

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF102618\
 Data File : VF060525.D
 Acq On : 26 Oct 2018 19:23
 Operator : VA/AP
 Sample : J5515-14
 Misc : 6.06/5mL/MSVOA F/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 AOC2-01B

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\82F102518S.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	1.068	41	44	46	rVV2	79421	172884	3.97%	0.362%
2	1.137	47	51	66	rVV	315420	1186004	27.23%	2.484%
3	1.374	70	75	84	rVV	989483	3074140	70.57%	6.438%
4	1.492	84	87	94	rVV2	529522	1229581	28.23%	2.575%
5	1.581	94	96	101	rVV	259534	411570	9.45%	0.862%
6	1.660	101	104	105	rVV	135092	221886	5.09%	0.465%
7	1.699	105	108	115	rVV	427184	838547	19.25%	1.756%
8	1.807	115	119	127	rVB2	31296	81517	1.87%	0.171%
9	2.103	138	149	162	rBV	806441	2732693	62.73%	5.723%
10	2.291	162	168	177	rVB	334869	895567	20.56%	1.875%
11	2.488	182	188	195	rVV2	322022	904200	20.76%	1.893%
12	2.596	195	199	201	rVV2	60726	142498	3.27%	0.298%
13	2.665	201	206	208	rVV2	146434	380057	8.72%	0.796%
14	2.714	208	211	216	rVV2	178809	433496	9.95%	0.908%
15	2.803	216	220	223	rVV2	102169	268381	6.16%	0.562%
16	2.872	223	227	232	rVV3	78277	291524	6.69%	0.610%
17	2.961	232	236	242	rVV	158442	451245	10.36%	0.945%
18	3.079	242	248	255	rVV3	441335	1389179	31.89%	2.909%
19	3.188	255	259	266	rVB2	49383	140449	3.22%	0.294%
20	3.710	300	312	317	rBV3	135725	493228	11.32%	1.033%
21	3.937	323	335	342	rBV3	163395	735357	16.88%	1.540%
22	4.065	342	348	357	rVV3	218052	990022	22.73%	2.073%
23	4.203	357	362	378	rVB	151359	571344	13.12%	1.196%
24	4.479	383	390	393	rBV2	77887	268098	6.15%	0.561%
25	4.568	395	399	403	rVB4	59307	152145	3.49%	0.319%
26	4.676	403	410	418	rBV	490632	1972725	45.29%	4.131%
27	4.814	418	424	434	rVB2	271378	975486	22.39%	2.043%
28	5.129	442	456	465	rBV5	145292	847542	19.46%	1.775%
29	5.238	465	467	472	rVB3	20081	44090	1.01%	0.092%
30	5.336	472	477	482	rBV3	40866	105225	2.42%	0.220%
31	5.445	482	488	500	rBV6	65318	265263	6.09%	0.555%
32	5.632	500	507	517	rVV3	167869	535486	12.29%	1.121%
33	5.829	518	527	531	rVV3	103627	322763	7.41%	0.676%
34	5.908	531	535	541	rVV4	104076	364477	8.37%	0.763%

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35	5.997	542	544	551	rVB2	30019	79762	1.83%	0.167%
36	6.125	551	557	563	rBV2	25046	75099	1.72%	0.157%
37	6.283	569	573	577	rVB5	20719	55383	1.27%	0.116%
38	6.440	582	589	594	rVV2	316572	1030727	23.66%	2.158%
39	6.529	594	598	601	rVV	120851	323062	7.42%	0.677%
40	6.608	601	606	617	rVV	331249	1525993	35.03%	3.196%
41	6.756	617	621	624	rVV	83258	233068	5.35%	0.488%
42	6.805	624	626	634	rVB6	49582	156733	3.60%	0.328%
43	6.973	634	643	646	rBV2	76123	254197	5.84%	0.532%
44	7.032	646	649	659	rVB5	71337	230142	5.28%	0.482%
45	7.190	659	665	671	rBV5	39885	191795	4.40%	0.402%
46	7.298	671	676	682	rVV	210576	577696	13.26%	1.210%
47	7.406	684	687	691	rVV2	33835	79380	1.82%	0.166%
48	7.475	691	694	697	rVV5	16917	45734	1.05%	0.096%
49	7.544	697	701	705	rVV2	36537	106837	2.45%	0.224%
50	7.633	705	710	714	rVV2	110103	286826	6.58%	0.601%
51	7.692	714	716	719	rVV3	40502	98690	2.27%	0.207%
52	7.781	719	725	734	rVV	1770285	4356163	100.00%	9.122%
53	7.909	735	738	742	rVV4	42511	130509	3.00%	0.273%
54	7.988	742	746	750	rVV4	91184	243738	5.60%	0.510%
55	8.067	750	754	758	rVV5	17201	47785	1.10%	0.100%
56	8.146	758	762	769	rVB4	46869	133747	3.07%	0.280%
57	8.294	769	777	780	rBV6	16807	62961	1.45%	0.132%
58	8.422	784	790	793	rBV4	25326	66626	1.53%	0.140%
59	8.540	799	802	805	rVV4	40133	96489	2.21%	0.202%
60	8.599	805	808	811	rVV2	47358	113320	2.60%	0.237%
61	8.658	811	814	821	rVB2	39192	98760	2.27%	0.207%
62	8.786	821	827	834	rBV7	22106	99050	2.27%	0.207%
63	8.974	839	846	855	rVB9	21753	90399	2.08%	0.189%
64	9.122	857	861	864	rBV4	27086	71587	1.64%	0.150%
65	9.250	870	874	879	rVB2	50325	124346	2.85%	0.260%
66	9.427	888	892	896	rBV	38442	94065	2.16%	0.197%
67	9.565	902	906	910	rVB4	22113	52994	1.22%	0.111%
68	9.654	910	915	920	rBV3	35544	101045	2.32%	0.212%
69	9.812	927	931	938	rVV4	28994	126380	2.90%	0.265%
70	9.910	938	941	945	rVV2	26936	62428	1.43%	0.131%
71	10.038	947	954	959	rVV	521164	1170192	26.86%	2.450%

