

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032219\
 Data File : VF062086.D
 Acq On : 22 Mar 2019 16:53
 Operator : VA/AP
 Sample : K2043-02
 Misc : 5.69g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 WP022SB442-190319-FD-(12-14)

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\82F032219S.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	3.788	307	320	327	rBV5	24288	108417	1.49%	0.124%
2	4.045	339	346	352	rBV	42091	138544	1.91%	0.159%
3	4.518	387	394	404	rBV	75433	347728	4.79%	0.399%
4	4.666	404	409	426	rVB2	74014	345573	4.76%	0.396%
5	4.893	426	432	440	rVB3	25157	96611	1.33%	0.111%
6	5.484	485	492	503	rVB	157916	543647	7.48%	0.623%
7	5.681	509	512	516	rVV	43126	112598	1.55%	0.129%
8	5.760	516	520	527	rVV5	62316	205299	2.83%	0.235%
9	5.987	537	543	550	rBV5	37110	149944	2.06%	0.172%
10	6.214	560	566	570	rBV	41828	132258	1.82%	0.152%
11	6.303	570	575	585	rVB	87424	300073	4.13%	0.344%
12	6.470	585	592	596	rBV2	100484	368090	5.07%	0.422%
13	6.628	603	608	611	rBV	135552	362338	4.99%	0.415%
14	6.845	621	630	642	rVB	146143	525895	7.24%	0.603%
15	7.052	645	651	659	rBV	240417	972365	13.39%	1.115%
16	7.170	659	663	670	rVB	155516	439647	6.05%	0.504%
17	7.328	671	679	683	rBV4	40199	185863	2.56%	0.213%
18	7.407	683	687	693	rVB2	56036	153449	2.11%	0.176%
19	7.594	701	706	711	rBV2	193406	527367	7.26%	0.605%
20	7.663	711	713	719	rVB3	33958	79034	1.09%	0.091%
21	7.792	719	726	736	rVB	127056	366308	5.04%	0.420%
22	8.028	745	750	752	rBV	54551	130346	1.79%	0.149%
23	8.156	759	763	770	rVB	77889	198198	2.73%	0.227%
24	8.314	771	779	784	rVB	189289	476122	6.55%	0.546%
25	8.482	784	796	804	rBV4	473853	1716848	23.63%	1.969%
26	8.649	809	813	818	rVV	255403	733391	10.10%	0.841%
27	8.719	818	820	824	rVV2	63192	143189	1.97%	0.164%
28	8.866	831	835	842	rVB2	67922	199554	2.75%	0.229%
29	8.995	842	848	853	rBV2	361389	1079442	14.86%	1.238%
30	9.073	853	856	859	rVV	179811	453503	6.24%	0.520%
31	9.133	859	862	870	rVB	282954	681857	9.39%	0.782%
32	9.320	875	881	885	rBV	509406	1216137	16.74%	1.394%
33	9.448	890	894	898	rVB2	50235	123825	1.70%	0.142%
34	9.557	898	905	912	rBV4	151374	635053	8.74%	0.728%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF032219\
 Data File : VF062086.D
 Acq On : 22 Mar 2019 16:53
 Operator : VA/AP
 Sample : K2043-02
 Misc : 5.69g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 WP022SB442-190319-FD-(12-14)

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\82F032219S.M
 Title : SW846 8260

35	9.665	912	916	917	rBV3	58818	116162	1.60%	0.133%
36	9.714	917	921	925	rVB3	116787	275784	3.80%	0.316%
37	9.833	925	933	946	rVB2	2558904	7264235	100.00%	8.330%
38	10.010	946	951	956	rVB	177184	437450	6.02%	0.502%
39	10.099	956	960	965	rVB3	75418	181468	2.50%	0.208%
40	10.267	969	977	984	rBV2	627992	2176014	29.96%	2.495%
41	10.375	984	988	993	rBV2	683504	1500960	20.66%	1.721%
42	10.464	994	997	998	rBV	105111	169282	2.33%	0.194%
43	10.513	998	1002	1008	rBV2	580628	1935247	26.64%	2.219%
44	10.592	1008	1010	1013	rVB	286851	418084	5.76%	0.479%
45	10.641	1013	1015	1016	rBV	97038	144845	1.99%	0.166%
46	10.701	1016	1021	1025	rBV	1700251	3581384	49.30%	4.107%
47	10.760	1025	1027	1029	rVB	195520	265769	3.66%	0.305%
48	10.809	1029	1032	1034	rBV2	467672	879221	12.10%	1.008%
49	10.858	1034	1037	1045	rVB2	722995	1533235	21.11%	1.758%
50	10.977	1045	1049	1052	rVB3	259816	650339	8.95%	0.746%
51	11.065	1052	1058	1063	rBV3	1152122	3243694	44.65%	3.719%
52	11.144	1063	1066	1072	rVB	826165	1488327	20.49%	1.707%
53	11.243	1072	1076	1079	rBV2	815074	2044036	28.14%	2.344%
54	11.292	1079	1081	1085	rVB	938455	1611404	22.18%	1.848%
55	11.351	1085	1087	1088	rBV	96653	144068	1.98%	0.165%
56	11.420	1088	1094	1095	rBV3	322742	784142	10.79%	0.899%
57	11.460	1095	1098	1101	rBV2	401083	904707	12.45%	1.037%
58	11.578	1107	1110	1113	rBV	1113959	1931320	26.59%	2.215%
59	11.637	1113	1116	1119	rVV3	601452	1230485	16.94%	1.411%
60	11.696	1119	1122	1125	rVV3	382200	665949	9.17%	0.764%
61	11.756	1125	1128	1130	rVV2	296317	578600	7.97%	0.663%
62	11.795	1130	1132	1135	rVB2	673545	981850	13.52%	1.126%
63	11.844	1135	1137	1140	rVB2	413995	637501	8.78%	0.731%
64	11.913	1140	1144	1146	rBV	930076	1804459	24.84%	2.069%
65	11.973	1146	1150	1152	rVV3	940433	1964149	27.04%	2.252%
66	12.022	1152	1155	1159	rVB	2168005	3814883	52.52%	4.374%
67	12.091	1159	1162	1167	rBV2	1174435	2344651	32.28%	2.688%
68	12.170	1167	1170	1173	rBV2	1470320	3049457	41.98%	3.497%
69	12.229	1173	1176	1179	rVB2	1816607	3148834	43.35%	3.611%
70	12.308	1181	1184	1187	rVV4	647822	1069906	14.73%	1.227%
71	12.347	1187	1188	1191	rVB2	483210	604095	8.32%	0.693%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032219\
 Data File : VF062086.D
 Acq On : 22 Mar 2019 16:53
 Operator : VA/AP
 Sample : K2043-02
 Misc : 5.69g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 WP022SB442-190319-FD-(12-14)

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\82F032219S.M
 Title : SW846 8260

