

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072718\
 Data File : VU025698.D
 Acq On : 28 Jul 2018 03:25
 Operator : MD/SY
 Sample : J4154-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0505

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_U\METHOD\82U072718W.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	1.089	136	155	168	rBV	341063	379703	35.30%	2.249%
2	1.304	216	222	232	rVB	16541	16360	1.52%	0.097%
3	1.404	247	253	262	rBV	36144	36457	3.39%	0.216%
4	1.761	354	364	376	rBV	272805	354131	32.93%	2.097%
5	1.950	414	423	435	rVB	79514	105173	9.78%	0.623%
6	2.307	521	534	549	rVB	94744	183112	17.02%	1.084%
7	2.712	642	660	664	rBV2	104918	197830	18.39%	1.172%
8	2.748	665	671	681	rVB	148343	260619	24.23%	1.543%
9	3.002	732	750	770	rBV	241746	516320	48.01%	3.058%
10	3.307	826	845	862	rBV	128016	272474	25.33%	1.614%
11	3.860	996	1017	1042	rVB2	19555	53640	4.99%	0.318%
12	3.998	1042	1060	1073	rBV4	16877	46988	4.37%	0.278%
13	4.101	1074	1092	1113	rVV	138506	376950	35.05%	2.232%
14	4.233	1116	1133	1148	rVB6	7428	23172	2.15%	0.137%
15	4.738	1269	1290	1311	rBV4	31911	86635	8.05%	0.513%
16	4.889	1320	1337	1353	rBV	167800	379329	35.27%	2.247%
17	4.992	1353	1369	1386	rVV2	315900	772253	71.80%	4.574%
18	5.085	1386	1398	1419	rVB4	72456	179801	16.72%	1.065%
19	5.227	1426	1442	1447	rBV4	44117	96008	8.93%	0.569%
20	5.314	1460	1469	1483	rVB	158152	321241	29.87%	1.903%
21	5.394	1483	1494	1509	rVB	88085	182302	16.95%	1.080%
22	5.487	1509	1523	1535	rBV3	83678	186705	17.36%	1.106%
23	5.561	1535	1546	1556	rVV3	67137	143323	13.33%	0.849%
24	5.629	1556	1567	1584	rVB2	65795	148266	13.79%	0.878%
25	5.789	1604	1617	1632	rBV3	17428	35055	3.26%	0.208%
26	5.892	1632	1649	1681	rVV	323657	644346	59.91%	3.816%
27	6.420	1792	1813	1830	rBV	235990	526449	48.95%	3.118%
28	6.645	1871	1883	1898	rVB3	23154	45049	4.19%	0.267%
29	6.741	1898	1913	1925	rBV5	12254	25253	2.35%	0.150%
30	6.908	1953	1965	1983	rVB5	9727	22404	2.08%	0.133%
31	7.063	1995	2013	2022	rBV9	5093	13363	1.24%	0.079%
32	7.262	2065	2075	2083	rBV6	7708	14511	1.35%	0.086%
33	7.567	2149	2170	2188	rBV	601015	1075548	100.00%	6.370%
34	7.712	2204	2215	2230	rBV2	15773	32312	3.00%	0.191%

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Integration Parameters: RTEINT.P

Integrator: RTE
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35	7.921	2270	2280	2294	rVB4	30850	55657	5.17%	0.330%
36	8.050	2307	2320	2329	rBV4	16816	30263	2.81%	0.179%
37	8.493	2449	2458	2466	rBV6	9001	15181	1.41%	0.090%
38	8.548	2466	2475	2484	rVV3	12216	19413	1.80%	0.115%
39	9.091	2631	2644	2663	rBV	477819	795852	74.00%	4.713%
40	9.188	2665	2674	2682	rVV2	16158	27112	2.52%	0.161%
41	9.252	2682	2694	2714	rVB	639025	1010834	93.98%	5.987%
42	9.381	2719	2734	2752	rBV	559425	911320	84.73%	5.397%
43	10.169	2968	2979	2991	rBV	104236	160403	14.91%	0.950%
44	10.310	3010	3023	3038	rBV	501403	784022	72.90%	4.643%
45	10.590	3098	3110	3129	rVB	145973	227625	21.16%	1.348%
46	10.709	3129	3147	3158	rBV	80204	138786	12.90%	0.822%
47	10.776	3159	3168	3178	rVB2	15071	23182	2.16%	0.137%
48	10.976	3218	3230	3250	rVB	93865	147863	13.75%	0.876%
49	11.104	3254	3270	3274	rBV	8995	13603	1.26%	0.081%
50	11.153	3274	3285	3302	rVB	460568	699128	65.00%	4.141%
51	11.294	3320	3329	3334	rBV3	18246	30072	2.80%	0.178%
52	11.326	3334	3339	3350	rVB	32602	46913	4.36%	0.278%
53	11.429	3362	3371	3377	rBV2	7494	10983	1.02%	0.065%
54	11.487	3377	3389	3405	rVV	659774	1044274	97.09%	6.185%
55	11.574	3405	3416	3432	rVB	88018	137230	12.76%	0.813%
56	11.693	3443	3453	3464	rVB2	12368	18241	1.70%	0.108%
57	11.770	3464	3477	3497	rBV3	135264	274177	25.49%	1.624%
58	11.866	3497	3507	3527	rVB4	45250	100666	9.36%	0.596%
59	11.982	3532	3543	3553	rBV3	15648	23495	2.18%	0.139%
60	12.059	3556	3567	3579	rBV2	26339	39307	3.65%	0.233%
61	12.149	3584	3595	3599	rBV	58104	85836	7.98%	0.508%
62	12.178	3600	3604	3614	rVV	59600	81199	7.55%	0.481%
63	12.255	3618	3628	3634	rVV	108798	160742	14.95%	0.952%
64	12.291	3635	3639	3650	rVB2	37327	50255	4.67%	0.298%
65	12.358	3650	3660	3681	rBV4	63462	148737	13.83%	0.881%
66	12.496	3690	3703	3708	rBV6	8307	14849	1.38%	0.088%
67	12.545	3709	3718	3731	rVB3	27586	52436	4.88%	0.311%
68	12.654	3734	3752	3759	rBV	81106	136078	12.65%	0.806%
69	12.706	3759	3768	3781	rVB	136405	204809	19.04%	1.213%
70	12.792	3786	3795	3810	rBV3	17811	28943	2.69%	0.171%
71	12.882	3810	3823	3829	rBV2	11205	17110	1.59%	0.101%

