

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF100818\
 Data File : VF060486.D
 Acq On : 8 Oct 2018 16:03
 Operator : VA/AP
 Sample : J5084-18
 Misc : 6.09/5mL/MSVOA_F/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 B-5(12-12.5)

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\82F100118S.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	1.335	68	71	73	rBV	1054907	1868039	5.09%	0.332%
2	1.394	73	77	83	rVV	1492654	5632125	15.35%	1.001%
3	1.493	83	87	102	rVB	1170862	4520577	12.32%	0.803%
4	2.074	135	146	159	rBV	3139780	14504777	39.54%	2.577%
5	2.459	179	185	196	rVB	1075720	2713868	7.40%	0.482%
6	3.040	237	244	262	rVV2	1636602	10125592	27.60%	1.799%
7	3.878	319	329	337	rBV	1941037	8617084	23.49%	1.531%
8	4.066	338	348	352	rVV3	1762232	11703669	31.90%	2.080%
9	4.154	353	357	378	rVB2	2455221	12515362	34.12%	2.224%
10	4.430	378	385	388	rBV2	699402	2538739	6.92%	0.451%
11	4.519	389	394	398	rVV4	819488	3505450	9.56%	0.623%
12	4.667	398	409	436	rVB	4535540	36682998	100.00%	6.518%
13	5.002	436	443	446	rBV3	496635	1724162	4.70%	0.306%
14	5.071	447	450	459	rVB2	620407	2273791	6.20%	0.404%
15	5.593	492	503	514	rBV2	1372957	8732839	23.81%	1.552%
16	5.791	518	523	527	rVV	1481791	5695214	15.53%	1.012%
17	5.879	527	532	548	rVV3	2367496	13187682	35.95%	2.343%
18	6.106	548	555	566	rVB3	565838	3101912	8.46%	0.551%
19	6.422	572	587	598	rBV3	3729434	24247674	66.10%	4.309%
20	6.609	598	606	614	rVV4	3759964	25351758	69.11%	4.505%
21	6.727	614	618	621	rVV	3030920	9633107	26.26%	1.712%
22	6.776	621	623	631	rVV	2135805	6106432	16.65%	1.085%
23	6.954	632	641	656	rVV2	3711966	17048979	46.48%	3.029%
24	7.190	656	665	669	rVV4	1124615	5694143	15.52%	1.012%
25	7.279	669	674	680	rVV	2146421	7979205	21.75%	1.418%
26	7.378	680	684	688	rVV	1154143	3260731	8.89%	0.579%
27	7.447	688	691	694	rVV2	740998	1864379	5.08%	0.331%
28	7.506	694	697	702	rVB2	878669	2235278	6.09%	0.397%
29	7.673	709	714	720	rVV4	567271	2281697	6.22%	0.405%
30	7.890	731	736	739	rBV	756128	2132426	5.81%	0.379%
31	7.949	739	742	747	rVB2	1080355	2908963	7.93%	0.517%
32	8.127	755	760	767	rVB2	588725	1880490	5.13%	0.334%
33	8.245	767	772	777	rBV2	800151	2428640	6.62%	0.432%
34	8.403	782	788	795	rBV3	1238485	4173228	11.38%	0.742%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF100818\
 Data File : VF060486.D
 Acq On : 8 Oct 2018 16:03
 Operator : VA/AP
 Sample : J5084-18
 Misc : 6.09/5mL/MSVOA_F/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 B-5(12-12.5)

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\82F100118S.M
 Title : SW846 8260

35	8.511	795	799	801	rVV2	786544	1780386	4.85%	0.316%
36	8.580	801	806	818	rVB2	2822867	11137288	30.36%	1.979%
37	8.748	818	823	832	rBV5	1054698	4926458	13.43%	0.875%
38	8.955	841	844	852	rVB3	675369	2113274	5.76%	0.376%
39	9.093	852	858	861	rBV	1640222	4782436	13.04%	0.850%
40	9.162	862	865	867	rVV	1138464	2725852	7.43%	0.484%
41	9.231	867	872	879	rVB	3578130	10236309	27.90%	1.819%
42	9.408	884	890	894	rVV	3077431	7404087	20.18%	1.316%
43	9.527	899	902	907	rVB2	657756	1678342	4.58%	0.298%
44	9.635	907	913	918	rBV4	1316477	4648338	12.67%	0.826%
45	9.793	924	929	935	rBV3	1153124	4304096	11.73%	0.765%
46	9.881	935	938	942	rVB	1227964	2634891	7.18%	0.468%
47	10.000	946	950	955	rVB2	813860	2239450	6.10%	0.398%
48	10.088	955	959	965	rVB3	986719	2560055	6.98%	0.455%
49	10.345	979	985	992	rBV	1640123	5795365	15.80%	1.030%
50	10.453	992	996	999	rBV	1259745	3006858	8.20%	0.534%
51	10.581	1005	1009	1011	rBV	1467061	3249031	8.86%	0.577%
52	10.759	1024	1027	1035	rVB3	2771917	7025992	19.15%	1.248%
53	10.867	1035	1038	1041	rBV	840108	1626728	4.43%	0.289%
54	11.123	1059	1064	1067	rBV3	1636802	4713588	12.85%	0.838%
55	11.202	1067	1072	1074	rVV3	2848598	6831352	18.62%	1.214%
56	11.242	1074	1076	1078	rVV	2042808	3192374	8.70%	0.567%
57	11.301	1078	1082	1084	rVV	3287007	6093330	16.61%	1.083%
58	11.350	1084	1087	1091	rVB	2921242	5324548	14.52%	0.946%
59	11.508	1097	1103	1106	rBV4	925936	2486317	6.78%	0.442%
60	11.626	1112	1115	1117	rBV	1065496	1980412	5.40%	0.352%
61	11.666	1117	1119	1123	rVB	3121090	5002528	13.64%	0.889%
62	11.794	1129	1132	1135	rVB	1597997	2706844	7.38%	0.481%
63	12.020	1150	1155	1157	rBV4	1037082	2249656	6.13%	0.400%
64	12.060	1157	1159	1161	rVV	1778448	3123975	8.52%	0.555%
65	12.129	1164	1166	1171	rVB	1944809	3429151	9.35%	0.609%
66	12.208	1171	1174	1176	rBV	1267321	2232519	6.09%	0.397%
67	12.267	1178	1180	1183	rVB2	1382006	2238071	6.10%	0.398%
68	12.365	1183	1190	1195	rBV2	4116499	9281093	25.30%	1.649%
69	12.444	1195	1198	1200	rBV	1483208	2158502	5.88%	0.384%
70	12.484	1200	1202	1204	rVV2	1122733	1757284	4.79%	0.312%
71	12.513	1204	1205	1208	rVB	1377946	1578957	4.30%	0.281%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF100818\
 Data File : VF060486.D
 Acq On : 8 Oct 2018 16:03
 Operator : VA/AP
 Sample : J5084-18
 Misc : 6.09/5mL/MSVOA_F/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 B-5(12-12.5)

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\82F100118S.M
 Title : SW846 8260

