

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080618\
 Data File : VU025897.D
 Acq On : 06 Aug 2018 19:38
 Operator : MD/SY
 Sample : J4263-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0522

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	1.088	136	155	176	rBV	415673	477266	38.13%	2.900%
2	1.760	355	364	377	rBV	89550	116866	9.34%	0.710%
3	1.947	414	422	439	rVB	47110	65256	5.21%	0.396%
4	2.304	521	533	551	rVB2	61179	123191	9.84%	0.748%
5	2.448	568	578	589	rBV	9193	16703	1.33%	0.101%
6	2.712	643	660	664	rBV2	86299	167306	13.37%	1.017%
7	2.747	665	671	682	rVB	124823	222380	17.77%	1.351%
8	3.001	731	750	772	rBV	224314	483589	38.64%	2.938%
9	3.853	1000	1015	1036	rBV5	8102	24238	1.94%	0.147%
10	3.998	1044	1060	1072	rBV4	10473	28196	2.25%	0.171%
11	4.101	1073	1092	1116	rVV2	211186	564286	45.08%	3.429%
12	4.741	1273	1291	1310	rVB4	17474	47238	3.77%	0.287%
13	4.889	1315	1337	1353	rBV	177697	400210	31.98%	2.432%
14	4.992	1353	1369	1387	rVV2	357330	893339	71.38%	5.428%
15	5.085	1387	1398	1419	rVB3	51111	124705	9.96%	0.758%
16	5.233	1427	1444	1446	rBV3	32826	63761	5.09%	0.387%
17	5.316	1460	1470	1490	rVB	175731	376052	30.05%	2.285%
18	5.487	1507	1523	1535	rBV4	78530	178073	14.23%	1.082%
19	5.561	1535	1546	1556	rVV	65923	146233	11.68%	0.888%
20	5.628	1556	1567	1592	rVB2	78772	179003	14.30%	1.088%
21	5.892	1634	1649	1679	rBV	333044	665718	53.19%	4.045%
22	6.419	1791	1813	1832	rBV	443902	991792	79.24%	6.026%
23	6.644	1871	1883	1899	rVB2	37373	70796	5.66%	0.430%
24	6.744	1899	1914	1928	rBV4	21836	44104	3.52%	0.268%
25	6.908	1949	1965	1982	rBV5	26920	58308	4.66%	0.354%
26	7.262	2065	2075	2086	rBV4	14902	27548	2.20%	0.167%
27	7.570	2147	2171	2190	rBV	647681	1251608	100.00%	7.605%
28	7.715	2203	2216	2229	rBV2	41645	89326	7.14%	0.543%
29	7.779	2230	2236	2248	rVB4	12960	21264	1.70%	0.129%
30	7.921	2269	2280	2295	rVB2	81458	148206	11.84%	0.900%
31	8.049	2305	2320	2330	rBV2	32448	58305	4.66%	0.354%
32	8.493	2445	2458	2466	rBV3	23246	40624	3.25%	0.247%
33	8.548	2466	2475	2485	rVV2	36399	60278	4.82%	0.366%
34	8.612	2485	2495	2503	rVV	32483	52829	4.22%	0.321%

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35	9.094	2630	2645	2665	rBV	500984	850583	67.96%	5.168%
36	9.191	2665	2675	2685	rVV	47396	83056	6.64%	0.505%
37	9.252	2685	2694	2711	rVB	50414	84902	6.78%	0.516%
38	9.374	2716	2732	2750	rBV3	72636	148418	11.86%	0.902%
39	9.573	2783	2794	2807	rBV5	7616	12528	1.00%	0.076%
40	9.959	2898	2914	2924	rVB7	7981	15375	1.23%	0.093%
41	10.168	2968	2979	2990	rBV	69437	109140	8.72%	0.663%
42	10.310	3010	3023	3041	rBV	505263	826612	66.04%	5.022%
43	10.590	3098	3110	3129	rBV	171907	267329	21.36%	1.624%
44	10.709	3129	3147	3157	rVV	84732	192769	15.40%	1.171%
45	10.776	3157	3168	3188	rVB	146397	231108	18.46%	1.404%
46	10.975	3220	3230	3243	rVB	22360	34433	2.75%	0.209%
47	11.152	3274	3285	3299	rVB	393483	586979	46.90%	3.566%
48	11.294	3319	3329	3332	rBV	26234	34076	2.72%	0.207%
49	11.326	3332	3339	3354	rVB	74316	122399	9.78%	0.744%
50	11.429	3359	3371	3379	rBV	58806	90352	7.22%	0.549%
51	11.487	3379	3389	3406	rVV	673084	1079477	86.25%	6.559%
52	11.573	3406	3416	3428	rVB	82870	130992	10.47%	0.796%
53	11.692	3442	3453	3463	rVB	23879	35198	2.81%	0.214%
54	11.786	3466	3482	3486	rBV4	92712	155802	12.45%	0.947%
55	11.876	3499	3510	3525	rVB4	100615	202153	16.15%	1.228%
56	11.982	3532	3543	3555	rBV3	45498	70215	5.61%	0.427%
57	12.059	3555	3567	3581	rBV	104575	159265	12.72%	0.968%
58	12.149	3584	3595	3600	rBV	104539	164830	13.17%	1.001%
59	12.178	3600	3604	3614	rVV	101167	138913	11.10%	0.844%
60	12.255	3617	3628	3635	rVV	150134	226330	18.08%	1.375%
61	12.287	3635	3638	3649	rVB2	39859	52665	4.21%	0.320%
62	12.358	3650	3660	3681	rBV5	81892	224505	17.94%	1.364%
63	12.496	3692	3703	3709	rBV5	10024	16755	1.34%	0.102%
64	12.551	3709	3720	3734	rVB3	77530	141339	11.29%	0.859%
65	12.654	3734	3752	3759	rBV	82796	140360	11.21%	0.853%
66	12.705	3759	3768	3782	rVB	162612	249746	19.95%	1.517%
67	12.789	3785	3794	3809	rBV3	22562	42507	3.40%	0.258%
68	12.930	3830	3838	3843	rBV4	16333	25921	2.07%	0.157%
69	12.966	3843	3849	3858	rVB	26364	36738	2.94%	0.223%
70	13.123	3877	3898	3916	rBV3	243435	439099	35.08%	2.668%
71	13.290	3941	3950	3963	rVB	76735	127981	10.23%	0.778%