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72	10.117	959	962	966	rVB3	20765	48410	1.11%	0.101%
73	10.265	971	977	984	rVV	1465475	3158883	72.52%	6.615%
74	10.364	986	987	995	rVV6	30084	83106	1.91%	0.174%
75	10.472	995	998	1008	rVV6	22952	75749	1.74%	0.159%
76	10.640	1008	1015	1021	rVB5	21095	72867	1.67%	0.153%
77	10.778	1026	1029	1030	rBV	32494	47291	1.09%	0.099%
78	10.827	1030	1034	1039	rVB	597761	1080357	24.80%	2.262%
79	11.142	1062	1066	1069	rBV4	21071	50403	1.16%	0.106%
80	11.221	1071	1074	1080	rVV2	88279	201691	4.63%	0.422%
81	11.310	1080	1083	1086	rVV	74064	131219	3.01%	0.275%
82	11.359	1086	1088	1094	rVB2	27214	47696	1.09%	0.100%
83	11.684	1118	1121	1124	rVV	301135	463019	10.63%	0.970%
84	11.744	1124	1127	1129	rVV	43497	79117	1.82%	0.166%
85	11.793	1129	1132	1141	rVV	894200	1951159	44.79%	4.086%
86	11.911	1141	1144	1148	rVB	414417	619536	14.22%	1.297%
87	12.108	1159	1164	1166	rBV	260347	408747	9.38%	0.856%
88	12.148	1166	1168	1173	rVB	29115	50580	1.16%	0.106%
89	12.286	1178	1182	1188	rVB	973951	1356683	31.14%	2.841%
90	12.374	1188	1191	1195	rBV2	56289	103939	2.39%	0.218%
91	12.503	1201	1204	1211	rVB3	53527	137900	3.17%	0.289%
92	12.611	1211	1215	1219	rVB6	27935	81706	1.88%	0.171%
93	12.680	1219	1222	1226	rBV	137838	216847	4.98%	0.454%
94	12.798	1229	1234	1237	rBV2	105918	229190	5.26%	0.480%
95	12.848	1237	1239	1241	rBV	80323	97398	2.24%	0.204%
96	13.074	1259	1262	1266	rBV	35298	53527	1.23%	0.112%
97	13.143	1266	1269	1275	rVV4	22406	66188	1.52%	0.139%
98	13.301	1282	1285	1289	rVV	49765	106900	2.45%	0.224%
99	13.360	1289	1291	1294	rVV3	20200	50314	1.16%	0.105%
100	13.577	1308	1313	1322	rVB7	22824	100595	2.31%	0.211%

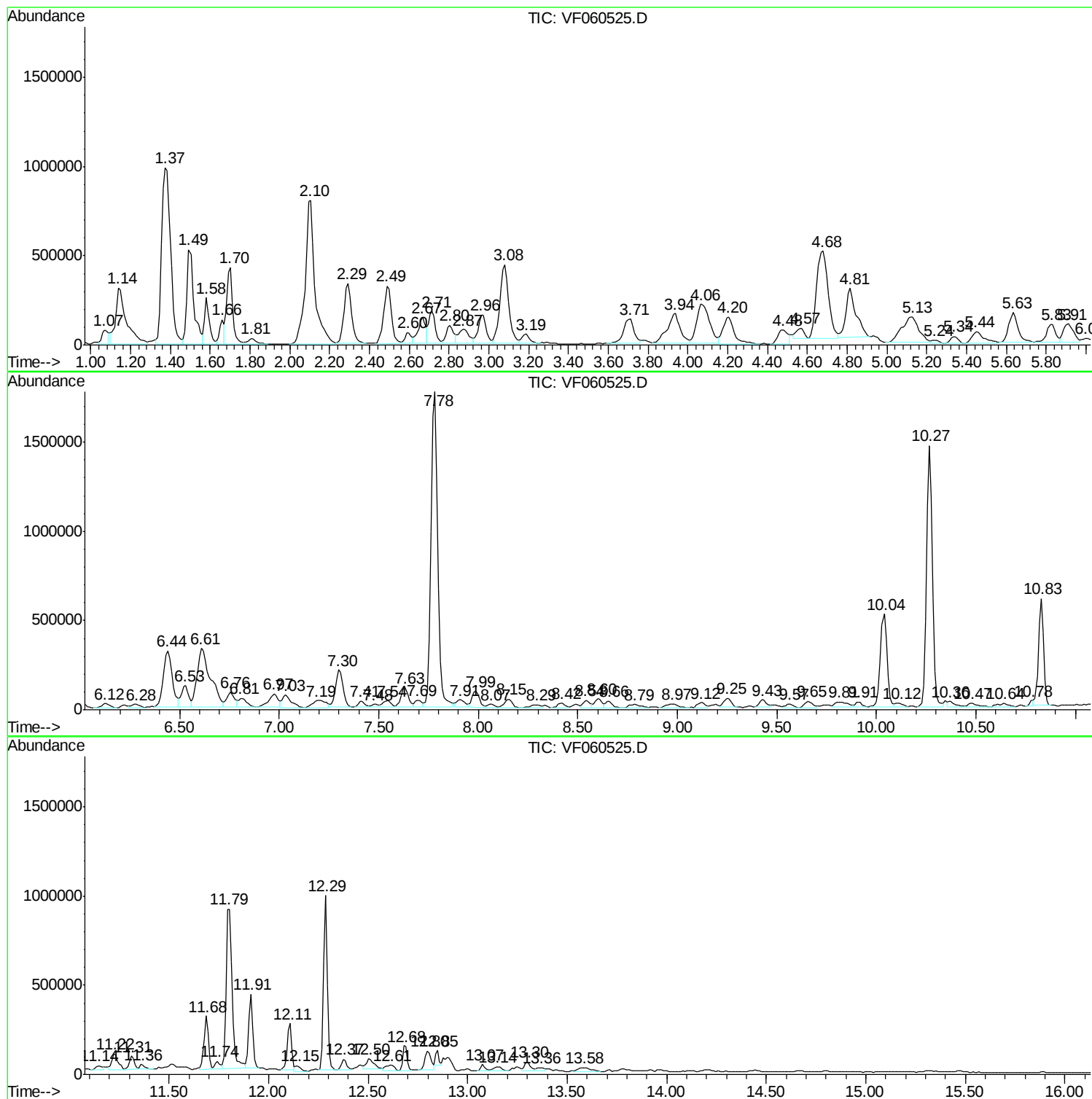
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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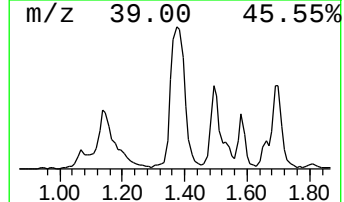
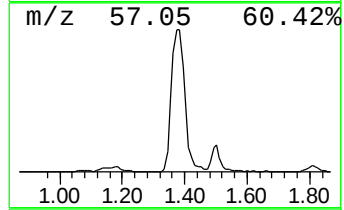
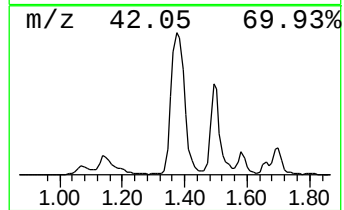
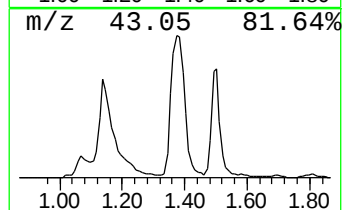
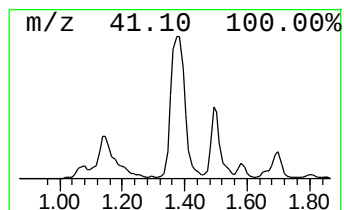
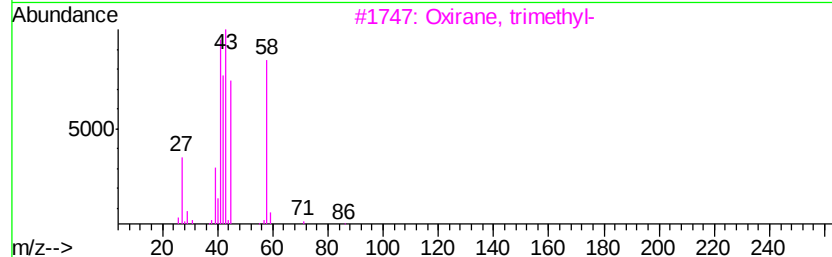
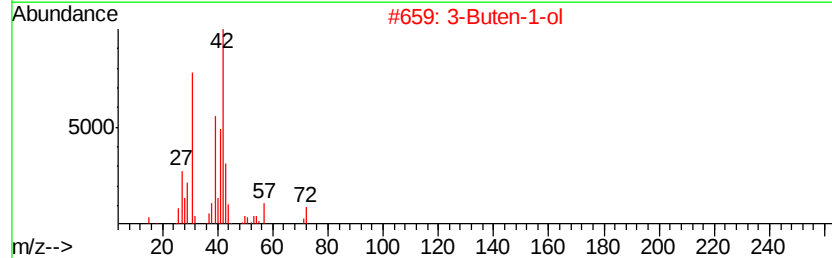
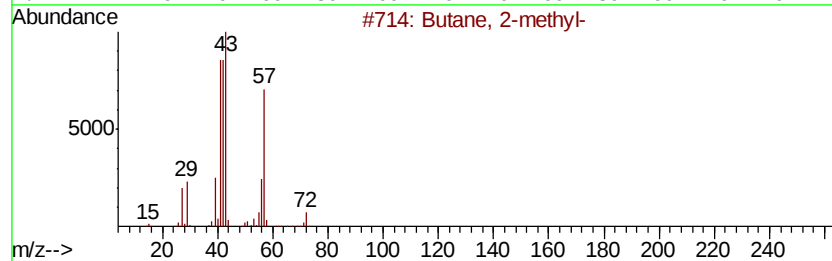
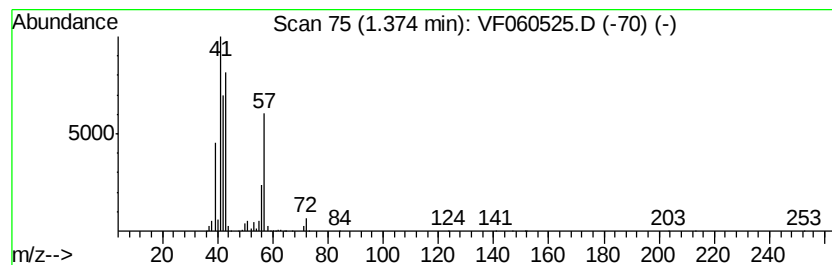
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F102518S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	181.36 ug/l	3074140	Pentafluorobenzene	5.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	58
2		3-Buten-1-ol	72	C4H8O	000627-27-0	25
3		Oxirane, trimethyl-	86	C5H10O	005076-19-7	25
4		Butane, 1-isocvano-	83	C5H9N	002769-64-4	12
5		1-Propene, 2-methyl-	56	C4H8	000115-11-7	10