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72	12.931	3831	3838	3842	rVV4	8043	11858	1.10%	0.070%
73	12.966	3842	3849	3858	rVB	27859	39612	3.68%	0.235%
74	13.123	3888	3898	3915	rVB2	194832	306616	28.51%	1.816%
75	13.291	3940	3950	3962	rVB	124986	195396	18.17%	1.157%
76	13.410	3975	3987	3994	rBV4	12656	21464	2.00%	0.127%
77	13.458	3994	4002	4010	rVB3	12724	19497	1.81%	0.115%
78	13.513	4010	4019	4027	rBV4	36842	63180	5.87%	0.374%
79	13.612	4046	4050	4056	rVB3	15536	16846	1.57%	0.100%
80	13.744	4076	4091	4100	rBV	70864	127088	11.82%	0.753%
81	13.789	4101	4105	4117	rVV2	12970	19379	1.80%	0.115%
82	13.857	4117	4126	4139	rVB2	42561	65993	6.14%	0.391%
83	13.953	4147	4156	4169	rVV3	37769	66858	6.22%	0.396%
84	14.017	4169	4176	4186	rVB6	8567	14596	1.36%	0.086%
85	14.156	4209	4219	4225	rBV2	12060	20341	1.89%	0.120%
86	14.355	4265	4281	4296	rBV2	54637	108285	10.07%	0.641%
87	14.545	4332	4340	4351	rVB6	9630	16508	1.53%	0.098%
88	14.680	4372	4382	4395	rBV2	61280	99726	9.27%	0.591%
89	14.882	4433	4445	4455	rBV4	21586	44355	4.12%	0.263%
90	14.930	4455	4460	4471	rVB7	6424	12113	1.13%	0.072%
91	15.066	4492	4502	4517	rBV	52285	95554	8.88%	0.566%

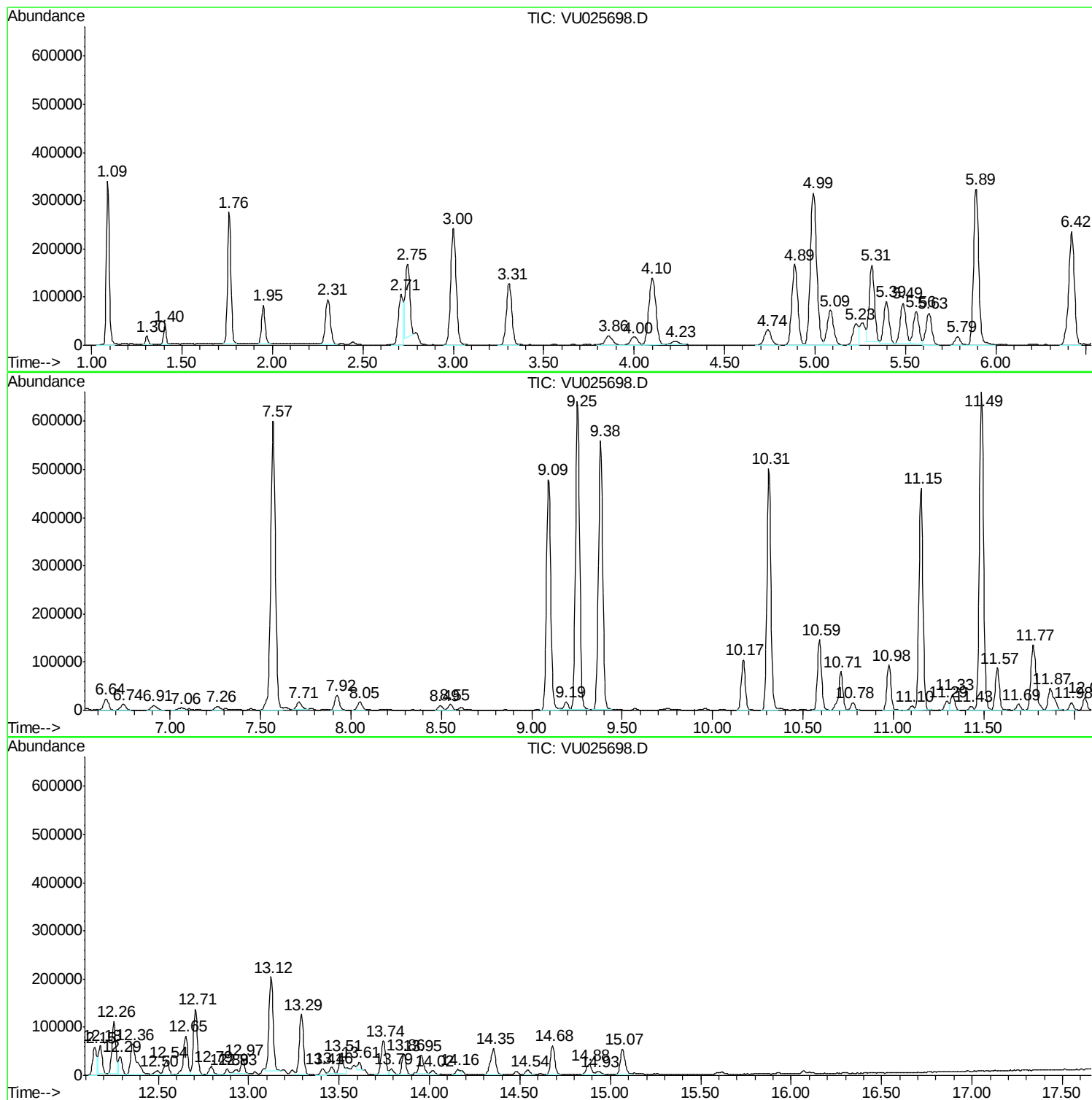
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Instrument :
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ClientSampled :
FL-0505

