

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010919\
 Data File : VF061333.D
 Acq On : 10 Jan 2019 8:27
 Operator : VA/AP
 Sample : K1100-05
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SOIL-DRUM-C

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\82F010819S.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	1.065	41	44	51	rVV	18034	30070	5.99%	0.527%
2	1.430	78	81	83	rBV3	2166	5405	1.08%	0.095%
3	2.189	154	158	161	rBV5	4191	10213	2.03%	0.179%
4	2.387	174	178	183	rVB5	2680	6739	1.34%	0.118%
5	3.876	324	329	334	rBV4	3482	11231	2.24%	0.197%
6	4.034	339	345	346	rVV3	3228	7240	1.44%	0.127%
7	4.132	348	355	368	rVB	64134	192089	38.24%	3.367%
8	4.419	381	384	392	rVB3	3310	12479	2.48%	0.219%
9	4.872	422	430	441	rBV2	126672	439745	87.55%	7.709%
10	5.237	462	467	477	rBV2	27370	103177	20.54%	1.809%
11	5.612	496	505	515	rBV	145365	377801	75.21%	6.623%
12	6.451	581	590	595	rBV5	4321	16872	3.36%	0.296%
13	7.565	697	703	708	rVV	186868	436901	86.98%	7.659%
14	7.634	708	710	718	rVV	12933	29714	5.92%	0.521%
15	7.772	720	724	728	rVB5	2291	6060	1.21%	0.106%
16	8.226	766	770	773	rBV2	3344	8151	1.62%	0.143%
17	8.275	773	775	781	rVB4	3056	7214	1.44%	0.126%
18	8.463	788	794	801	rVB6	5045	20996	4.18%	0.368%
19	8.976	841	846	850	rBV4	5872	15770	3.14%	0.276%
20	9.065	850	855	856	rVV2	3600	7704	1.53%	0.135%
21	9.124	858	861	867	rVB5	7255	17773	3.54%	0.312%
22	9.301	875	879	885	rVB2	6329	15601	3.11%	0.273%
23	9.558	901	905	910	rVV5	4140	14630	2.91%	0.256%
24	9.647	910	914	918	rVV3	11641	31336	6.24%	0.549%
25	9.716	918	921	923	rVV4	4973	11579	2.31%	0.203%
26	9.785	923	928	936	rVV	223462	502302	100.00%	8.805%
27	9.903	936	940	945	rVB2	31466	78393	15.61%	1.374%
28	10.140	956	964	970	rBV	67266	146950	29.26%	2.576%
29	10.238	970	974	978	rVV5	12887	38667	7.70%	0.678%
30	10.308	978	981	982	rVV2	4145	7213	1.44%	0.126%
31	10.357	984	986	990	rVB4	4678	9169	1.83%	0.161%
32	10.495	995	1000	1001	rBV2	6853	12273	2.44%	0.215%
33	10.525	1001	1003	1007	rVB4	7278	13768	2.74%	0.241%
34	10.682	1015	1019	1021	rBV	28985	65027	12.95%	1.140%

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Integrator: RTE
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35	10.722	1021	1023	1027	rVV	41220	72584	14.45%	1.272%
36	10.781	1027	1029	1033	rVV4	3706	6642	1.32%	0.116%
37	10.830	1033	1034	1037	rVV3	2789	5269	1.05%	0.092%
38	10.870	1037	1038	1042	rVB2	5173	8363	1.66%	0.147%
39	10.959	1042	1047	1050	rVB5	2226	5549	1.10%	0.097%
40	11.047	1052	1056	1059	rBV4	9387	26111	5.20%	0.458%
41	11.126	1060	1064	1066	rVV4	13763	26354	5.25%	0.462%
42	11.166	1066	1068	1071	rVB	15634	22020	4.38%	0.386%
43	11.274	1076	1079	1083	rVB2	28755	51058	10.16%	0.895%
44	11.422	1089	1094	1099	rBV	191368	349055	69.49%	6.119%
45	11.491	1099	1101	1105	rVV4	8780	20008	3.98%	0.351%
46	11.560	1105	1108	1111	rVV3	26144	51345	10.22%	0.900%
47	11.600	1111	1112	1116	rVV3	14975	33176	6.60%	0.582%
48	11.669	1116	1119	1121	rVV	68370	115594	23.01%	2.026%
49	11.718	1121	1124	1129	rVV	59525	141545	28.18%	2.481%
50	11.777	1129	1130	1132	rVV2	7473	8930	1.78%	0.157%
51	11.827	1132	1135	1139	rVB2	30503	51664	10.29%	0.906%
52	11.886	1139	1141	1144	rBV3	5951	10035	2.00%	0.176%
53	11.955	1144	1148	1150	rBV5	7559	15834	3.15%	0.278%
54	12.024	1150	1155	1159	rVV2	32274	78081	15.54%	1.369%
55	12.073	1159	1160	1162	rVV	4620	6226	1.24%	0.109%
56	12.162	1166	1169	1170	rBV3	10829	18321	3.65%	0.321%
57	12.211	1170	1174	1180	rVV	245575	359530	71.58%	6.303%
58	12.300	1180	1183	1185	rVB4	7897	12452	2.48%	0.218%
59	12.389	1189	1192	1194	rBV2	12070	19405	3.86%	0.340%
60	12.428	1194	1196	1198	rVV3	12720	20875	4.16%	0.366%
61	12.468	1198	1200	1204	rVB2	15517	22641	4.51%	0.397%
62	12.557	1205	1209	1213	rBV	301526	464525	92.48%	8.143%
63	12.616	1213	1215	1220	rVB	82577	119945	23.88%	2.103%
64	12.724	1223	1226	1230	rBV2	28583	54102	10.77%	0.948%
65	12.783	1230	1232	1233	rVV	12553	16246	3.23%	0.285%
66	12.823	1233	1236	1243	rVB2	48103	99817	19.87%	1.750%
67	12.941	1245	1248	1250	rBV4	6994	12603	2.51%	0.221%
68	13.020	1253	1256	1259	rVB3	12598	23449	4.67%	0.411%
69	13.109	1259	1265	1268	rBV4	16587	46300	9.22%	0.812%
70	13.158	1268	1270	1272	rBV	13864	17361	3.46%	0.304%
71	13.208	1272	1275	1279	rVB4	10610	20260	4.03%	0.355%

