

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032619\
 Data File : VF062146.D
 Acq On : 26 Mar 2019 15:20
 Operator : VA/AP
 Sample : K2004-05
 Misc : 4.83g/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-24(7-8)

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	1.091	43	47	53	rVB6	16602	56146	6.42%	0.382%
2	2.166	152	156	159	rBV4	18249	43554	4.98%	0.296%
3	2.225	159	162	170	rVV4	22582	79991	9.15%	0.544%
4	2.363	172	176	181	rVB3	8872	23352	2.67%	0.159%
5	4.098	345	352	362	rVB	75338	245032	28.03%	1.667%
6	4.848	419	428	434	rBV2	161937	554554	63.44%	3.772%
7	5.577	496	502	512	rBV	190509	533733	61.06%	3.630%
8	6.761	616	622	626	rBV4	5081	18899	2.16%	0.129%
9	6.849	626	631	637	rVB5	10326	36597	4.19%	0.249%
10	6.997	640	646	650	rBV	37490	111911	12.80%	0.761%
11	7.273	667	674	675	rBV6	8002	28316	3.24%	0.193%
12	7.540	696	701	708	rBV	183484	438360	50.15%	2.982%
13	7.737	715	721	724	rBV3	26048	65995	7.55%	0.449%
14	8.112	754	759	765	rVB3	11288	37458	4.29%	0.255%
15	8.250	768	773	777	rBV4	34657	101694	11.63%	0.692%
16	8.437	787	792	800	rVV4	40248	125825	14.40%	0.856%
17	8.605	804	809	819	rVB4	32671	120606	13.80%	0.820%
18	8.950	838	844	848	rBV4	30138	92535	10.59%	0.629%
19	9.029	848	852	860	rVB6	18083	52481	6.00%	0.357%
20	9.246	870	874	878	rVB5	8267	21255	2.43%	0.145%
21	9.403	886	890	895	rBV6	11572	35314	4.04%	0.240%
22	9.522	897	902	908	rVB6	12463	38148	4.36%	0.259%
23	9.689	914	919	922	rBV2	57832	166922	19.10%	1.135%
24	9.758	922	926	936	rVB2	206092	511027	58.46%	3.476%
25	9.965	943	947	953	rVB6	11801	35366	4.05%	0.241%
26	10.222	965	973	980	rBV5	94545	340050	38.90%	2.313%
27	10.330	980	984	991	rBV4	35030	98657	11.29%	0.671%
28	10.498	991	1001	1004	rBV4	36423	143234	16.39%	0.974%
29	10.547	1004	1006	1008	rVB3	12920	19627	2.25%	0.134%
30	10.656	1008	1017	1021	rBV3	121849	343897	39.34%	2.339%
31	10.715	1021	1023	1026	rVB4	17389	27218	3.11%	0.185%
32	10.764	1026	1028	1030	rBV2	13783	21308	2.44%	0.145%
33	10.813	1030	1033	1038	rVB3	23258	49558	5.67%	0.337%
34	10.912	1038	1043	1050	rBV	323188	640558	73.28%	4.357%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032619\
 Data File : VF062146.D
 Acq On : 26 Mar 2019 15:20
 Operator : VA/AP
 Sample : K2004-05
 Misc : 4.83g/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-24(7-8)

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	11.021	1050	1054	1060	rVB3	60350	168174	19.24%	1.144%
36	11.119	1060	1064	1071	rBV4	61767	164137	18.78%	1.116%
37	11.218	1071	1074	1075	rBV3	19842	36664	4.19%	0.249%
38	11.247	1075	1077	1081	rVB4	31127	48872	5.59%	0.332%
39	11.356	1084	1088	1090	rBV2	72328	154693	17.70%	1.052%
40	11.395	1090	1092	1098	rVB3	111157	251022	28.72%	1.707%
41	11.484	1098	1101	1103	rBV2	44707	70464	8.06%	0.479%
42	11.533	1103	1106	1109	rVB2	80953	136263	15.59%	0.927%
43	11.612	1109	1114	1118	rBV4	120478	334715	38.29%	2.277%
44	11.711	1122	1124	1127	rVB2	23193	36044	4.12%	0.245%
45	11.760	1127	1129	1131	rBV2	13528	20437	2.34%	0.139%
46	11.800	1131	1133	1135	rVB3	22175	26037	2.98%	0.177%
47	11.869	1135	1140	1143	rBV2	84048	168296	19.25%	1.145%
48	11.938	1143	1147	1149	rBV3	73488	152304	17.42%	1.036%
49	11.977	1149	1151	1156	rVB2	83275	172860	19.78%	1.176%
50	12.056	1156	1159	1161	rVB3	33454	59901	6.85%	0.407%
51	12.105	1161	1164	1166	rBV	65816	118635	13.57%	0.807%
52	12.184	1170	1172	1176	rVB2	74532	132237	15.13%	0.899%
53	12.273	1176	1181	1184	rBV6	35306	94680	10.83%	0.644%
54	12.371	1188	1191	1193	rVB	37840	57853	6.62%	0.394%
55	12.411	1193	1195	1198	rVB3	25277	39834	4.56%	0.271%
56	12.480	1198	1202	1204	rBV4	46327	106127	12.14%	0.722%
57	12.539	1205	1208	1211	rVB	125315	176258	20.16%	1.199%
58	12.588	1211	1213	1218	rVB5	44943	110769	12.67%	0.753%
59	12.667	1218	1221	1226	rBV3	56143	111259	12.73%	0.757%
60	12.766	1226	1231	1235	rBV3	48931	115210	13.18%	0.784%
61	12.835	1235	1238	1241	rVB3	41016	69881	7.99%	0.475%
62	12.884	1241	1243	1245	rBV	50768	81841	9.36%	0.557%
63	13.003	1252	1255	1258	rVB2	56666	94118	10.77%	0.640%
64	13.062	1258	1261	1262	rBV2	29763	52007	5.95%	0.354%
65	13.101	1262	1265	1267	rVV3	80300	145438	16.64%	0.989%
66	13.180	1270	1273	1277	rVB3	38210	69672	7.97%	0.474%
67	13.239	1277	1279	1281	rBV2	43086	58598	6.70%	0.399%
68	13.279	1281	1283	1286	rBV2	72372	125926	14.41%	0.857%
69	13.328	1286	1288	1290	rBV2	19204	25007	2.86%	0.170%
70	13.367	1290	1292	1294	rVB3	42810	60503	6.92%	0.412%
71	13.436	1297	1299	1301	rBV3	20677	29604	3.39%	0.201%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032619\
 Data File : VF062146.D
 Acq On : 26 Mar 2019 15:20
 Operator : VA/AP
 Sample : K2004-05
 Misc : 4.83g/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-24(7-8)

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	13.515	1305	1307	1311	rBV4	25701	54361	6.22%	0.370%
73	13.575	1311	1313	1316	rVB3	28023	43858	5.02%	0.298%
74	13.634	1316	1319	1323	rBV	136526	246039	28.15%	1.674%
75	13.722	1323	1328	1331	rBV3	94594	255854	29.27%	1.740%
76	13.801	1334	1336	1337	rBV	18449	24491	2.80%	0.167%
77	13.831	1337	1339	1344	rBV2	227855	430519	49.25%	2.928%
78	13.959	1349	1352	1354	rVB	440972	643863	73.66%	4.380%
79	14.038	1358	1360	1362	rBV3	34499	64361	7.36%	0.438%
80	14.077	1362	1364	1366	rBV3	36150	49551	5.67%	0.337%
81	14.146	1366	1371	1375	rBV5	116472	300558	34.39%	2.044%
82	14.206	1375	1377	1378	rBV	68058	81964	9.38%	0.558%
83	14.235	1378	1380	1383	rVB3	100441	141978	16.24%	0.966%
84	14.294	1383	1386	1389	rBV2	109375	194164	22.21%	1.321%
85	14.442	1396	1401	1403	rBV4	106339	203578	23.29%	1.385%
86	14.482	1403	1405	1406	rBV2	41680	47336	5.42%	0.322%
87	14.679	1422	1425	1427	rBV3	77863	117347	13.43%	0.798%
88	14.728	1428	1430	1433	rVV3	71496	95422	10.92%	0.649%
89	14.807	1435	1438	1441	rVV	122317	193645	22.15%	1.317%
90	14.896	1445	1447	1452	rVB2	79591	169650	19.41%	1.154%
91	14.975	1452	1455	1456	rBV3	49637	77376	8.85%	0.526%
92	15.004	1456	1458	1461	rVB3	130151	172141	19.69%	1.171%
93	15.073	1462	1465	1469	rVV	149025	247934	28.37%	1.686%
94	15.162	1472	1474	1476	rVV3	58258	93666	10.72%	0.637%
95	15.211	1476	1479	1482	rVB	242266	386945	44.27%	2.632%
96	15.330	1487	1491	1494	rBV	535243	874079	100.00%	5.946%
97	15.557	1512	1514	1520	rVB4	40145	108711	12.44%	0.739%
98	15.695	1525	1528	1530	rVV2	23532	49035	5.61%	0.334%
99	15.783	1534	1537	1544	rVB5	49384	138235	15.81%	0.940%
100	15.961	1552	1555	1560	rVB6	22297	59212	6.77%	0.403%