72	12.602	1208	1214	1217	rVB3	2351447	5946332	16.21%	1.057%
73	12.671	1217	1221	1225	rVB	2373067	3588054	9.78%	0.638%
74	12.799	1228	1234	1236	rBV3	5026306	8797789	23.98%	1.563%
75	12.878	1236	1242	1248	rVB3	7974766	21852403	59.57%	3.883%
76	12.986	1248	1253	1255	rBV3	1183451	2308156	6.29%	0.410%
77	13.065	1258	1261	1263	rBV2	994917	1642304	4.48%	0.292%
78	13.134	1263	1268	1270	rBV2	2871517	5010919	13.66%	0.890%
79	13.213	1273	1276	1281	rVB	7568961	11562491	31.52%	2.055%
80	13.302	1281	1285	1288	rBV3	1817865	4084281	11.13%	0.726%
81	13.469	1300	1302	1304	rBV	1870016	2773342	7.56%	0.493%
82	13.548	1307	1310	1312	rVB	4665327	5952945	16.23%	1.058%
83	13.696	1321	1325	1328	rBV	2425872	3345140	9.12%	0.594%
84	13.755	1328	1331	1334	rVV	3542964	5471398	14.92%	0.972%
85	13.805	1334	1336	1339	rVV3	797777	1976910	5.39%	0.351%
86	13.854	1339	1341	1343	rVV	2593128	3792537	10.34%	0.674%
87	13.903	1343	1346	1350	rVV3	3786304	8121679	22.14%	1.443%
88	13.972	1350	1353	1355	rVV	3571752	5690921	15.51%	1.011%
89	14.012	1355	1357	1360	rVV2	866084	1595488	4.35%	0.284%
90	14.130	1363	1369	1371	rVV	2412613	5398342	14.72%	0.959%
91	14.179	1371	1374	1379	rVV3	3401648	8712881	23.75%	1.548%
92	14.268	1380	1383	1386	rVV	2914939	5419543	14.77%	0.963%
93	14.406	1394	1397	1401	rVV3	953939	2268512	6.18%	0.403%
94	14.475	1401	1404	1406	rVV3	1301397	2400668	6.54%	0.427%
95	14.504	1406	1407	1409	rVV	1112523	1669239	4.55%	0.297%
96	14.544	1409	1411	1415	rVV3	1267640	2630030	7.17%	0.467%
97	14.642	1419	1421	1424	rVV	1718794	2551445	6.96%	0.453%
98	14.780	1432	1435	1438	rVV2	1778327	3702430	10.09%	0.658%
99	14.909	1446	1448	1455	rVV3	1141170	3793620	10.34%	0.674%
100	15.047	1459	1462	1467	rVV2	689149	1587414	4.33%	0.282%

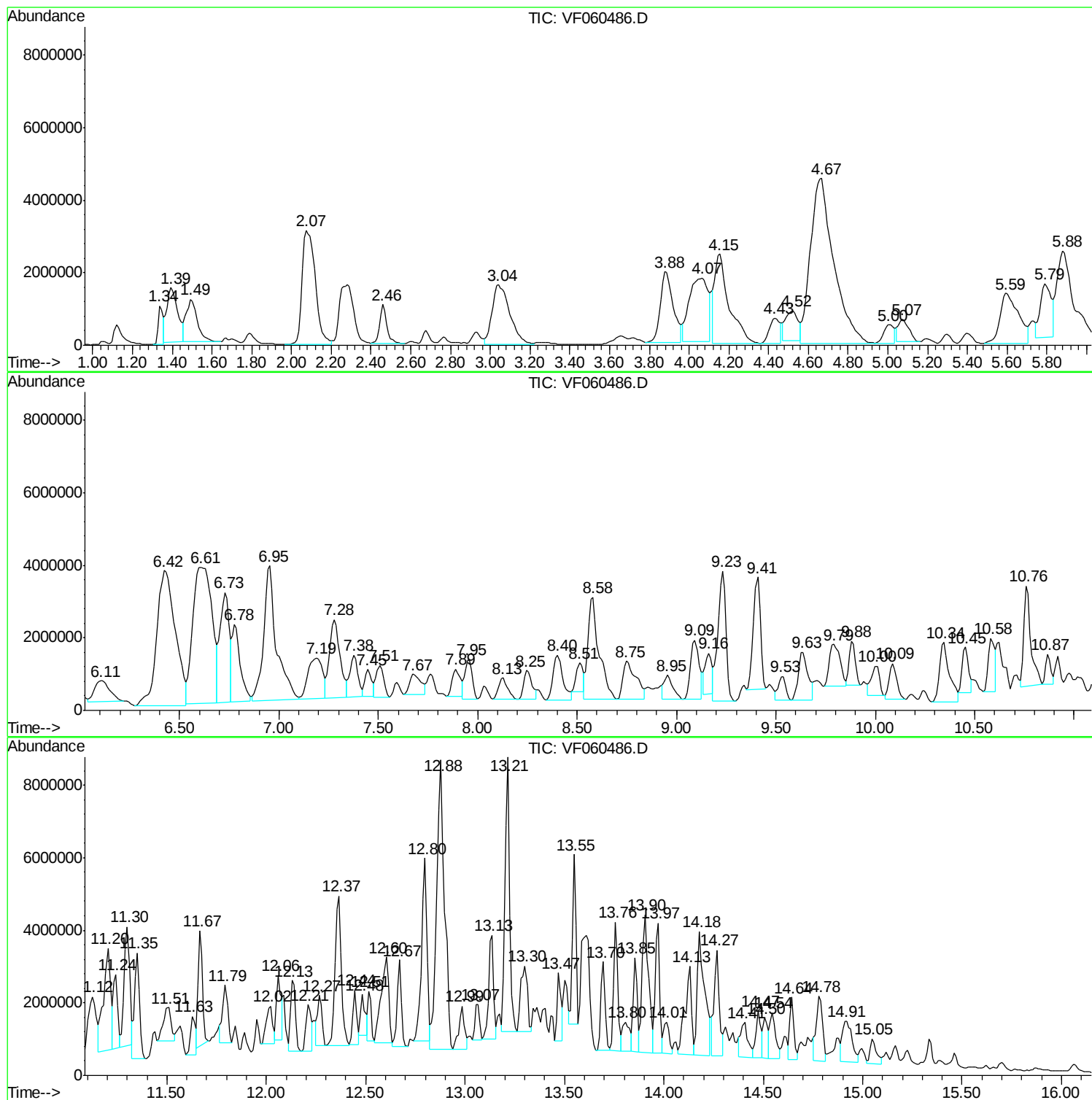
Sum of corrected areas: 562773960

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF100818\
Data File : VF060486.D
Acq On : 8 Oct 2018 16:03
Operator : VA/AP
Sample : J5084-18
Misc : 6.09/5mL/MSVOA_F/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
B-5(12-12.5)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF100818\
Data File : VF060486.D
Acq On : 8 Oct 2018 16:03
Operator : VA/AP
Sample : J5084-18
Misc : 6.09/5mL/MSVOA_F/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
B-5(12-12.5)