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72	13.296	1282	1284	1287	rBV3	9573	14232	2.83%	0.249%
73	13.346	1287	1289	1291	rBV2	7698	11179	2.23%	0.196%
74	13.385	1291	1293	1295	rVB2	11179	13937	2.77%	0.244%
75	13.425	1295	1297	1301	rVB4	9127	14392	2.87%	0.252%
76	13.494	1301	1304	1307	rBV2	9617	12081	2.41%	0.212%
77	13.543	1307	1309	1311	rVB3	6758	9847	1.96%	0.173%
78	13.592	1311	1314	1317	rVB4	7830	10946	2.18%	0.192%
79	13.721	1324	1327	1332	rBV3	37498	69433	13.82%	1.217%
80	13.819	1335	1337	1338	rBV2	5479	7441	1.48%	0.130%
81	13.859	1338	1341	1345	rBV4	24919	53848	10.72%	0.944%
82	13.918	1345	1347	1352	rVB5	5314	10905	2.17%	0.191%
83	13.977	1352	1353	1355	rVB2	5988	6326	1.26%	0.111%
84	14.026	1355	1358	1360	rBV3	4807	10259	2.04%	0.180%
85	14.164	1367	1372	1373	rBV5	13630	24828	4.94%	0.435%
86	14.224	1376	1378	1379	rVV2	8867	8561	1.70%	0.150%
87	14.273	1382	1383	1385	rBV	5933	6778	1.35%	0.119%
88	14.312	1385	1387	1390	rVV2	16880	21542	4.29%	0.378%
89	14.460	1399	1402	1406	rVV	51991	82342	16.39%	1.443%
90	14.510	1406	1407	1410	rVV3	6455	8864	1.76%	0.155%
91	14.746	1429	1431	1435	rVB5	7531	11182	2.23%	0.196%
92	14.835	1436	1440	1442	rVV3	11232	19899	3.96%	0.349%
93	14.914	1446	1448	1451	rVB4	6164	9323	1.86%	0.163%
94	15.023	1457	1459	1462	rVB3	4989	6965	1.39%	0.122%
95	15.121	1467	1469	1472	rBV4	6142	8621	1.72%	0.151%
96	15.171	1472	1474	1477	rVV4	5683	8335	1.66%	0.146%
97	15.230	1477	1480	1482	rVV4	3427	6358	1.27%	0.111%
98	15.289	1483	1486	1491	rVV2	21708	35296	7.03%	0.619%
99	15.417	1495	1499	1504	rVB	33985	51704	10.29%	0.906%
100	15.802	1534	1538	1540	rBV3	2852	5599	1.11%	0.098%

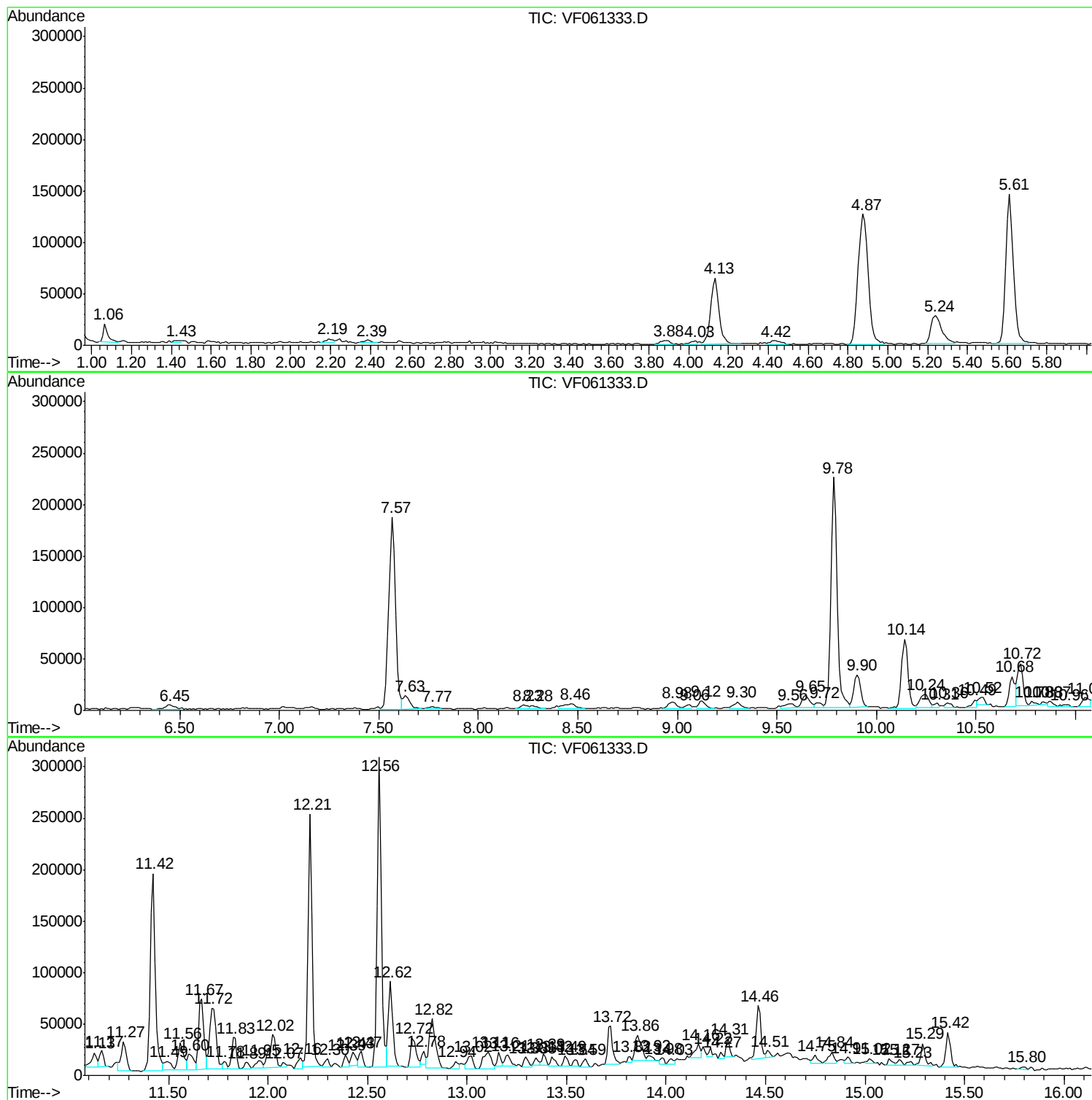
Sum of corrected areas: 5704550

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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260

