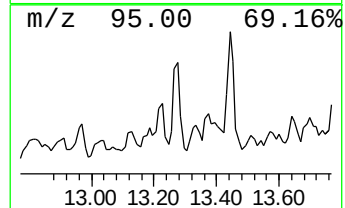
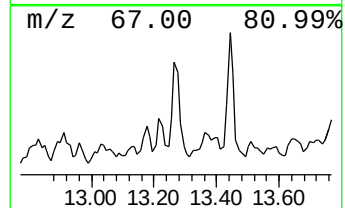
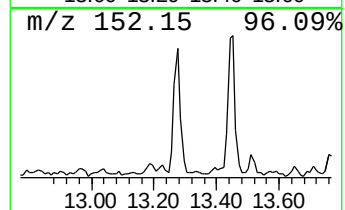
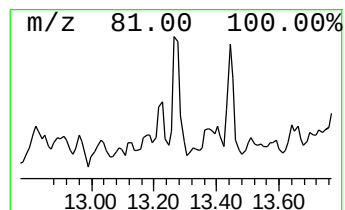
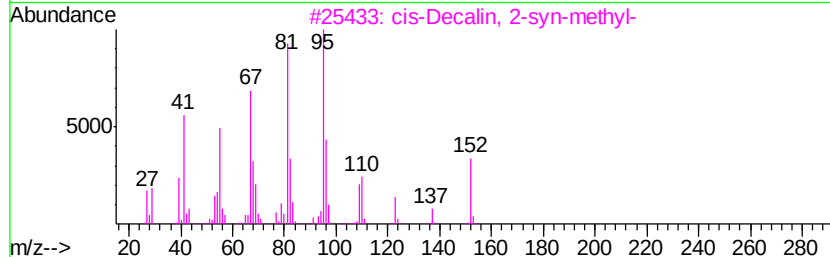
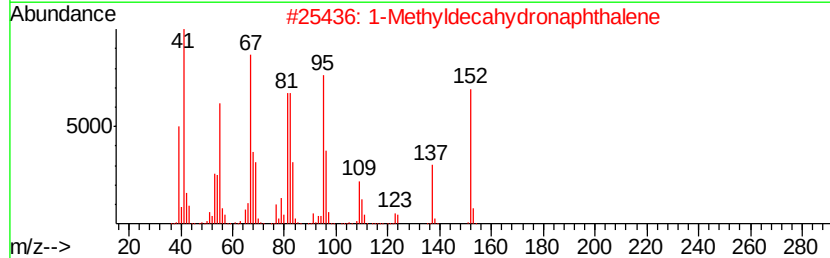
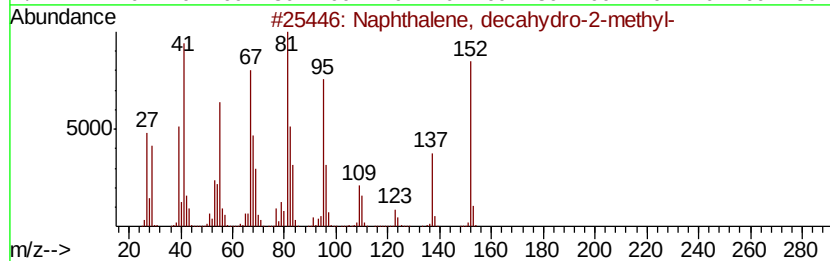
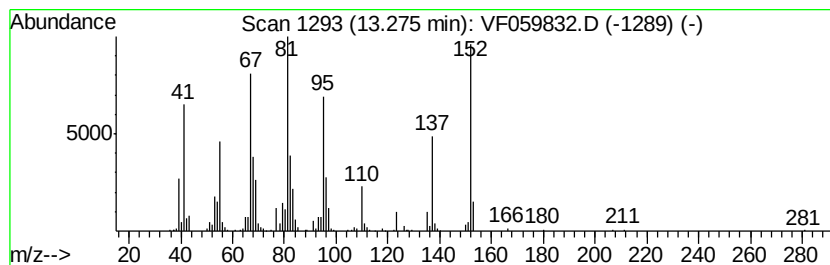
Instrument :
MSVOA_F
ClientSampleId :
UST-W