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

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



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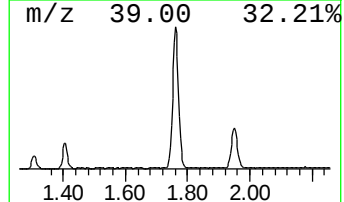
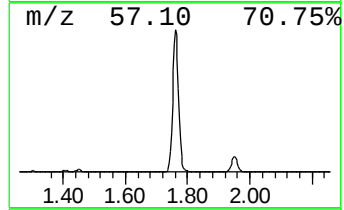
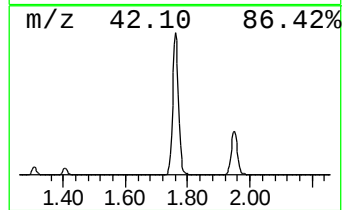
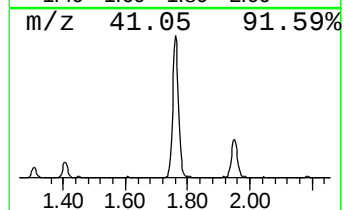
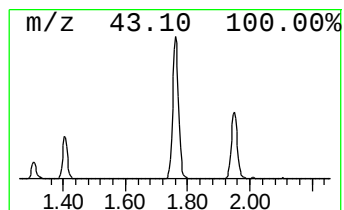
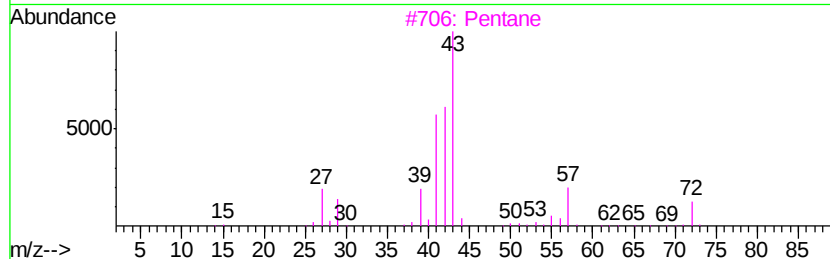
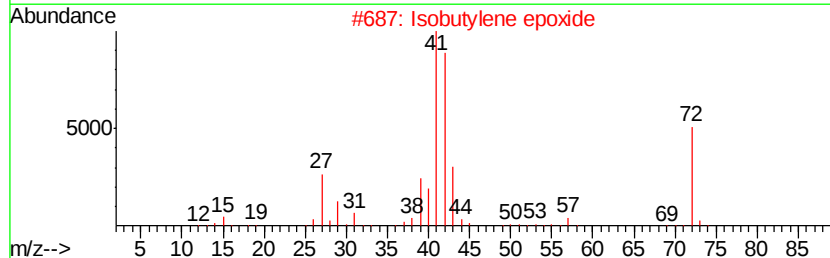
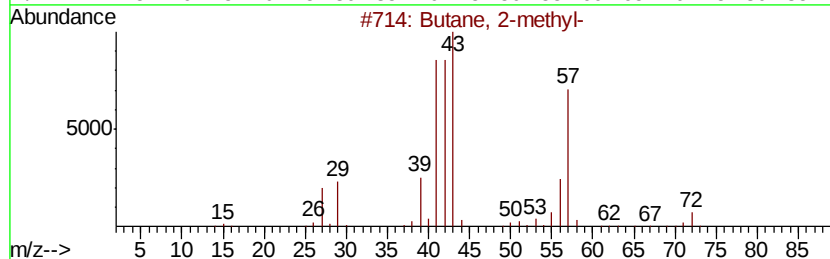
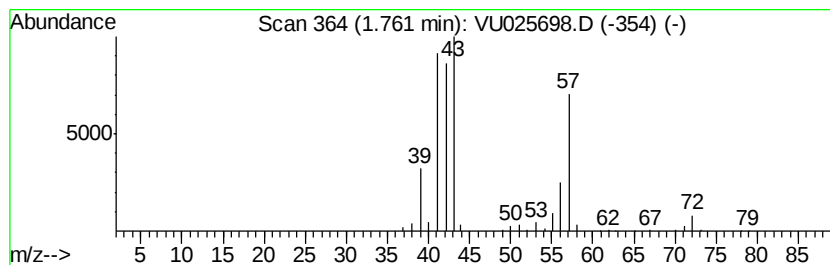
Instrument :
MSVOA_U
ClientSampled :
FL-0505

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

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

Peak Number 2 Butane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
1.76	22.93 ug/l	354131	Pentafluorobenzene	4.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methyl-	72	C5H12	000078-78-4	94
2		Isobutylene epoxide	72	C4H8O	000558-30-5	42
3		Pentane	72	C5H12	000109-66-0	42
4		Oxirane, trimethyl-	86	C5H10O	005076-19-7	42
5		3-Buten-1-ol	72	C4H8O	000627-27-0	38



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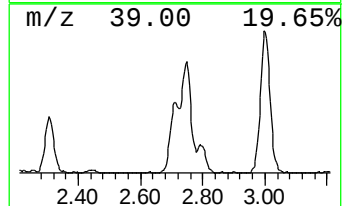
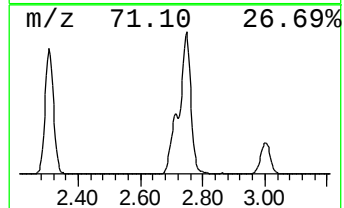
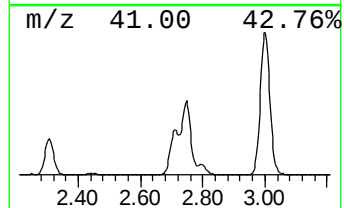
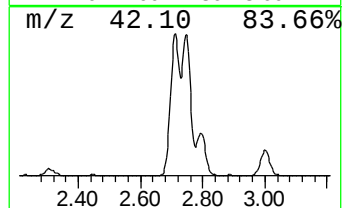
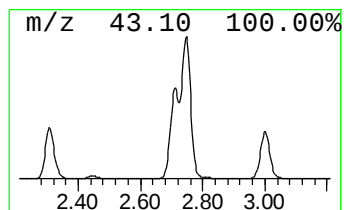
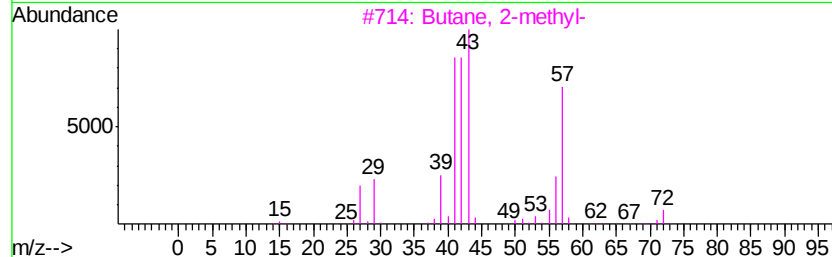
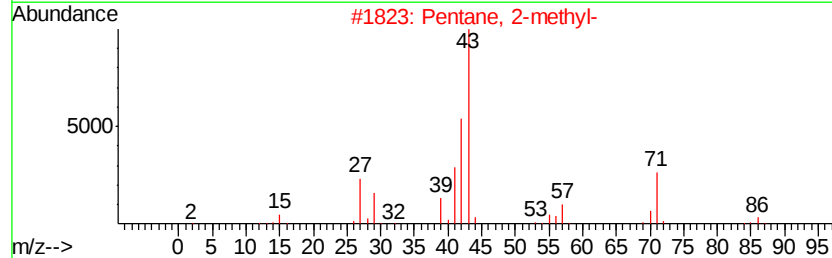
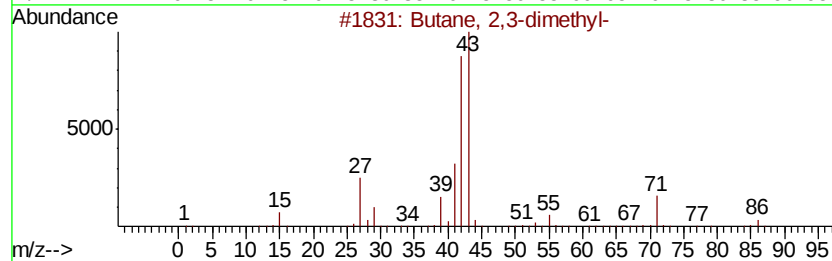
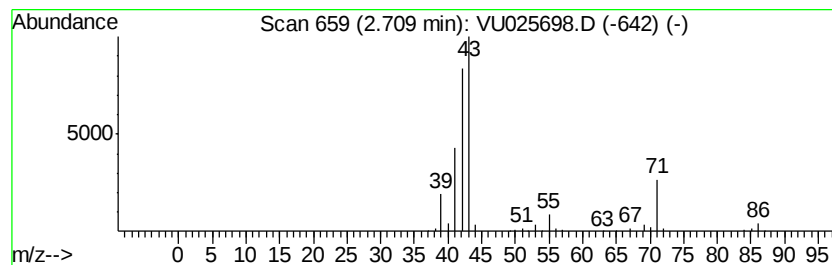
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Quant Title : SW846 8260