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



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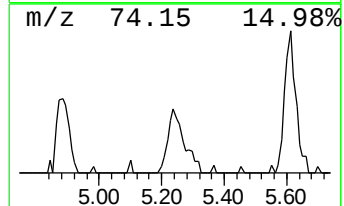
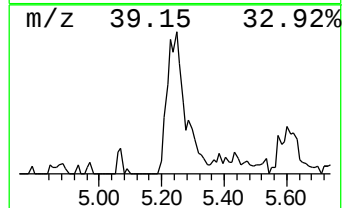
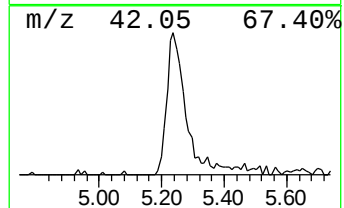
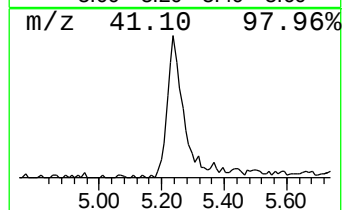
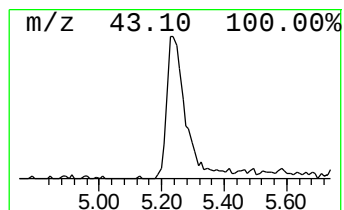
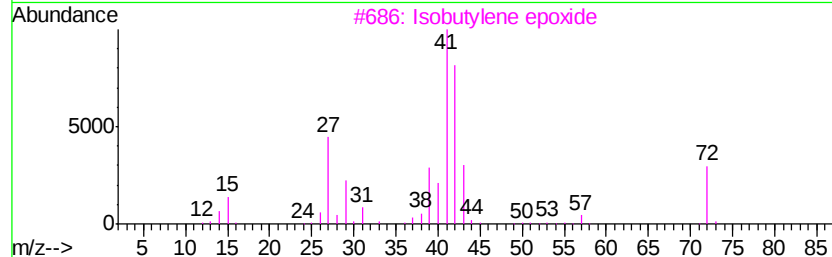
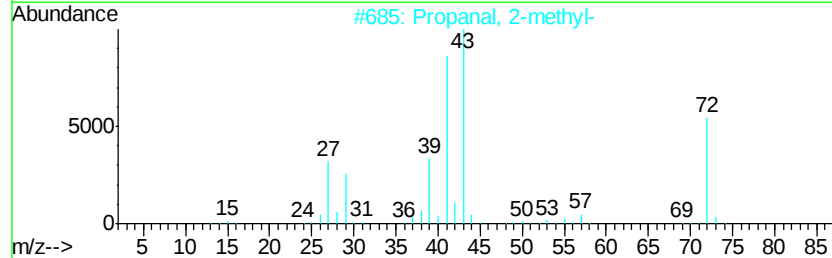
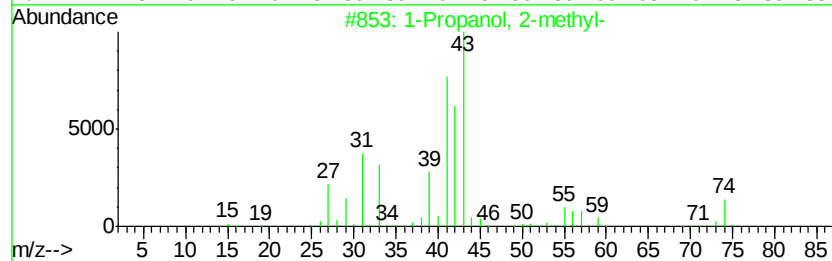
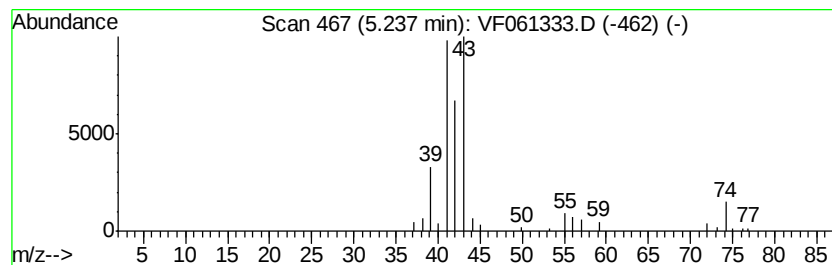
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260

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

Peak Number 1 1-Propanol, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	11.73 ug/l	103177	Pentafluorobenzene	4.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	72
2		Propanal, 2-methyl-	72	C4H8O	000078-84-2	43
3		Isobutylene epoxide	72	C4H8O	000558-30-5	28
4		Oxirane, ethyl-	72	C4H8O	000106-88-7	25
5		Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	23



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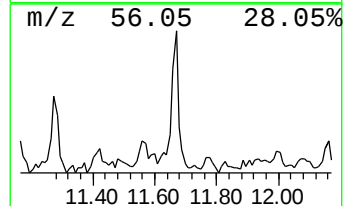
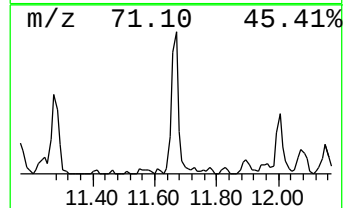
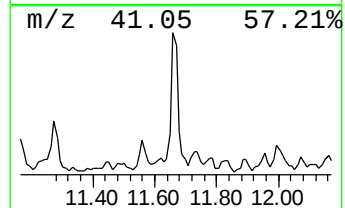
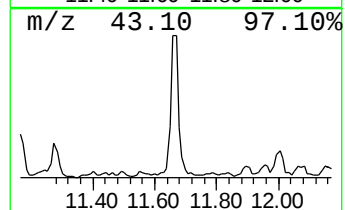
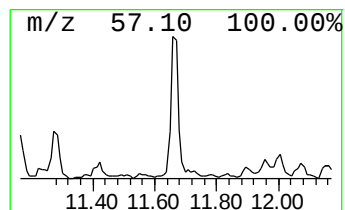
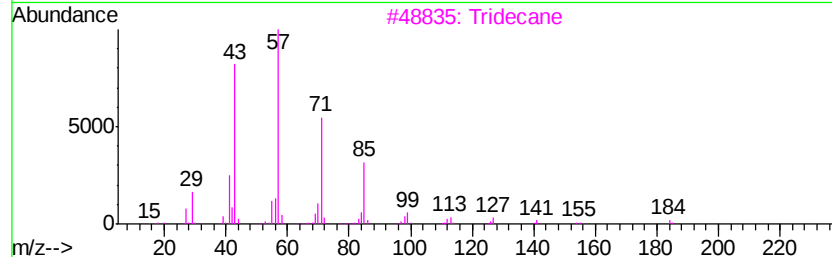
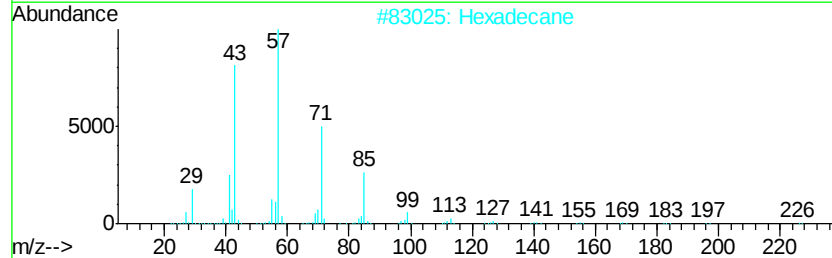
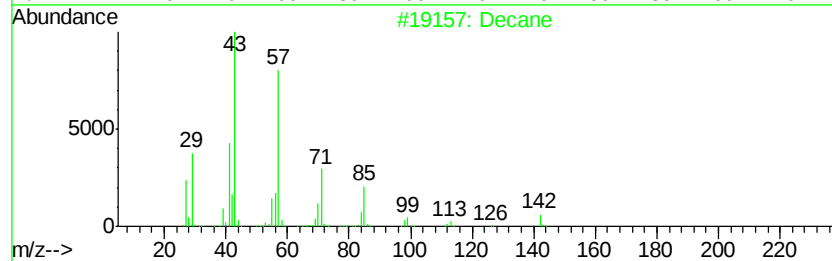
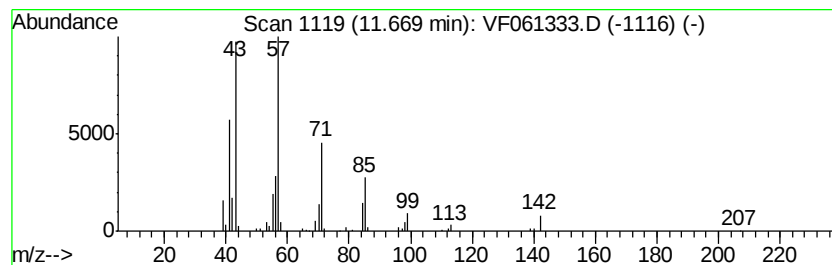
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	12.44 ug/l	115594	1,4-Dichlorobenzene-d4	12.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	81
2		Hexadecane	226	C16H34	000544-76-3	72
3		Tridecane	184	C13H28	000629-50-5	72
4		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	64
5		Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	64