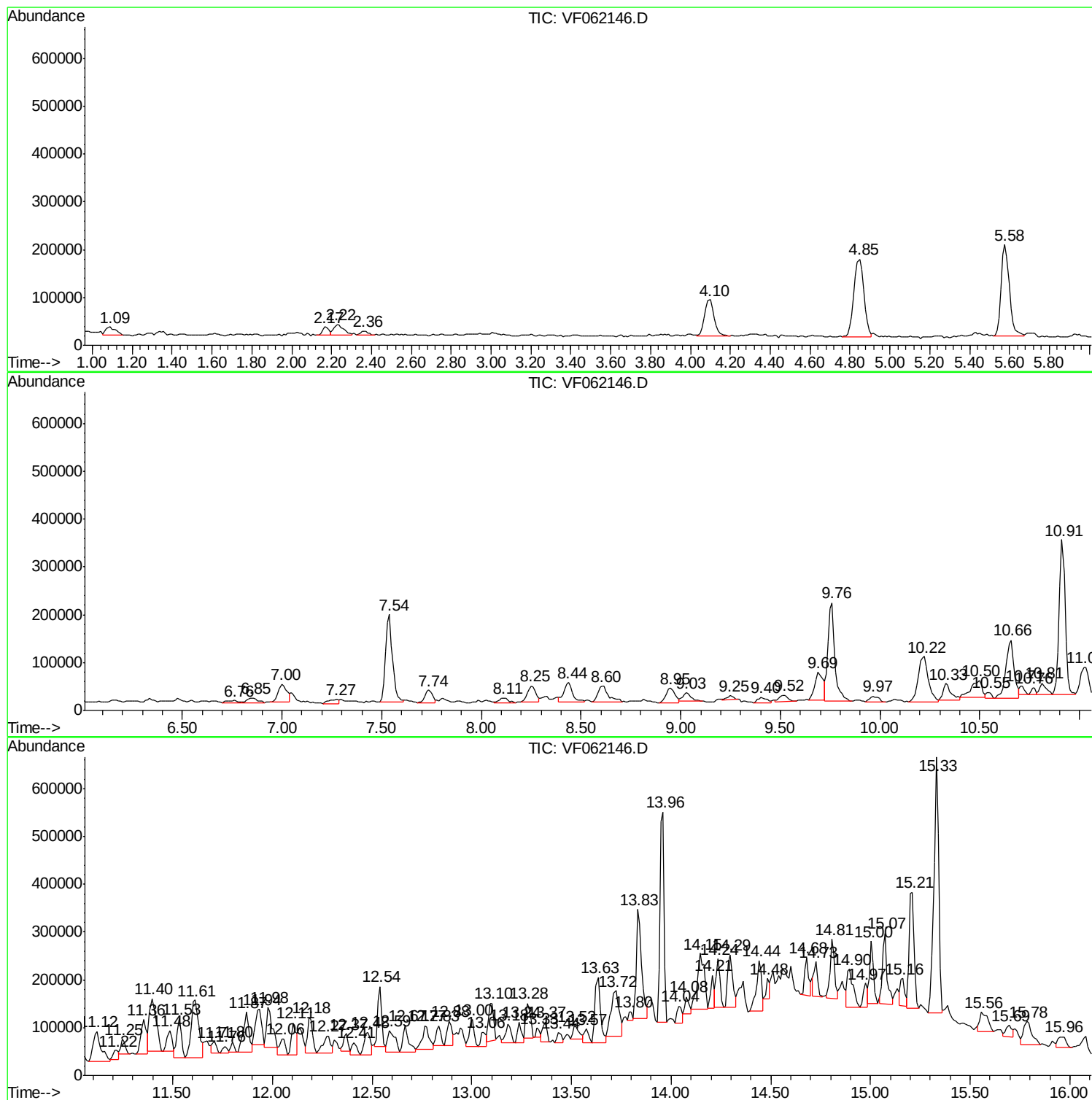
Sum of corrected areas: 14701391

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032619\
Data File : VF062146.D
Acq On : 26 Mar 2019 15:20
Operator : VA/AP
Sample : K2004-05
Misc : 4.83g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SB-24(7-8)

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\VF032619\
Data File : VF062146.D
Acq On : 26 Mar 2019 15:20
Operator : VA/AP
Sample : K2004-05
Misc : 4.83g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampled :
SB-24(7-8)

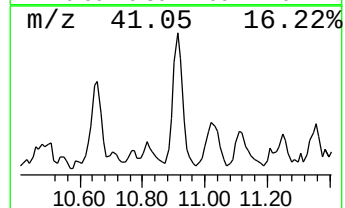
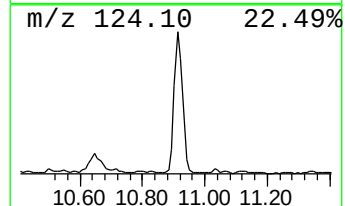
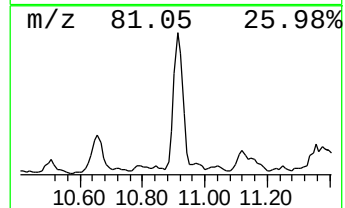
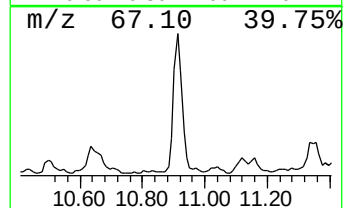
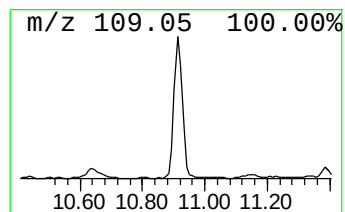
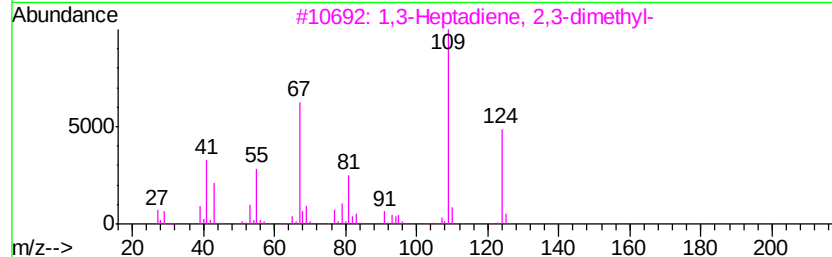
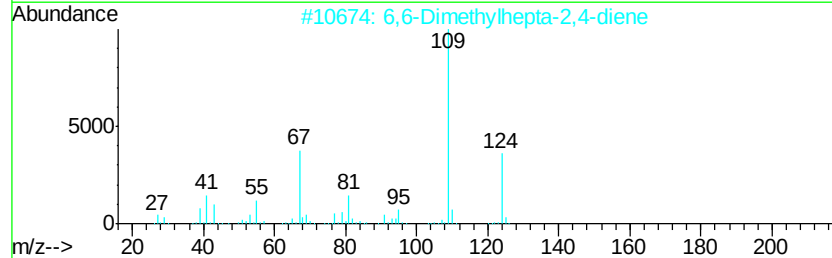
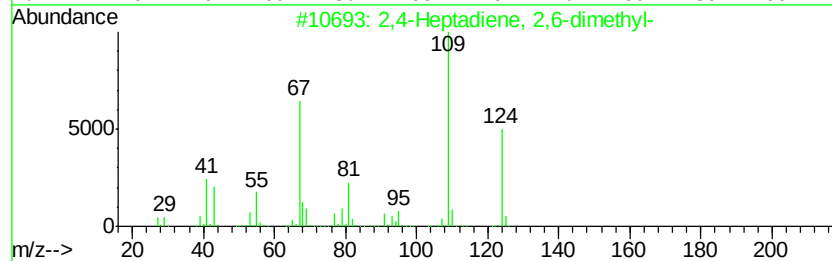
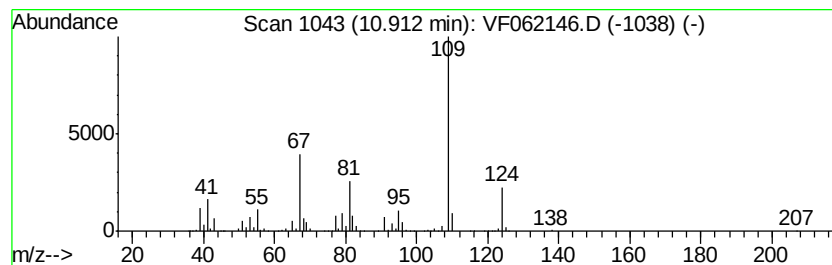
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
Quant Title : SW846 8260