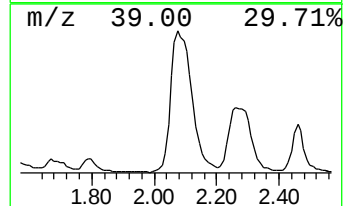
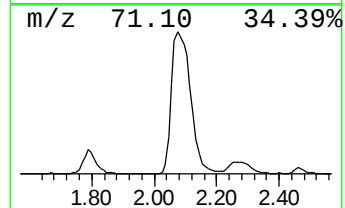
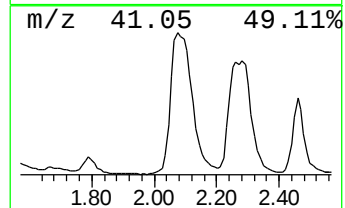
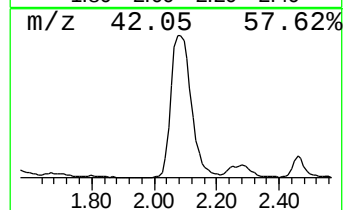
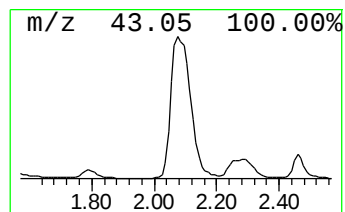
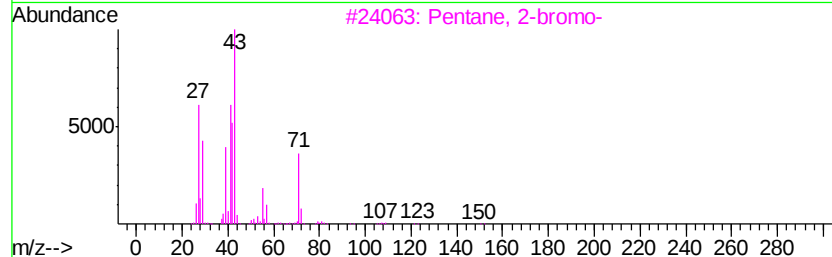
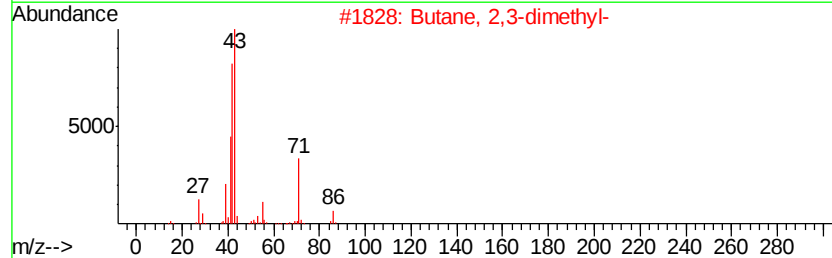
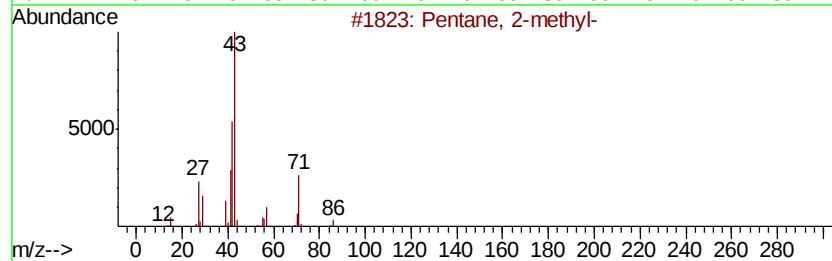
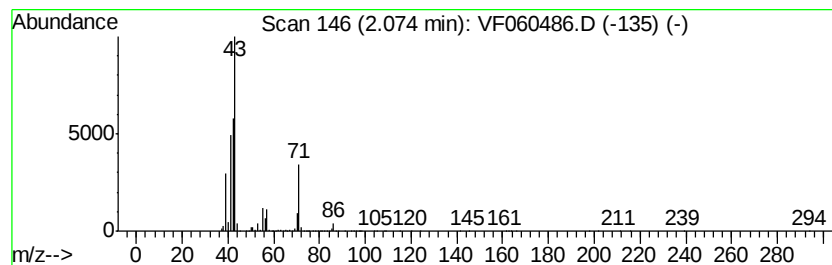
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260

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

Peak Number 1 Pentane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.07	420.63 ug/l	14504800	Pentafluorobenzene	5.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2-methyl-	86	C6H14	000107-83-5	90
2		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	72
3		Pentane, 2-bromo-	150	C5H11Br	000107-81-3	50
4		1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	38
5		Pentane	72	C5H12	000109-66-0	28



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF100818\
Data File : VF060486.D
Acq On : 8 Oct 2018 16:03
Operator : VA/AP
Sample : J5084-18
Misc : 6.09/5mL/MSVOA_F/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
B-5(12-12.5)

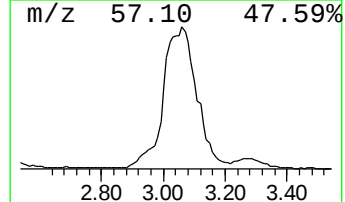
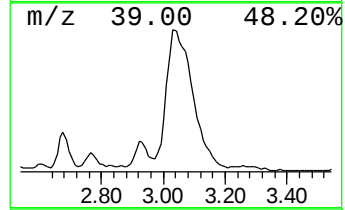
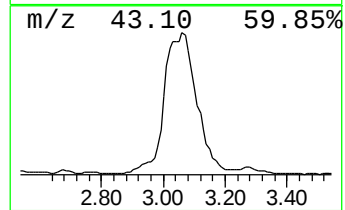
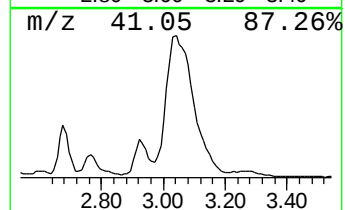
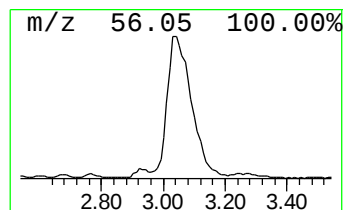
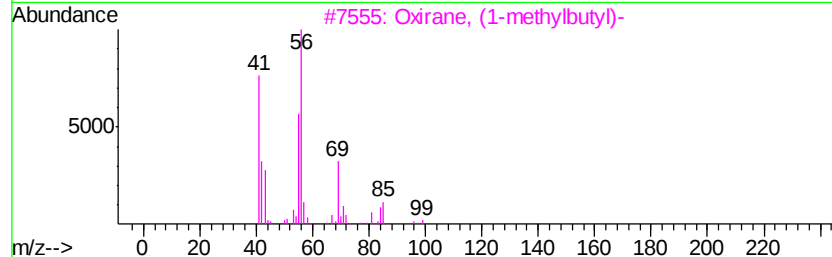
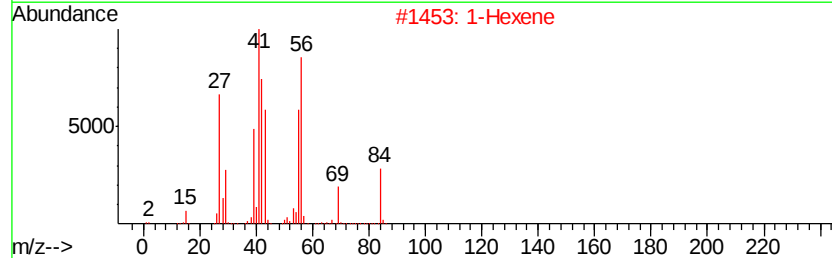
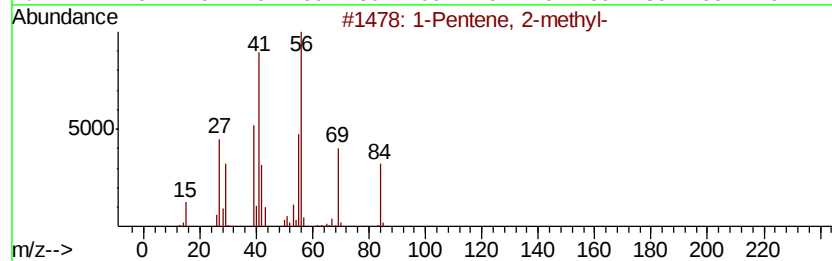
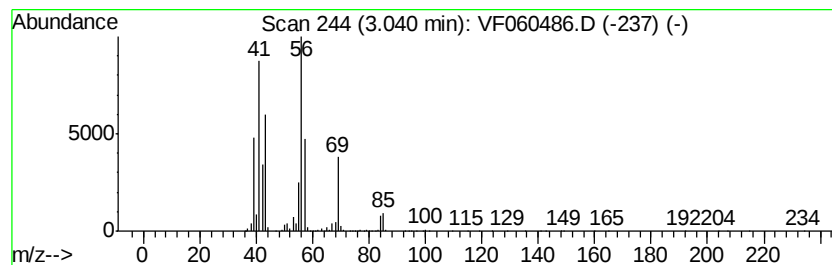
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260

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

Peak Number 2 1-Pentene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	293.64 ug/l	10125600	Pentafluorobenzene	5.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	78
2		1-Hexene	84	C6H12	000592-41-6	59
3		Oxirane, (1-methylbutyl)-	114	C7H14O	053229-39-3	56
4		Cyclohexane	84	C6H12	000110-82-7	53
5		1-Hexene, 5-methyl-	98	C7H14	003524-73-0	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF100818\
Data File : VF060486.D
Acq On : 8 Oct 2018 16:03
Operator : VA/AP
Sample : J5084-18
Misc : 6.09/5mL/MSVOA_F/SOIL
ALS Vial : 39 Sample Multiplier: 1