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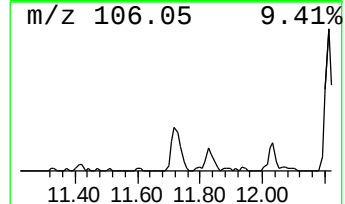
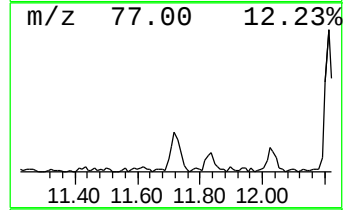
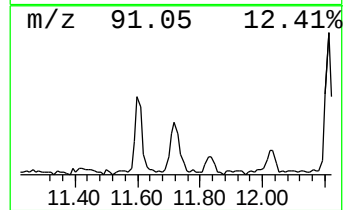
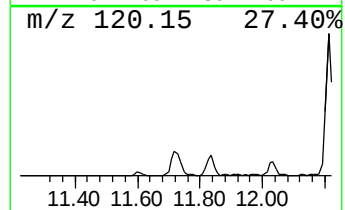
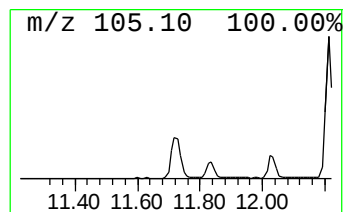
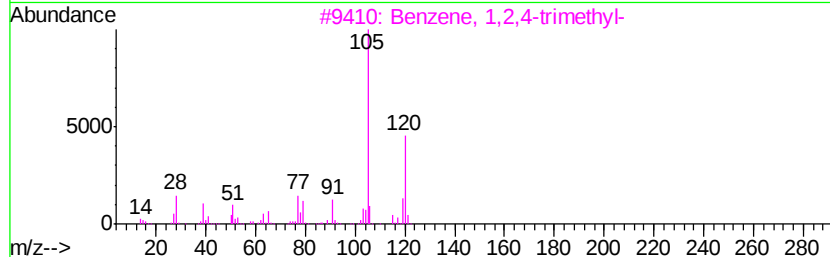
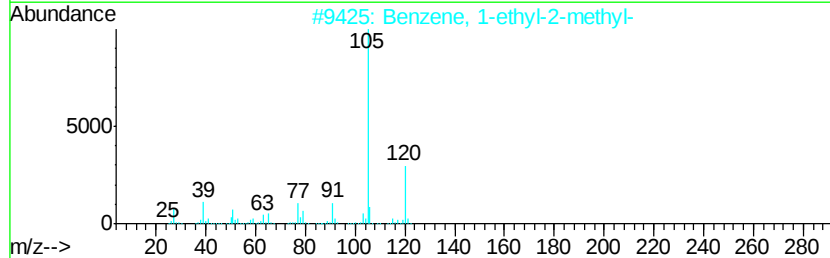
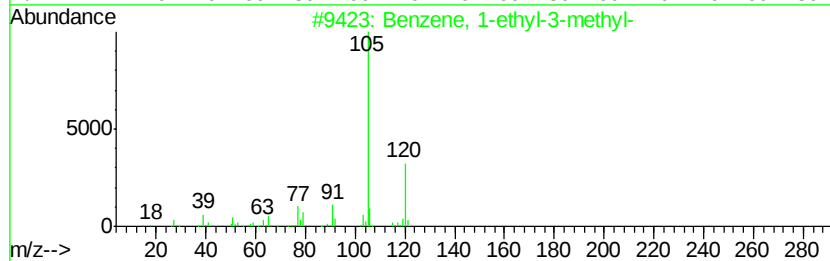
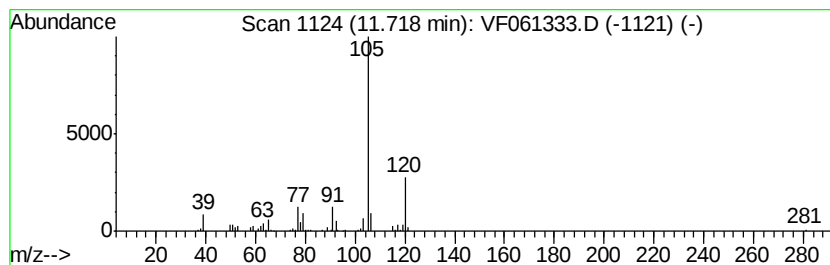
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	15.24 ug/l	141545	1,4-Dichlorobenzene-d4	12.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF010919\
Data File : VF061333.D
Acq On : 10 Jan 2019 8:27
Operator : VA/AP
Sample : K1100-05
Misc : 5.00µ/5mL/MSVOA-F/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SOIL-DRUM-C