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, decahydro-2-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	28.61 ug/l	374702	1,4-Dichlorobenzene-d4	12.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1 90
2		1-Methyldecahydronaphthalene	152 C11H20	002958-75-0 87
3		cis-Decalin, 2-syn-methyl-	152 C11H20	1000155-85-6 87
4		trans-Decalin, 2-methyl-	152 C11H20	1000152-47-3 83
5		Bicyclo[5.4.0]undecane (trans)	152 C11H20	021394-30-9 68



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080218\
Data File : VF059832.D
Acq On : 3 Aug 2018 11:29
Operator : VA/AP
Sample : J4267-13
Misc : 5.02a/5mL/MSVOA F/SOIL
ALS Vial : 100 Sample Multiplier: 1

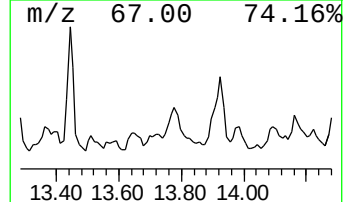
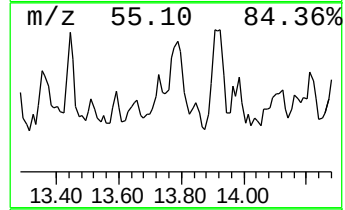
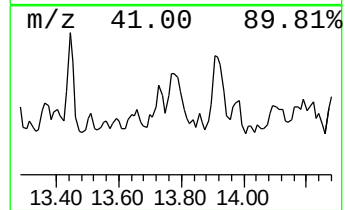
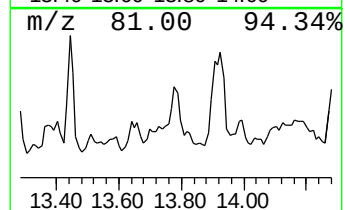
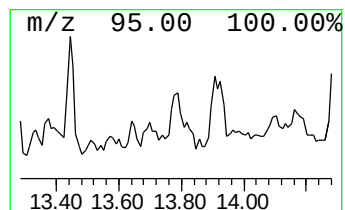
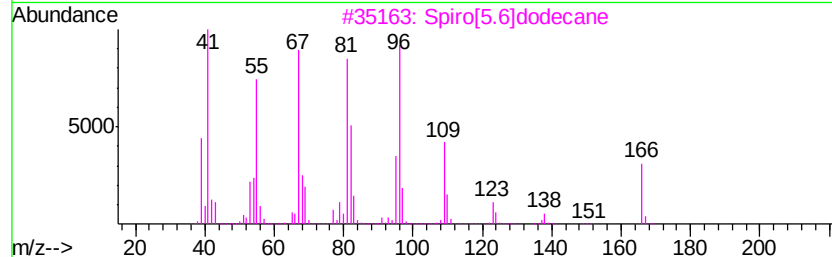
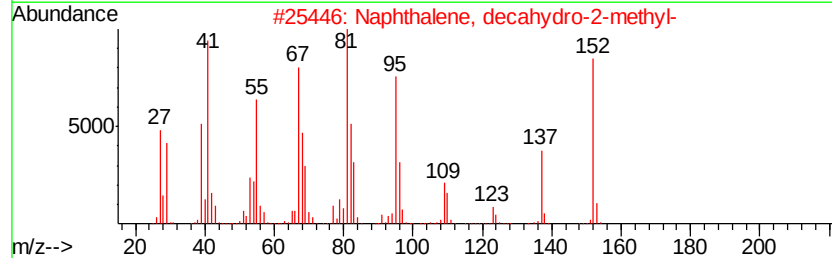
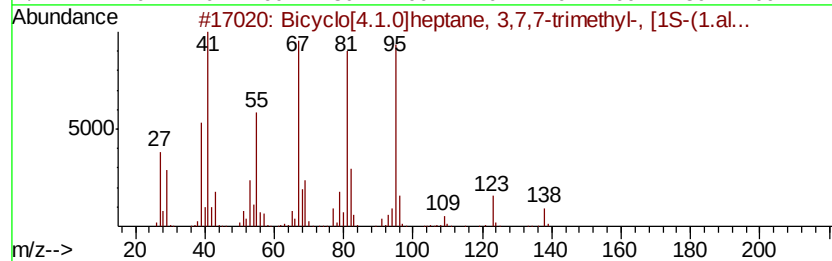
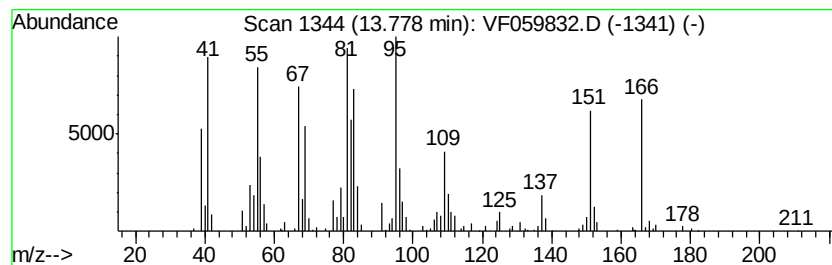
Instrument :
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ClientSampleId :
UST-W