72	12.397	1191	1193	1197	rVB4	518292	1011334	13.92%	1.160%
73	12.456	1197	1199	1201	rVB	282573	319876	4.40%	0.367%
74	12.515	1201	1205	1210	rVB4	554659	1308912	18.02%	1.501%
75	12.584	1210	1212	1213	rBV2	154296	215434	2.97%	0.247%
76	12.623	1213	1216	1220	rBV	1420459	2020365	27.81%	2.317%
77	12.692	1220	1223	1228	rBV4	189917	400363	5.51%	0.459%
78	12.761	1228	1230	1232	rBV3	241898	463069	6.37%	0.531%
79	12.801	1232	1234	1237	rVB	561928	897981	12.36%	1.030%
80	12.860	1237	1240	1244	rVB3	719663	1399601	19.27%	1.605%
81	12.919	1244	1246	1247	rBV2	189333	246092	3.39%	0.282%
82	12.959	1247	1250	1251	rBV2	447965	721755	9.94%	0.828%
83	13.097	1261	1264	1265	rBV2	183211	279437	3.85%	0.320%
84	13.136	1265	1268	1270	rVV3	590085	1010106	13.91%	1.158%
85	13.176	1270	1272	1273	rVV	309956	461216	6.35%	0.529%
86	13.215	1273	1276	1280	rVV3	674970	1619401	22.29%	1.857%
87	13.274	1280	1282	1283	rVV	226017	298762	4.11%	0.343%
88	13.304	1283	1285	1289	rVV2	617870	1094725	15.07%	1.255%
89	13.402	1292	1295	1297	rVB2	567670	848837	11.69%	0.973%
90	13.462	1299	1301	1305	rVV3	139275	273663	3.77%	0.314%
91	13.511	1305	1306	1309	rVB	178522	208140	2.87%	0.239%
92	13.580	1309	1313	1319	rVB4	165291	644799	8.88%	0.739%
93	13.659	1319	1321	1323	rBV	126955	184416	2.54%	0.211%
94	13.728	1325	1328	1334	rVV5	119239	333987	4.60%	0.383%
95	13.826	1335	1338	1340	rVB3	115953	155828	2.15%	0.179%
96	13.866	1340	1342	1346	rVB3	251710	469821	6.47%	0.539%
97	13.935	1346	1349	1351	rVV3	82771	139646	1.92%	0.160%
98	13.974	1351	1353	1356	rVB3	63495	84961	1.17%	0.097%
99	14.181	1371	1374	1378	rVB2	86316	153185	2.11%	0.176%
100	14.487	1397	1405	1406	rBV6	40030	120629	1.66%	0.138%

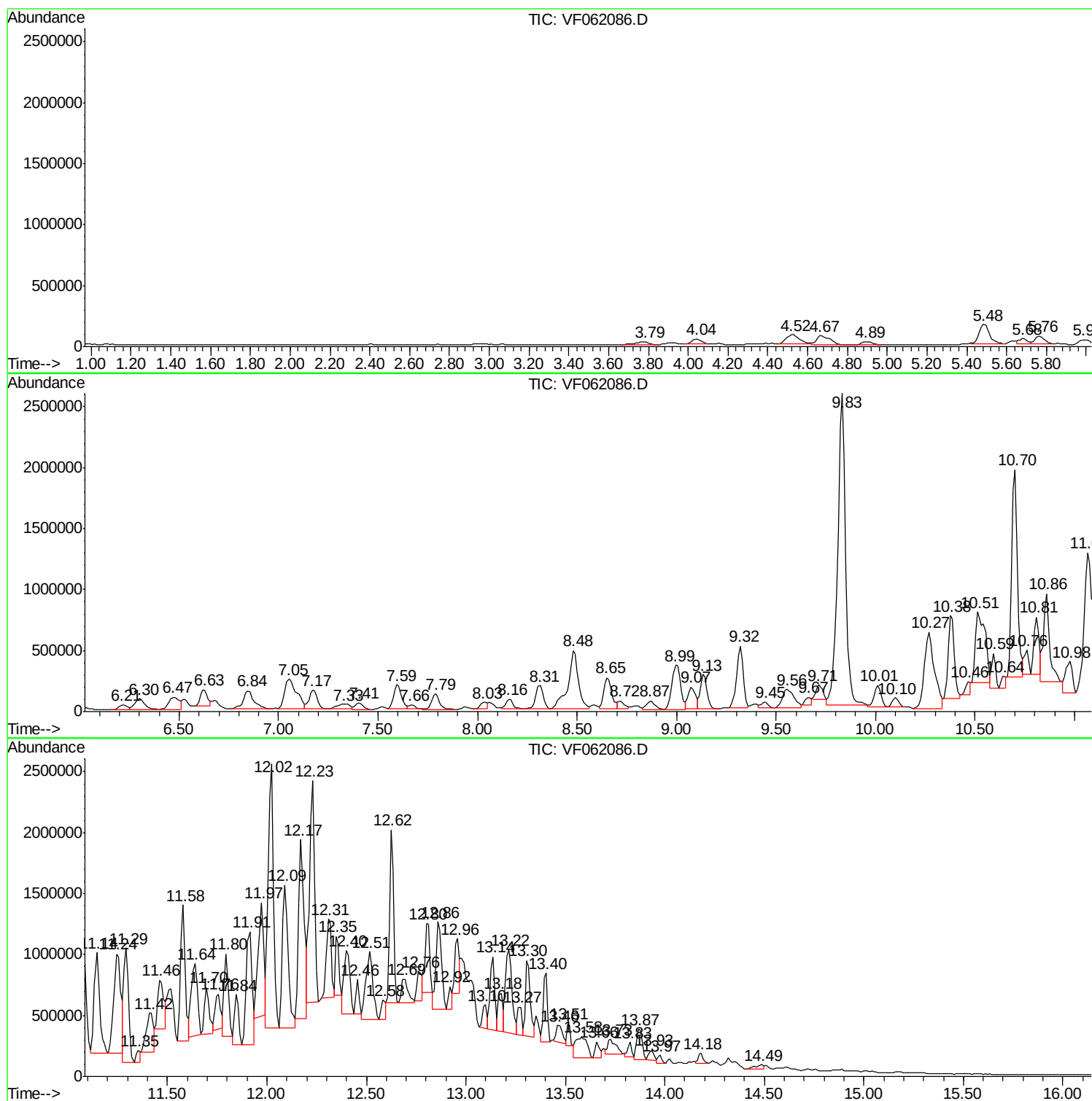
Sum of corrected areas: 87210850

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032219\
Data File : VF062086.D
Acq On : 22 Mar 2019 16:53
Operator : VA/AP
Sample : K2043-02
Misc : 5.69g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
WP022SB442-190319-FD-(12-14)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032219\
Data File : VF062086.D
Acq On : 22 Mar 2019 16:53
Operator : VA/AP
Sample : K2043-02
Misc : 5.69g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
WP022SB442-190319-FD-(12-14)

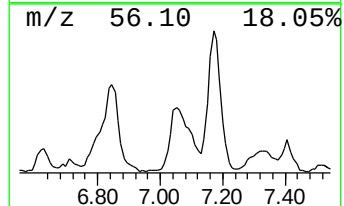
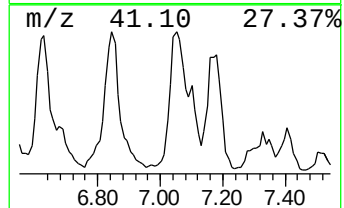
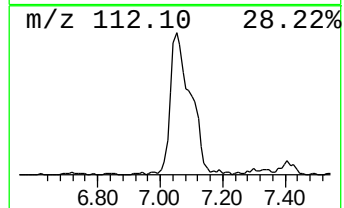
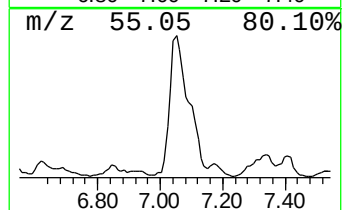
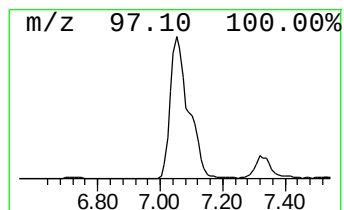
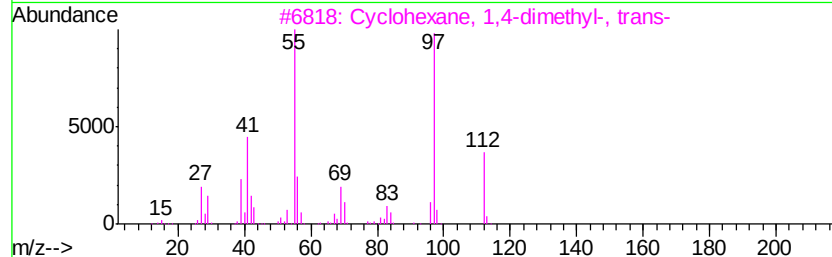
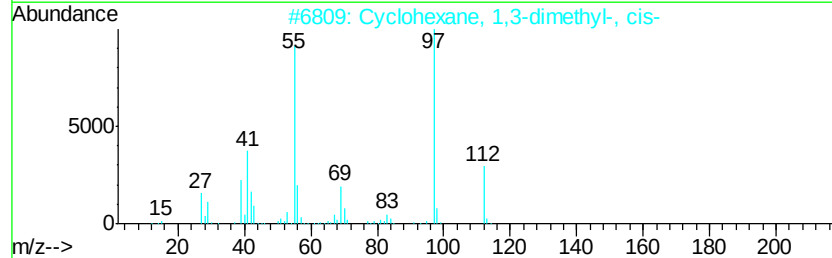
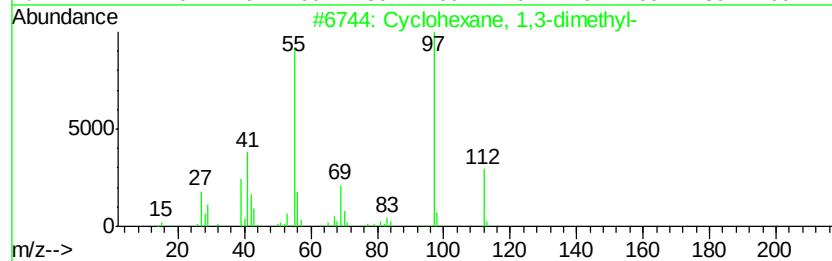
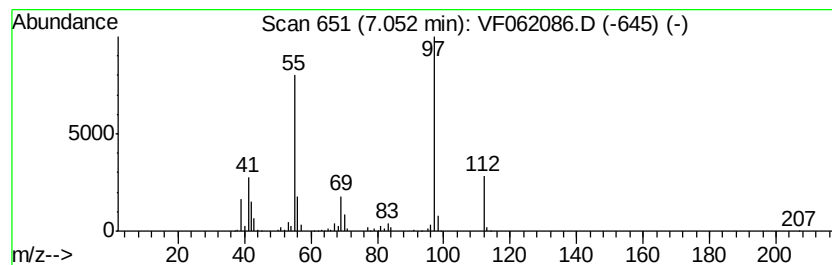
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclohexane, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	431.79 ug/l	972365	1,4-Difluorobenzene	5.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	95
2		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	95
3		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	91
4		2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	86
5		2-Pentene, 2,3,4-trimethyl-	112	C8H16	000565-77-5	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032219\
Data File : VF062086.D
Acq On : 22 Mar 2019 16:53
Operator : VA/AP
Sample : K2043-02
Misc : 5.69g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