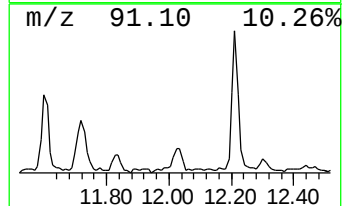
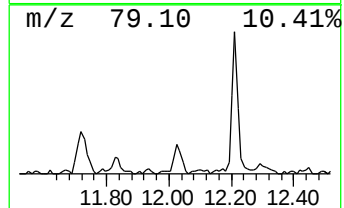
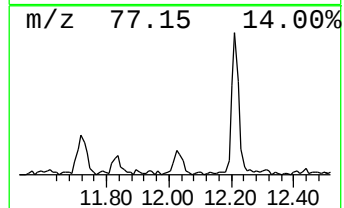
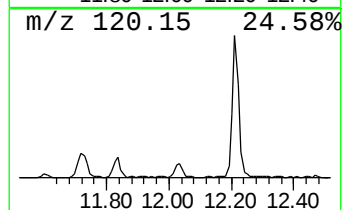
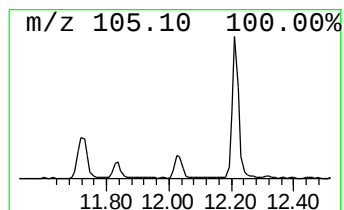
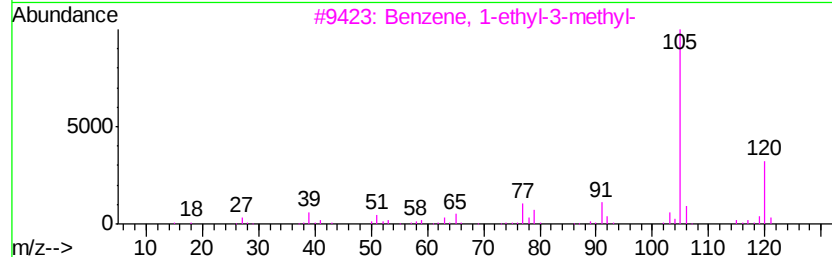
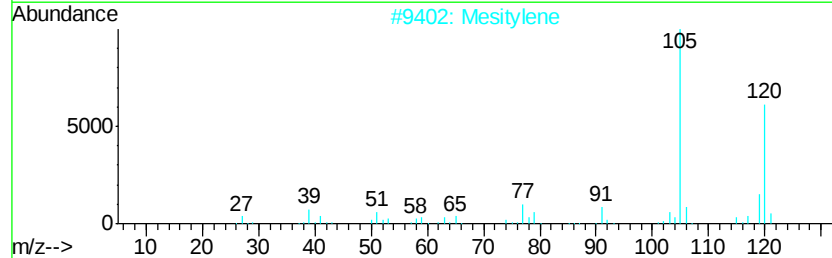
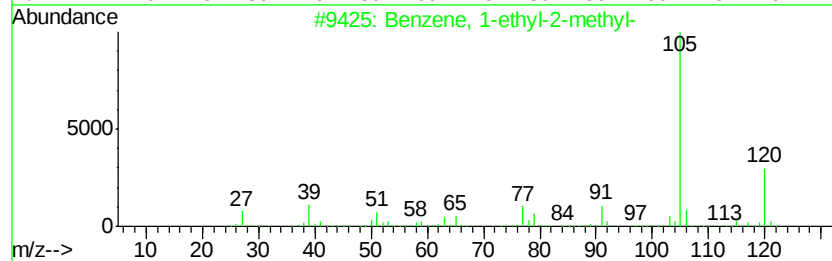
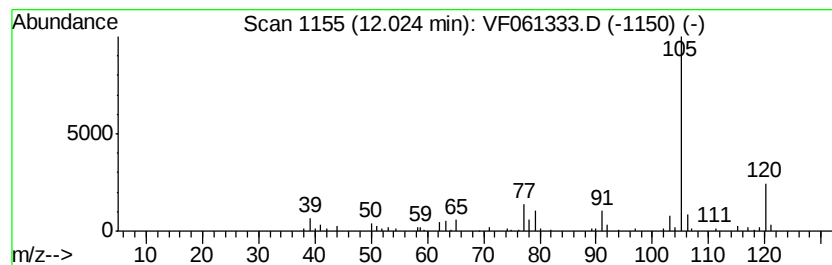
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Quant Title : SW846 8260

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

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	8.40 ug/l	78081	1,4-Dichlorobenzene-d4	12.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2		Mesitylene	120	C9H12	000108-67-8	90
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5		Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF010919\
Data File : VF061333.D
Acq On : 10 Jan 2019 8:27
Operator : VA/AP
Sample : K1100-05
Misc : 5.00µ/5mL/MSVOA-F/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SOIL-DRUM-C

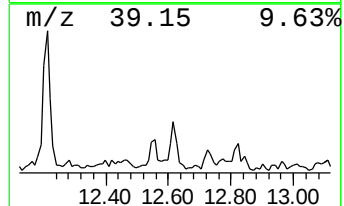
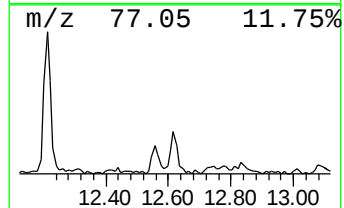
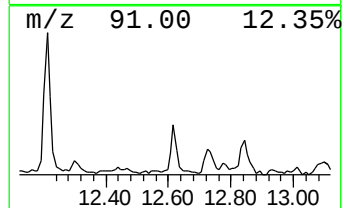
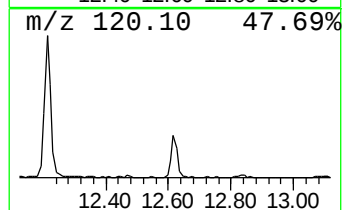
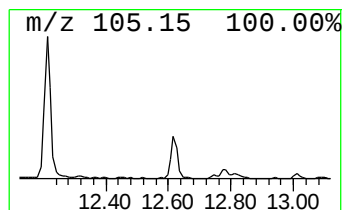
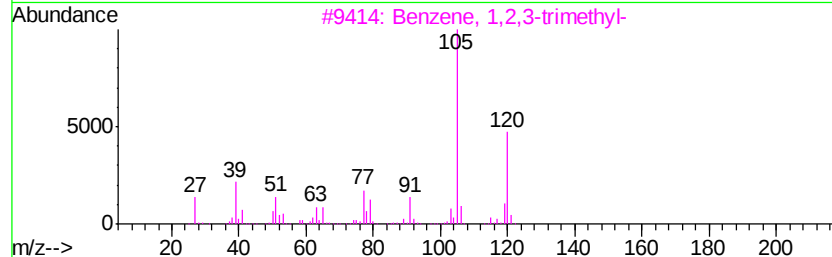
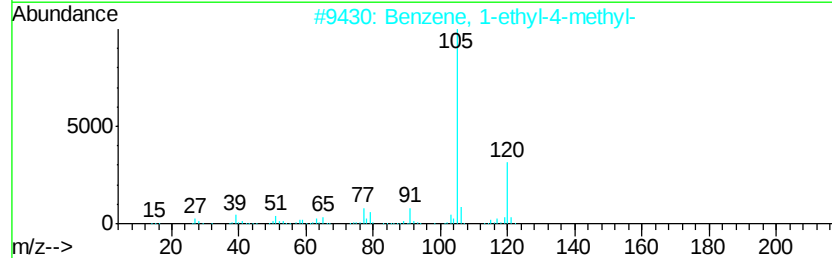
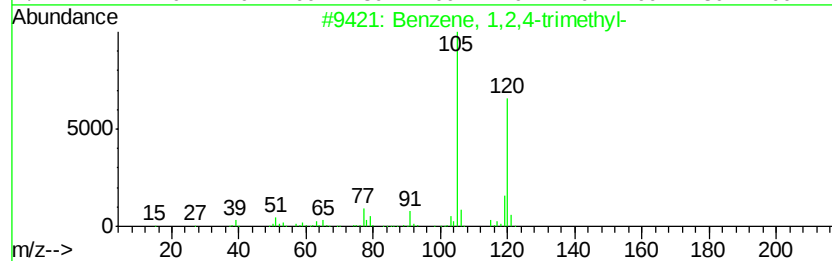
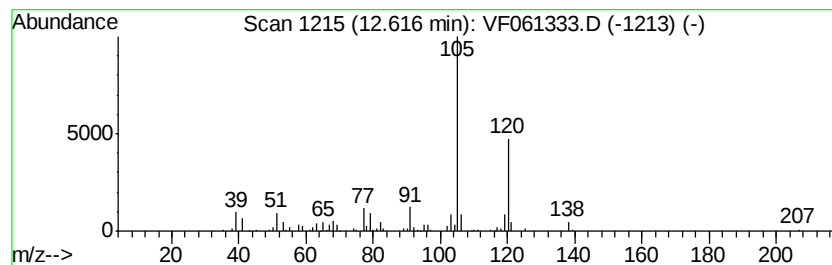
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1,2,4-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	12.91 ug/l	119945	1,4-Dichlorobenzene-d4	12.56