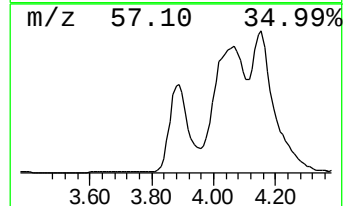
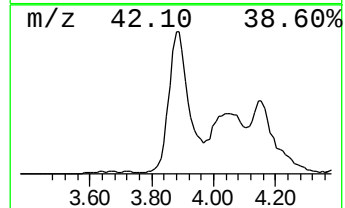
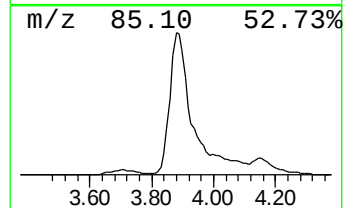
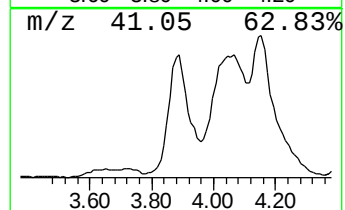
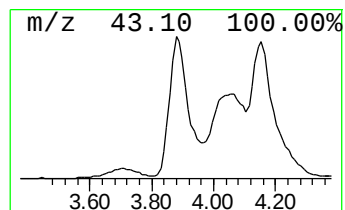
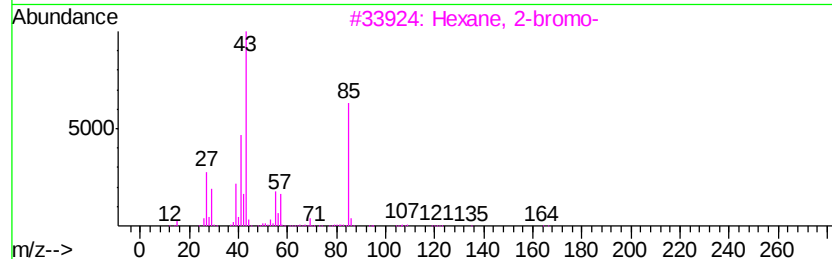
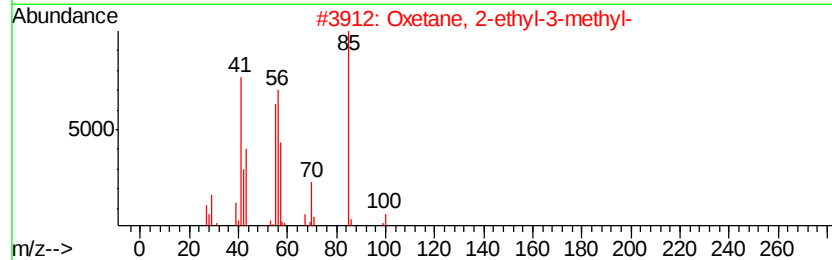
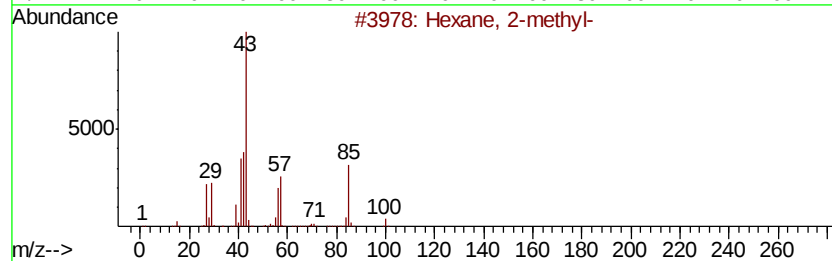
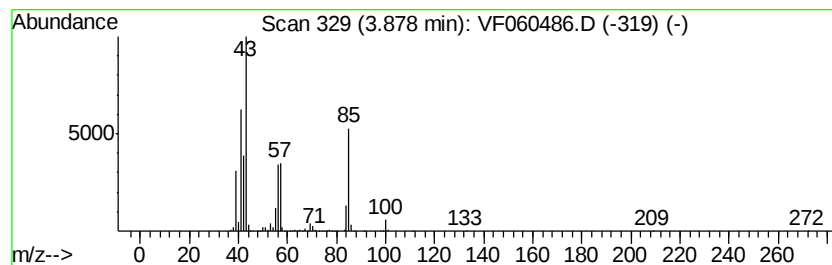
Instrument :
MSVOA_F
ClientSampleId :
B-5(12-12.5)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260

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

Peak Number 3 Hexane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
3.88	249.89 ug/l	8617080	Pentafluorobenzene	5.00		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2-methyl-	100	C7H16	000591-76-4	91	
2	Oxetane, 2-ethyl-3-methyl-	100	C6H12O	053778-62-4	52	
3	Hexane, 2-bromo-	164	C6H13Br	003377-86-4	47	
4	Hexane, 3-bromo-	164	C6H13Br	003377-87-5	47	
5	Heptane, 4,4-dimethyl-	128	C9H20	001068-19-5	47	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF100818\
Data File : VF060486.D
Acq On : 8 Oct 2018 16:03
Operator : VA/AP
Sample : J5084-18
Misc : 6.09/5mL/MSVOA_F/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
B-5(12-12.5)

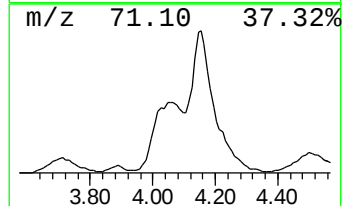
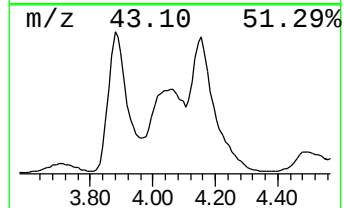
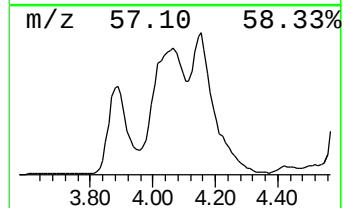
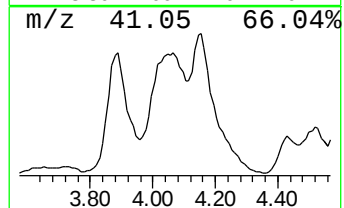
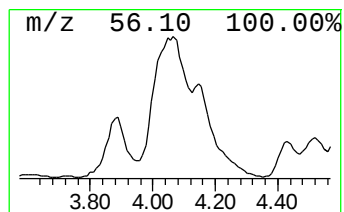
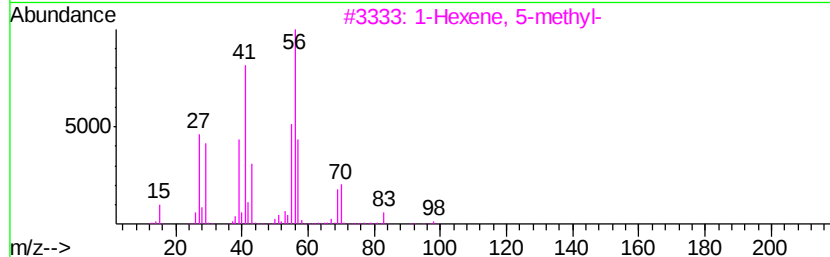
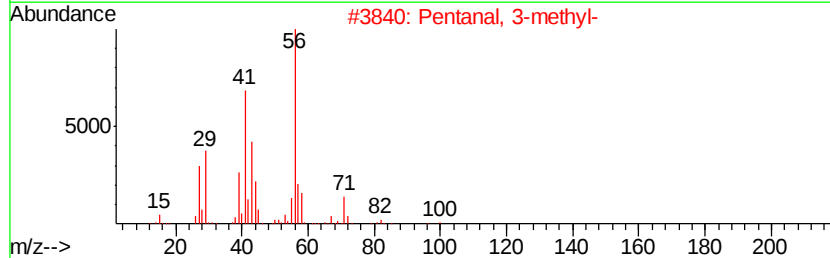
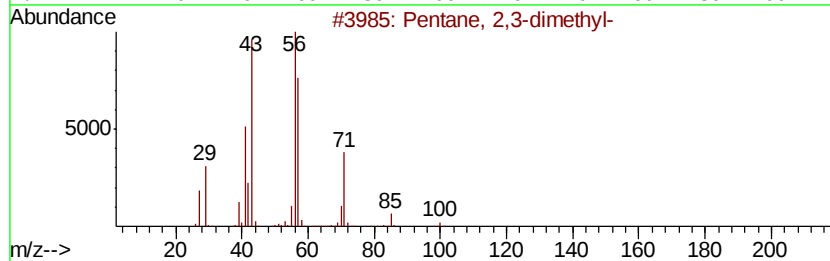
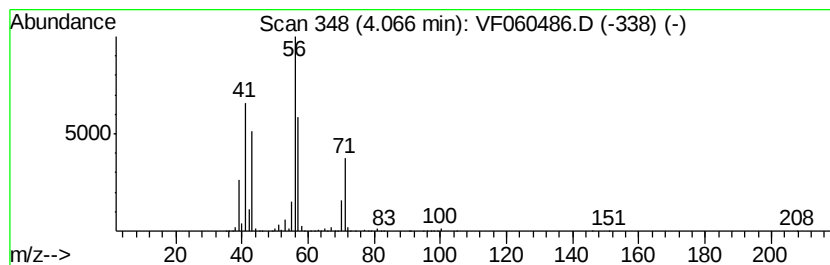
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260