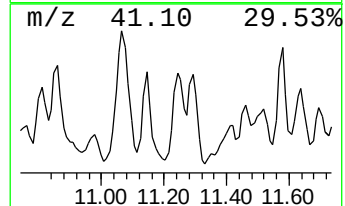
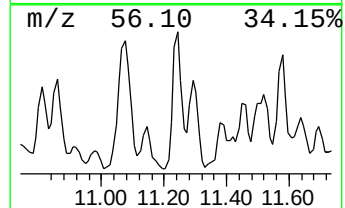
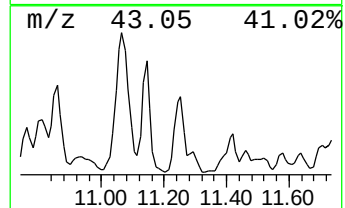
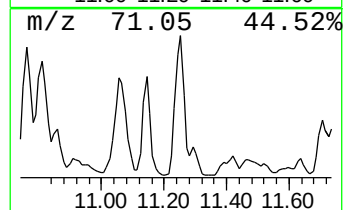
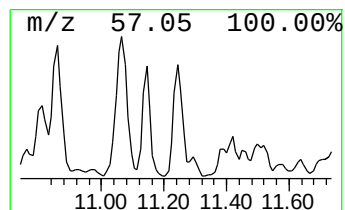
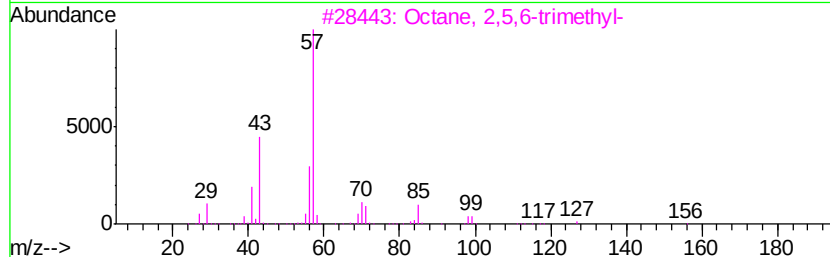
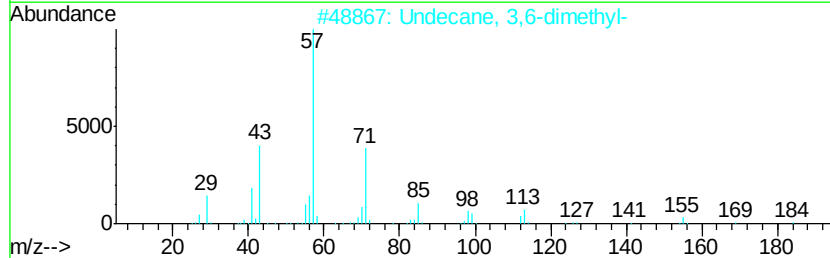
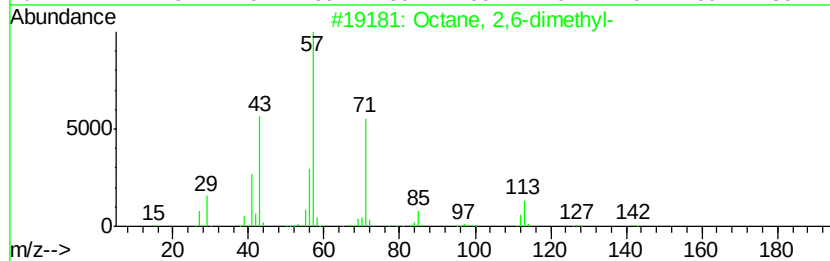
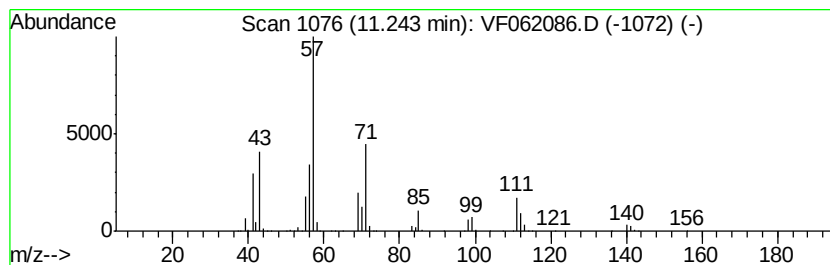
Instrument :
MSVOA_F
ClientSampleId :
WP022SB442-190319-FD-(12-14)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
Quant Title : SW846 8260

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

Peak Number 2 Octane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	474.40 ug/l	2044040	1,4-Dichlorobenzene-d4	12.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octane, 2,6-dimethyl-	142 C10H22	002051-30-1	72
2	Undecane, 3,6-dimethyl-	184 C13H28	017301-28-9	59
3	Octane, 2,5,6-trimethyl-	156 C11H24	062016-14-2	55
4	Sulfurous acid, decyl 2-ethylhex...	334 C18H38O3S	1000309-19-3	50
5	Decane, 6-ethyl-2-methyl-	184 C13H28	062108-21-8	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032219\
Data File : VF062086.D
Acq On : 22 Mar 2019 16:53
Operator : VA/AP
Sample : K2043-02
Misc : 5.69g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