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260

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

Peak Number 8 Bicyclo[4.1.0]heptane, 3,7,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	30.31 ug/l	397008	1,4-Dichlorobenzene-d4	12.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicyclo[4.1.0]heptane, 3,7,7-tri...	138 C10H18	006069-97-2 87
2		Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1 64
3		Spiro[5.6]dodecane	166 C12H22	000181-15-7 53
4		Bicyclo[3.1.0]hexan-3-one, 4-met...	152 C10H16O	001125-12-8 50
5		trans-Decalin, 2-methyl-	152 C11H20	1000152-47-3 49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080218\
Data File : VF059832.D
Acq On : 3 Aug 2018 11:29
Operator : VA/AP
Sample : J4267-13
Misc : 5.02a/5mL/MSVOA F/SOIL
ALS Vial : 100 Sample Multiplier: 1

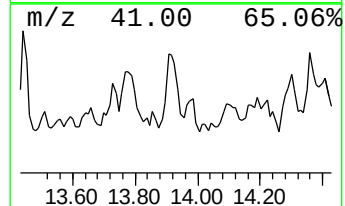
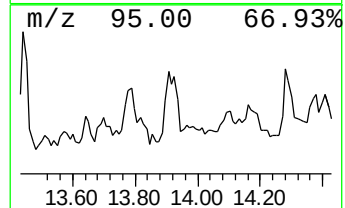
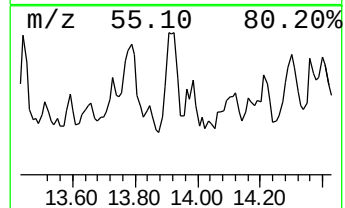
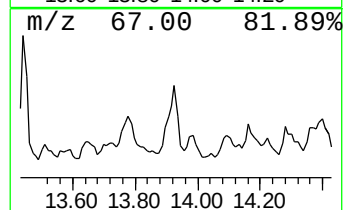
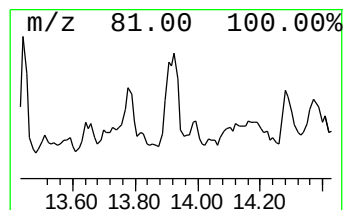
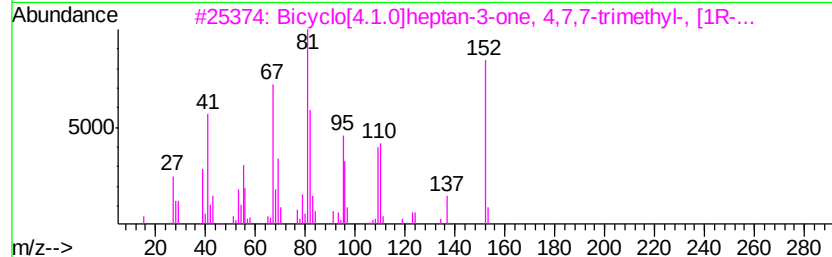
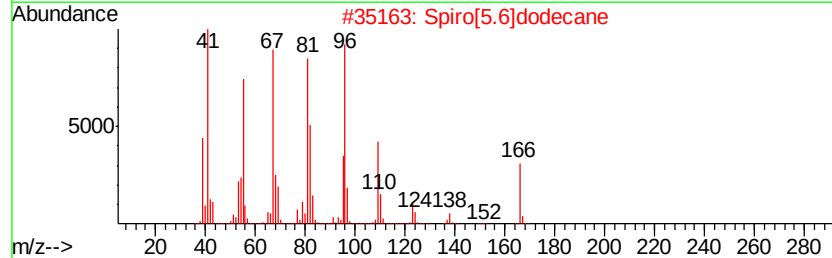
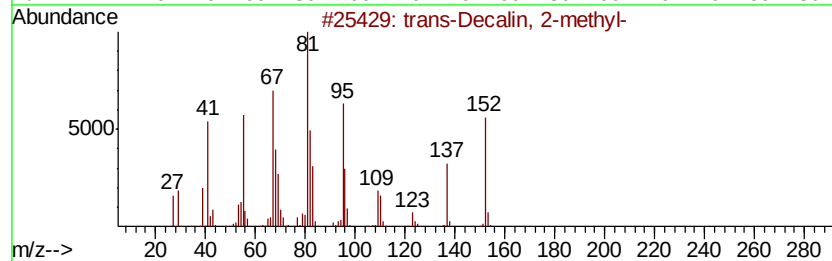
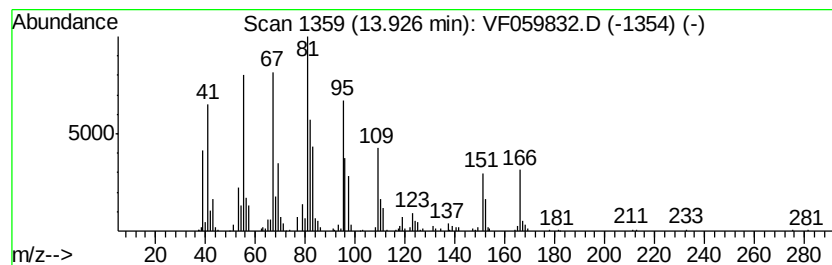
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260