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

Peak Number 1 2,4-Heptadiene, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	62.67 ug/l	640558	Chlorobenzene-d5	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4-Heptadiene, 2,6-dimethyl-	124	C9H16	004634-87-1	91
2		6,6-Dimethylhepta-2,4-diene	124	C9H16	1000195-03-3	91
3		1,3-Heptadiene, 2,3-dimethyl-	124	C9H16	074779-65-0	90
4		Cyclopropane, 1,1-dimethyl-2-(2-...	124	C9H16	033422-32-1	83
5		2,4-Heptadiene, 2,4-dimethyl-	124	C9H16	074421-05-9	68



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032619\
Data File : VF062146.D
Acq On : 26 Mar 2019 15:20
Operator : VA/AP
Sample : K2004-05
Misc : 4.83g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

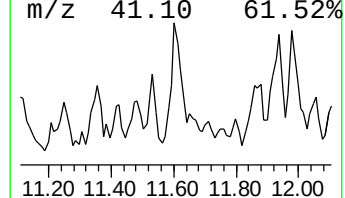
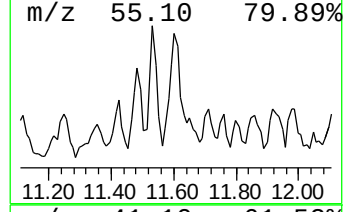
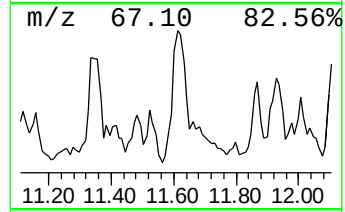
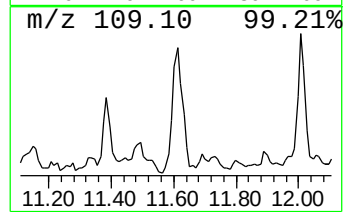
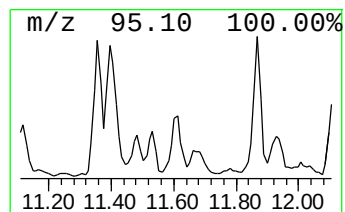
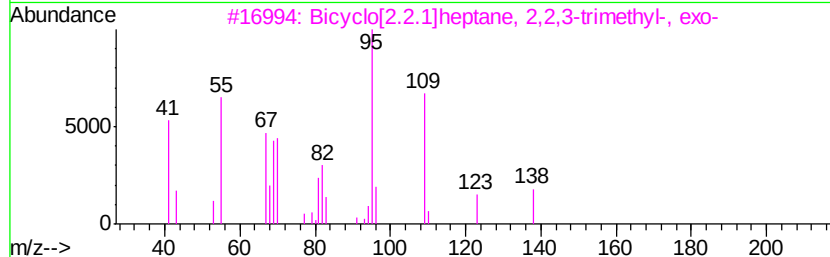
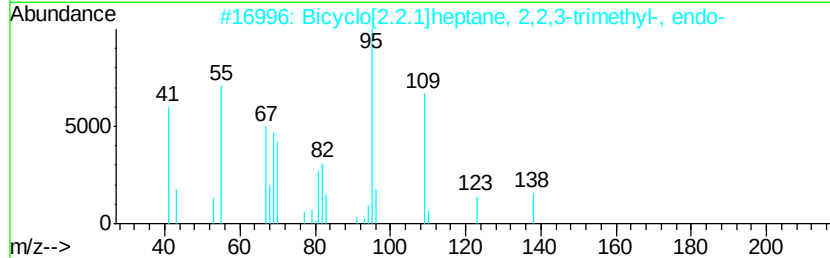
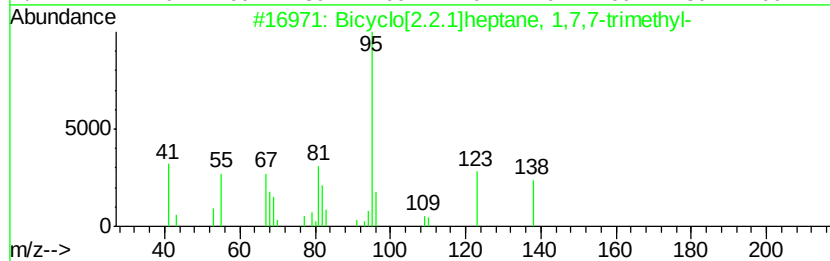
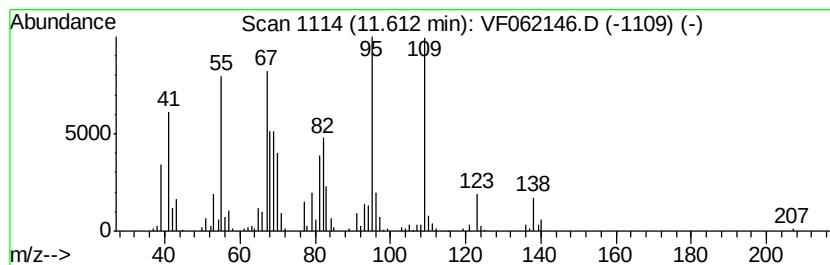
Instrument :
MSVOA_F
ClientSampled :
SB-24(7-8)

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 Bicyclo[2.2.1]heptane, 1,7,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.61	94.95 ug/l	334715	1,4-Dichlorobenzene-d4	12.54	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 1,7,7-tri...	138	C10H18	000464-15-3	70
2	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	70
3	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	70
4	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	64
5	(2E,4E)-3,7-Dimethyl-2,4-octadiene	138	C10H18	1000374-08-2	55



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032619\
Data File : VF062146.D
Acq On : 26 Mar 2019 15:20
Operator : VA/AP
Sample : K2004-05
Misc : 4.83g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SB-24(7-8)