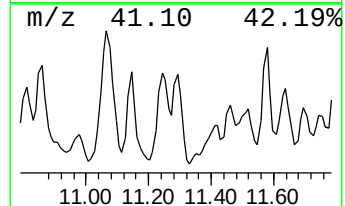
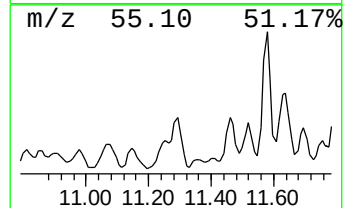
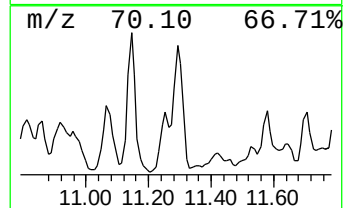
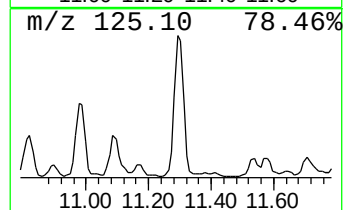
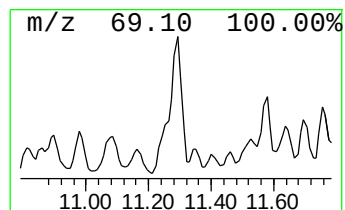
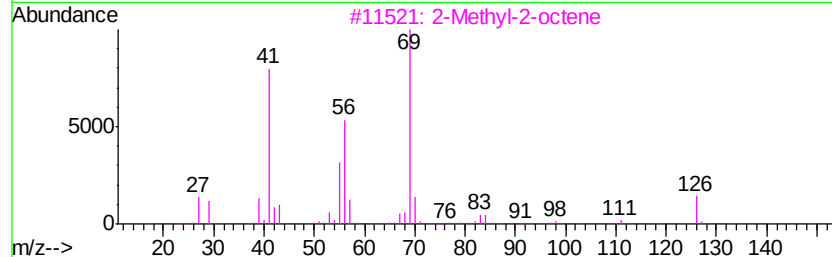
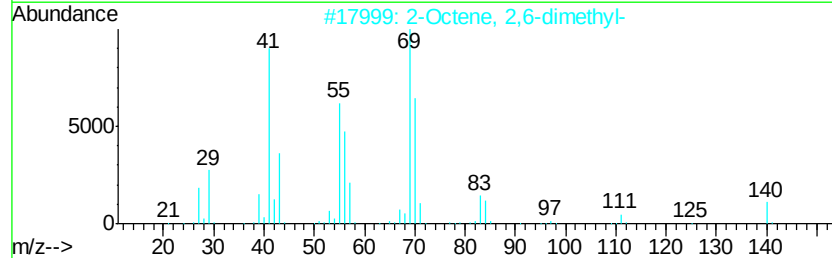
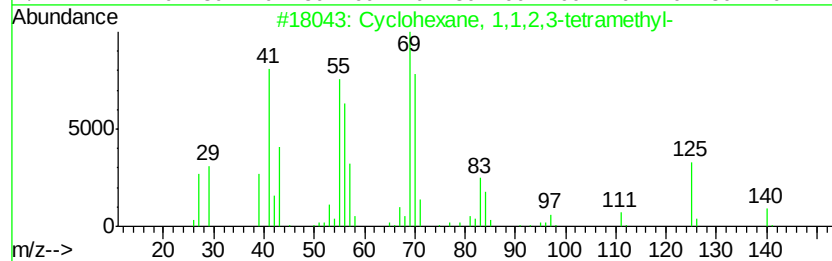
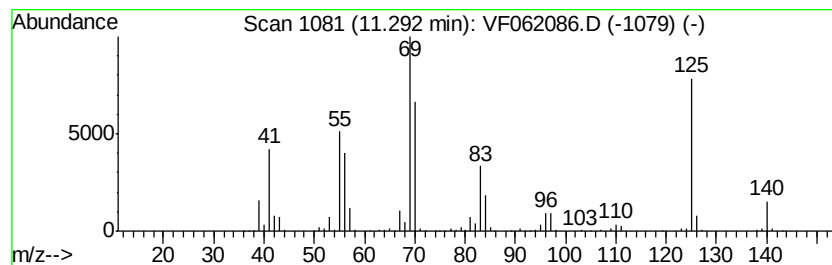
Instrument :
MSVOA_F
ClientSampleId :
WP022SB442-190319-FD-(12-14)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
Quant Title : SW846 8260

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

Peak Number 3 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.29	373.99 ug/l	1611400	1,4-Dichlorobenzene-d4	12.58		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	81
2		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	53
3		2-Methyl-2-octene	126	C9H18	016993-86-5	38
4		1,3,5-Trimethyl-1H-pyrazol-4-amine	125	C6H11N3	028466-21-9	35
5		3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032219\
Data File : VF062086.D
Acq On : 22 Mar 2019 16:53
Operator : VA/AP
Sample : K2043-02
Misc : 5.69g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

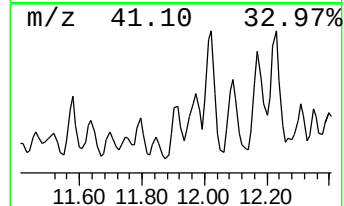
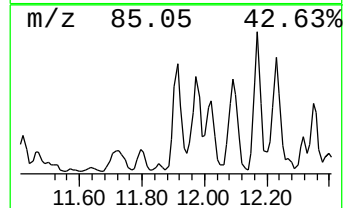
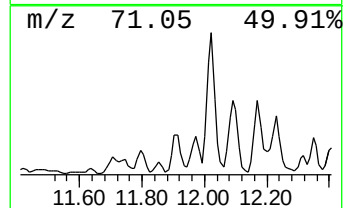
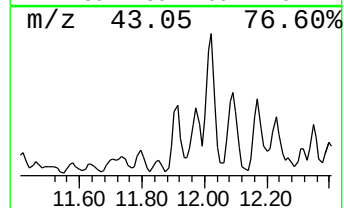
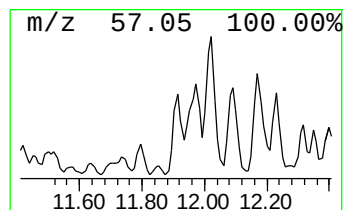
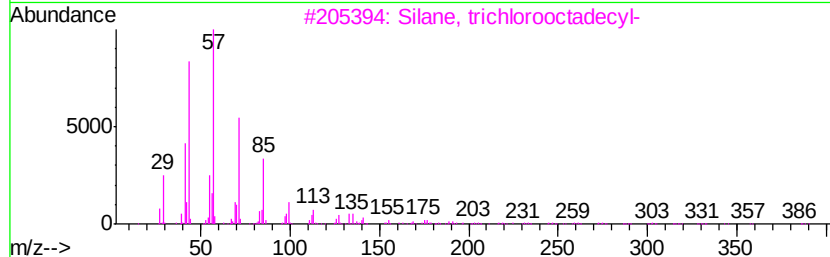
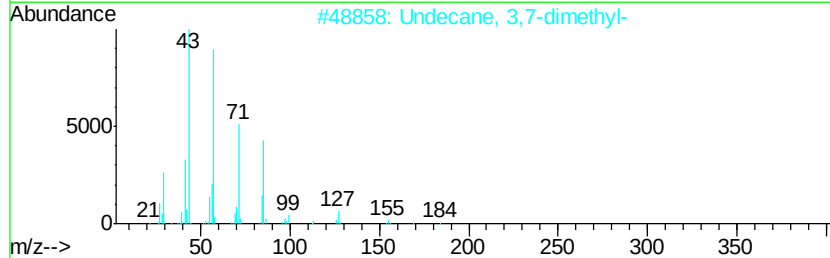
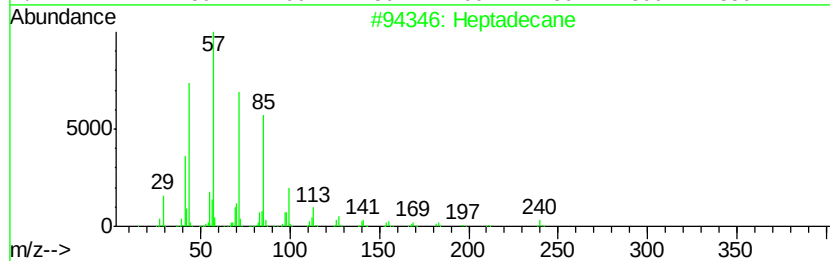
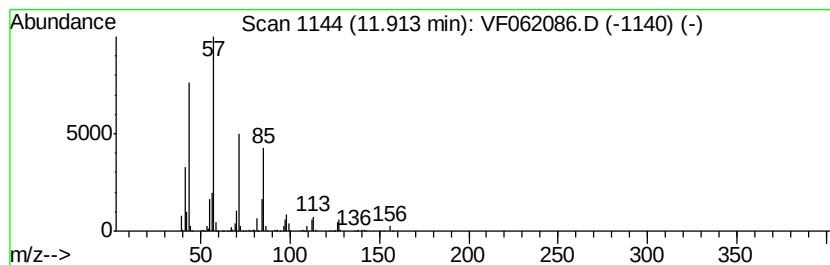
Instrument :
MSVOA_F
ClientSampleId :
WP022SB442-190319-FD-(12-14)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
Quant Title : SW846 8260