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

Peak Number 4 Pentane, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.07	339.40 ug/l	11703700	Pentafluorobenzene	5.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	78
2		Pentanal, 3-methyl-	100	C6H12O	015877-57-3	72
3		1-Hexene, 5-methyl-	98	C7H14	003524-73-0	59
4		1-Hexene, 2-methyl-	98	C7H14	006094-02-6	59
5		Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF100818\
Data File : VF060486.D
Acq On : 8 Oct 2018 16:03
Operator : VA/AP
Sample : J5084-18
Misc : 6.09/5mL/MSVOA_F/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
B-5(12-12.5)

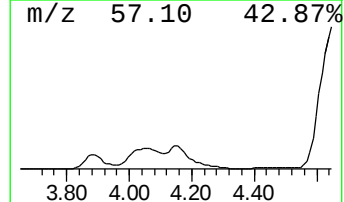
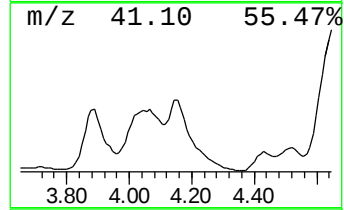
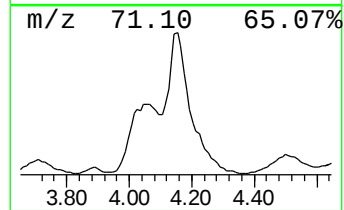
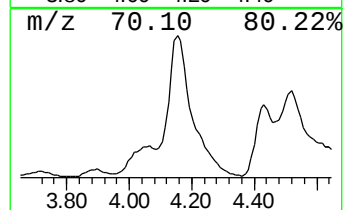
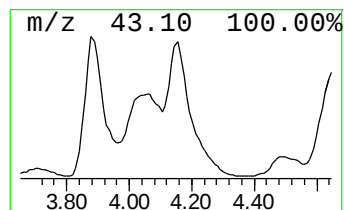
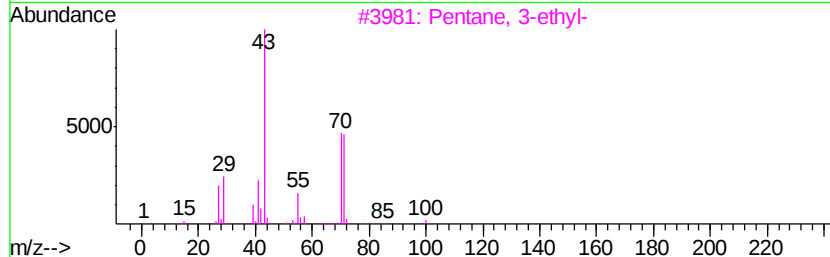
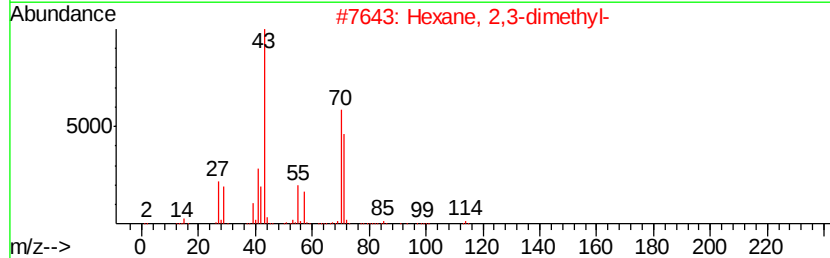
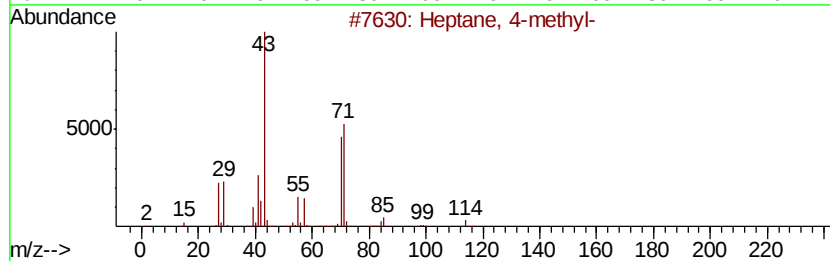
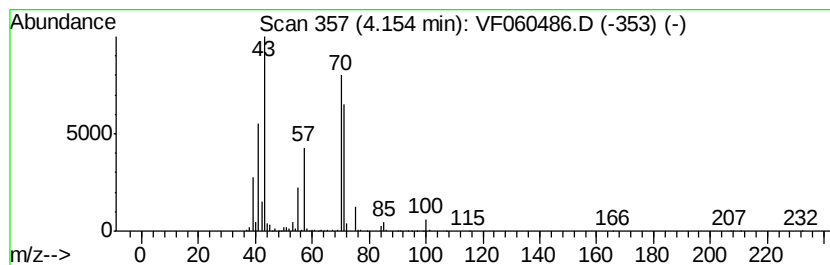
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260

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

Peak Number 5 Heptane, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.15	362.94 ug/l	12515400	Pentafluorobenzene	5.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 4-methyl-	114	C8H18	000589-53-7	78
2		Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	78
3		Pentane, 3-ethyl-	100	C7H16	000617-78-7	72
4		Hexane, 3-methyl-	100	C7H16	000589-34-4	58
5		Propanoic acid, 2-methyl-, 2-met...	158	C9H18O2	002445-69-4	56



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF100818\
Data File : VF060486.D
Acq On : 8 Oct 2018 16:03
Operator : VA/AP
Sample : J5084-18
Misc : 6.09/5mL/MSVOA_F/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
B-5(12-12.5)