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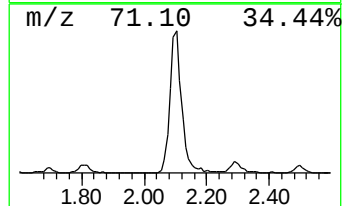
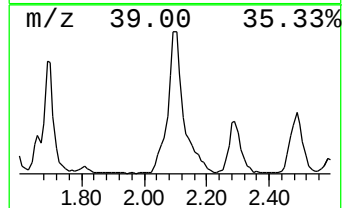
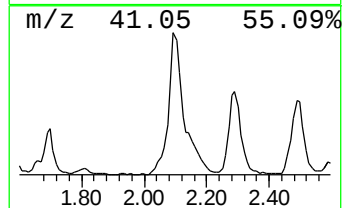
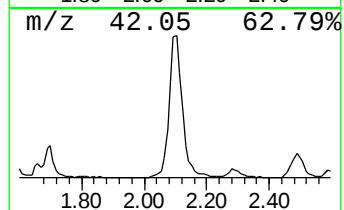
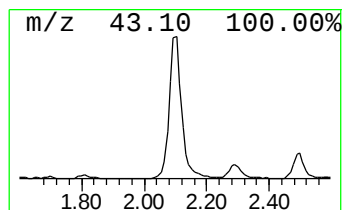
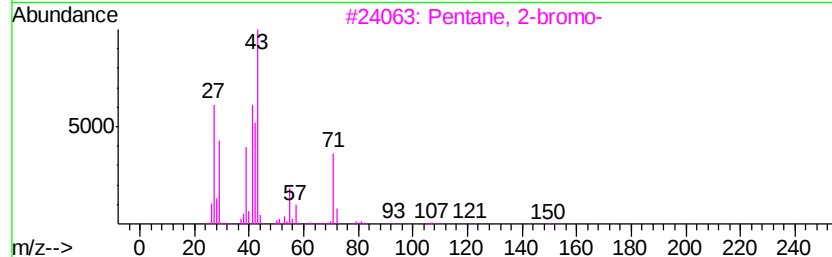
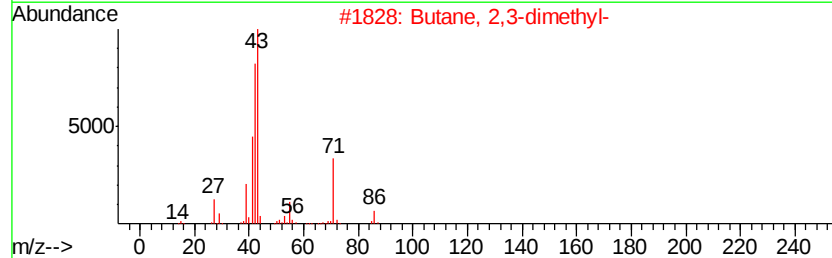
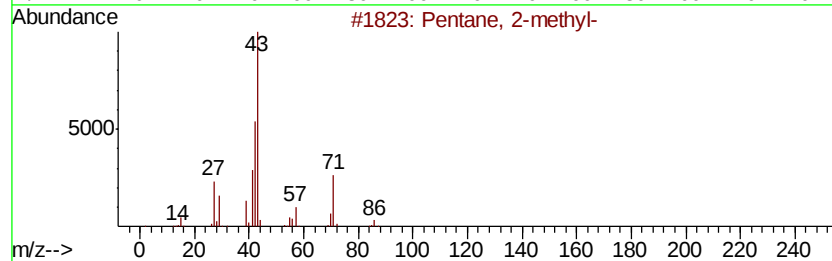
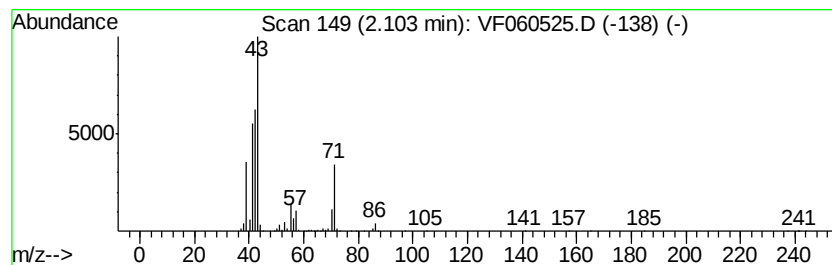
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Peak Number 2 Pentane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.10	161.21 ug/l	2732690	Pentafluorobenzene	5.05