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

Peak Number 4 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	418.80 ug/l	1804460	1,4-Dichlorobenzene-d4	12.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptadecane	240 C17H36	000629-78-7	80
2	Undecane, 3,7-dimethyl-	184 C13H28	017301-29-0	78
3	Silane, trichlorooctadecyl-	386 C18H37Cl3Si	000112-04-9	78
4	Nonane, 4,5-dimethyl-	156 C11H24	017302-23-7	78
5	Hexane, 2,3,4-trimethyl-	128 C9H20	000921-47-1	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032219\
Data File : VF062086.D
Acq On : 22 Mar 2019 16:53
Operator : VA/AP
Sample : K2043-02
Misc : 5.69g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

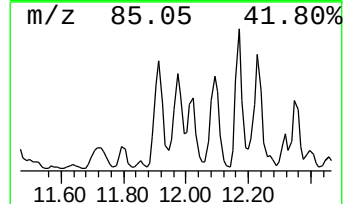
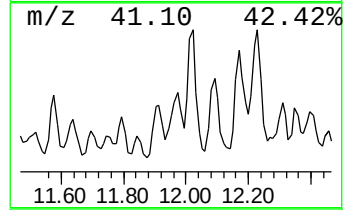
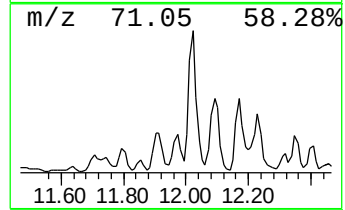
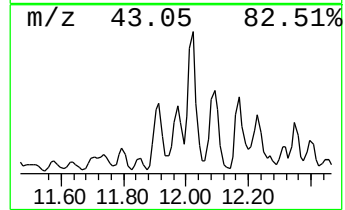
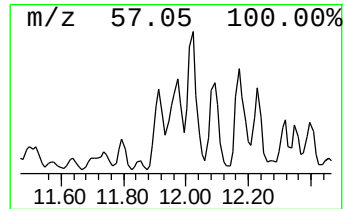
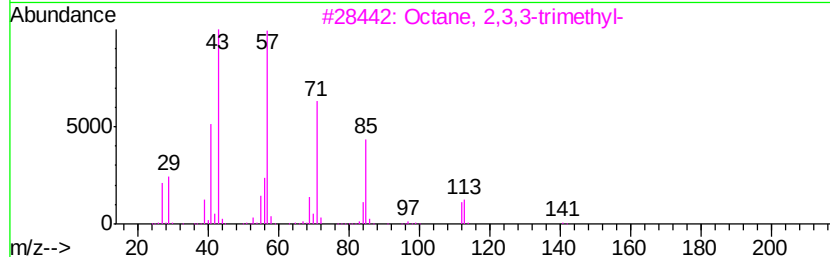
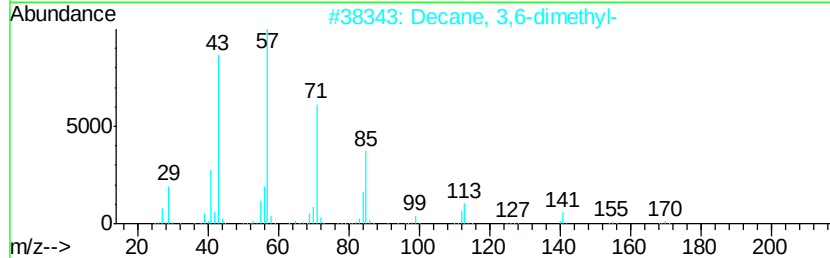
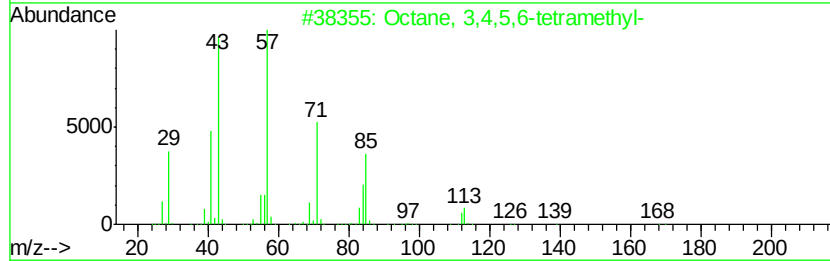
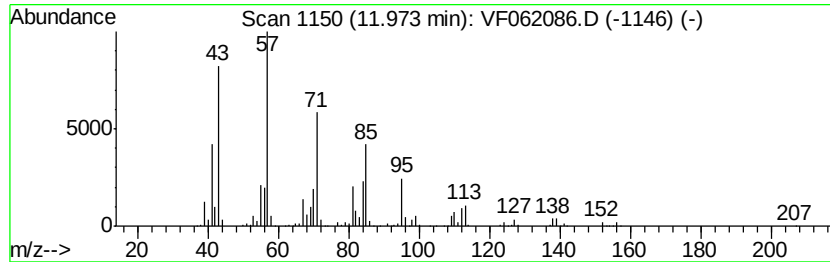
Instrument :
MSVOA_F
ClientSampleId :
WP022SB442-190319-FD-(12-14)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
Quant Title : SW846 8260

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

Peak Number 5 Octane, 3,4,5,6-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	455.86 ug/l	1964150	1,4-Dichlorobenzene-d4	12.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octane, 3,4,5,6-tetramethyl-	170 C12H26	062185-21-1	72
2	Decane, 3,6-dimethyl-	170 C12H26	017312-53-7	72
3	Octane, 2,3,3-trimethyl-	156 C11H24	062016-30-2	64
4	Hexane, 2,3,4-trimethyl-	128 C9H20	000921-47-1	58
5	Octane, 5-ethyl-2-methyl-	156 C11H24	062016-18-6	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032219\
Data File : VF062086.D
Acq On : 22 Mar 2019 16:53
Operator : VA/AP
Sample : K2043-02
Misc : 5.69g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
WP022SB442-190319-FD-(12-14)