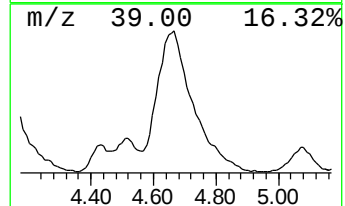
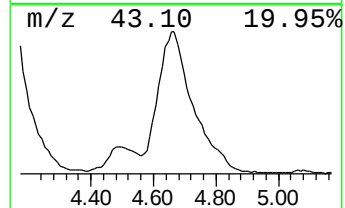
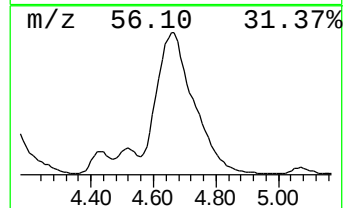
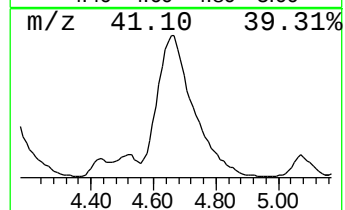
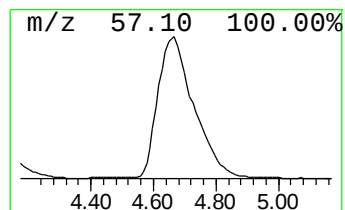
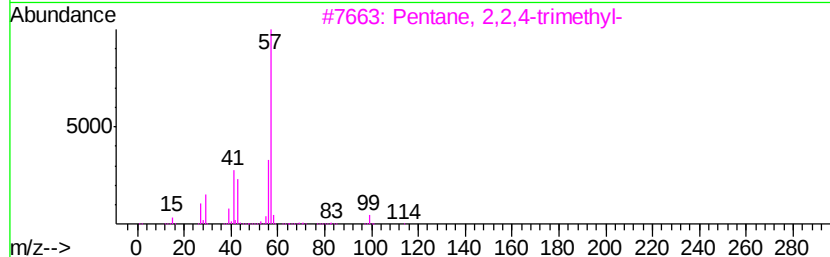
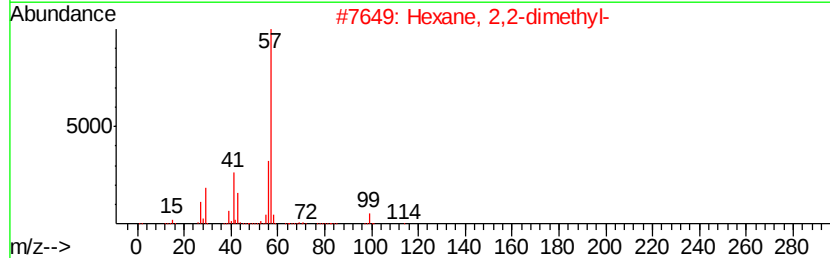
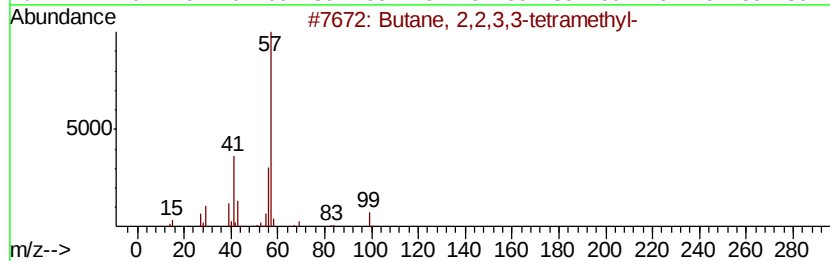
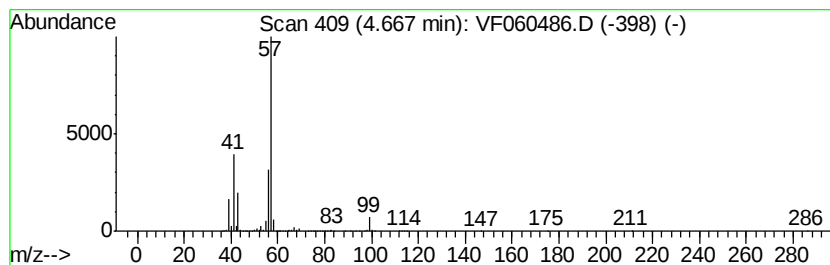
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260

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

Peak Number 6 Butane, 2,2,3,3-tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.67	1063.79 ug/l	36683000	Pentafluorobenzene	5.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
2			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
3			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	64
4			Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	42
5			Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF100818\
Data File : VF060486.D
Acq On : 8 Oct 2018 16:03
Operator : VA/AP
Sample : J5084-18
Misc : 6.09/5mL/MSVOA_F/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
B-5(12-12.5)

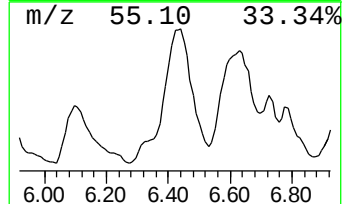
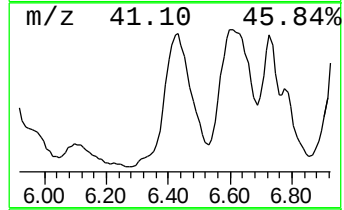
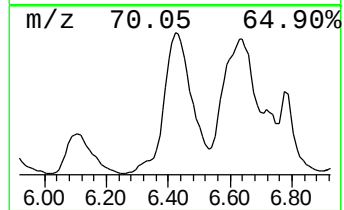
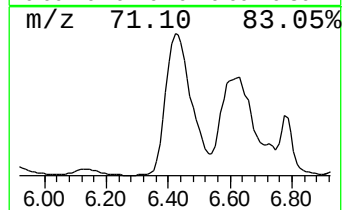
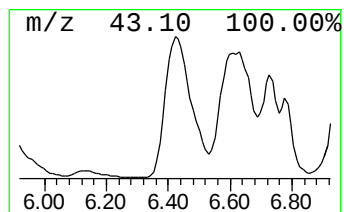
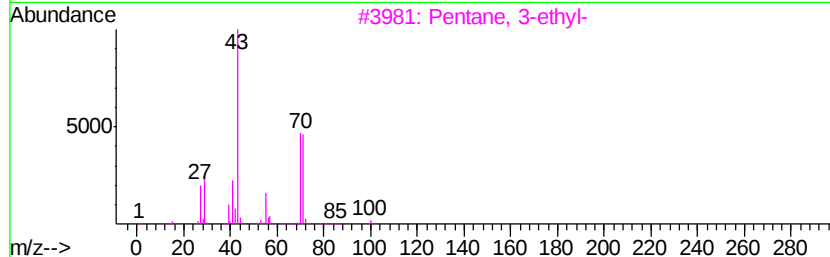
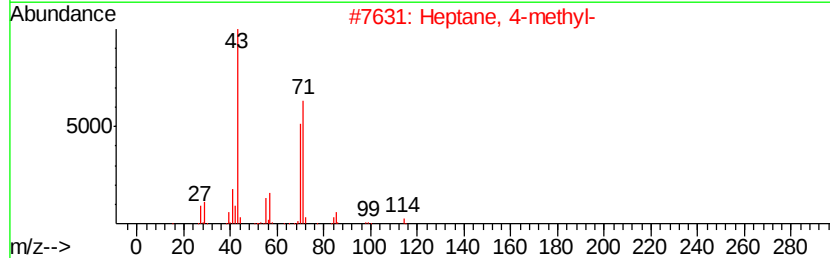
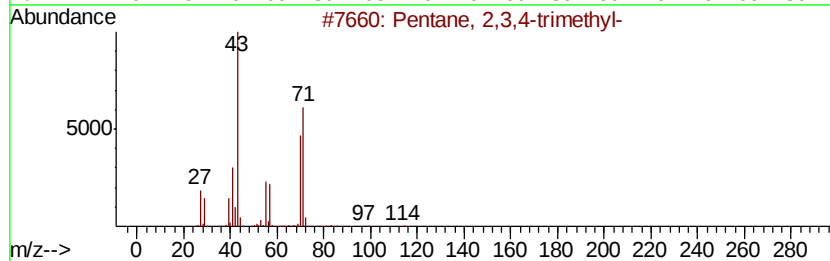
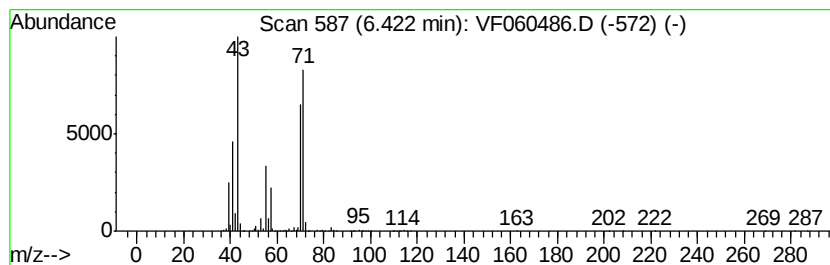
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260

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

Peak Number 7 Pentane, 2,3,4-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	212.88 ug/l	24247700	1,4-Difluorobenzene	5.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2		Heptane, 4-methyl-	114	C8H18	000589-53-7	83
3		Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
4		Hexane, 3-methyl-	100	C7H16	000589-34-4	78
5		Butane, 1,1'-oxybis[3-methyl-	158	C10H22O	000544-01-4	74