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	64
4		1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	38
5		Cyclobutane, methyl-	70	C5H10	000598-61-8	35



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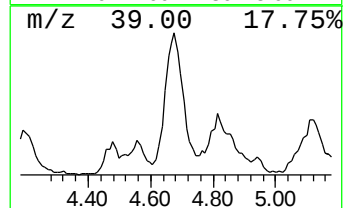
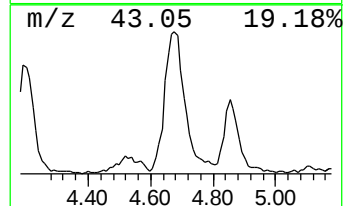
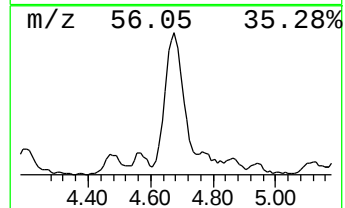
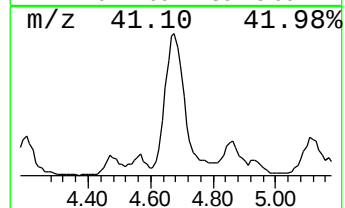
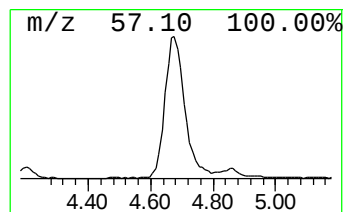
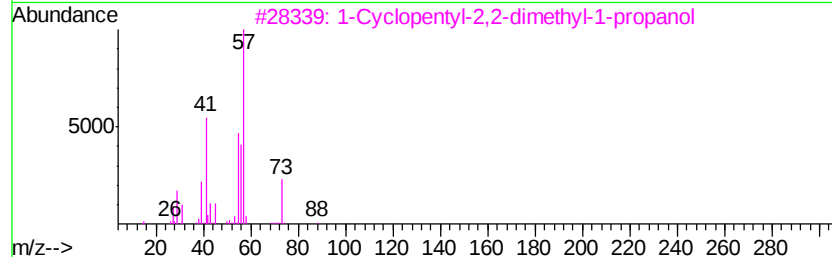
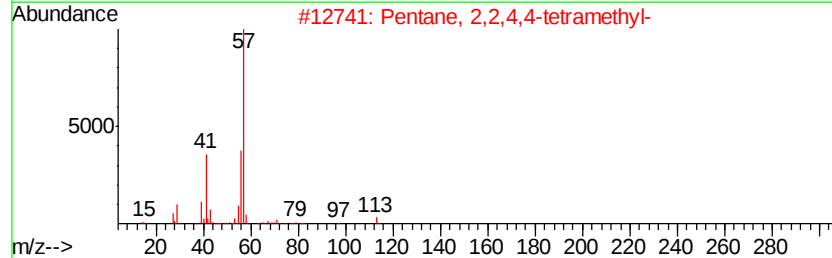
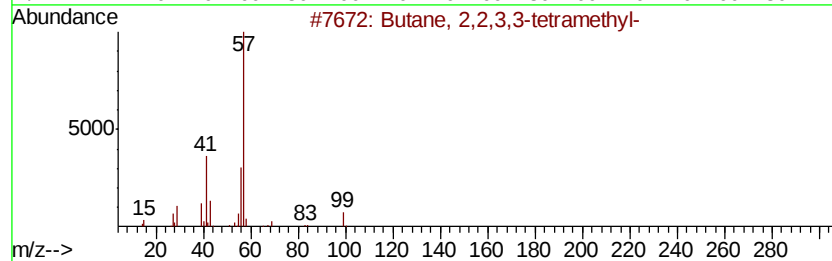
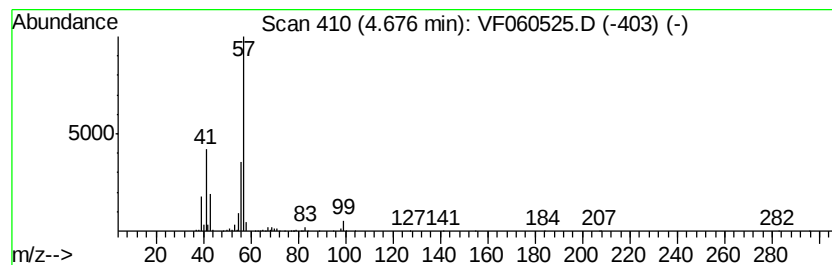
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Peak Number 3 Butane, 2,2,3,3-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	116.38 ug/l	1972730	Pentafluorobenzene	5.05

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	64
2		Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	64
3		1-Cyclopentyl-2,2-dimethyl-1-pro...	156	C10H20O	337966-85-5	50
4		Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	50
5		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF102618\
Data File : VF060525.D
Acq On : 26 Oct 2018 19:23
Operator : VA/AP
Sample : J5515-14
Misc : 6.06/5mL/MSVOA F/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
AOC2-01B