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

Peak Number 9 trans-Decalin, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	35.77 ug/l	468403	1,4-Dichlorobenzene-d4	12.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	trans-Decalin, 2-methyl-	152 C11H20	1000152-47-3	74
2	Spiro[5.6]dodecane	166 C12H22	000181-15-7	70
3	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152 C10H16O	004176-04-9	68
4	Bicyclo[2.2.2]octane, 2-methyl-	124 C9H16	000766-53-0	62
5	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152 C10H16O	004176-01-6	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080218\
Data File : VF059832.D
Acq On : 3 Aug 2018 11:29
Operator : VA/AP
Sample : J4267-13
Misc : 5.02a/5mL/MSVOA F/SOIL
ALS Vial : 100 Sample Multiplier: 1

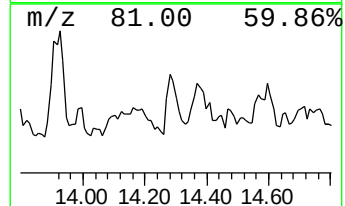
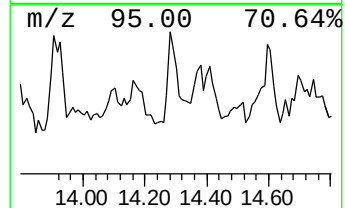
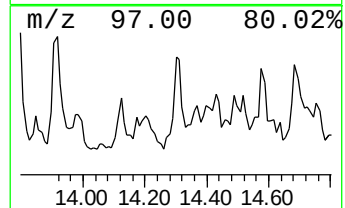
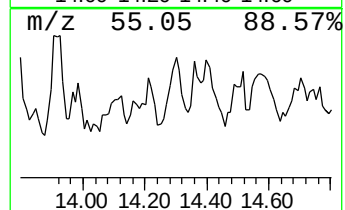
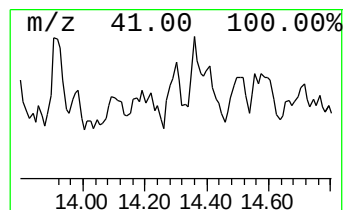
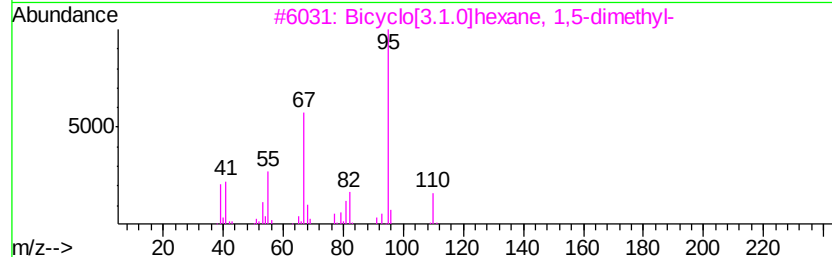
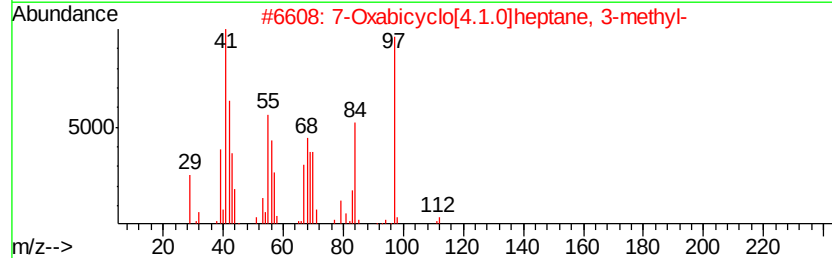
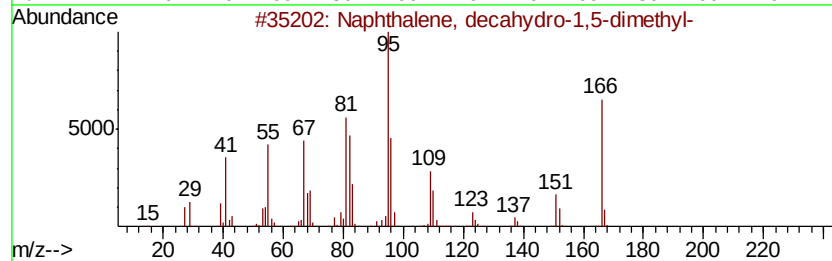
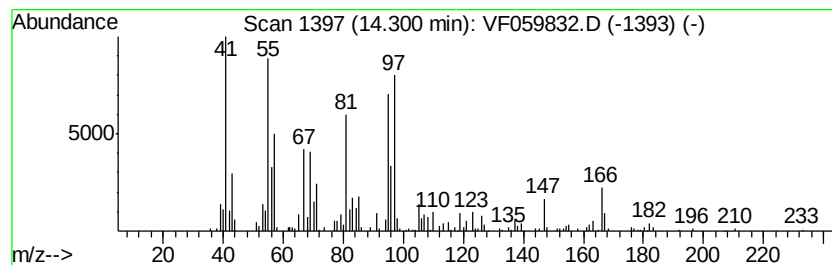
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, decahydro-1,5-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	25.69 ug/l	336405	1,4-Dichlorobenzene-d4	12.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, decahydro-1,5-dimet...	166 C12H22	066552-62-3 46