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

Peak Number 3 Butane, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.71	12.81 ug/l	197830	Pentafluorobenzene	4.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80
2		Pentane, 2-methyl-	86	C6H14	000107-83-5	50
3		Butane, 2-methyl-	72	C5H12	000078-78-4	38
4		Tetrahydrofuran	72	C4H8O	000109-99-9	36
5		Cyclobutane, methyl-	70	C5H10	000598-61-8	28



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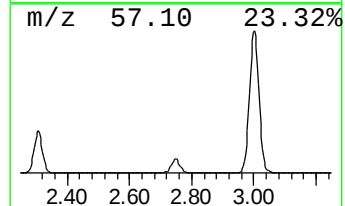
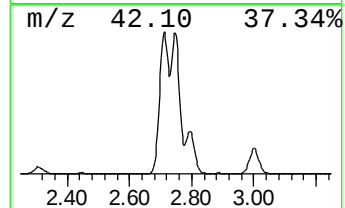
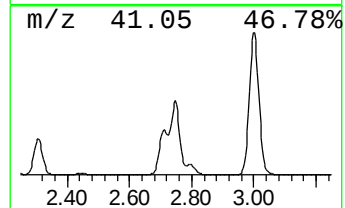
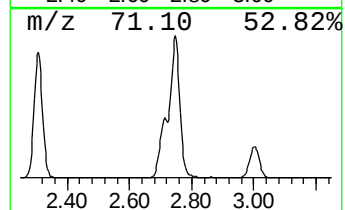
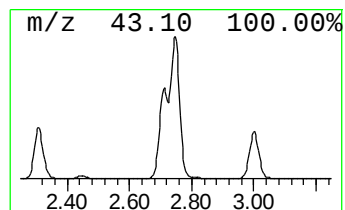
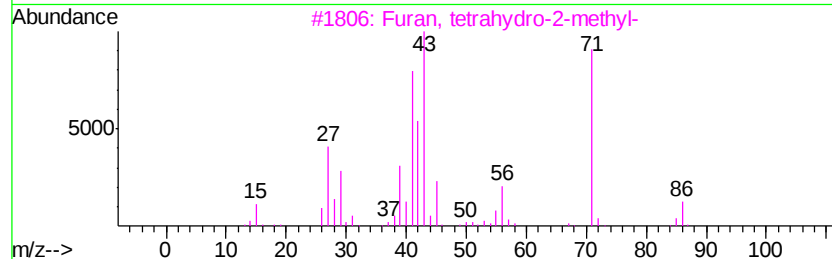
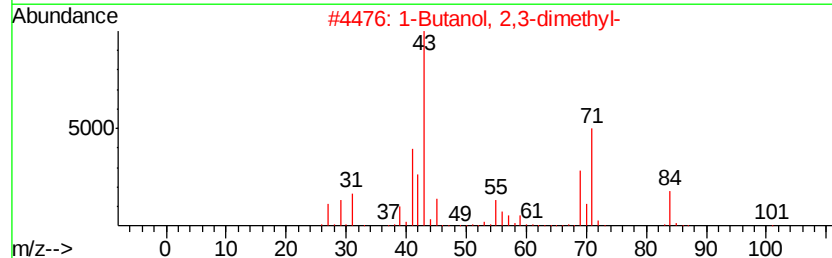
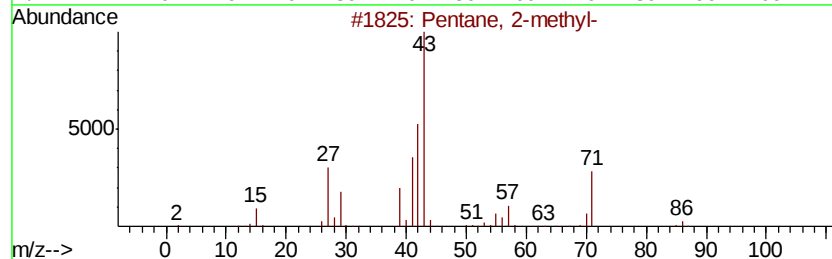
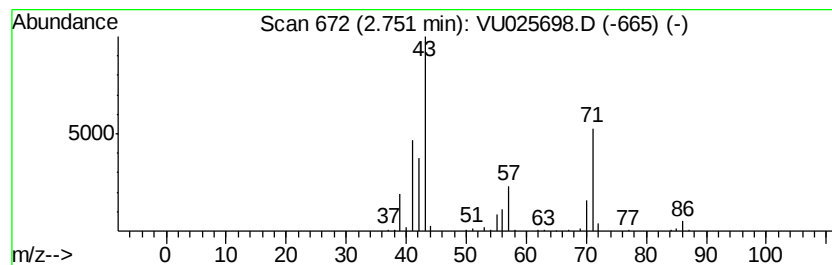
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Quant Title : SW846 8260

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

Peak Number 4 Pentane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.75	16.87 ug/l	260619	Pentafluorobenzene	4.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2-methyl-	86	C6H14	000107-83-5	83
2		1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	45
3		Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	45
4		Butane, 1-chloro-3-methyl-	106	C5H11Cl	000107-84-6	43
5		Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	42