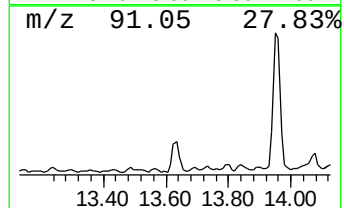
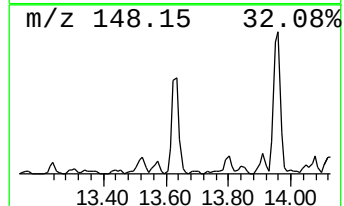
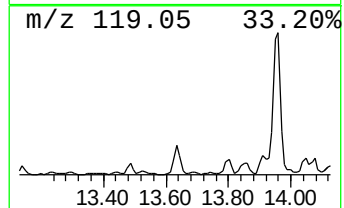
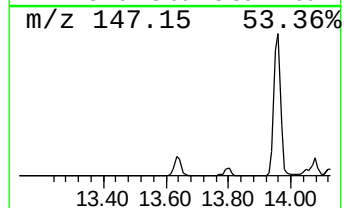
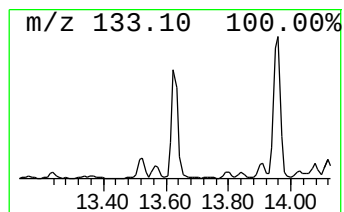
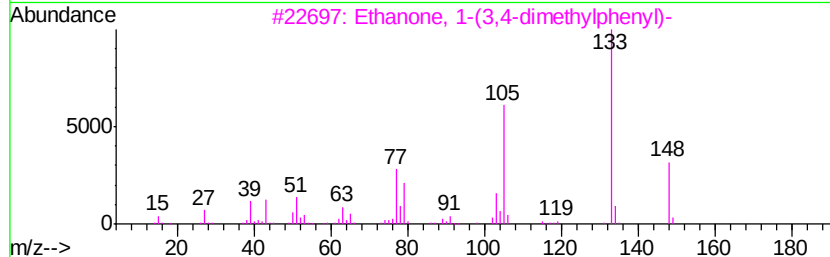
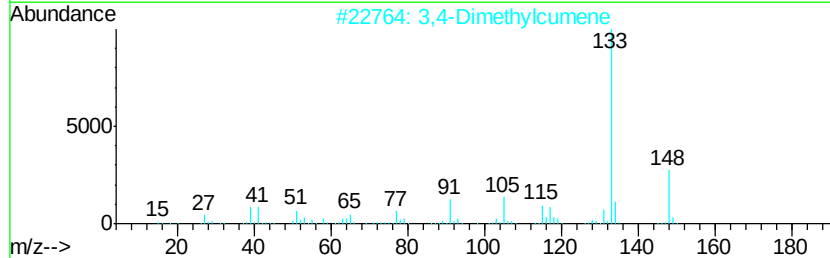
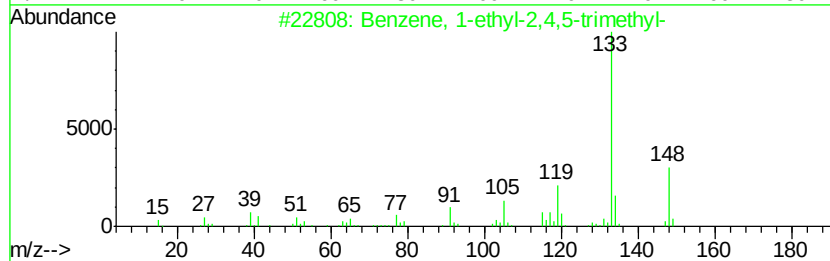
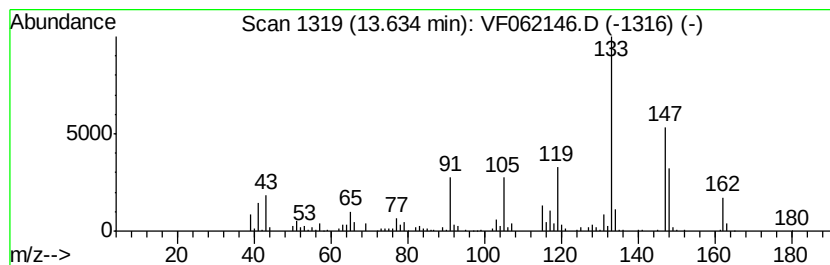
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, 1-ethyl-2,4,5-trim... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	69.80 ug/l	246039	1,4-Dichlorobenzene-d4	12.54

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	70
2		3,4-Dimethylcumene	148	C11H16	1000370-34-1	64
3		Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	60
4		Benzene, pentamethyl-	148	C11H16	000700-12-9	60
5		Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032619\
Data File : VF062146.D
Acq On : 26 Mar 2019 15:20
Operator : VA/AP
Sample : K2004-05
Misc : 4.83g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SB-24(7-8)

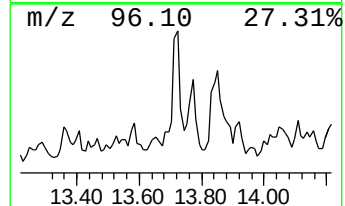
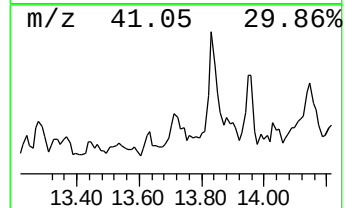
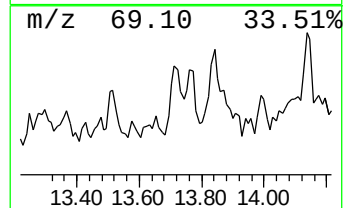
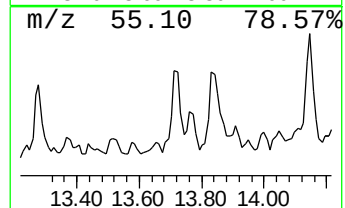
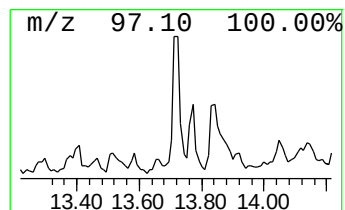
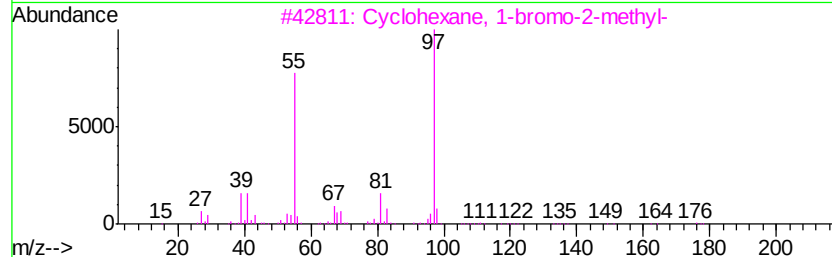
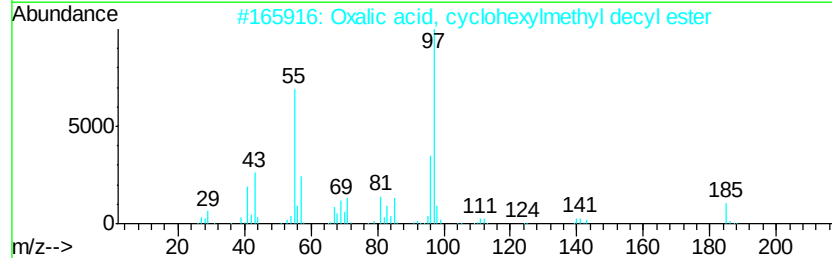
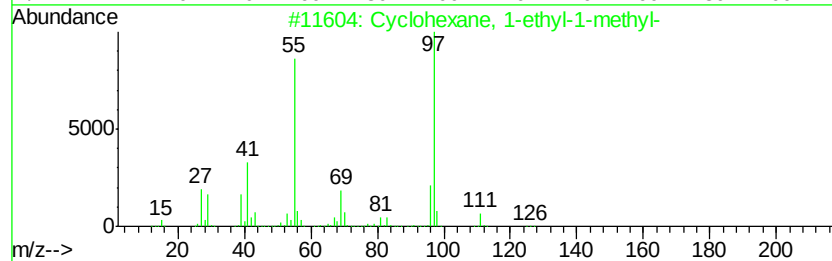
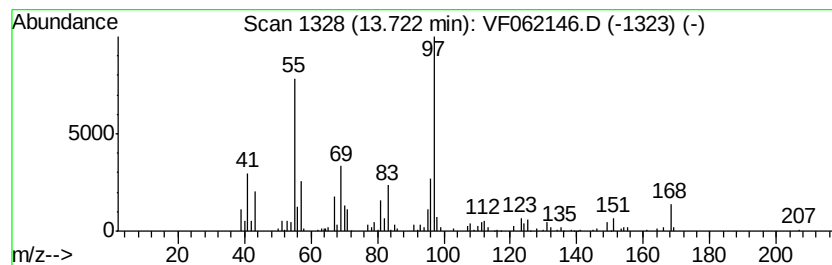
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
Quant Title : SW846 8260