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF100818\
Data File : VF060486.D
Acq On : 8 Oct 2018 16:03
Operator : VA/AP
Sample : J5084-18
Misc : 6.09/5mL/MSVOA_F/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
B-5(12-12.5)

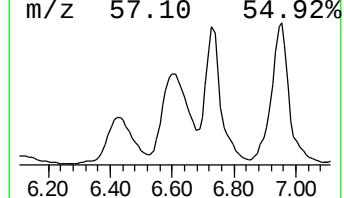
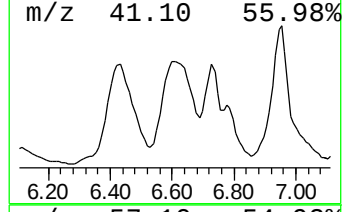
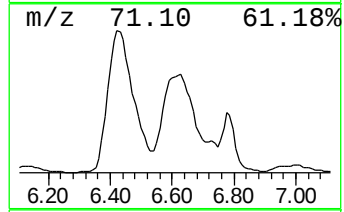
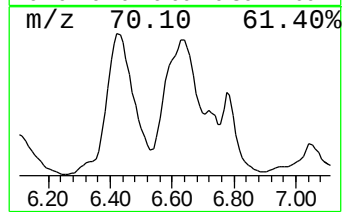
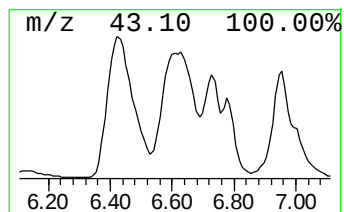
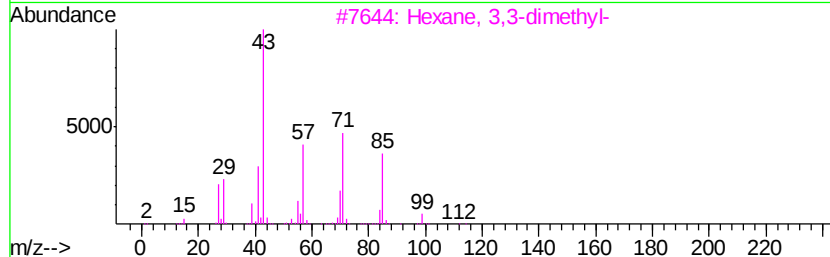
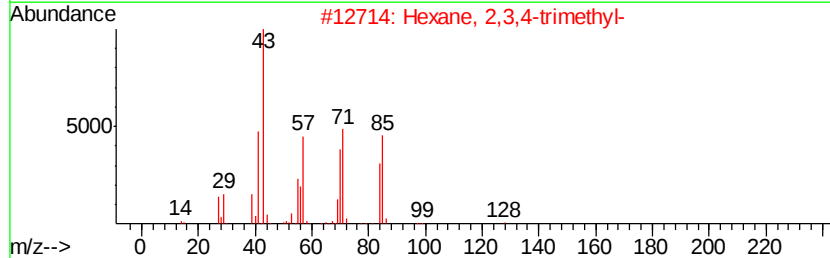
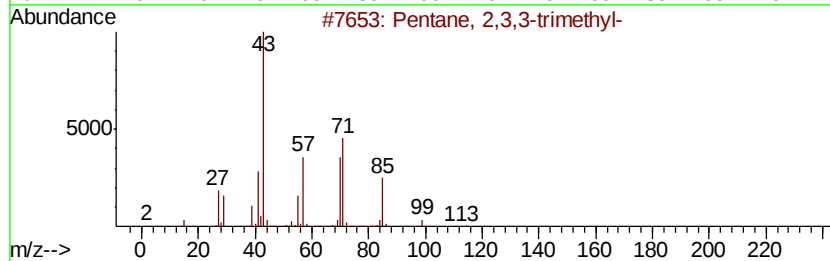
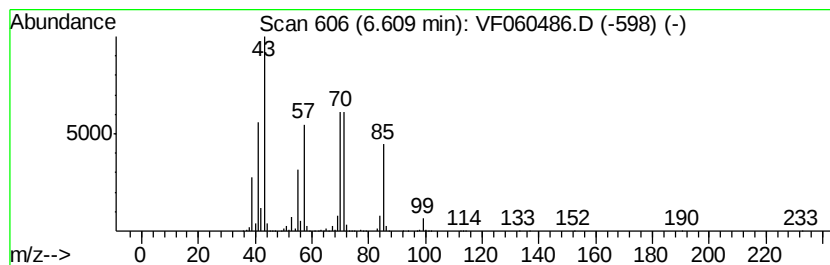
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260

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

Peak Number 8 Pentane, 2,3,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	222.57 ug/l	25351800	1,4-Difluorobenzene	5.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
2		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	72
3		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
4		Heptane, 4-methyl-	114	C8H18	000589-53-7	59
5		Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF100818\
Data File : VF060486.D
Acq On : 8 Oct 2018 16:03
Operator : VA/AP
Sample : J5084-18
Misc : 6.09/5mL/MSVOA_F/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
B-5(12-12.5)

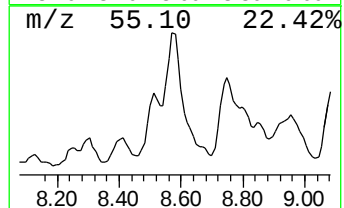
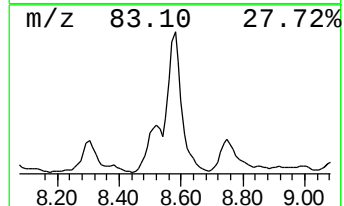
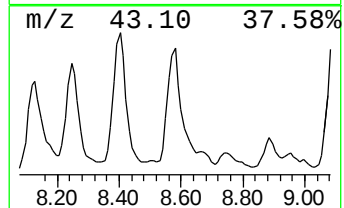
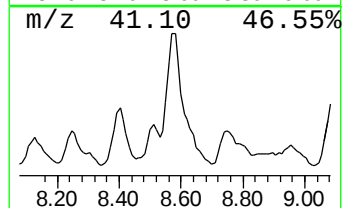
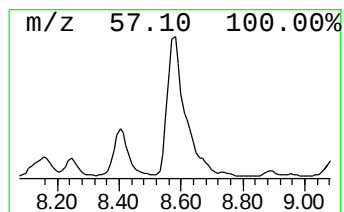
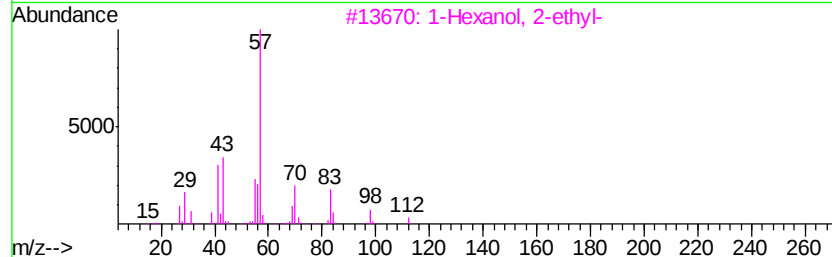
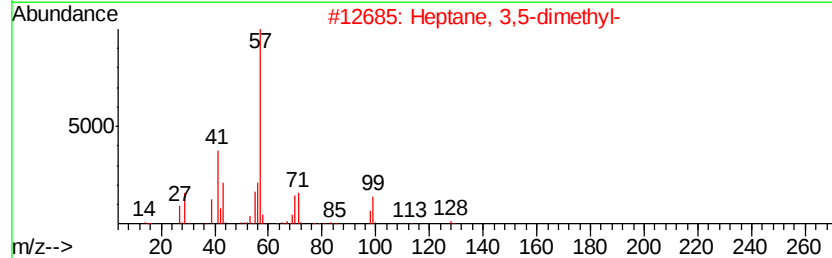
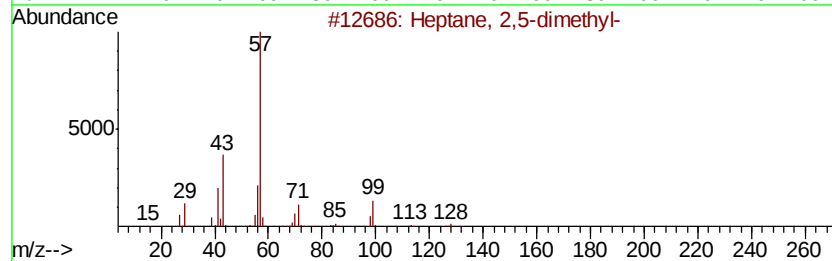
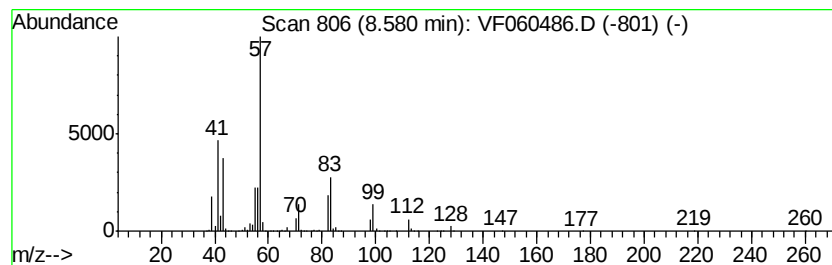
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260