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FL-0505

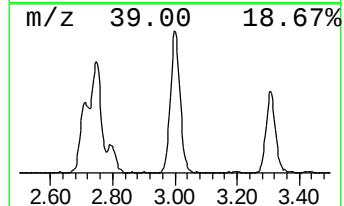
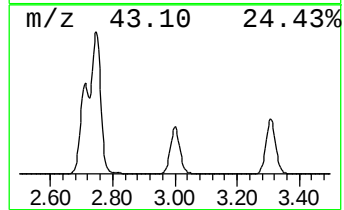
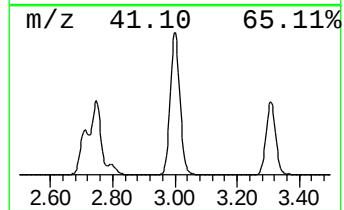
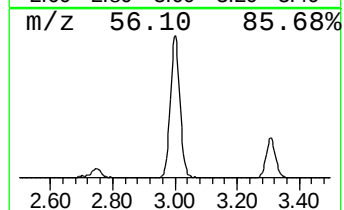
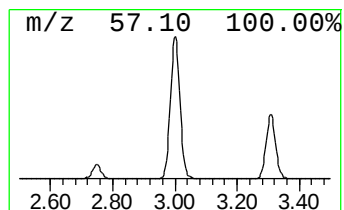
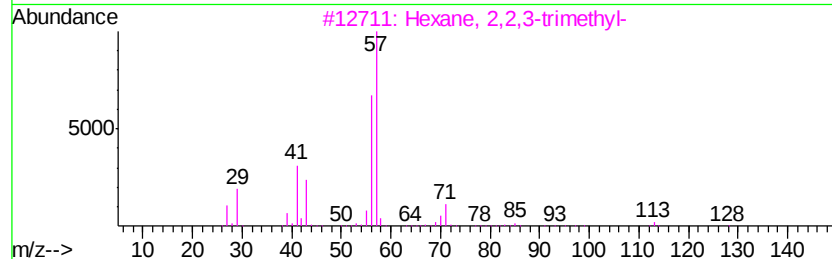
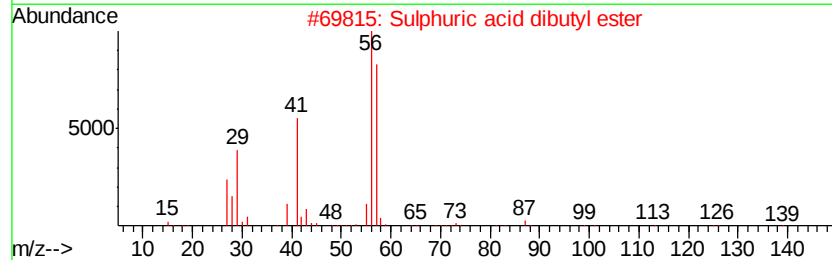
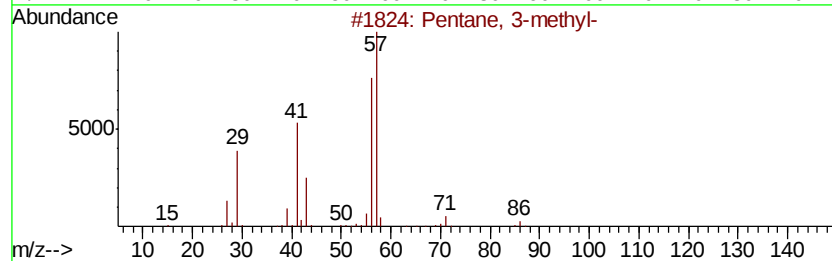
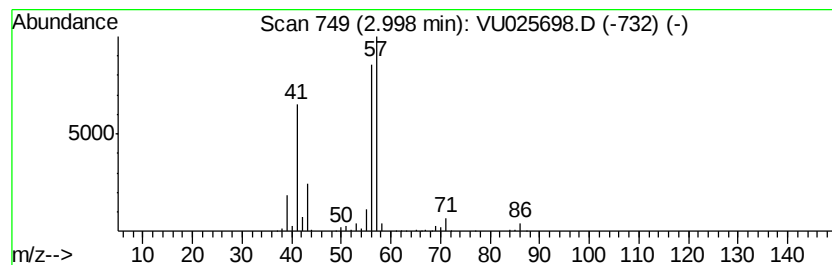
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Quant Title : SW846 8260

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

Peak Number 5 Pentane, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	33.43 ug/l	516320	Pentafluorobenzene	4.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2		Sulphuric acid dibutyl ester	210	C8H18O4S	000625-22-9	40
3		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	39
4		Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	38
5		Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072718\
Data File : VU025698.D
Acq On : 28 Jul 2018 03:25
Operator : MD/SY
Sample : J4154-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FL-0505

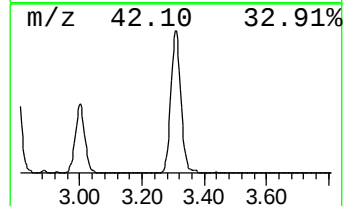
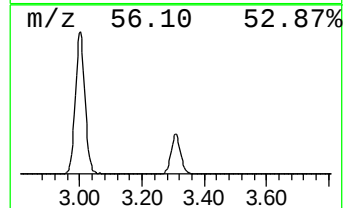
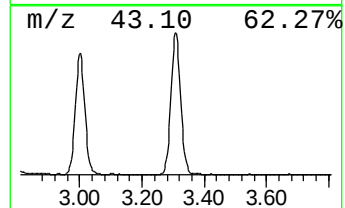
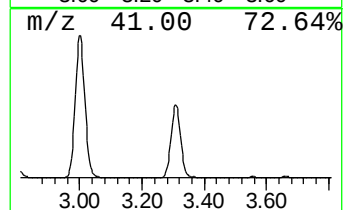
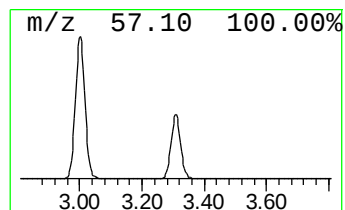
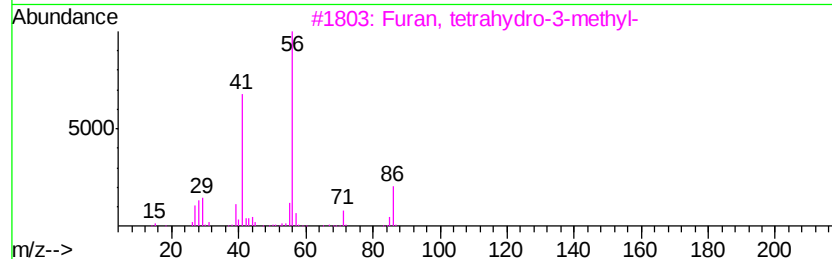
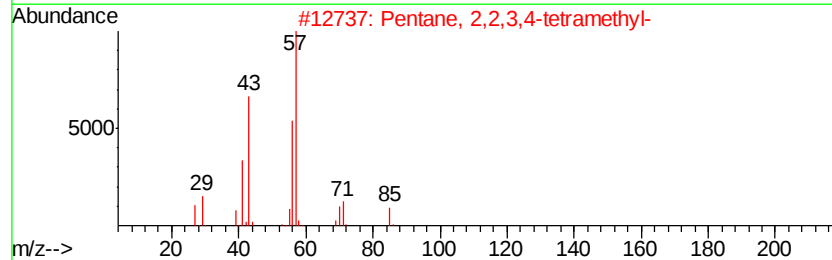
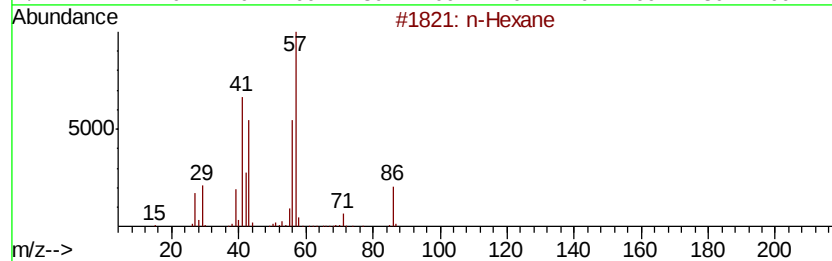
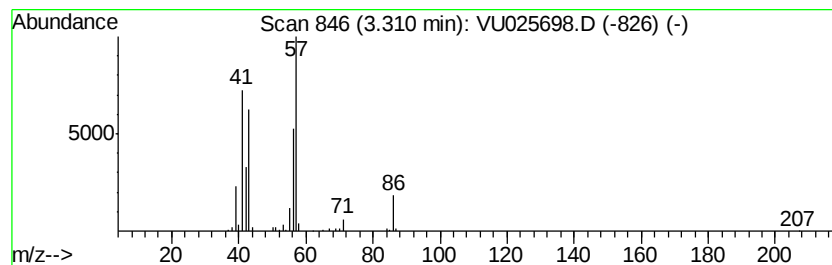
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Quant Title : SW846 8260