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72	13.409	3978	3987	3995	rBV5	13958	24212	1.93%	0.147%
73	13.461	3995	4003	4010	rBV3	15616	24268	1.94%	0.147%
74	13.512	4010	4019	4026	rBV3	41808	68979	5.51%	0.419%
75	13.580	4035	4040	4045	rBV3	11213	14967	1.20%	0.091%
76	13.615	4045	4051	4058	rVB	24520	30153	2.41%	0.183%
77	13.737	4074	4089	4098	rBV6	11720	25458	2.03%	0.155%
78	13.792	4099	4106	4117	rVV	14780	23085	1.84%	0.140%
79	13.860	4117	4127	4138	rVB5	17049	26991	2.16%	0.164%
80	13.956	4138	4157	4168	rBV4	25390	56504	4.51%	0.343%
81	14.017	4168	4176	4184	rVB5	10207	16090	1.29%	0.098%
82	14.355	4265	4281	4292	rBV4	37719	81093	6.48%	0.493%
83	14.541	4330	4339	4350	rVB7	8181	14296	1.14%	0.087%
84	14.683	4373	4383	4397	rBV2	37463	60778	4.86%	0.369%
85	14.882	4433	4445	4459	rBV	41009	80457	6.43%	0.489%
86	15.068	4492	4503	4516	rBV	45775	81643	6.52%	0.496%

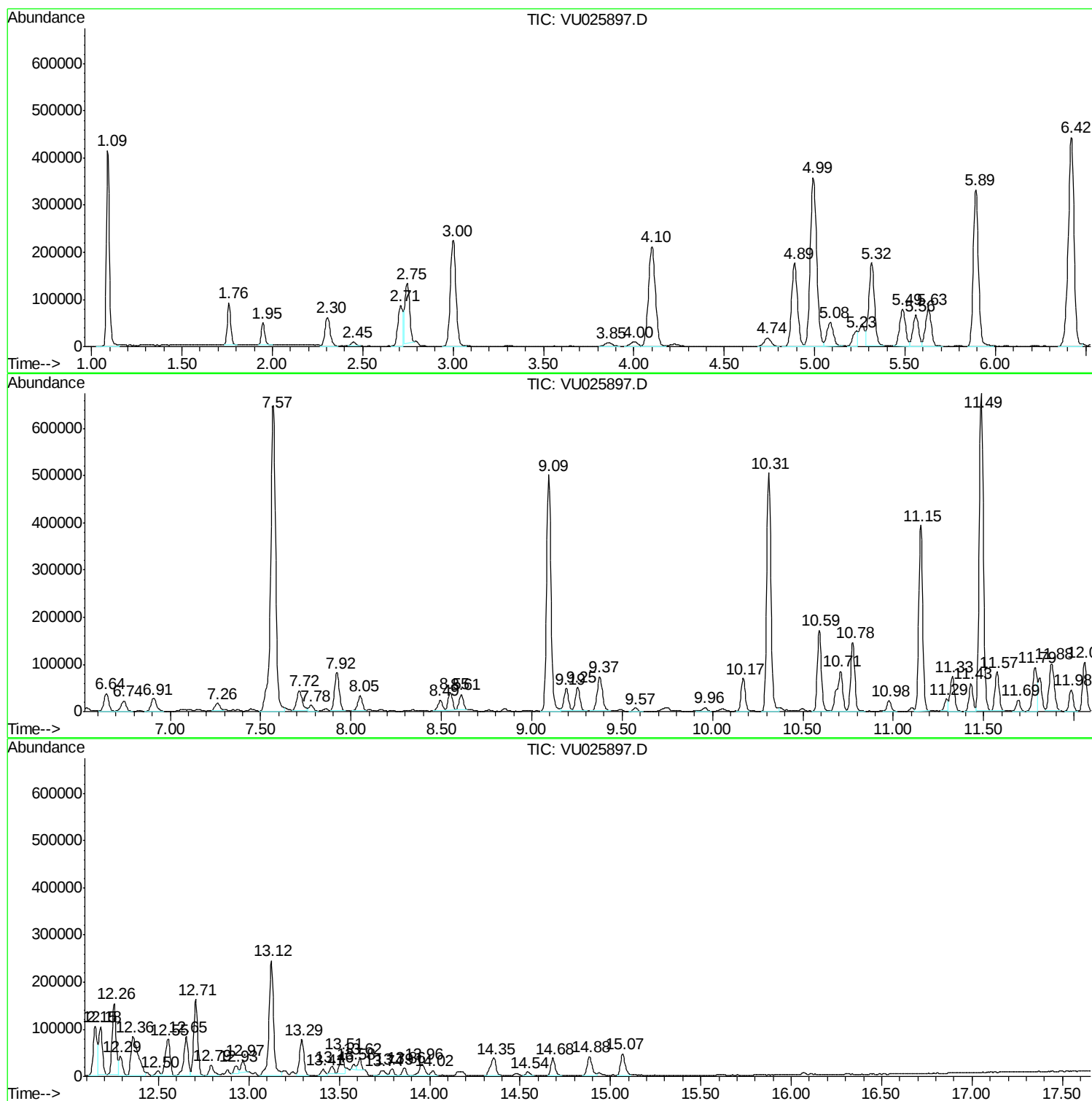
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