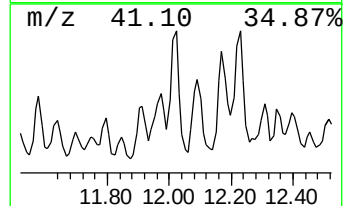
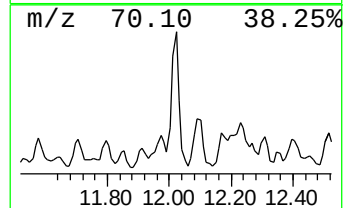
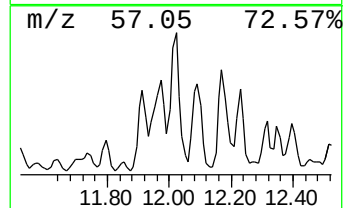
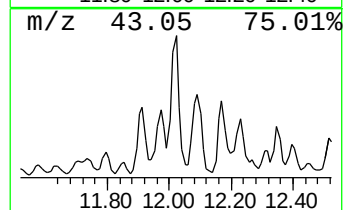
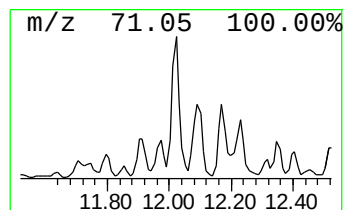
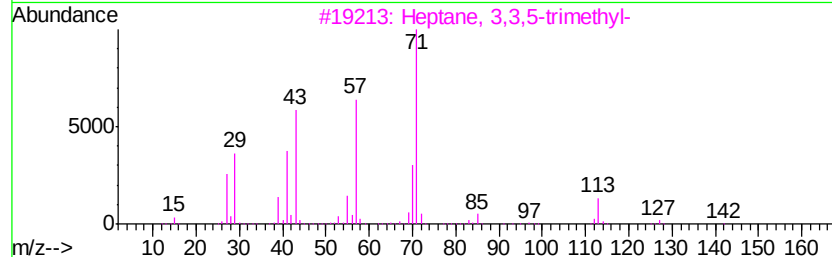
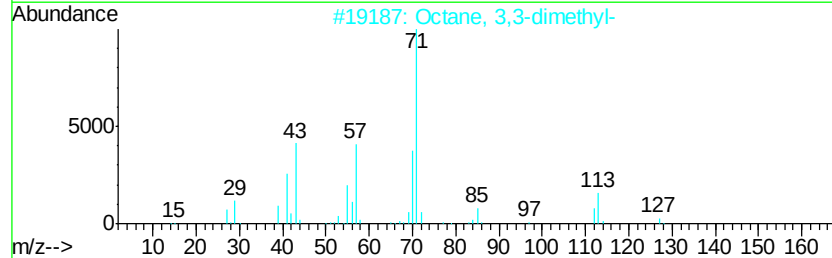
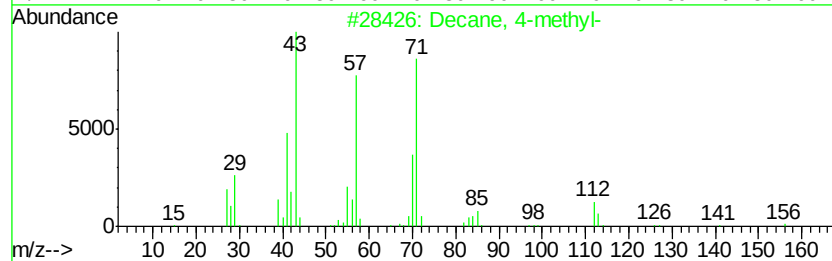
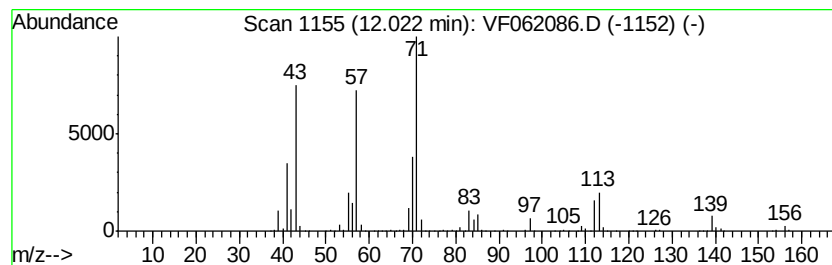
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
Quant Title : SW846 8260

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

Peak Number 6 Decane, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	885.40 ug/l	3814880	1,4-Dichlorobenzene-d4	12.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 4-methyl-	156	C11H24	002847-72-5	87
2		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
3		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	59
4		Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	59
5		1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032219\
Data File : VF062086.D
Acq On : 22 Mar 2019 16:53
Operator : VA/AP
Sample : K2043-02
Misc : 5.69g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
WP022SB442-190319-FD-(12-14)

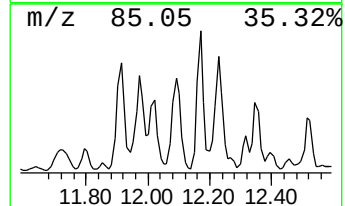
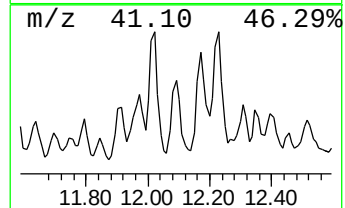
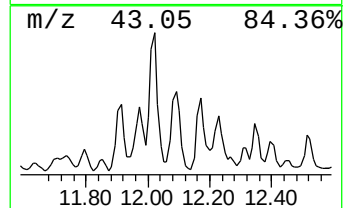
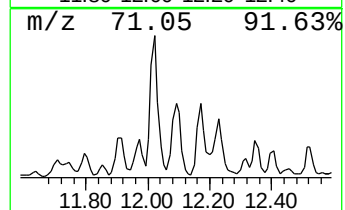
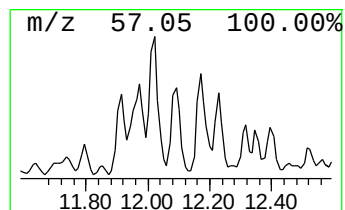
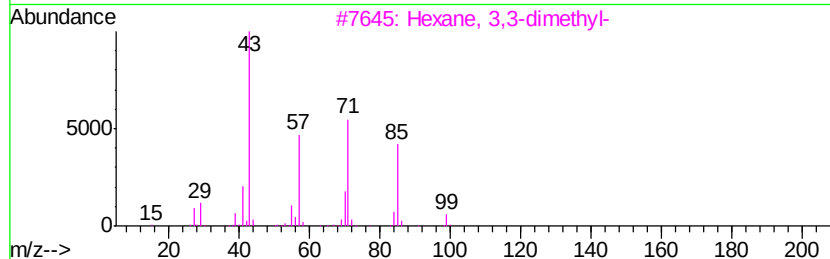
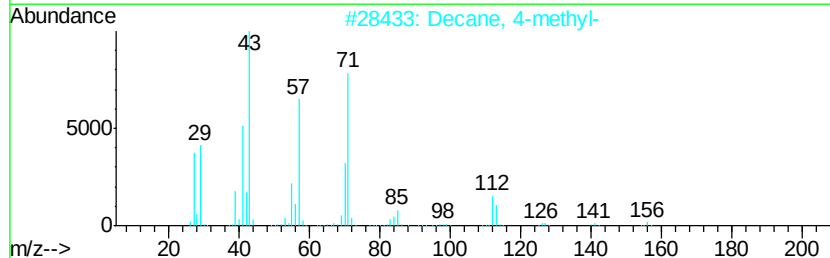
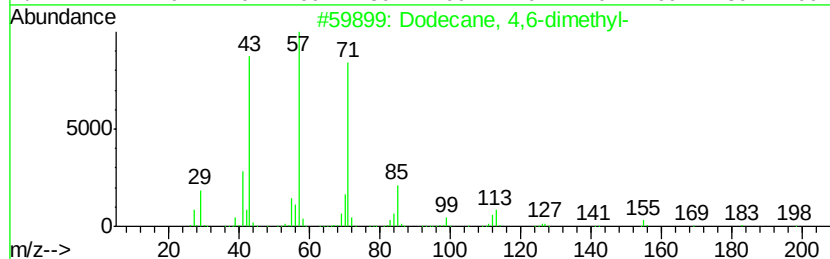
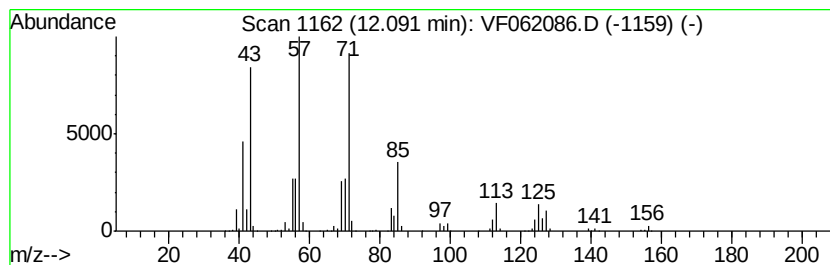
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
Quant Title : SW846 8260

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

Peak Number 7 Dodecane, 4,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	544.17 ug/l	2344650	1,4-Dichlorobenzene-d4	12.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	59	
2	Decane, 4-methyl-	156	C11H24	002847-72-5	58	
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	58	
4	Octane, 2-bromo-	192	C8H17Br	000557-35-7	50	
5	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	49	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032219\
Data File : VF062086.D
Acq On : 22 Mar 2019 16:53
Operator : VA/AP
Sample : K2043-02
Misc : 5.69g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