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

Peak Number 6 n-Hexane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.31	17.64 ug/l	272474	Pentafluorobenzene	4.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	91
2		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	50
3		Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	47
4		Pentane, 3-methyl-	86	C6H14	000096-14-0	42
5		Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	40



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072718\
Data File : VU025698.D
Acq On : 28 Jul 2018 03:25
Operator : MD/SY
Sample : J4154-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FL-0505

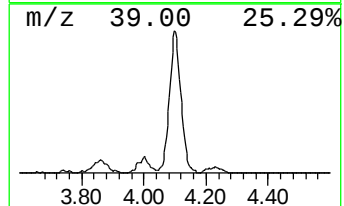
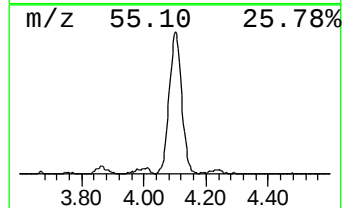
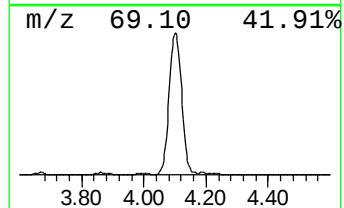
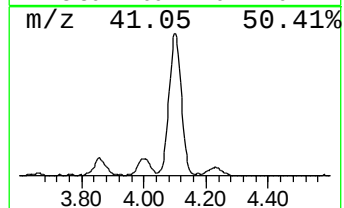
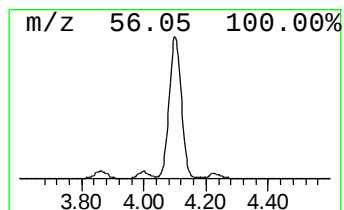
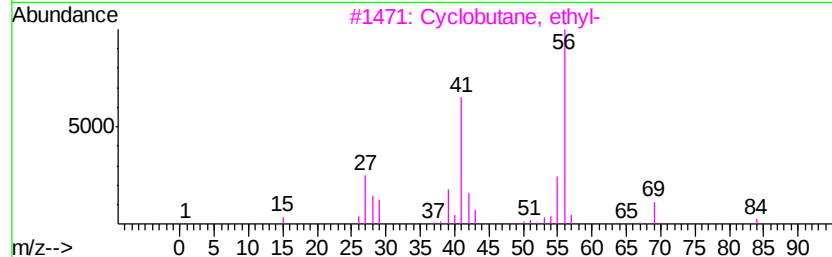
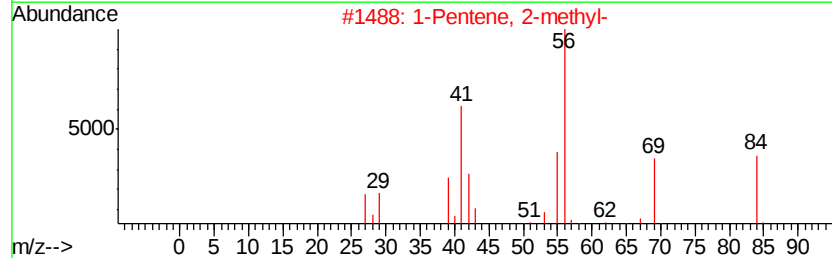
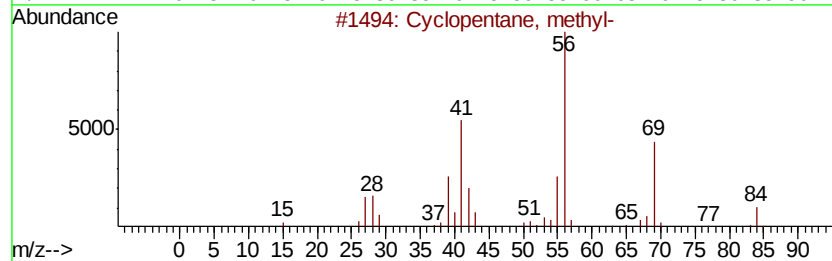
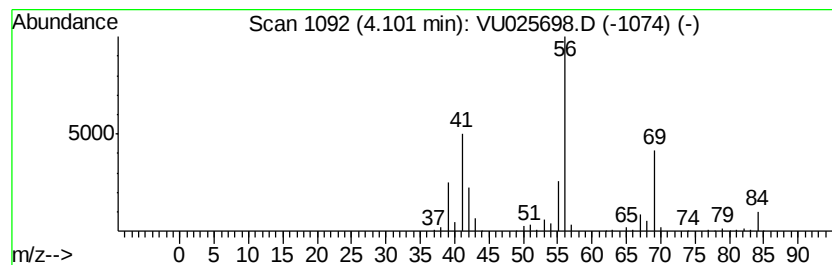
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Quant Title : SW846 8260

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

Peak Number 7 Cyclopentane, methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.10	24.41 ug/l	376950	Pentafluorobenzene	4.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
3		Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
4		1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	56
5		Cyclobutane	56	C4H8	000287-23-0	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072718\
Data File : VU025698.D
Acq On : 28 Jul 2018 03:25
Operator : MD/SY
Sample : J4154-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FL-0505