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

Peak Number 4 Cyclohexane, 1-ethyl-1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	72.58 ug/l	255854	1,4-Dichlorobenzene-d4	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	58
2		Oxalic acid, cyclohexylmethyl de...	326	C19H34O4	1000309-68-7	53
3		Cyclohexane, 1-bromo-2-methyl-	176	C7H13Br	006294-39-9	50
4		1-Methylcyclohexylcarboxylic acid	142	C8H14O2	001123-25-7	47
5		5-Amino-3-methylpyrazole	97	C4H7N3	031230-17-8	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032619\
Data File : VF062146.D
Acq On : 26 Mar 2019 15:20
Operator : VA/AP
Sample : K2004-05
Misc : 4.83g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

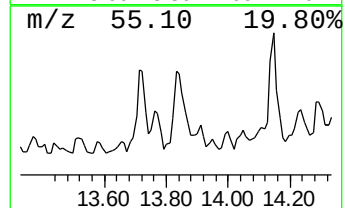
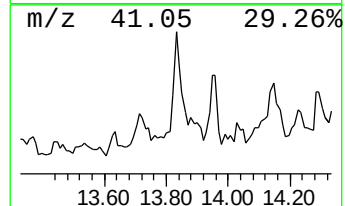
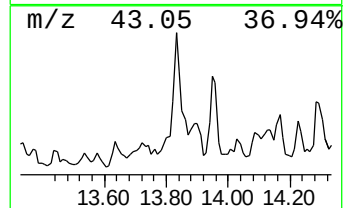
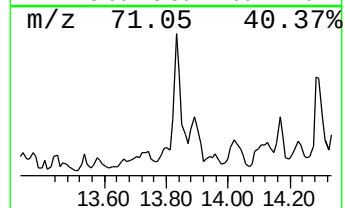
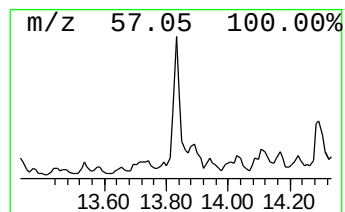
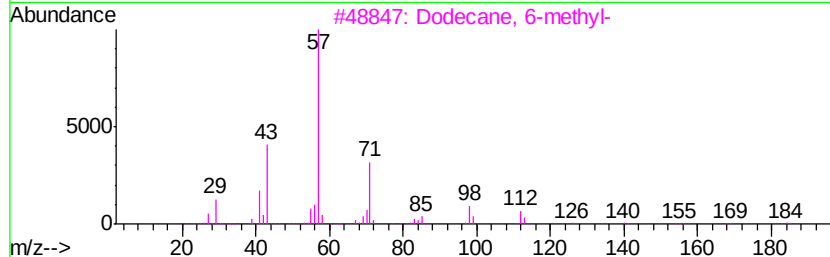
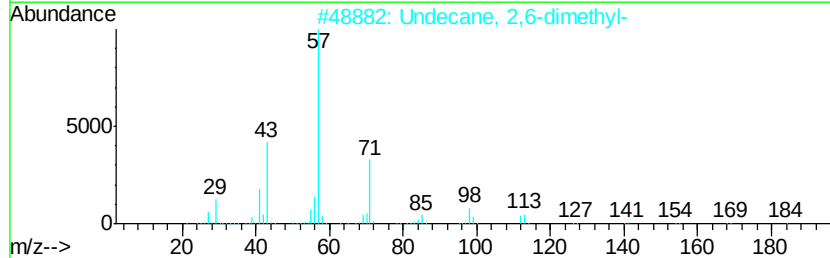
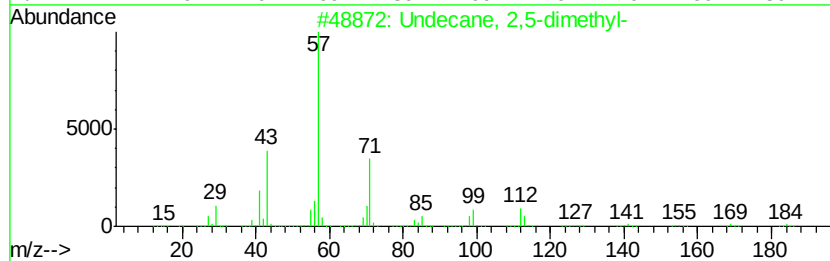
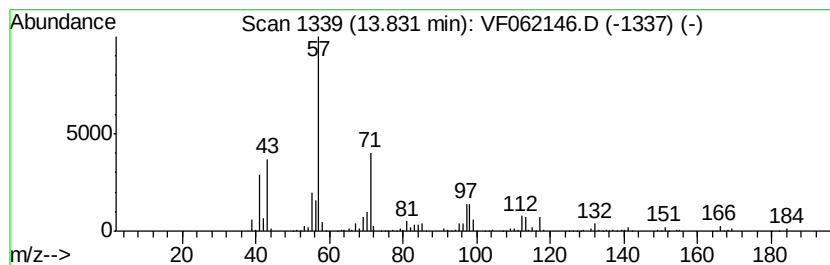
Instrument :
MSVOA_F
ClientSampleId :
SB-24(7-8)

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 Undecane, 2,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	122.13 ug/l	430519	1,4-Dichlorobenzene-d4	12.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 2,5-dimethyl-	184 C13H28	017301-22-3	86
2	Undecane, 2,6-dimethyl-	184 C13H28	017301-23-4	81
3	Dodecane, 6-methyl-	184 C13H28	006044-71-9	76
4	Octane, 4-ethyl-	142 C10H22	015869-86-0	50
5	Sulfurous acid, butyl 2-ethylhex...	250 C12H26O3S	1000309-18-8	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032619\
Data File : VF062146.D
Acq On : 26 Mar 2019 15:20
Operator : VA/AP
Sample : K2004-05
Misc : 4.83g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

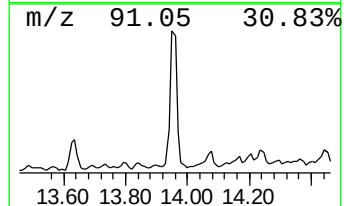
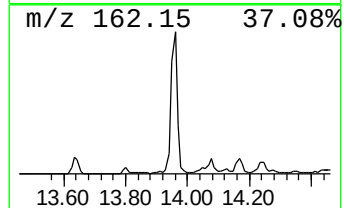
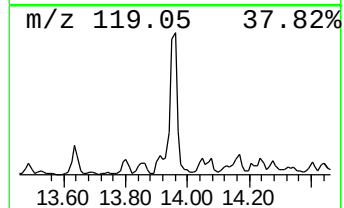
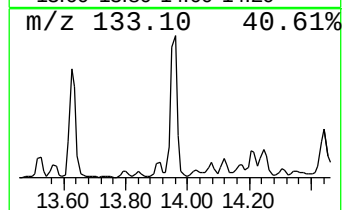
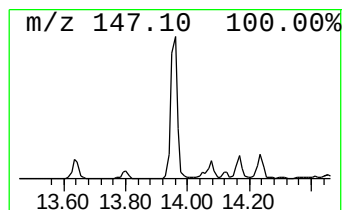
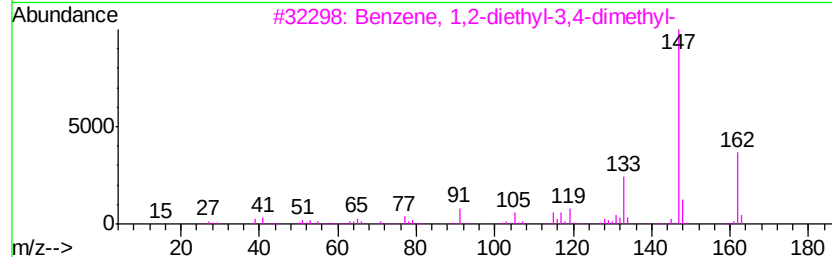
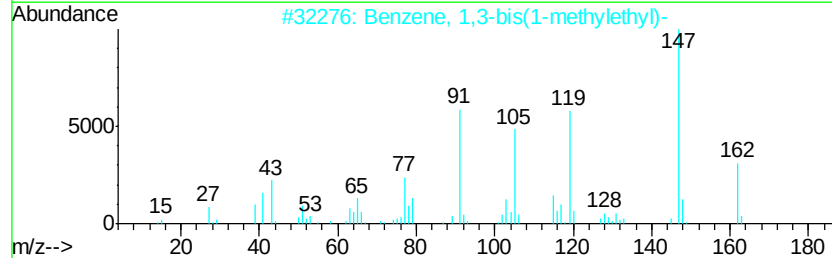
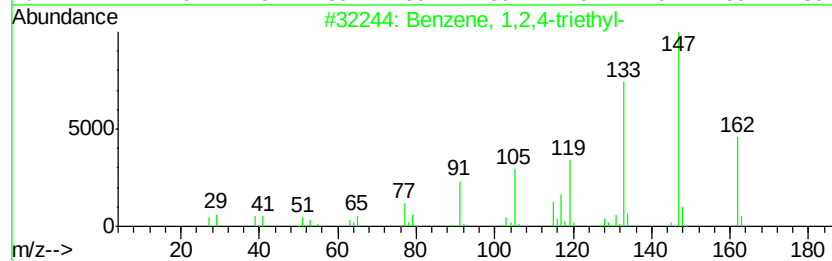
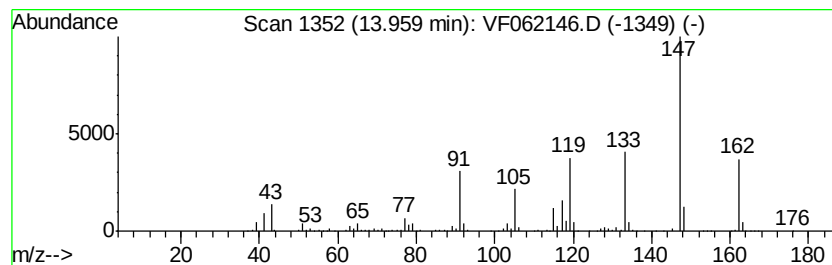
Instrument :
MSVOA_F
ClientSampleId :
SB-24(7-8)