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



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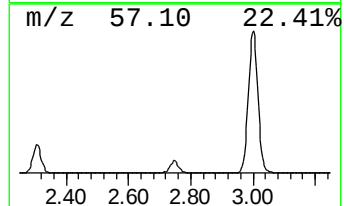
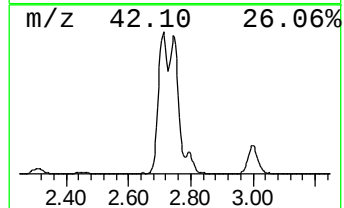
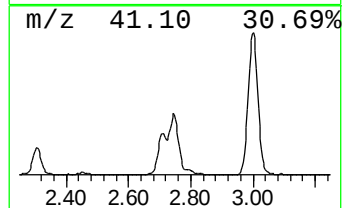
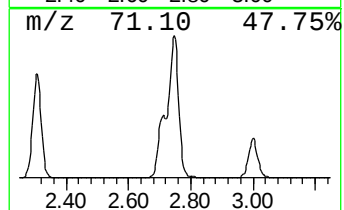
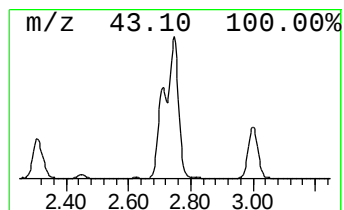
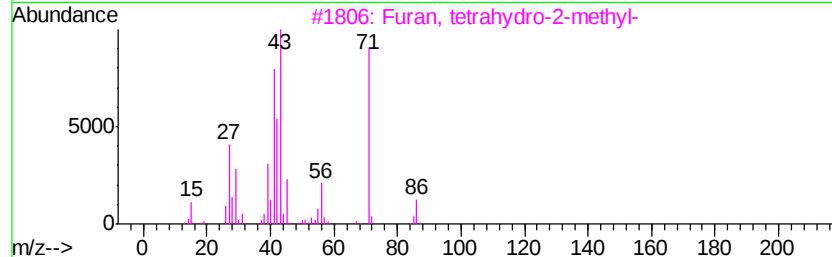
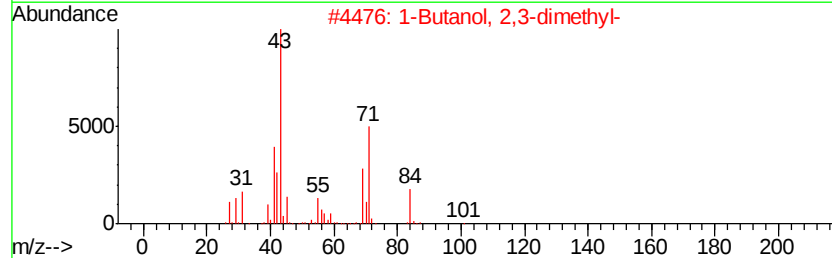
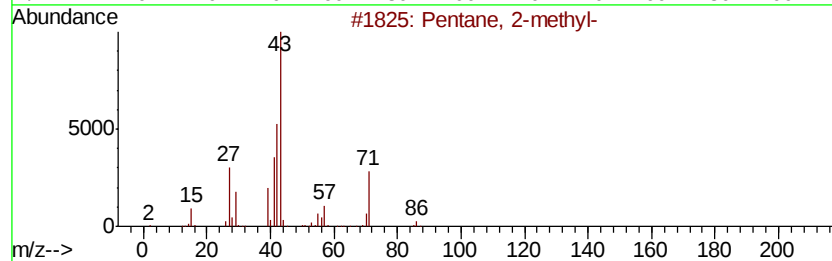
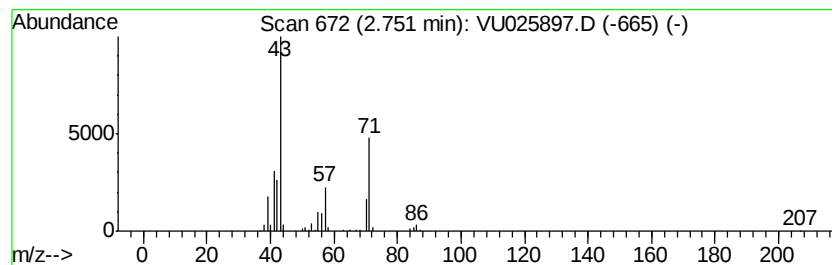
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

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

Peak Number 2 Pentane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.75	12.45 ug/l	222380	Pentafluorobenzene	4.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2-methyl-	86	C6H14	000107-83-5	80
2		1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	74
3		Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	45
4		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	43
5		Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	42