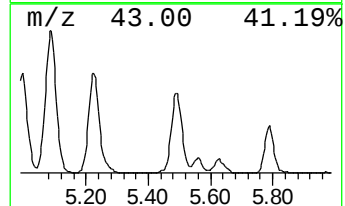
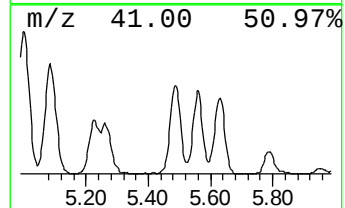
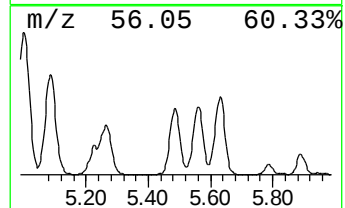
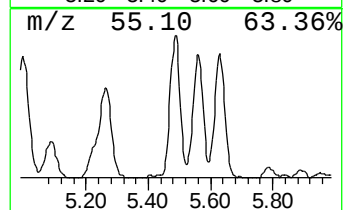
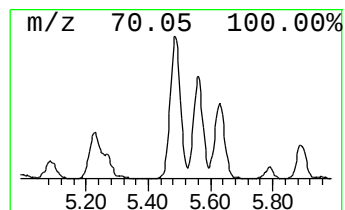
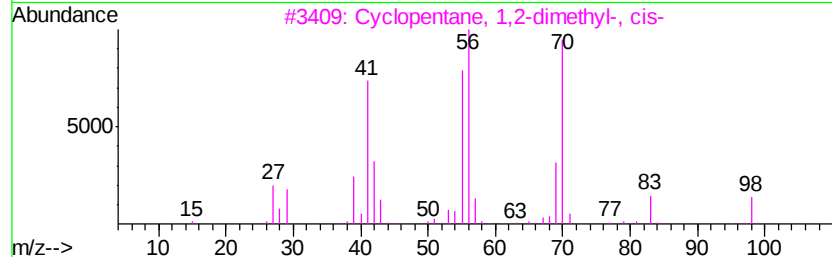
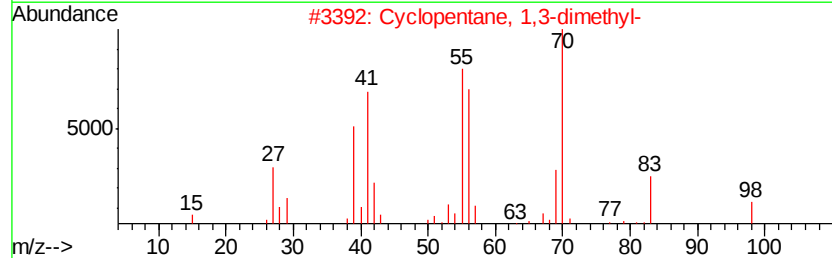
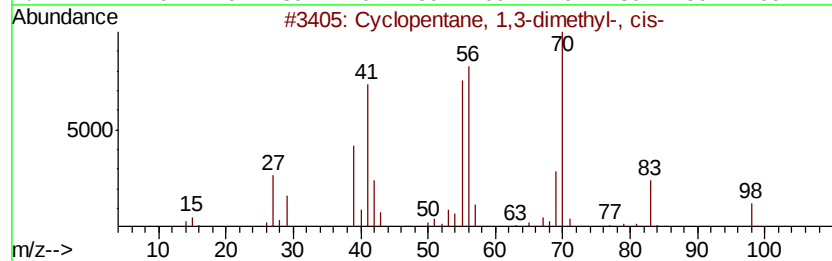
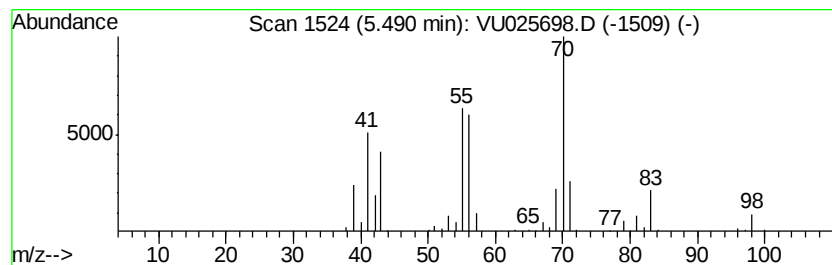
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Quant Title : SW846 8260

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

Peak Number 8 Cyclopentane, 1,3-dimethyl-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.49	14.49 ug/l	186705	1,4-Difluorobenzene	5.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	92
2		Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	90
3		Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	64
4		Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	64
5		Undecane, 3-methylene-	168	C12H24	071138-64-2	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072718\
Data File : VU025698.D
Acq On : 28 Jul 2018 03:25
Operator : MD/SY
Sample : J4154-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FL-0505

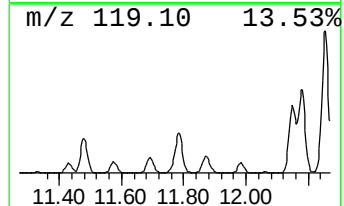
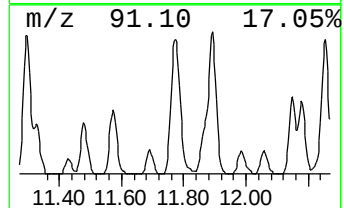
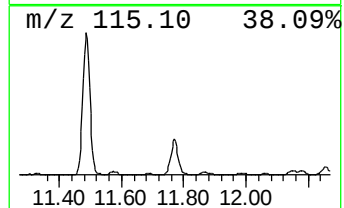
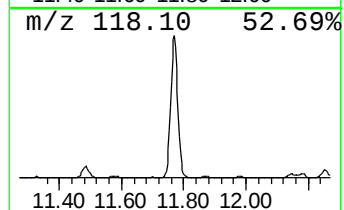
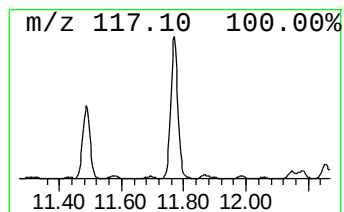
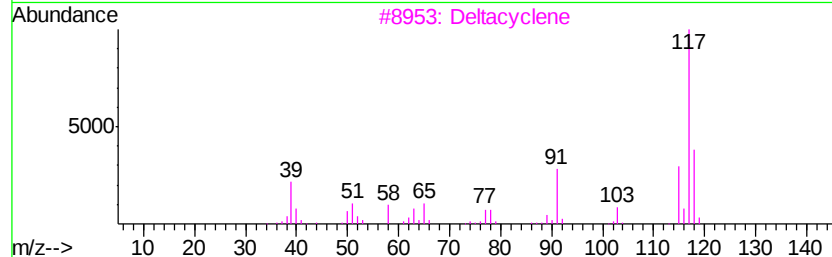
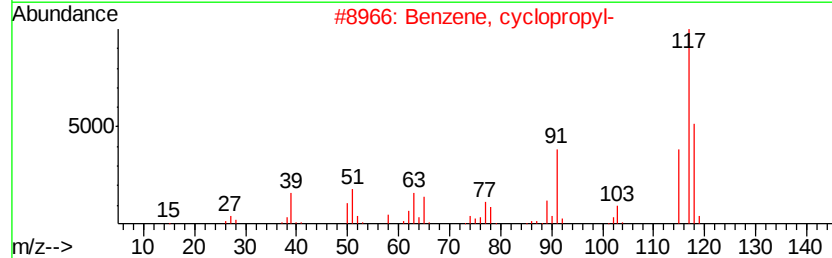
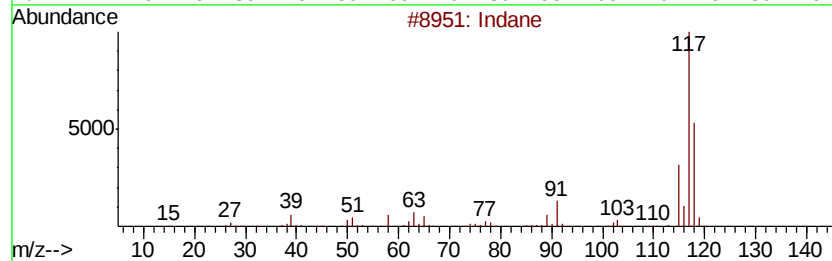
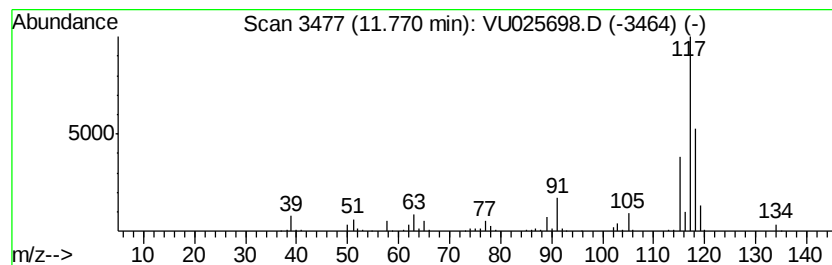
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Quant Title : SW846 8260