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 Benzene, 1,2,4-triethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	182.65 ug/l	643863	1,4-Dichlorobenzene-d4	12.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,2,4-triethyl-	162 C12H18	000877-44-1 76
2		Benzene, 1,3-bis(1-methylethyl)-	162 C12H18	000099-62-7 76
3		Benzene, 1,2-diethyl-3,4-dimethyl-	162 C12H18	054410-75-2 72
4		Ethanone, 1-(2,4,5-trimethylphen...	162 C11H14O	002040-07-5 70
5		Benzene, 1-(1,1-dimethylethyl)-4...	162 C12H18	007364-19-4 70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032619\
Data File : VF062146.D
Acq On : 26 Mar 2019 15:20
Operator : VA/AP
Sample : K2004-05
Misc : 4.83g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SB-24(7-8)

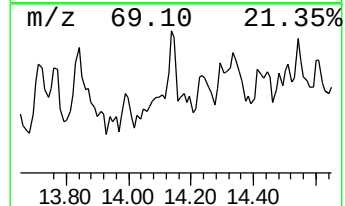
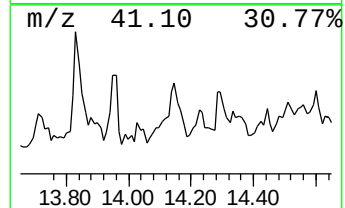
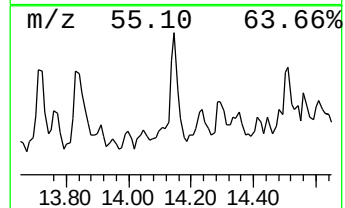
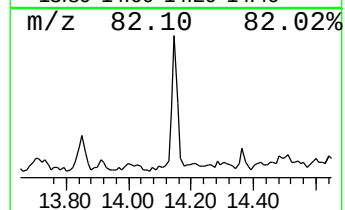
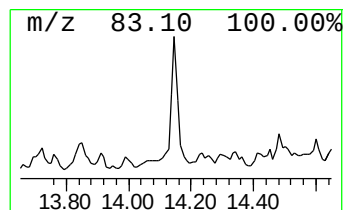
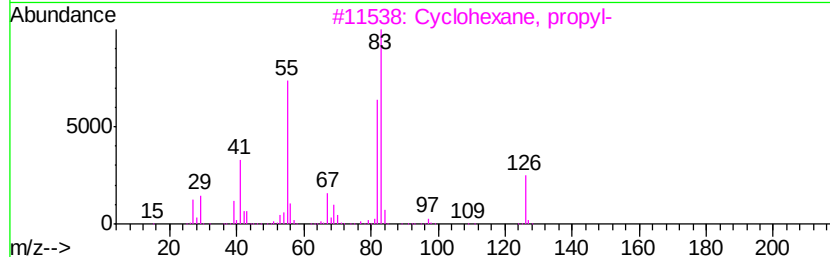
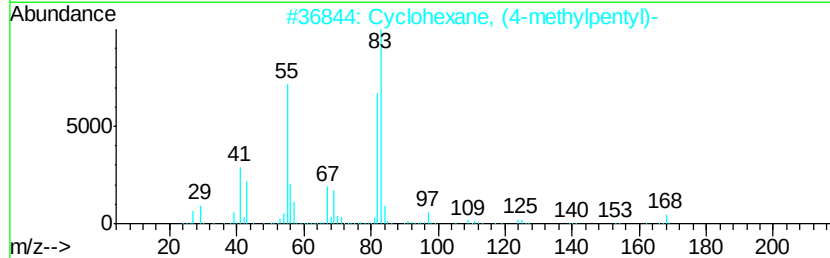
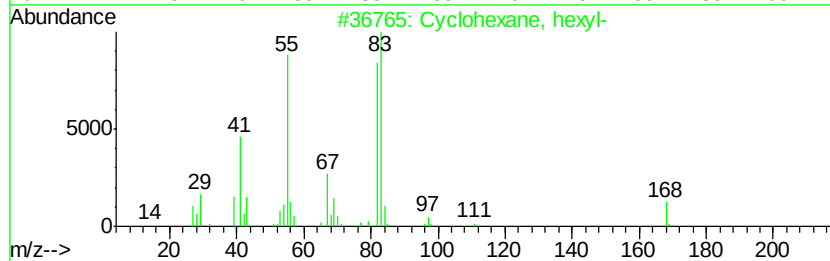
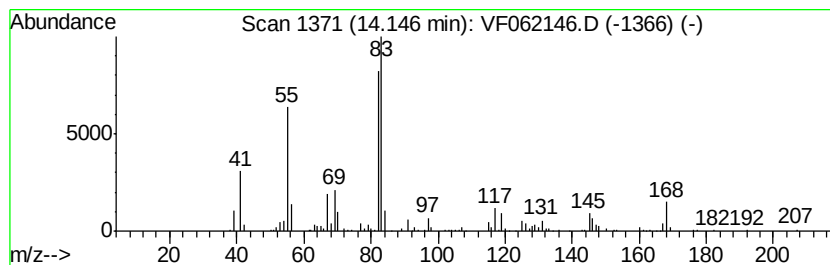
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
Quant Title : SW846 8260

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

Peak Number 7 Cyclohexane, hexyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	85.26 ug/l	300558	1,4-Dichlorobenzene-d4	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	81
2		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	72
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	64
4		Cyclohexane, octyl-	196	C14H28	001795-15-9	59
5		Cyclohexane, pentyl-	154	C11H22	004292-92-6	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032619\
Data File : VF062146.D
Acq On : 26 Mar 2019 15:20
Operator : VA/AP
Sample : K2004-05
Misc : 4.83g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