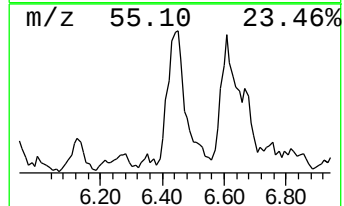
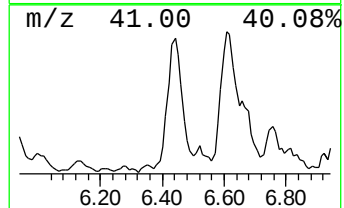
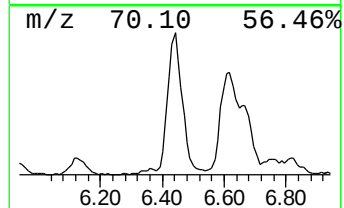
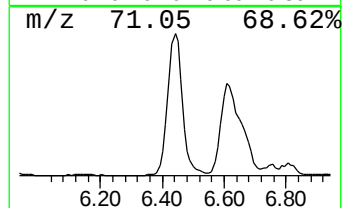
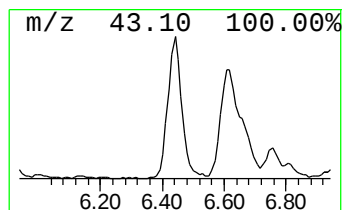
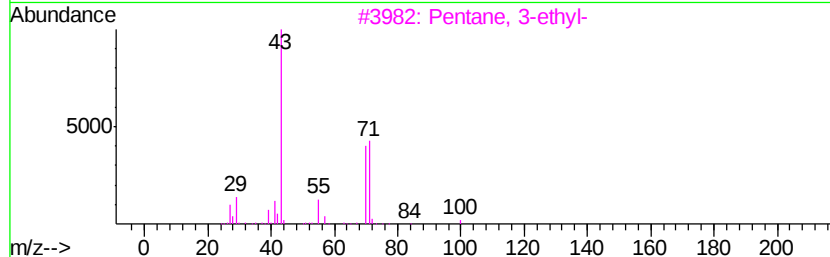
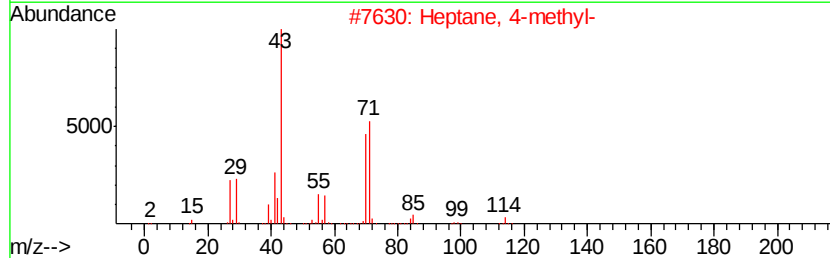
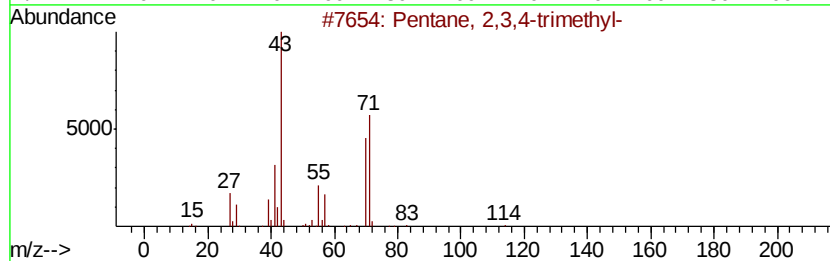
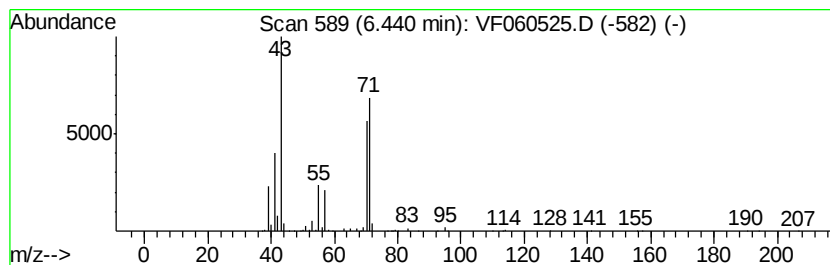
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	159.67 ug/l	1030730	1,4-Difluorobenzene	5.77

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	78
4		Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	64
5		Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	56



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF102618\
Data File : VF060525.D
Acq On : 26 Oct 2018 19:23
Operator : VA/AP
Sample : J5515-14
Misc : 6.06/5mL/MSVOA F/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
AOC2-01B

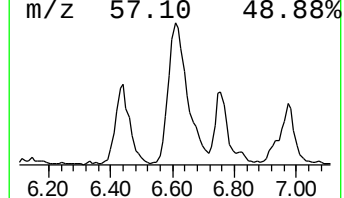
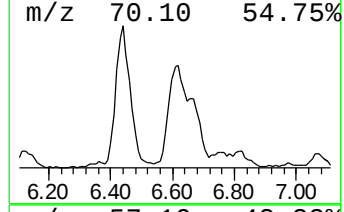
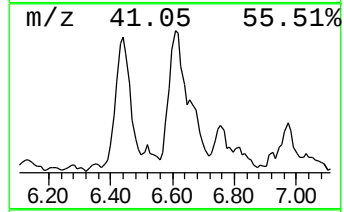
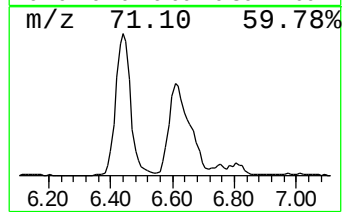
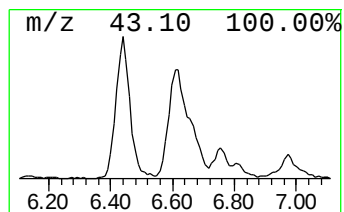
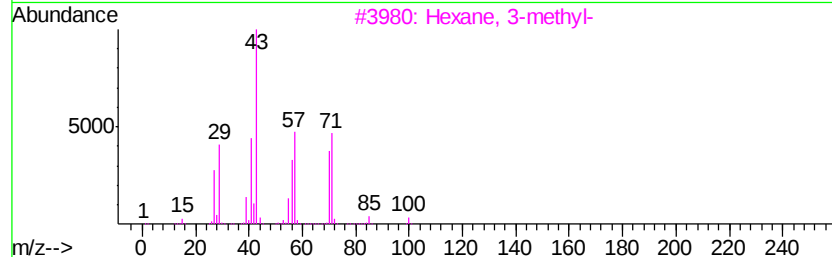
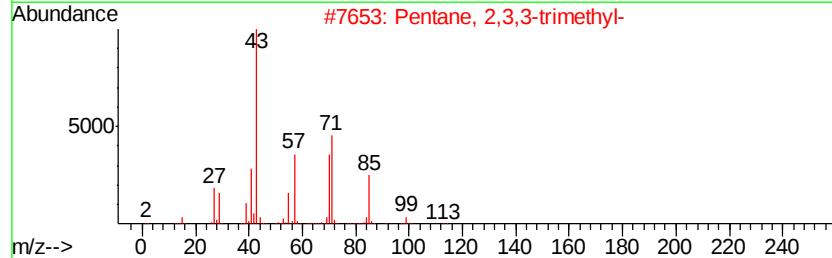
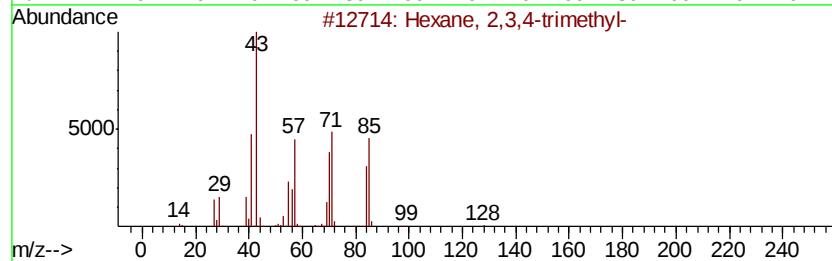
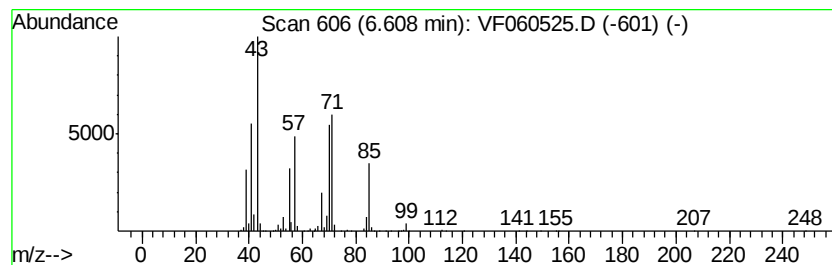
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Quant Title : SW846 8260