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF010919\
Data File : VF061333.D
Acq On : 10 Jan 2019 8:27
Operator : VA/AP
Sample : K1100-05
Misc : 5.00µ/5mL/MSVOA-F/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SOIL-DRUM-C

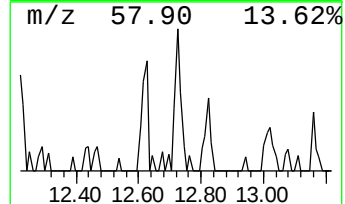
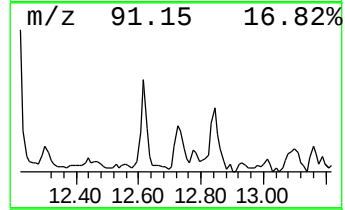
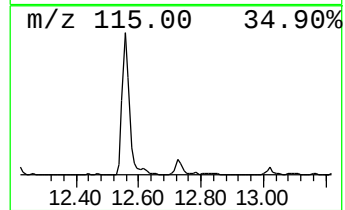
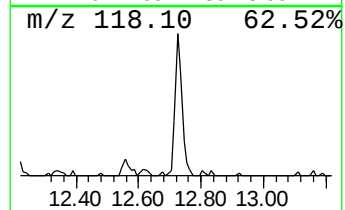
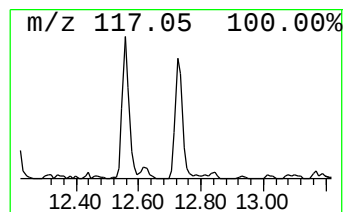
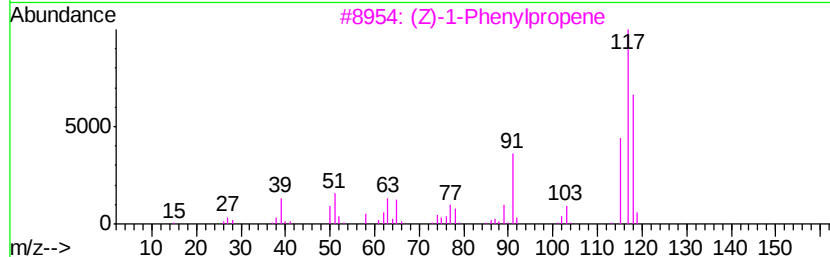
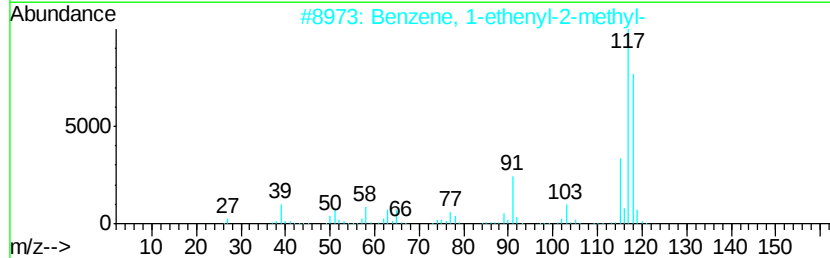
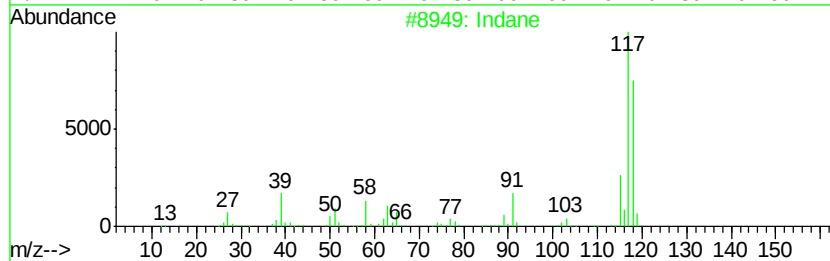
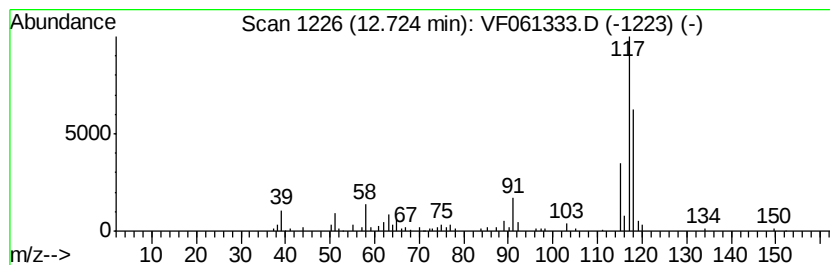
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Quant Title : SW846 8260

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

Peak Number 6 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	5.82 ug/l	54102	1,4-Dichlorobenzene-d4	12.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	94
2	Benzene, 1-ethenyl-2-methyl-		118	C9H10	000611-15-4	74
3	(Z)-1-Phenylpropene		118	C9H10	000766-90-5	74
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-		118	C9H10	1000191-13-7	72
5	Benzene, cyclopropyl-		118	C9H10	000873-49-4	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF010919\
Data File : VF061333.D
Acq On : 10 Jan 2019 8:27
Operator : VA/AP
Sample : K1100-05
Misc : 5.00µ/5mL/MSVOA-F/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SOIL-DRUM-C