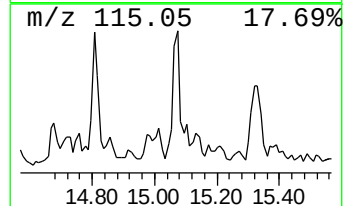
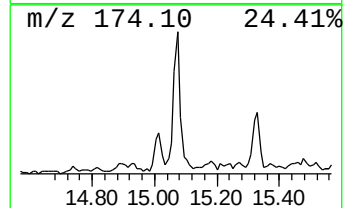
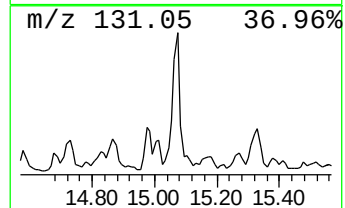
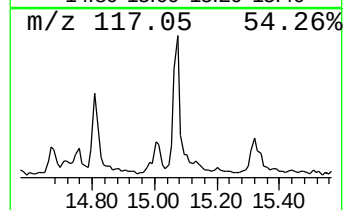
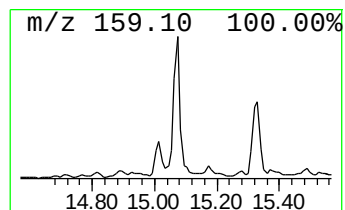
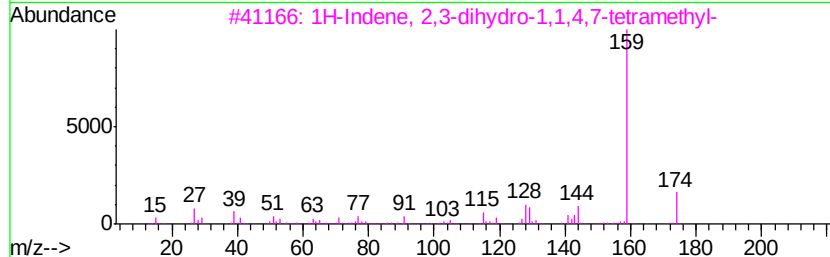
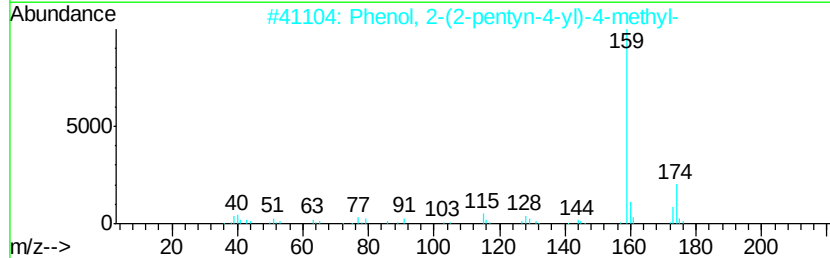
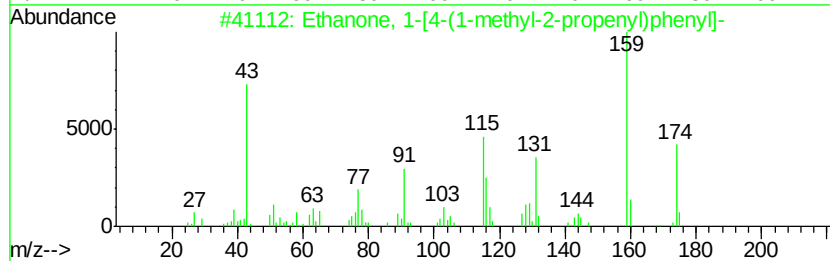
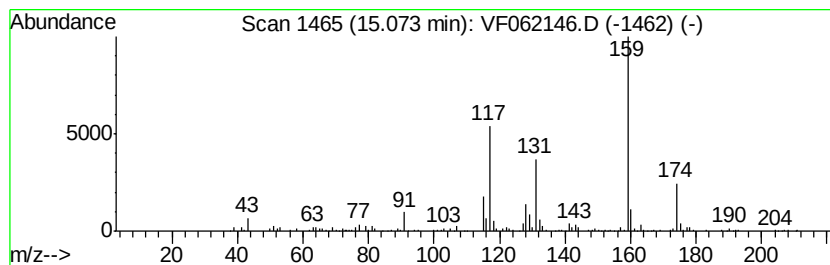
Instrument :
MSVOA_F
ClientSampleId :
SB-24(7-8)

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 Ethanone, 1-[4-(1-methyl-2-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	70.33 ug/l	247934	1,4-Dichlorobenzene-d4	12.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Ethanone, 1-[4-(1-methyl-2-propenyl)phenyl]-	174 C12H14O	109586-49-4	68
2	Phenol, 2-(2-pentyn-4-yl)-4-methyl-	174 C12H14O	1000258-83-7	60
3	1H-Indene, 2,3-dihydro-1,1,4,7-tetramethyl-	174 C13H18	001078-04-2	60
4	Isoxazole, 5-methyl-4-phenyl-	159 C10H9NO	023253-49-8	58
5	1H-Inden-1-one, 2,3-dihydro-3,3,4,4-tetramethyl-	174 C12H14O	054484-71-8	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032619\
Data File : VF062146.D
Acq On : 26 Mar 2019 15:20
Operator : VA/AP
Sample : K2004-05
Misc : 4.83g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

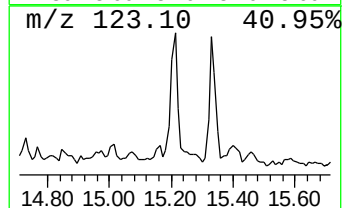
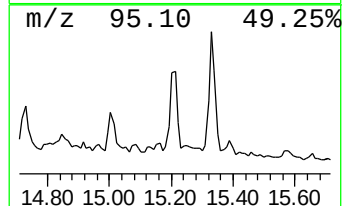
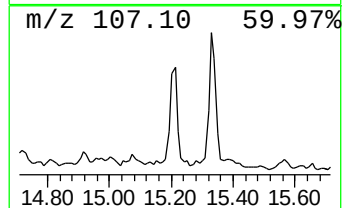
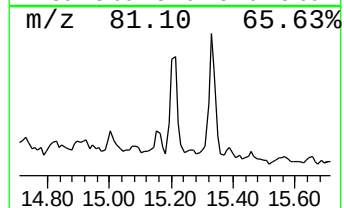
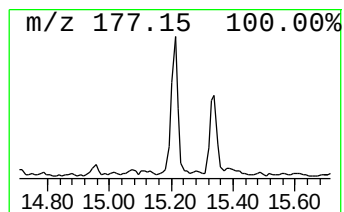
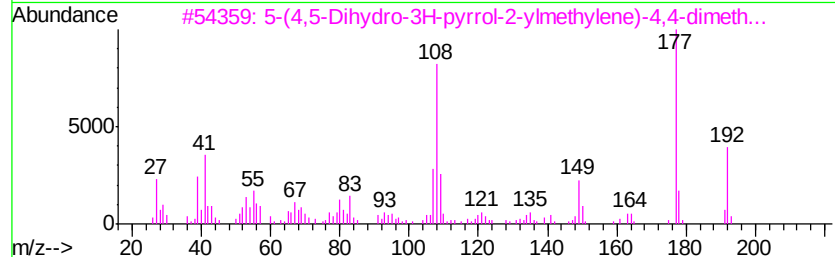
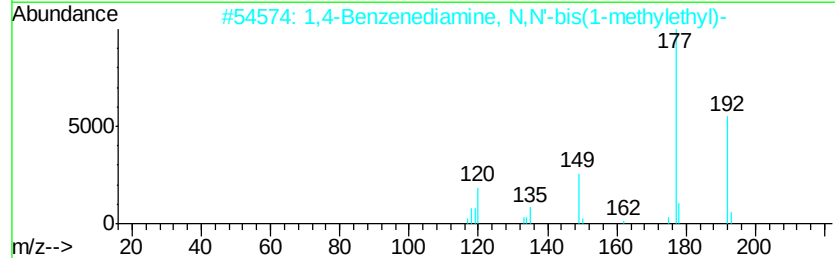
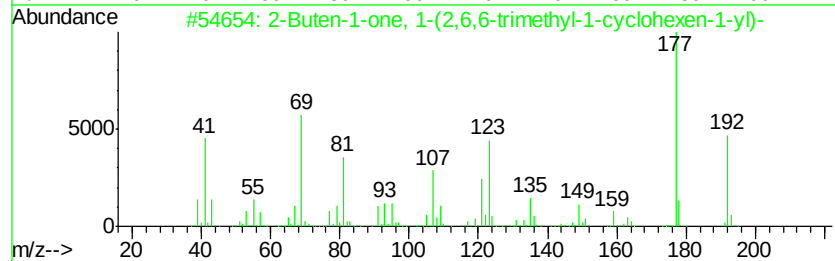
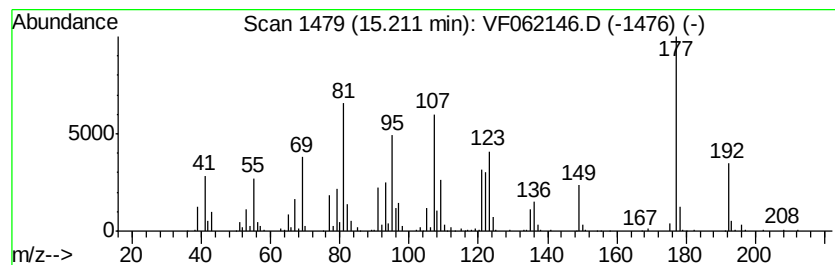
Instrument :
MSVOA_F
ClientSampleId :
SB-24(7-8)