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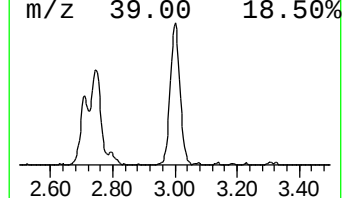
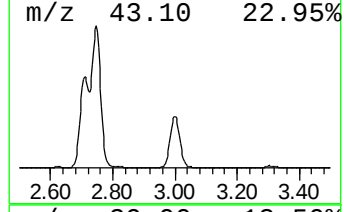
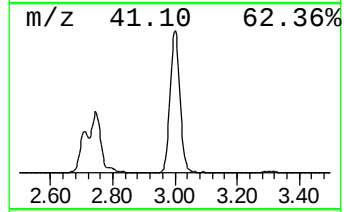
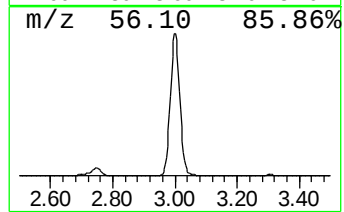
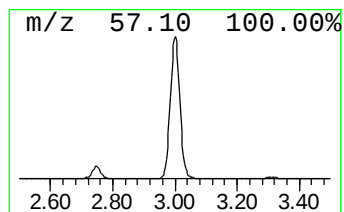
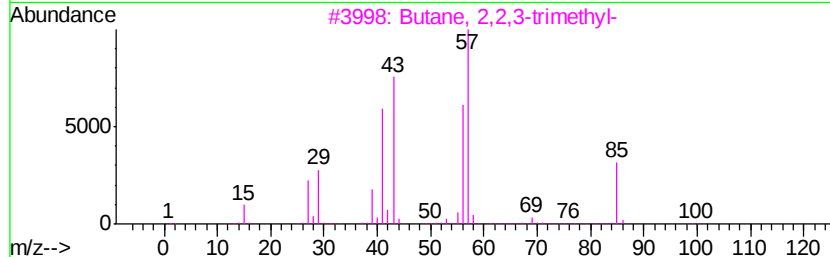
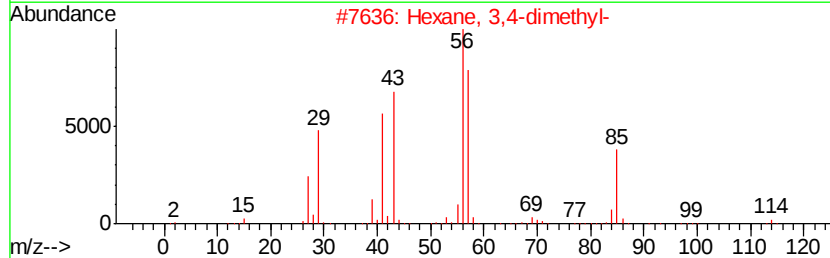
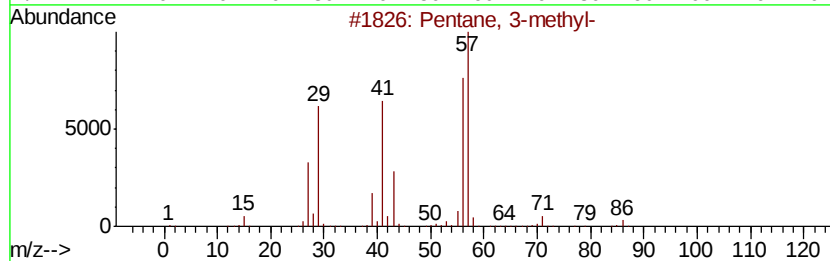
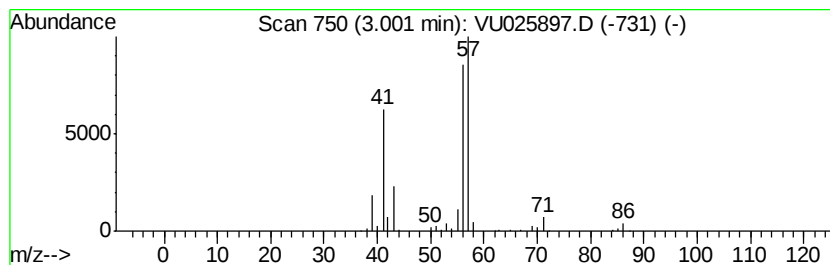
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Pentane, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	27.07 ug/l	483589	Pentafluorobenzene	4.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2		Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	78
3		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
4		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
5		Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	59