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

Peak Number 5 Hexane, 2,3,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	236.40 ug/l	1525990	1,4-Difluorobenzene	5.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
2		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	59
3		Hexane, 3-methyl-	100	C7H16	000589-34-4	53
4		3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	50
5		Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF102618\
Data File : VF060525.D
Acq On : 26 Oct 2018 19:23
Operator : VA/AP
Sample : J5515-14
Misc : 6.06/5mL/MSVOA F/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
AOC2-01B

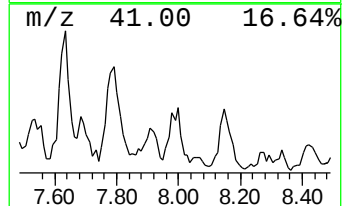
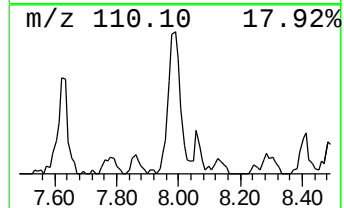
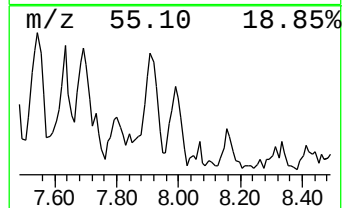
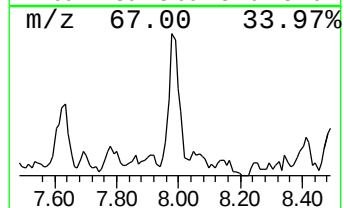
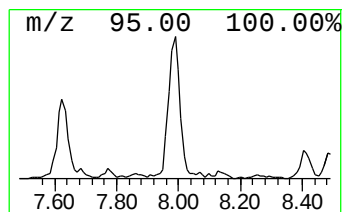
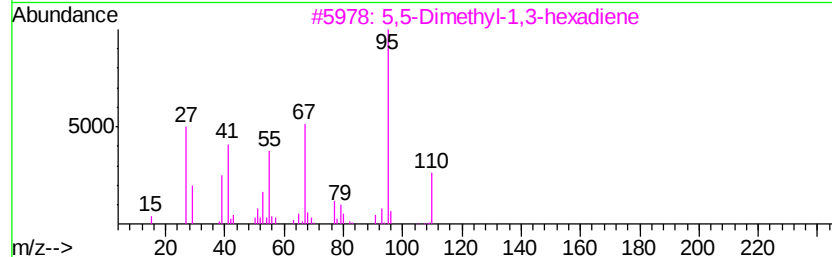
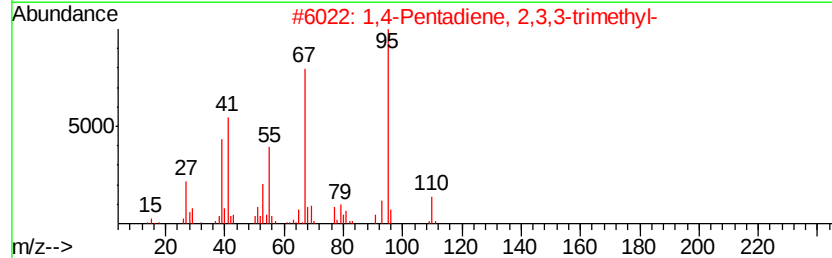
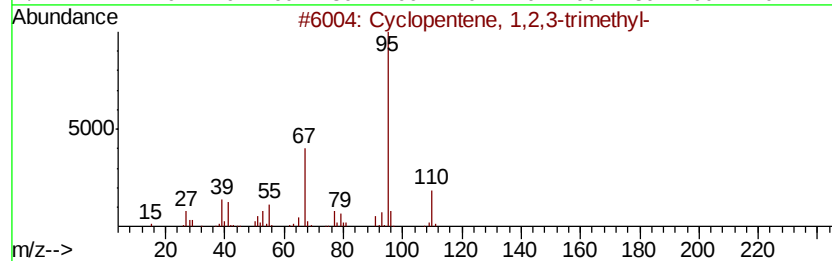
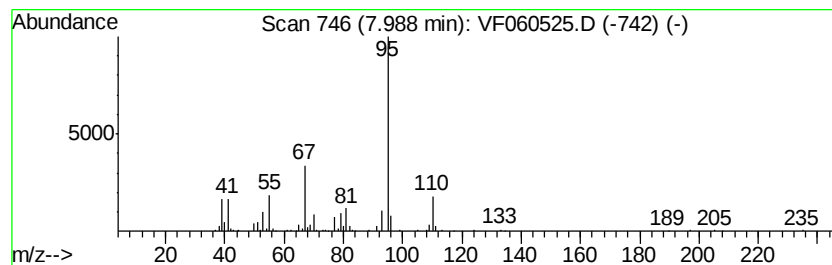
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Quant Title : SW846 8260