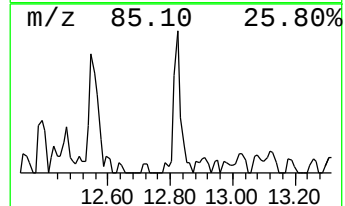
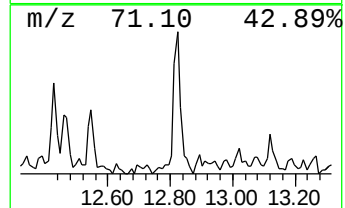
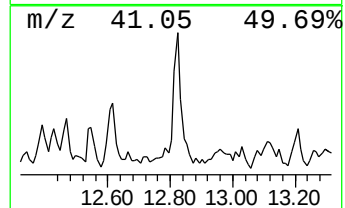
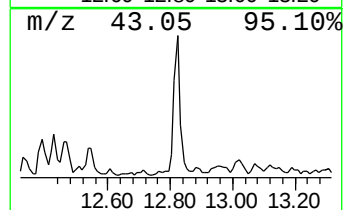
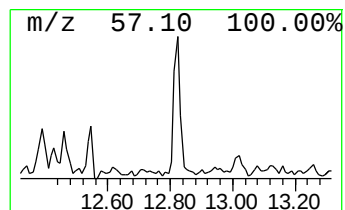
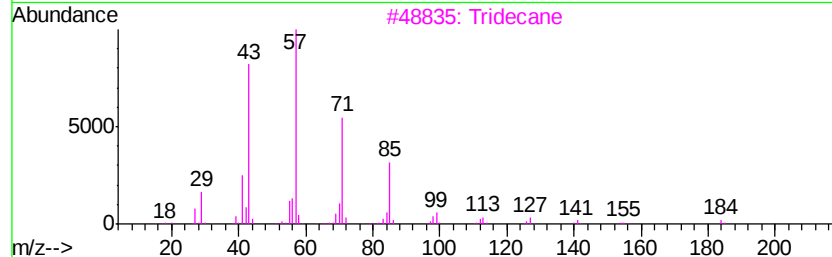
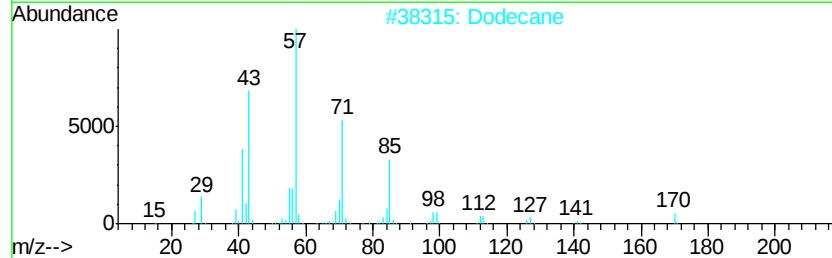
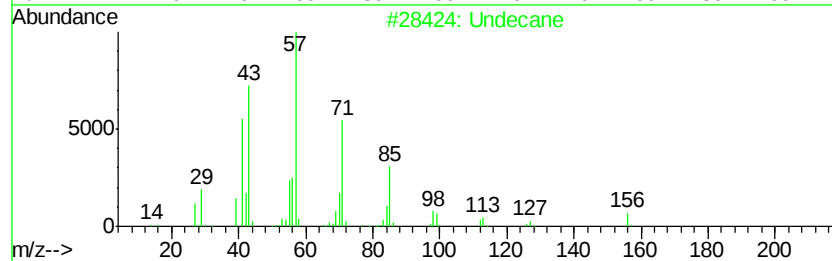
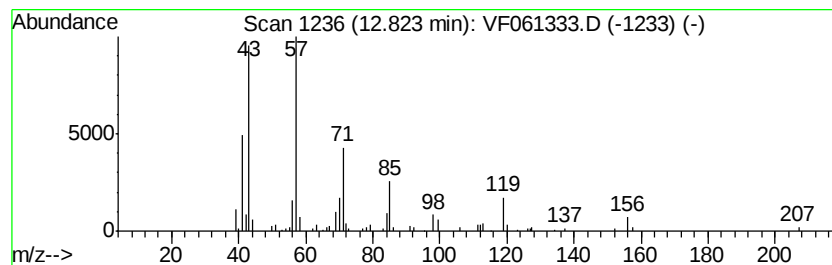
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Quant Title : SW846 8260

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

Peak Number 7 Undecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	10.74 ug/l	99817	1,4-Dichlorobenzene-d4	12.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	91
2	Dodecane		170	C12H26	000112-40-3	72
3	Tridecane		184	C13H28	000629-50-5	64
4	Hexatriacontane		507	C36H74	000630-06-8	64
5	Tetradecane, 1-chloro-		232	C14H29Cl	002425-54-9	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF010919\
 Data File : VF061333.D
 Acq On : 10 Jan 2019 8:27
 Operator : VA/AP
 Sample : K1100-05
 Misc : 5.00µ/5mL/MSVOA-F/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SOIL-DRUM-C

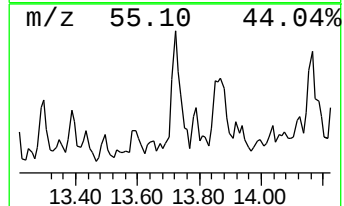
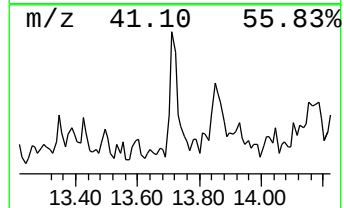
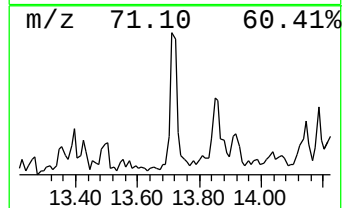
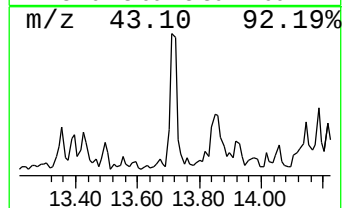
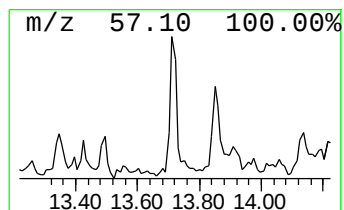
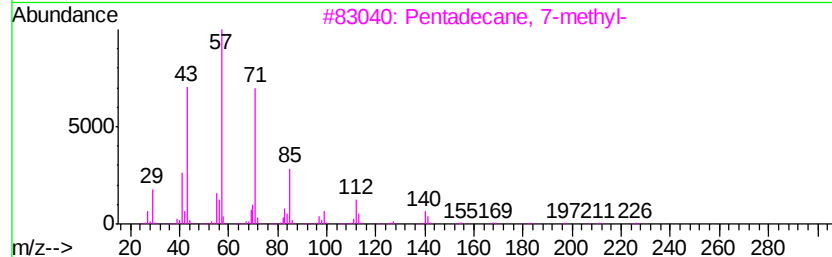
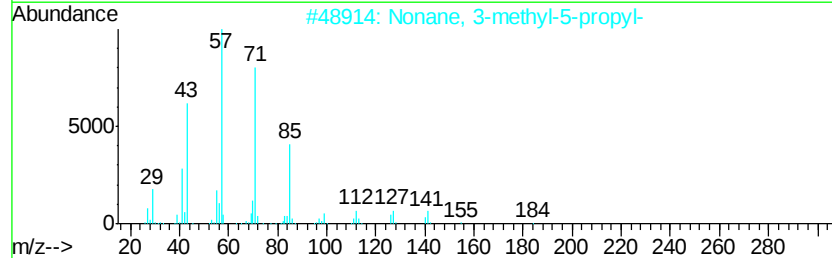
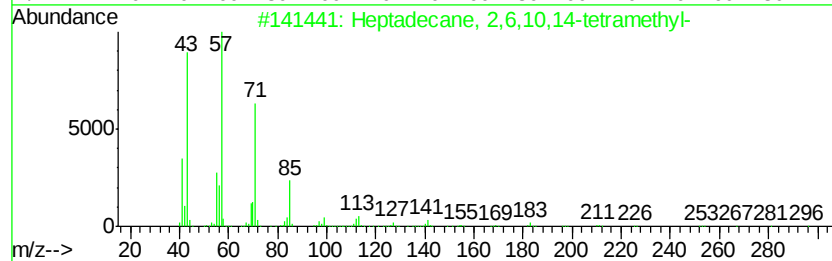
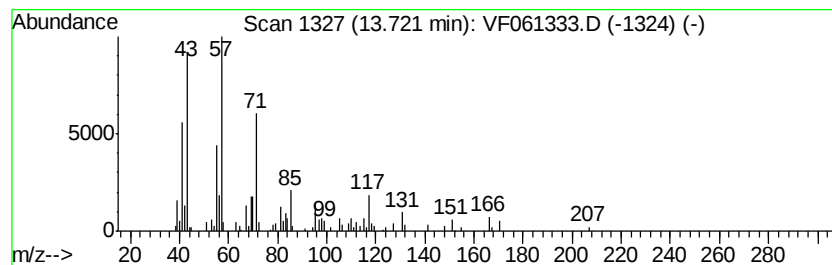
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 Quant Title : SW846 8260