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 2-Buten-1-one, 1-(2,6,6-tri... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	109.77 ug/l	386945	1,4-Dichlorobenzene-d4	12.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Buten-1-one, 1-(2,6,6-trimethy...	192 C13H20O	035044-68-9	52
2	1,4-Benzenediamine, N,N'-bis(1-m...	192 C12H20N2	004251-01-8	50
3	5-(4,5-Dihydro-3H-pyrrol-2-yl)met...	192 C11H16N2O	051430-87-6	46
4	S-Triazolo(1,5-a)pyrimidine, 5-m...	177 C8H11N5	051806-90-7	35
5	1,3,5,7-Tetramethyl-adamantane	192 C14H24	001687-36-1	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032619\
Data File : VF062146.D
Acq On : 26 Mar 2019 15:20
Operator : VA/AP
Sample : K2004-05
Misc : 4.83g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SB-24(7-8)

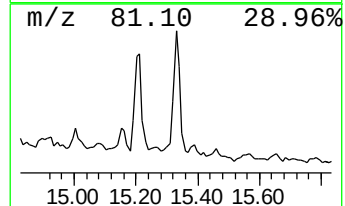
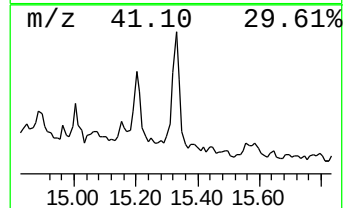
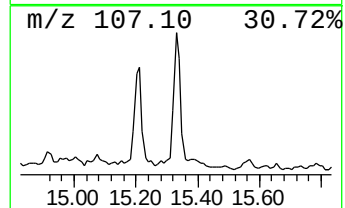
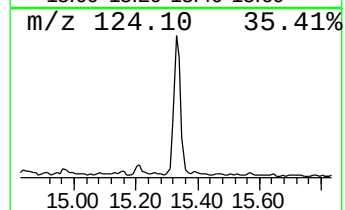
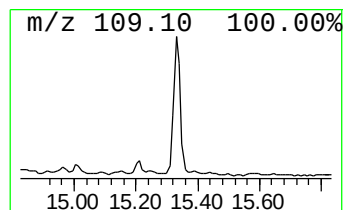
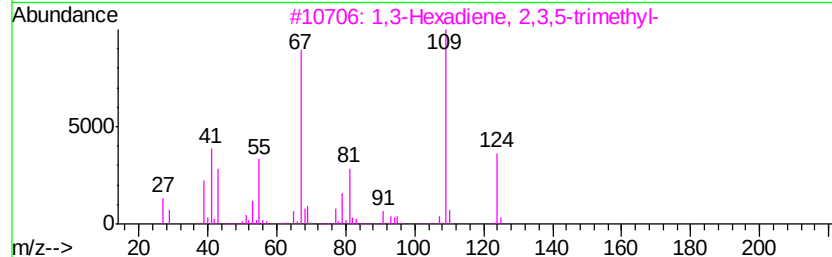
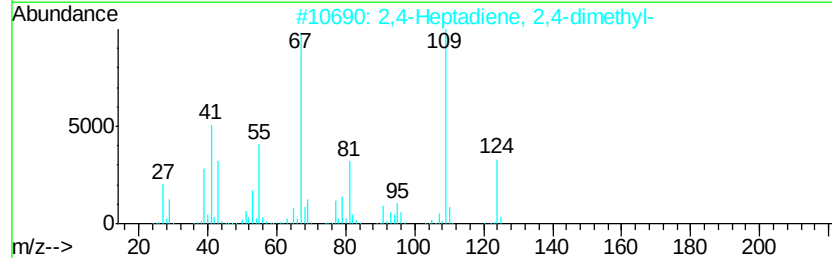
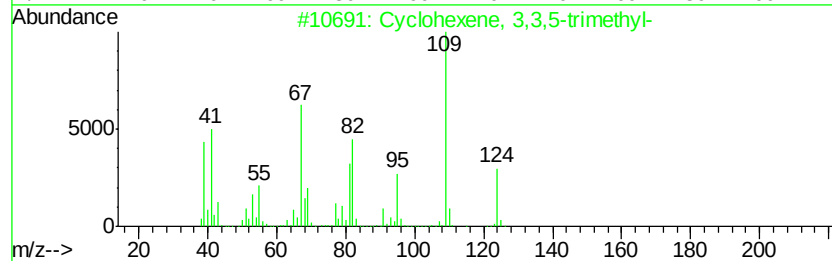
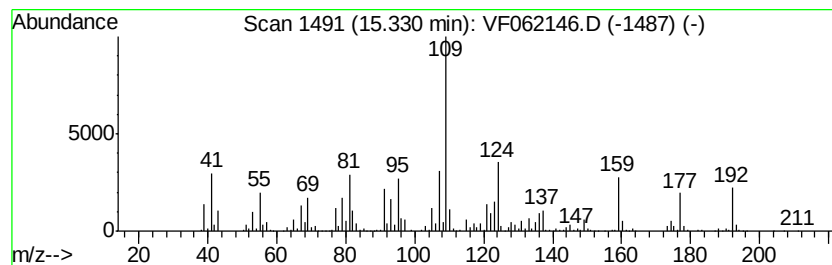
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
Quant Title : SW846 8260

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

Peak Number 10 unknown15.33 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	247.95 ug/l	874079	1,4-Dichlorobenzene-d4	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	43
2		2,4-Heptadiene, 2,4-dimethyl-	124	C9H16	074421-05-9	43
3		1,3-Hexadiene, 2,3,5-trimethyl-	124	C9H16	061142-34-5	38
4		3-Fluoro-o-xylene	124	C8H9F	000443-82-3	38
5		1(3H)-Isobenzofuranone, 3a,4,5,7...	182	C10H14O3	054346-06-4	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF032619\
Data File : VF062146.D
Acq On : 26 Mar 2019 15:20
Operator : VA/AP
Sample : K2004-05
Misc : 4.83g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SB-24(7-8)

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
2,4-Heptadiene, 2...	10.91	62.7	ug/l	640558	3	9.76	511027	50.0
Bicyclo[2.2.1]hep...	11.61	95.0	ug/l	334715	4	12.54	176258	50.0
Benzene, 1-ethyl-...	13.63	69.8	ug/l	246039	4	12.54	176258	50.0
Cyclohexane, 1-et...	13.72	72.6	ug/l	255854	4	12.54	176258	50.0
Undecane, 2,5-dim...	13.83	122.1	ug/l	430519	4	12.54	176258	50.0
Benzene, 1,2,4-tr...	13.96	182.7	ug/l	643863	4	12.54	176258	50.0
Cyclohexane, hexyl-	14.15	85.3	ug/l	300558	4	12.54	176258	50.0
Ethanone, 1-[4-(1...	15.07	70.3	ug/l	247934	4	12.54	176258	50.0
2-Buten-1-one, 1-...	15.21	109.8	ug/l	386945	4	12.54	176258	50.0
unknown15.33	15.33	247.9	ug/l	874079	4	12.54	176258	50.0