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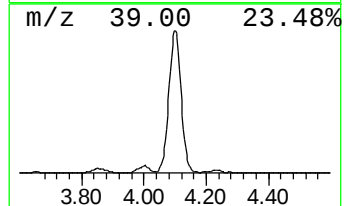
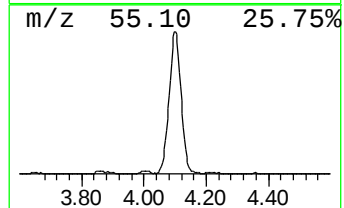
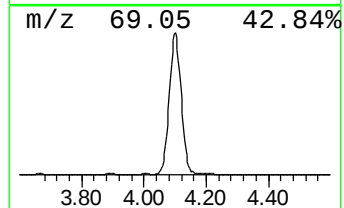
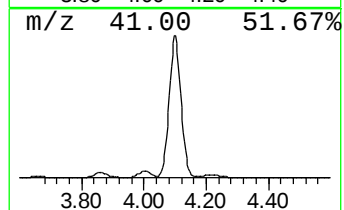
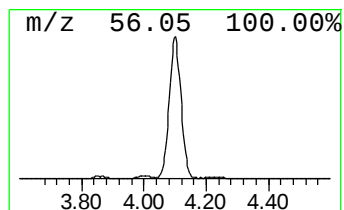
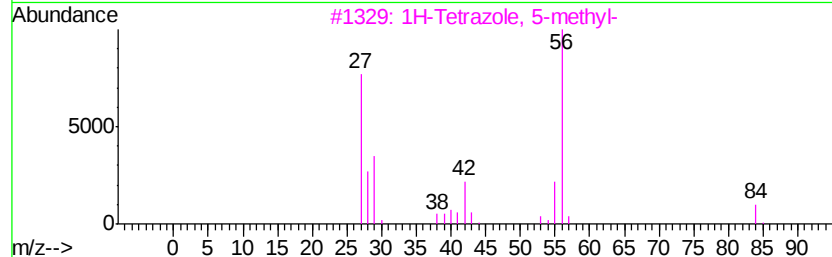
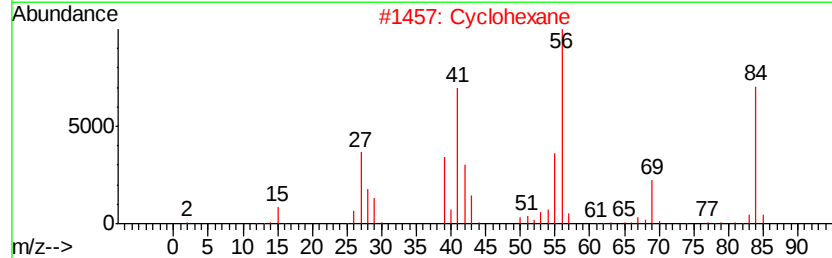
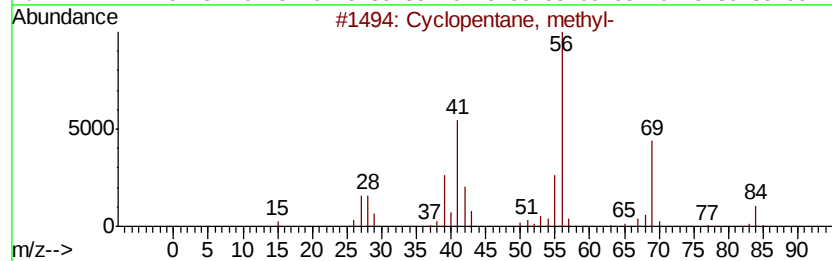
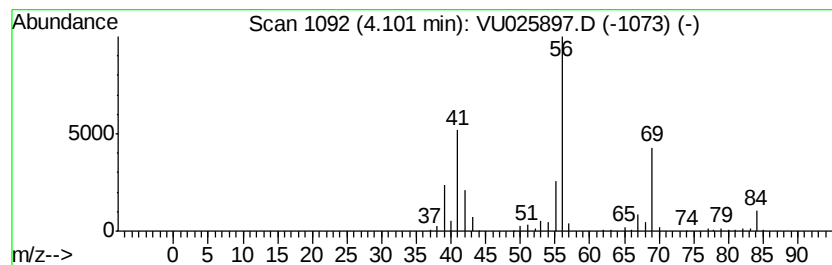
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Quant Title : SW846 8260

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

Peak Number 4 Cyclopentane, methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.10	31.58 ug/l	564286	Pentafluorobenzene	4.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2			Cyclohexane	84	C6H12	000110-82-7	86
3			1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
4			Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5			Cyclobutane	56	C4H8	000287-23-0	50



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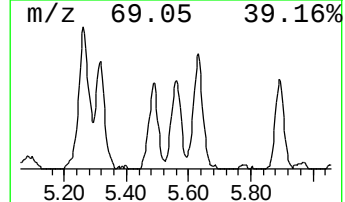
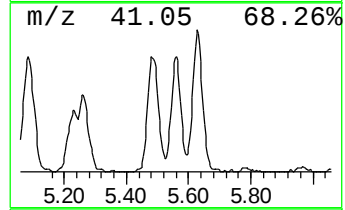
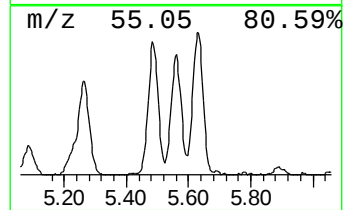
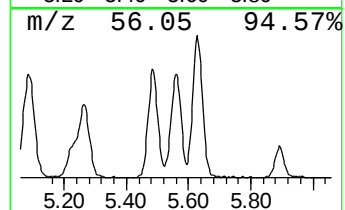
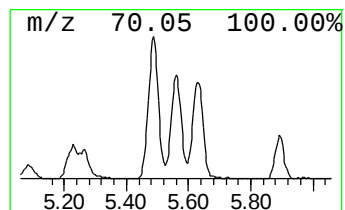
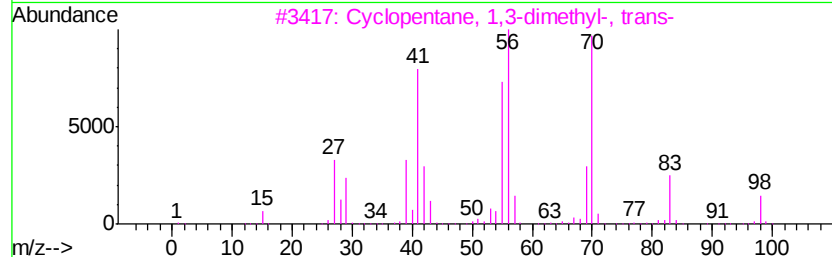
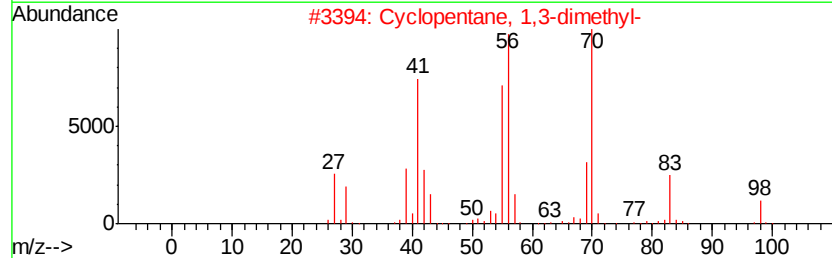
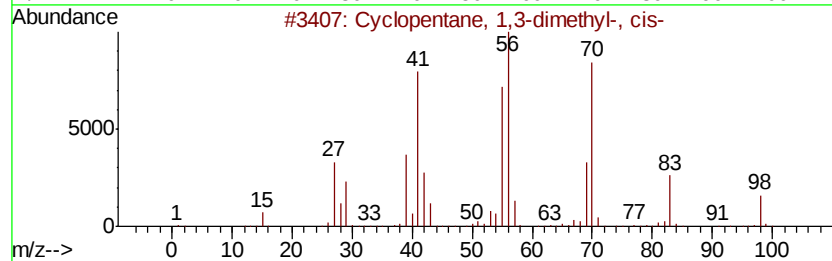
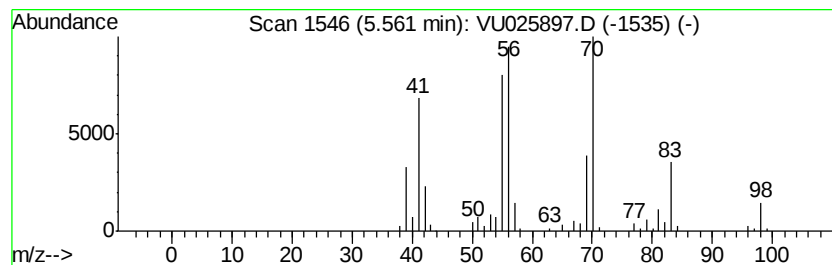
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Quant Title : SW846 8260