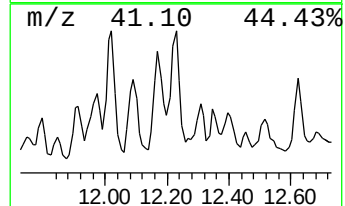
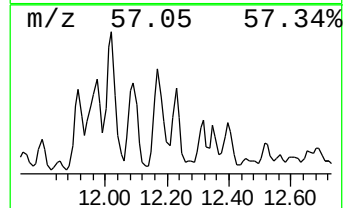
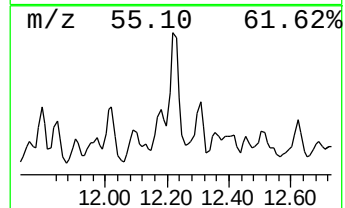
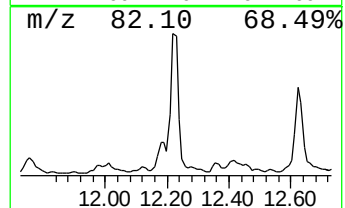
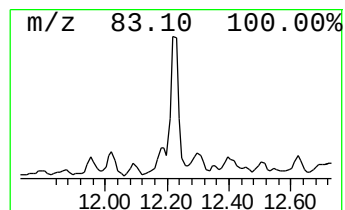
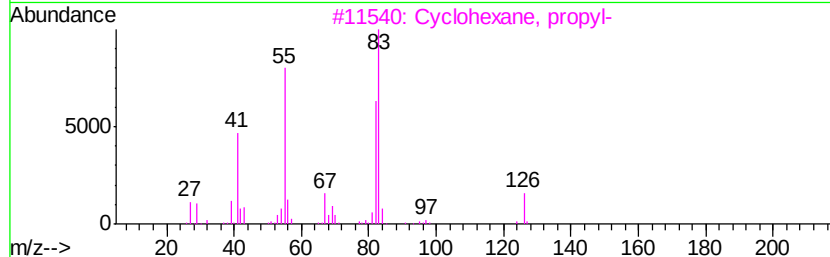
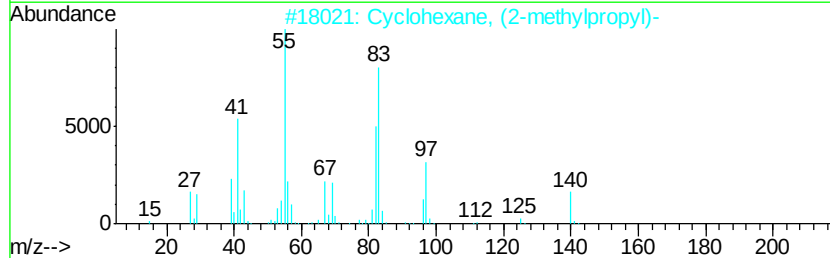
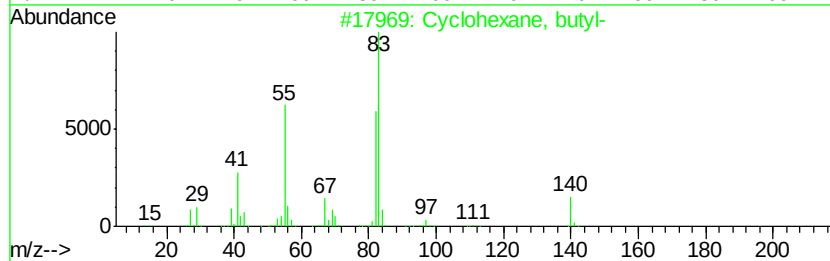
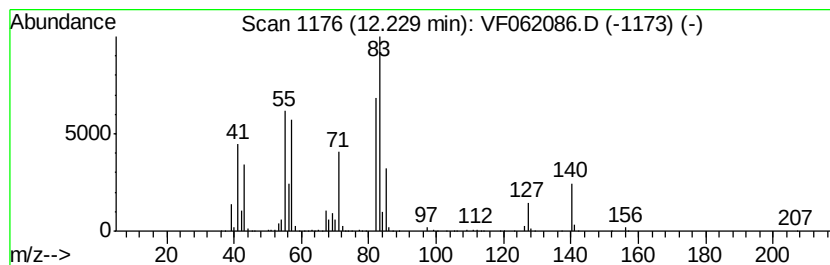
Instrument :
MSVOA_F
ClientSampleId :
WP022SB442-190319-FD-(12-14)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
Quant Title : SW846 8260

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

Peak Number 8 Cyclohexane, butyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	730.81 ug/l	3148830	1,4-Dichlorobenzene-d4	12.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, butyl-	140 C10H20	001678-93-9 64
2		Cyclohexane, (2-methylpropyl)-	140 C10H20	001678-98-4 50
3		Cyclohexane, propyl-	126 C9H18	001678-92-8 46
4		Cyclohexane, ethyl-	112 C8H16	001678-91-7 43
5		1-Butanone, 1-cyclohexyl-	154 C10H18O	001462-27-7 38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF032219\
Data File : VF062086.D
Acq On : 22 Mar 2019 16:53
Operator : VA/AP
Sample : K2043-02
Misc : 5.69g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
WP022SB442-190319-FD-(12-14)

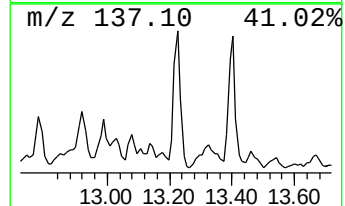
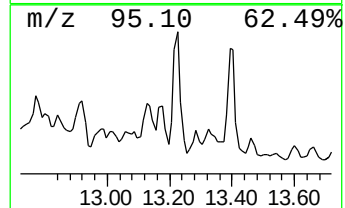
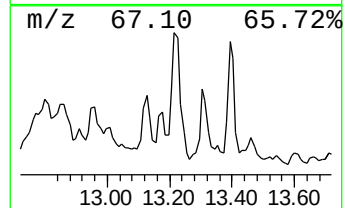
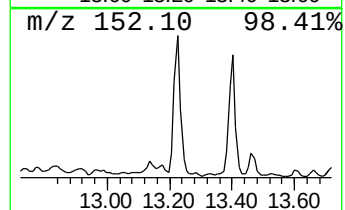
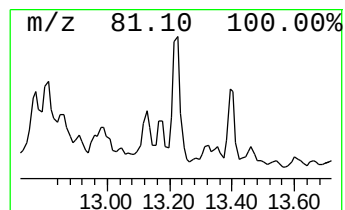
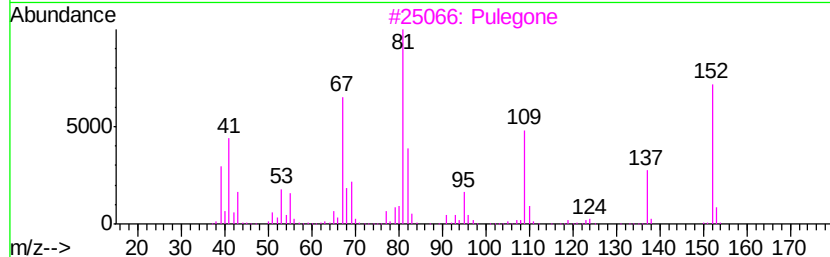
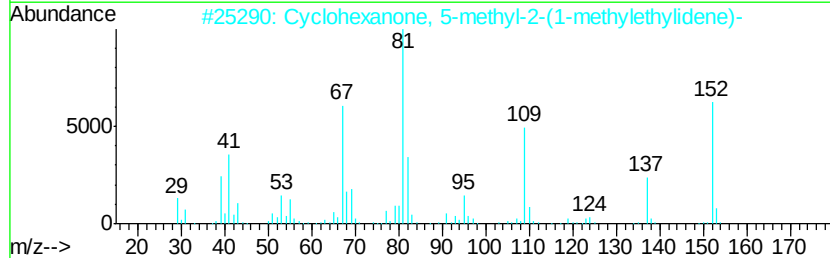
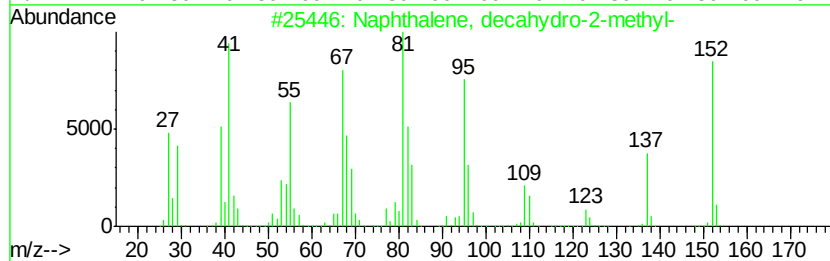
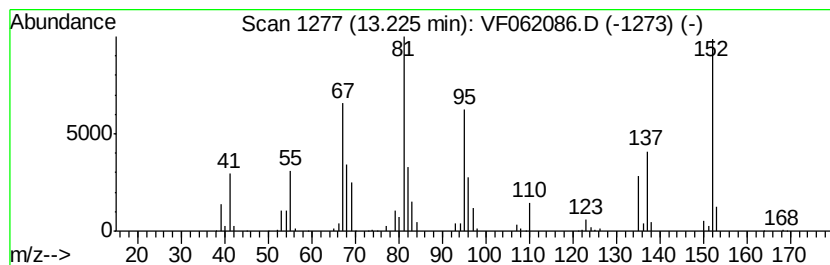
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
Quant Title : SW846 8260