2		7-Oxabicyclo[4.1.0]heptane, 3-me...	112 C7H12O	036099-51-1 30
3		Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110 C8H14	1000142-17-5 30
4		Oxalic acid, cyclohexylmethyl is...	270 C15H26O4	1000309-68-3 27
5		Cyclohexane, 1-isopropyl-1-methyl-	140 C10H20	016580-26-0 27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF080218\
Data File : VF059832.D
Acq On : 3 Aug 2018 11:29
Operator : VA/AP
Sample : J4267-13
Misc : 5.02g/5mL/MSVOA_F/SOIL
ALS Vial : 100 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
UST-W

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.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
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Decane, 4-methyl-	12.07	25.0	ug/l	327296	4	12.62	654821	50.0
9-Decen-1-ol, tri...	12.83	20.1	ug/l	263215	4	12.62	654821	50.0
Cyclohexane, 1,2-...	12.91	28.1	ug/l	367530	4	12.62	654821	50.0
1,4-Heptadiene, 3...	13.03	20.9	ug/l	273960	4	12.62	654821	50.0
Naphthalene, deca...	13.27	28.6	ug/l	374702	4	12.62	654821	50.0
Bicyclo[4.1.0]hep...	13.78	30.3	ug/l	397008	4	12.62	654821	50.0
trans-Decalin, 2-...	13.93	35.8	ug/l	468403	4	12.62	654821	50.0
Naphthalene, deca...	14.30	25.7	ug/l	336405	4	12.62	654821	50.0