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

 Peak Number 8 Heptadecane, 2,6,10,14-tetr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	7.47 ug/l	69433	1,4-Dichlorobenzene-d4	12.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	52
2		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	50
3		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	47
4		Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	47
5		Tridecane	184	C13H28	000629-50-5	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF010919\
Data File : VF061333.D
Acq On : 10 Jan 2019 8:27
Operator : VA/AP
Sample : K1100-05
Misc : 5.00µ/5mL/MSVOA-F/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SOIL-DRUM-C

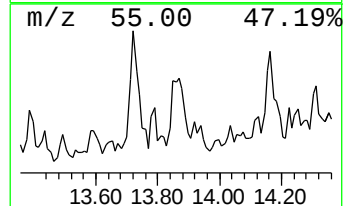
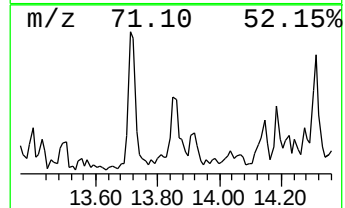
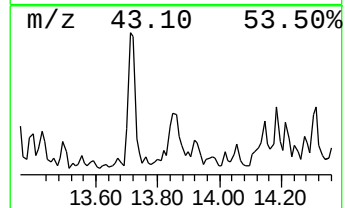
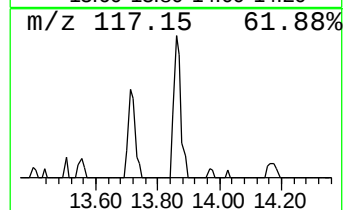
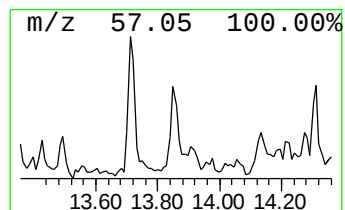
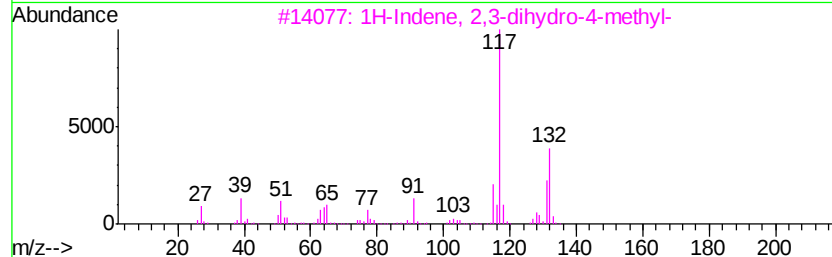
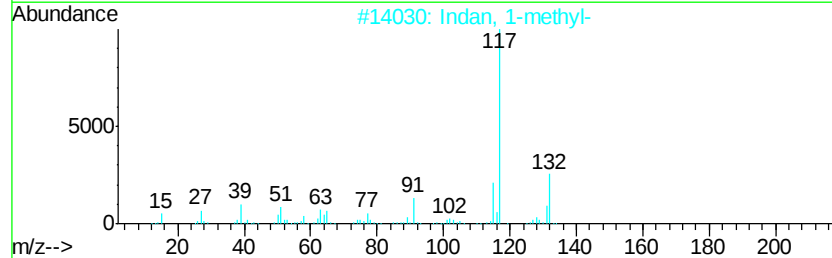
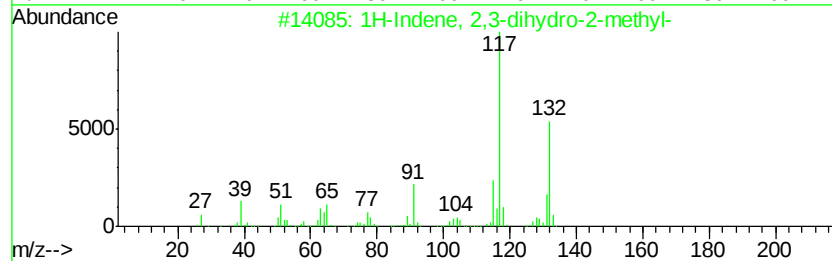
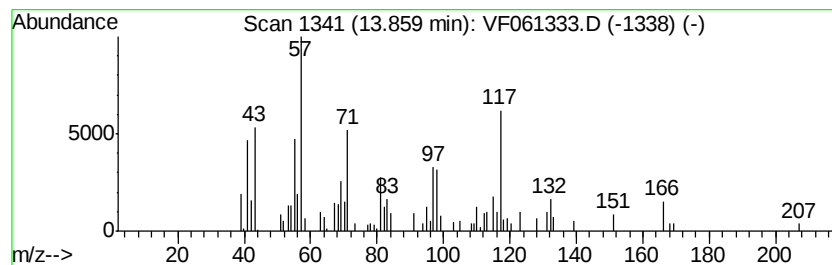
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260

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

Peak Number 9 unknown13.86 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	5.80 ug/l	53848	1,4-Dichlorobenzene-d4	12.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	30
2		Indan, 1-methyl-	132	C10H12	000767-58-8	25
3		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	25
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	25
5		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	25



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF010919\
 Data File : VF061333.D
 Acq On : 10 Jan 2019 8:27
 Operator : VA/AP
 Sample : K1100-05
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SOIL-DRUM-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Decane	11.67	12.4	ug/l	115594	4	12.56	464525	50.0
Benzene, 1-ethyl-...	11.72	15.2	ug/l	141545	4	12.56	464525	50.0
Benzene, 1-ethyl-...	12.02	8.4	ug/l	78081	4	12.56	464525	50.0
Benzene, 1,2,4-tr...	12.62	12.9	ug/l	119945	4	12.56	464525	50.0
Indane	12.72	5.8	ug/l	54102	4	12.56	464525	50.0
Undecane	12.82	10.7	ug/l	99817	4	12.56	464525	50.0
Heptadecane, 2,6,...	13.72	7.5	ug/l	69433	4	12.56	464525	50.0
unknown13.86	13.86	5.8	ug/l	53848	4	12.56	464525	50.0