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

Peak Number 6 Cyclopentane, 1,3-dimethyl-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.56	10.98 ug/l	146233	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	94
2		Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	91
3		Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	91
4		Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	90
5		Isopropylcyclobutane	98	C7H14	000872-56-0	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU080618\
Data File : VU025897.D
Acq On : 06 Aug 2018 19:38
Operator : MD/SY
Sample : J4263-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
FL-0522

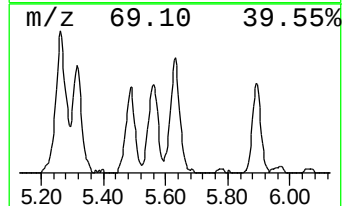
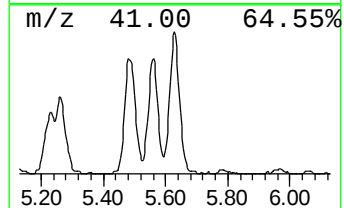
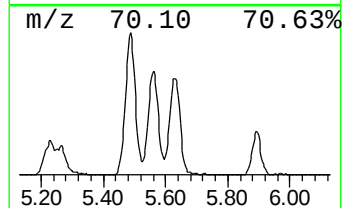
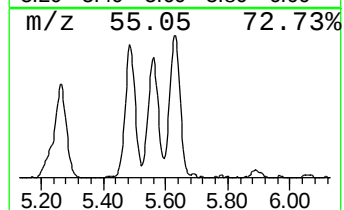
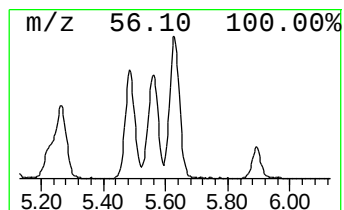
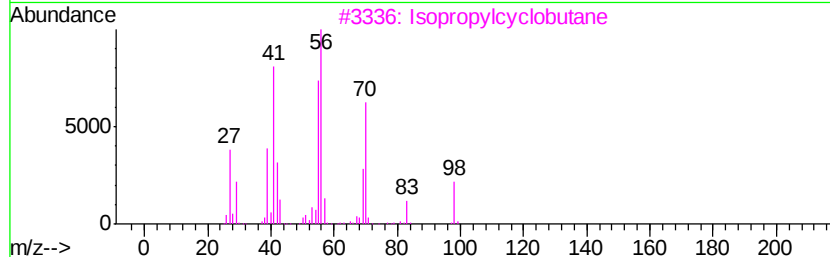
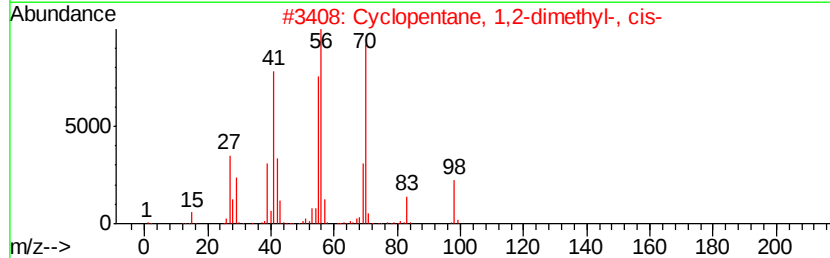
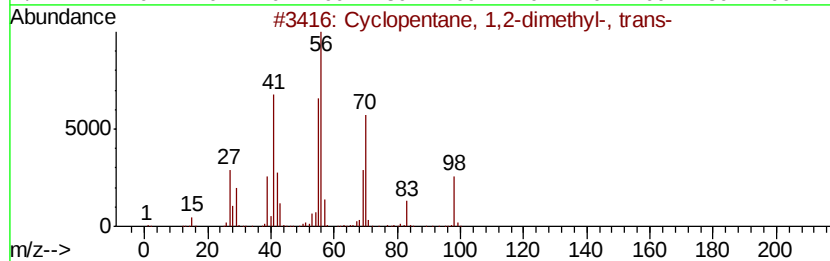
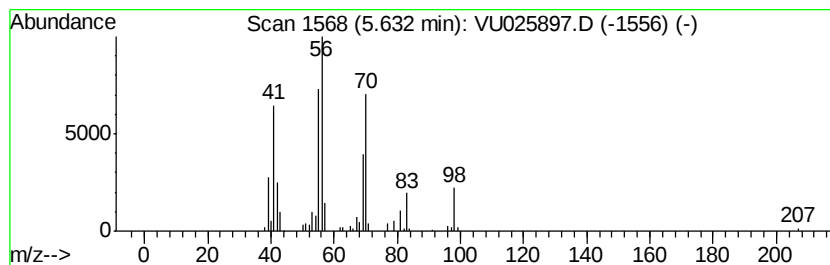
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Quant Title : SW846 8260