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

Peak Number 6 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	195.22 ug/l	243738	Chlorobenzene-d5	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	90
2		1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	86
3		5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	86
4		1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	86
5		Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF102618\
Data File : VF060525.D
Acq On : 26 Oct 2018 19:23
Operator : VA/AP
Sample : J5515-14
Misc : 6.06/5mL/MSVOA F/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
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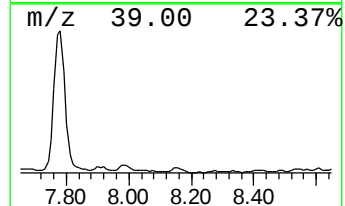
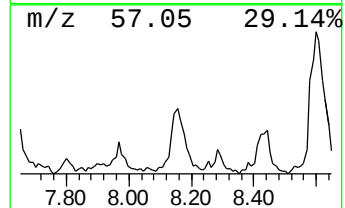
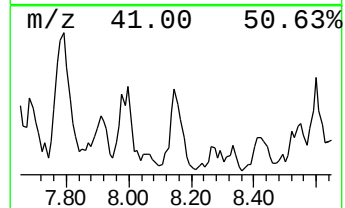
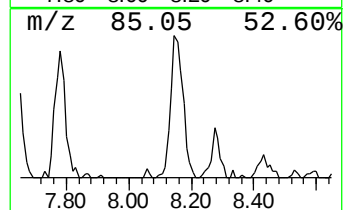
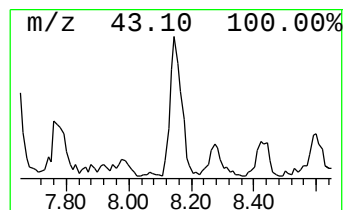
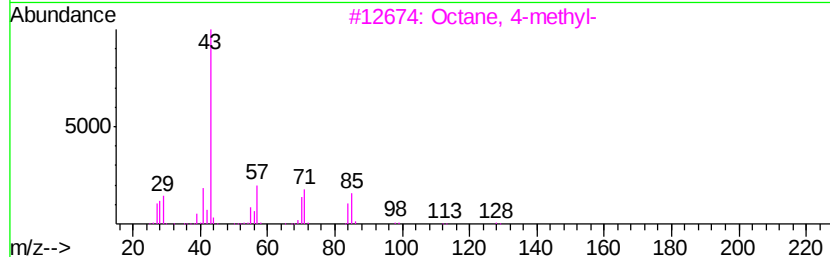
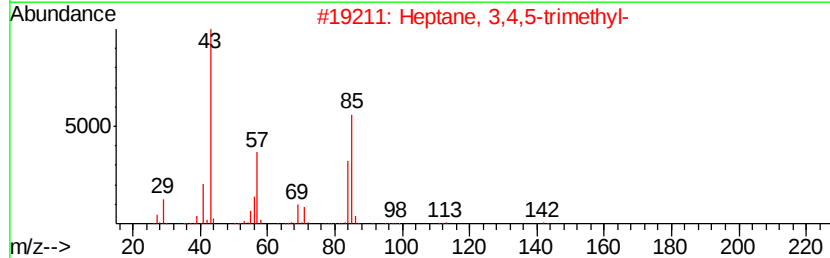
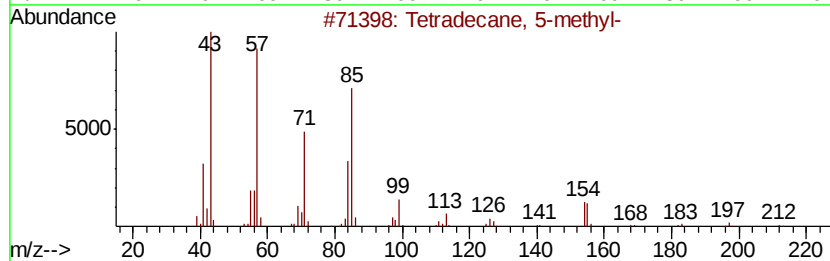
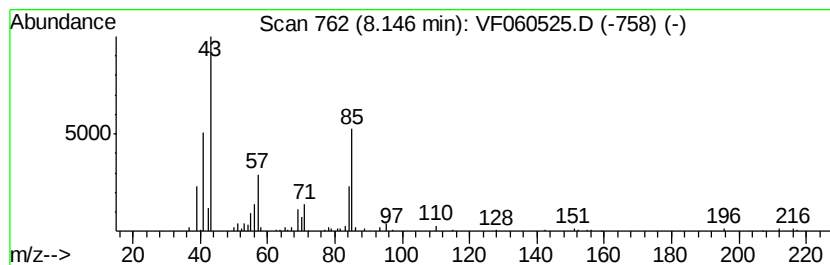
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F102518S.M
Quant Title : SW846 8260

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

Peak Number 7 Tetradecane, 5-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	107.12 ug/l	133747	Chlorobenzene-d5	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 5-methyl-	212	C15H32	025117-32-2	72
2		Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	72
3		Octane, 4-methyl-	128	C9H20	002216-34-4	59
4		2-Pentanone, 3-ethyl-3-methyl-	128	C8H16O	019780-65-5	59
5		Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF102618\
Data File : VF060525.D
Acq On : 26 Oct 2018 19:23
Operator : VA/AP
Sample : J5515-14
Misc : 6.06/5mL/MSVOA F/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
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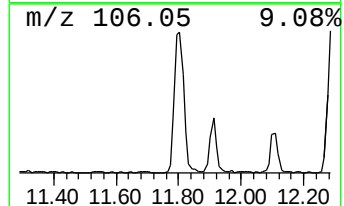
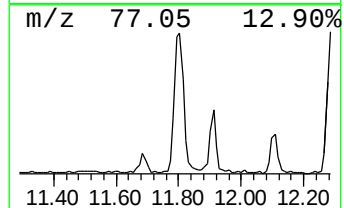
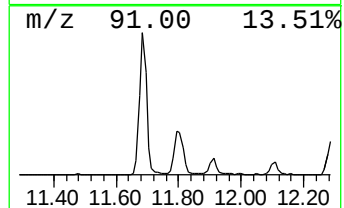
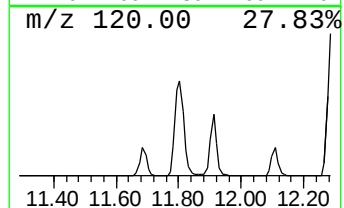
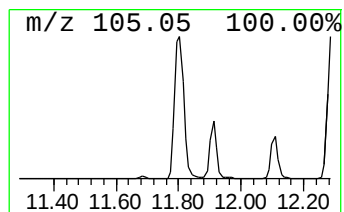
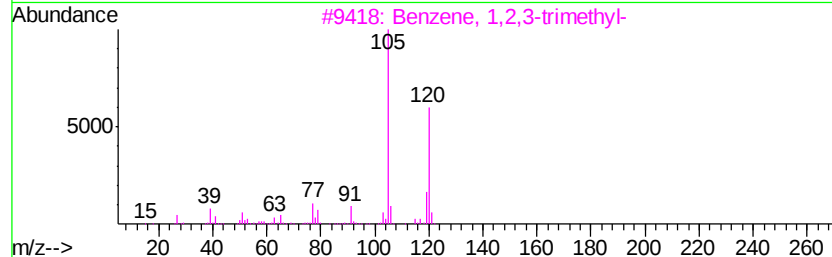
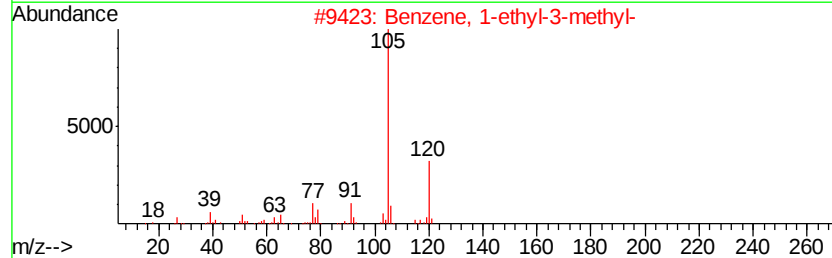
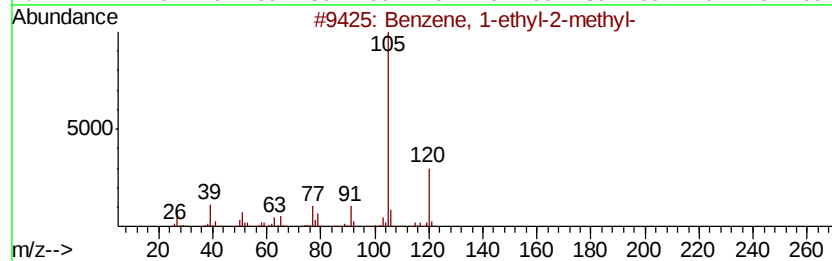
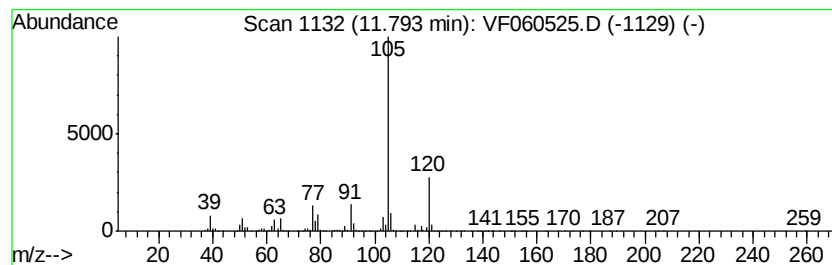
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	1194.01 ug/l	1951160	1,4-Dichlorobenzene-d4	12.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF102618\
Data File : VF060525.D
Acq On : 26 Oct 2018 19:23
Operator : VA/AP
Sample : J5515-14
Misc : 6.06/5mL/MSVOA F/SOIL
ALS Vial : 41 Sample Multiplier: 1