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

Peak Number 9 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	13.13 ug/l	274177	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	92
2		Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
3		Deltacyclene	118	C9H10	007785-10-6	58
4		Benzene, 2-propenyl-	118	C9H10	000300-57-2	58
5		trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072718\
Data File : VU025698.D
Acq On : 28 Jul 2018 03:25
Operator : MD/SY
Sample : J4154-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FL-0505

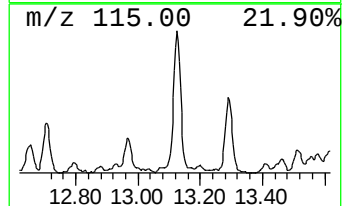
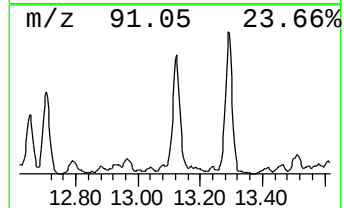
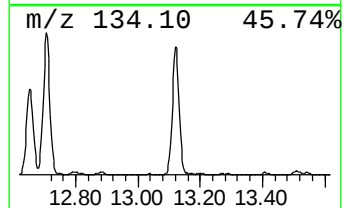
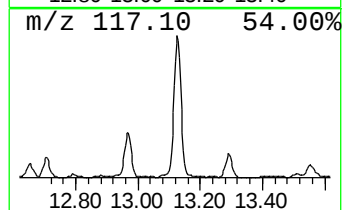
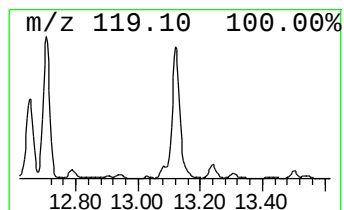
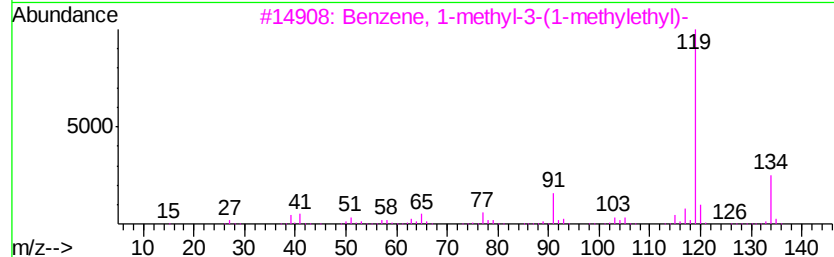
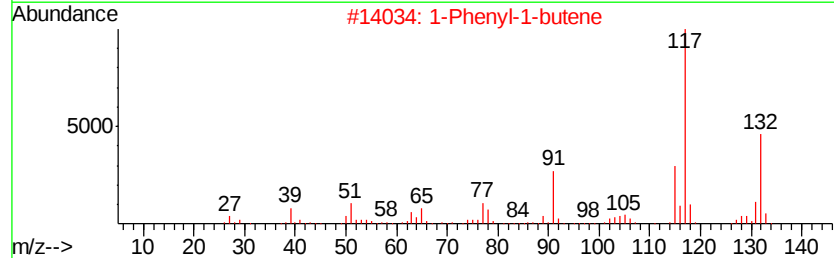
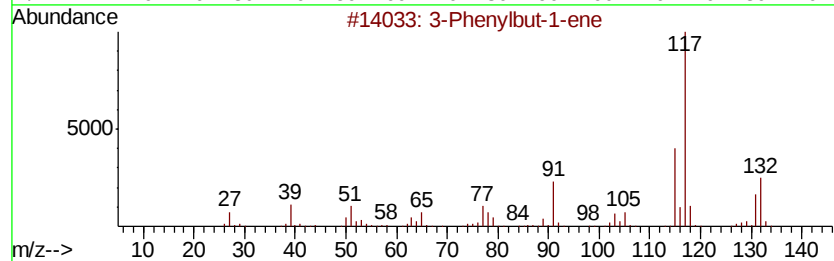
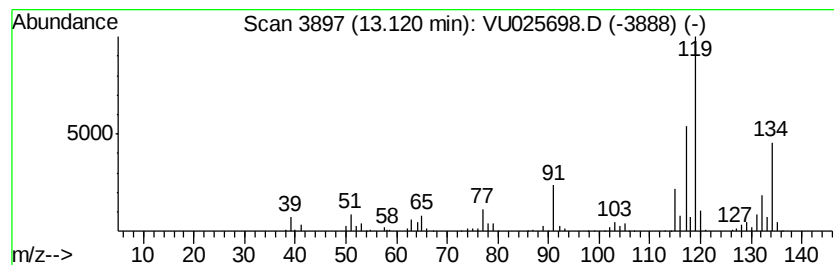
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Quant Title : SW846 8260

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

Peak Number 10 3-Phenylbut-1-ene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	14.68 ug/l	306616	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	80
2		1-Phenyl-1-butene	132	C10H12	000824-90-8	80
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	60
4		o-Cymene	134	C10H14	000527-84-4	60
5		p-Cymene	134	C10H14	000099-87-6	60



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072718\
Data File : VU025698.D
Acq On : 28 Jul 2018 03:25
Operator : MD/SY
Sample : J4154-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FL-0505

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.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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Butane, 2,3-dimet...	2.71	12.8	ug/l	197830	1	4.99	772253	50.0
Pentane, 2-methyl-	2.75	16.9	ug/l	260619	1	4.99	772253	50.0
Pentane, 3-methyl-	3.00	33.4	ug/l	516320	1	4.99	772253	50.0
n-Hexane	3.31	17.6	ug/l	272474	1	4.99	772253	50.0
Cyclopentane, met...	4.10	24.4	ug/l	376950	1	4.99	772253	50.0
Cyclopentane, 1,3...	5.49	14.5	ug/l	186705	2	5.89	644346	50.0
Indane	11.77	13.1	ug/l	274177	4	11.49	1044270	50.0
3-Phenylbut-1-ene	13.12	14.7	ug/l	306616	4	11.49	1044270	50.0