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

Peak Number 7 Cyclopentane, 1,2-dimethyl-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.63	13.44 ug/l	179003	1,4-Difluorobenzene	5.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	90
2		Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	90
3		Isopropylcyclobutane	98	C7H14	000872-56-0	87
4		Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	83
5		Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU080618\
Data File : VU025897.D
Acq On : 06 Aug 2018 19:38
Operator : MD/SY
Sample : J4263-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FL-0522

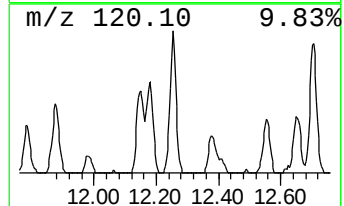
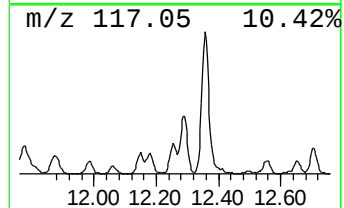
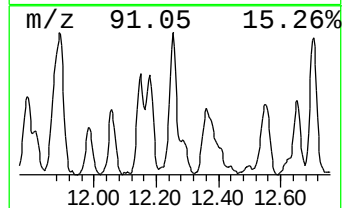
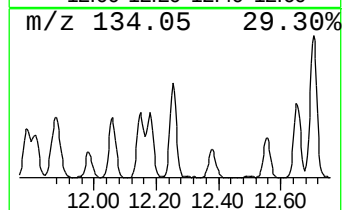
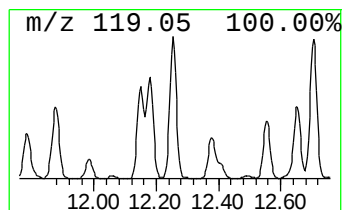
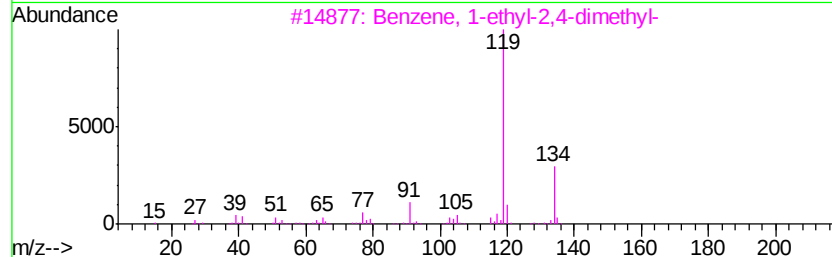
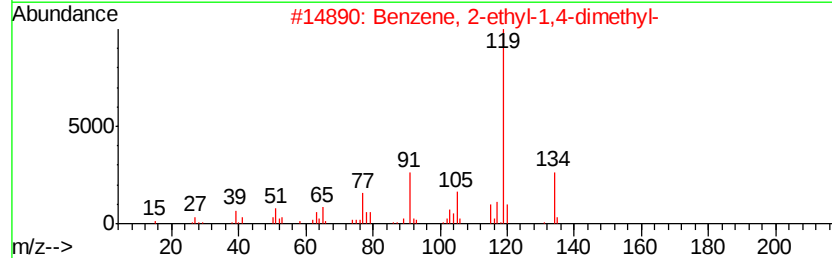
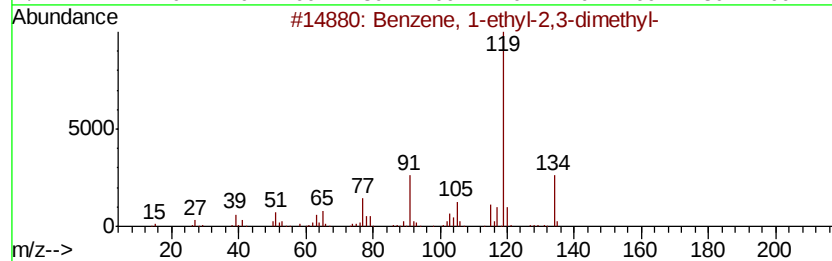
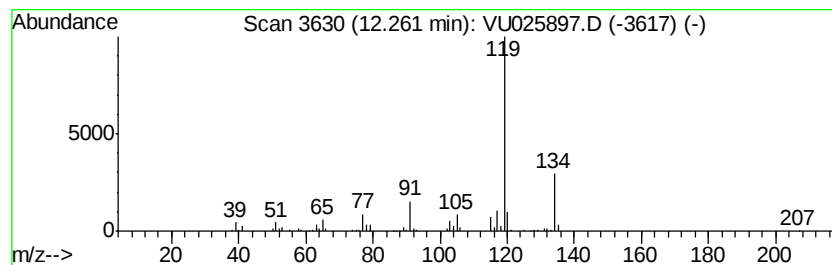
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	10.48 ug/l	226330	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU080618\
Data File : VU025897.D
Acq On : 06 Aug 2018 19:38
Operator : MD/SY
Sample : J4263-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FL-0522