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

Peak Number 9 unknown13.22 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	375.85 ug/l	1619400	1,4-Dichlorobenzene-d4	12.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	42
2		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	42
3		Pulegone	152	C10H16O	000089-82-7	42
4		Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	38
5		1-Adamantan-1-yl-6-chloro-7-fluo...	389	C21H21ClFN03	1000210-85-2	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF032219\
Data File : VF062086.D
Acq On : 22 Mar 2019 16:53
Operator : VA/AP
Sample : K2043-02
Misc : 5.69g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
WP022SB442-190319-FD-(12-14)

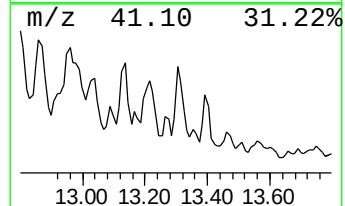
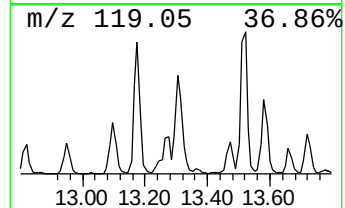
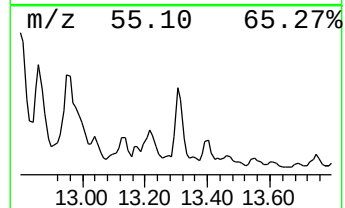
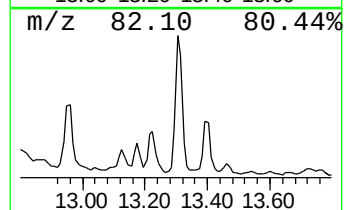
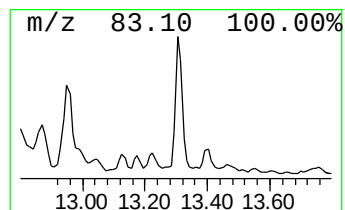
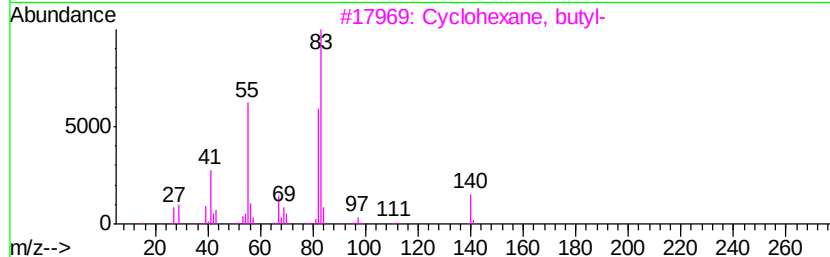
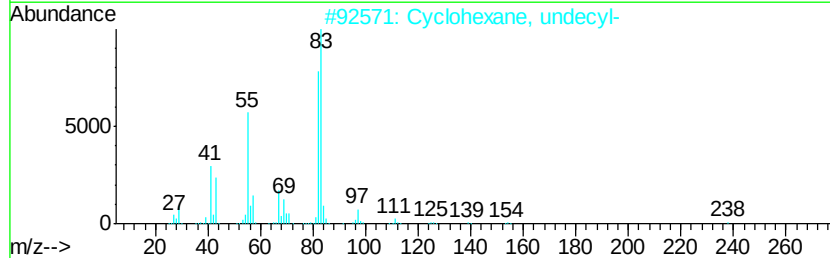
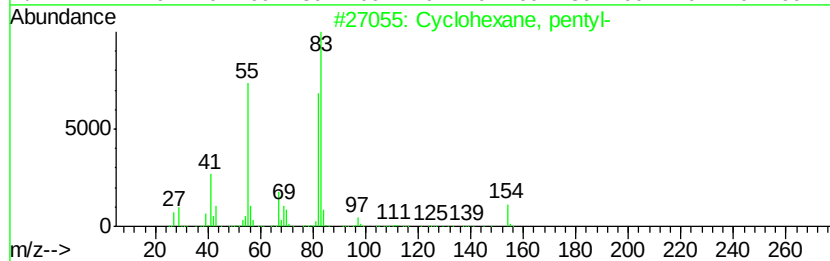
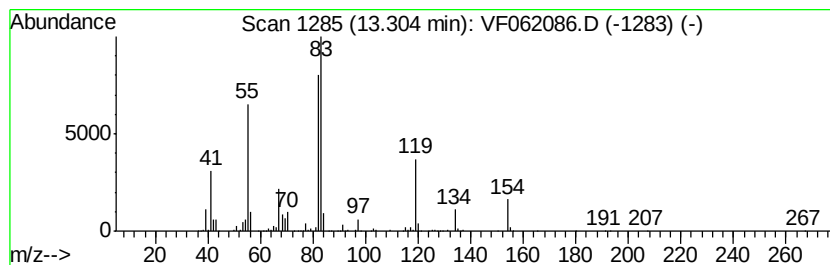
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
Quant Title : SW846 8260

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

Peak Number 10 Cyclohexane, pentyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	254.07 ug/l	1094730	1,4-Dichlorobenzene-d4	12.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	87
2		Cyclohexane, undecyl-	238	C17H34	054105-66-7	64
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	59
4		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	59
5		Cyclohexane, octyl-	196	C14H28	001795-15-9	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF032219\
Data File : VF062086.D
Acq On : 22 Mar 2019 16:53
Operator : VA/AP
Sample : K2043-02
Misc : 5.69g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
WP022SB442-190319-FD-(12-14)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.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
Cyclohexane, 1,3-...	7.05	431.8	ug/l	972365	2	5.63	112598	50.0
Octane, 2,6-dimet...	11.24	474.4	ug/l	2044040	4	12.58	215434	50.0
Cyclohexane, 1,1,...	11.29	374.0	ug/l	1611400	4	12.58	215434	50.0
Heptadecane	11.91	418.8	ug/l	1804460	4	12.58	215434	50.0
Octane, 3,4,5,6-t...	11.97	455.9	ug/l	1964150	4	12.58	215434	50.0
Decane, 4-methyl-	12.02	885.4	ug/l	3814880	4	12.58	215434	50.0
Dodecane, 4,6-dim...	12.09	544.2	ug/l	2344650	4	12.58	215434	50.0
Cyclohexane, butyl-	12.23	730.8	ug/l	3148830	4	12.58	215434	50.0
unknown13.22	13.22	375.9	ug/l	1619400	4	12.58	215434	50.0
Cyclohexane, pentyl-	13.30	254.1	ug/l	1094730	4	12.58	215434	50.0