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

Peak Number 9 Heptane, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	211.34 ug/l	11137300	Chlorobenzene-d5	9.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20		002216-30-0	64
2	Heptane, 3,5-dimethyl-	128	C9H20		000926-82-9	58
3	1-Hexanol, 2-ethyl-	130	C8H18O		000104-76-7	50
4	Octane, 3-methyl-	128	C9H20		002216-33-3	49
5	Hexane, 3-ethyl-4-methyl-	128	C9H20		003074-77-9	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF100818\
Data File : VF060486.D
Acq On : 8 Oct 2018 16:03
Operator : VA/AP
Sample : J5084-18
Misc : 6.09/5mL/MSVOA_F/SOIL
ALS Vial : 39 Sample Multiplier: 1

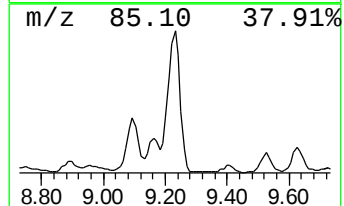
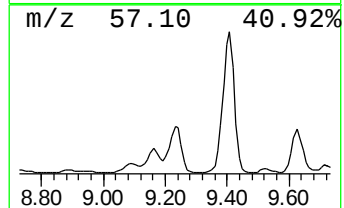
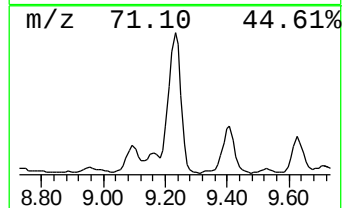
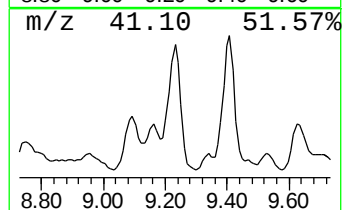
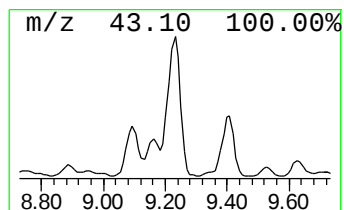
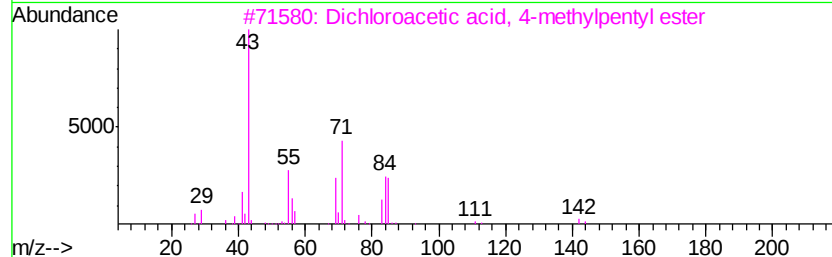
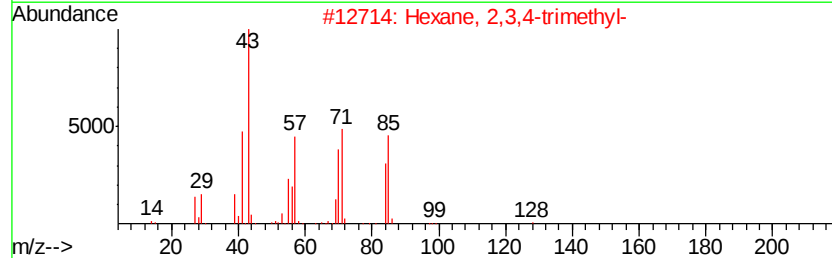
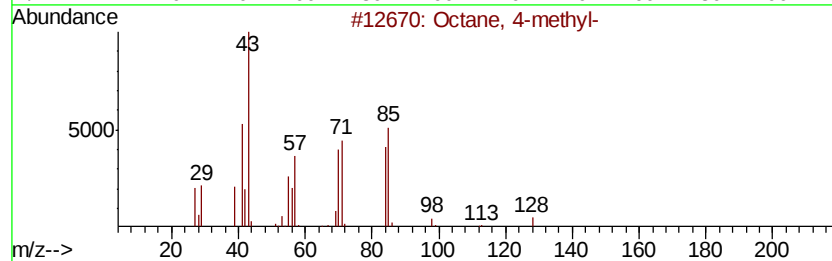
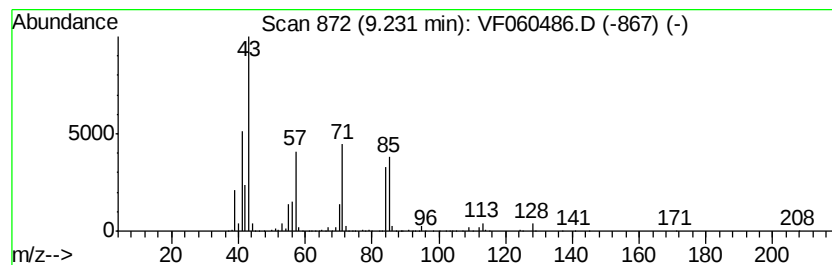
Instrument :
MSVOA_F
ClientSampleId :
B-5(12-12.5)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260

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

Peak Number 10 Octane, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
9.23	194.25 ug/l	10236300	Chlorobenzene-d5	9.89		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 4-methyl-	128	C9H20	002216-34-4	72
2		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
3		Dichloroacetic acid, 4-methylpen...	212	C8H14Cl2O2	1000282-43-7	64
4		Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	53
5		Formic acid, 2-methylpentyl ester	130	C7H14O2	381670-34-4	53



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF100818\
Data File : VF060486.D
Acq On : 8 Oct 2018 16:03
Operator : VA/AP
Sample : J5084-18
Misc : 6.09/5mL/MSVOA_F/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
B-5(12-12.5)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.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
Pentane, 2-methyl-	2.07	420.6	ug/l	14504800	1	5.00	1724160	50.0
1-Pentene, 2-methyl-	3.04	293.6	ug/l	10125600	1	5.00	1724160	50.0
Hexane, 2-methyl-	3.88	249.9	ug/l	8617080	1	5.00	1724160	50.0
Pentane, 2,3-dime...	4.07	339.4	ug/l	11703700	1	5.00	1724160	50.0
Heptane, 4-methyl-	4.15	362.9	ug/l	12515400	1	5.00	1724160	50.0
Butane, 2,2,3,3-t...	4.67	1063.8	ug/l	36683000	1	5.00	1724160	50.0
Pentane, 2,3,4-tr...	6.42	212.9	ug/l	24247700	2	5.73	5695210	50.0
Pentane, 2,3,3-tr...	6.61	222.6	ug/l	25351800	2	5.73	5695210	50.0
Heptane, 2,5-dime...	8.58	211.3	ug/l	11137300	3	9.89	2634890	50.0
Octane, 4-methyl-	9.23	194.3	ug/l	10236300	3	9.89	2634890	50.0