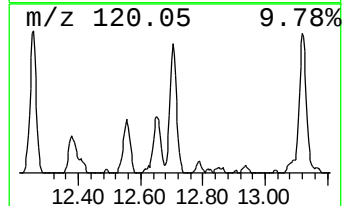
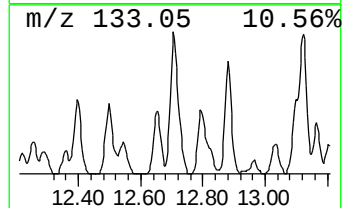
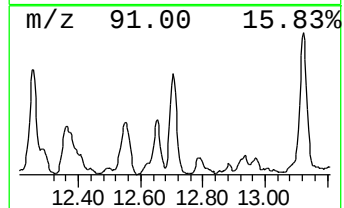
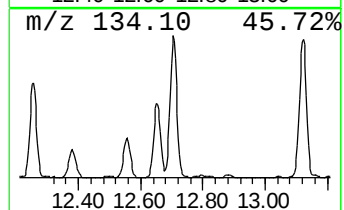
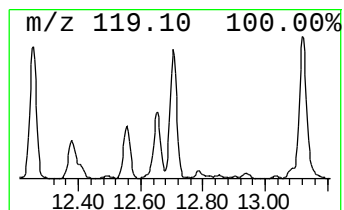
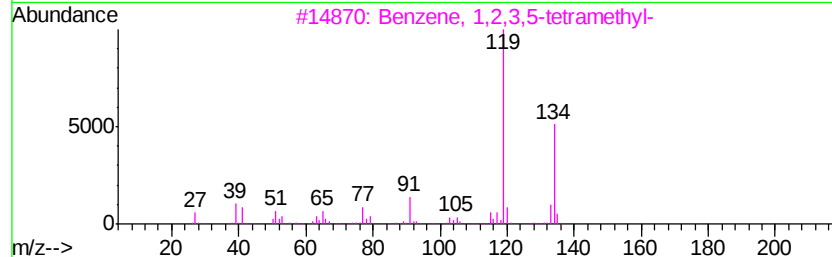
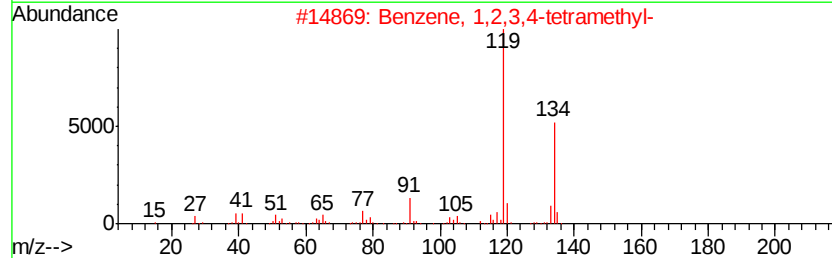
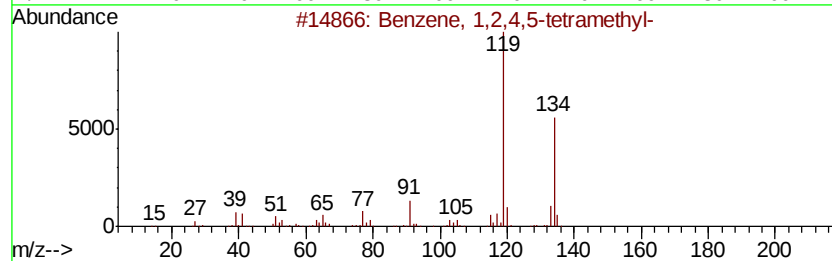
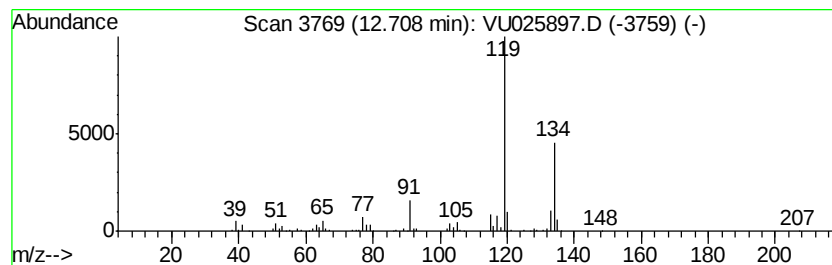
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	11.57 ug/l	249746	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025897.D
Acq On : 06 Aug 2018 19:38
Operator : MD/SY
Sample : J4263-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FL-0522

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
Pentane, 2-methyl-	2.75	12.4	ug/l	222380	1	4.99	893339	50.0
Pentane, 3-methyl-	3.00	27.1	ug/l	483589	1	4.99	893339	50.0
Cyclopentane, met...	4.10	31.6	ug/l	564286	1	4.99	893339	50.0
Cyclopentane, 1,3...	5.56	11.0	ug/l	146233	2	5.89	665718	50.0
Cyclopentane, 1,2...	5.63	13.4	ug/l	179003	2	5.89	665718	50.0
Benzene, 1-ethyl-...	12.26	10.5	ug/l	226330	4	11.49	1079480	50.0
Benzene, 1,2,4,5-...	12.71	11.6	ug/l	249746	4	11.49	1079480	50.0