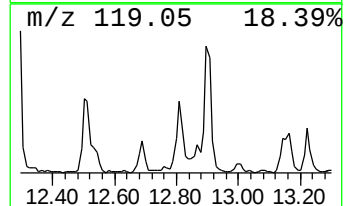
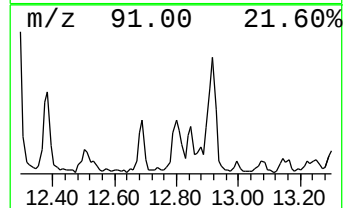
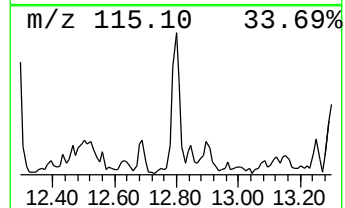
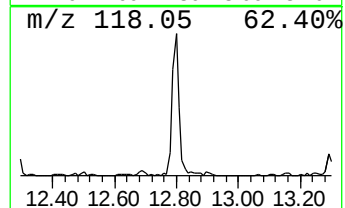
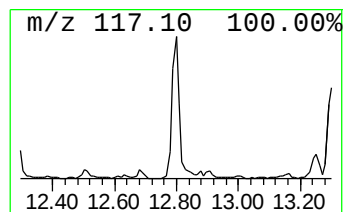
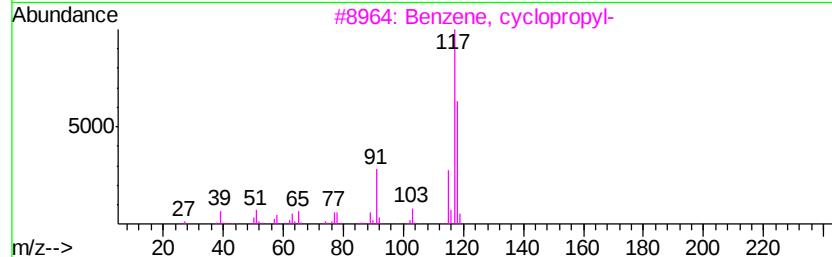
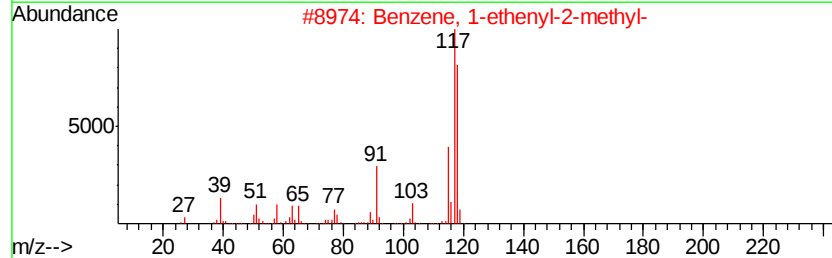
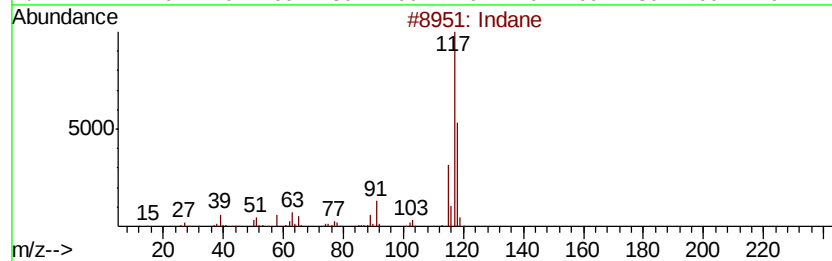
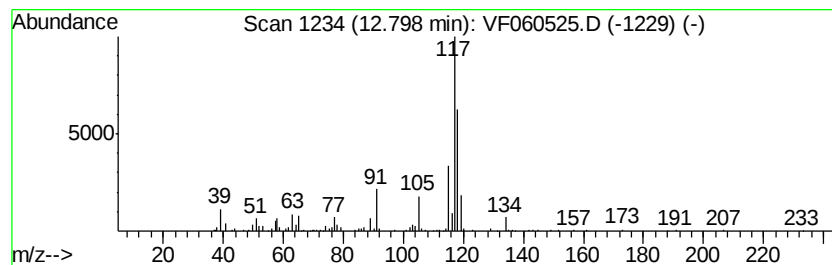
Instrument :
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ClientSampleId :
AOC2-01B

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F102518S.M
Quant Title : SW846 8260

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

Peak Number 10 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	140.25 ug/l	229190	1,4-Dichlorobenzene-d4	12.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Indane		118 C9H10	000496-11-7 68
2	Benzene, 1-ethenyl-2-methyl-		118 C9H10	000611-15-4 68
3	Benzene, cyclopropyl-		118 C9H10	000873-49-4 64
4	Benzene, 1-propenyl-		118 C9H10	000637-50-3 64
5	Bicyclo[4.2.0]octa-1,3,5-triene,...		118 C9H10	055337-80-9 59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF102618\
Data File : VF060525.D
Acq On : 26 Oct 2018 19:23
Operator : VA/AP
Sample : J5515-14
Misc : 6.06/5mL/MSVOA_F/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
AOC2-01B

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F102518S.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
Butane, 2-methyl-	1.37	181.4	ug/l	3074140	1	5.05	847542	50.0
Pentane, 2-methyl-	2.10	161.2	ug/l	2732690	1	5.05	847542	50.0
Butane, 2,2,3,3-t...	4.68	116.4	ug/l	1972730	1	5.05	847542	50.0
Pentane, 2,3,4-tr...	6.44	159.7	ug/l	1030730	2	5.77	322763	50.0
Hexane, 2,3,4-tri...	6.61	236.4	ug/l	1525990	2	5.77	322763	50.0
Cyclopentene, 1,2...	7.99	195.2	ug/l	243738	3	9.92	62428	50.0
Tetradecane, 5-me...	8.15	107.1	ug/l	133747	3	9.92	62428	50.0
Benzene, 1-ethyl-...	11.79	1194.0	ug/l	1951160	4	12.63	81706	50.0
Indane	12.80	140.3	ug/l	229190	4	12.63	81706	50.0