

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080618\
 Data File : VU025898.D
 Acq On : 06 Aug 2018 20:02
 Operator : MD/SY
 Sample : J4263-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0520

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	140	155	173	rBV	356955	423427	27.43%	2.099%
2	1.407	247	254	263	rVB	18833	19717	1.28%	0.098%
3	1.760	353	364	380	rBV	329408	427009	27.66%	2.116%
4	1.950	412	423	447	rVB	346793	467975	30.31%	2.320%
5	2.304	522	533	553	rVB	103044	199426	12.92%	0.988%
6	2.712	646	660	662	rBV	154254	237110	15.36%	1.175%
7	2.748	663	671	679	rVV	404597	803928	52.07%	3.985%
8	2.793	680	685	712	rVB	196505	356319	23.08%	1.766%
9	3.002	732	750	779	rBV	437339	935497	60.60%	4.637%
10	3.307	826	845	864	rBV	161853	352322	22.82%	1.746%
11	3.558	908	923	941	rVB2	8025	18820	1.22%	0.093%
12	3.657	941	954	968	rBV5	6722	17466	1.13%	0.087%
13	3.863	1002	1018	1021	rBV4	8675	18110	1.17%	0.090%
14	4.001	1043	1061	1071	rBV3	10489	25701	1.66%	0.127%
15	4.101	1071	1092	1114	rVV2	536385	1435251	92.97%	7.114%
16	4.738	1276	1290	1312	rVB3	16179	43025	2.79%	0.213%
17	4.889	1316	1337	1352	rBV	179930	406662	26.34%	2.016%
18	4.998	1353	1371	1388	rVV3	609013	1543839	100.00%	7.652%
19	5.085	1389	1398	1415	rVB3	43654	106723	6.91%	0.529%
20	5.230	1426	1443	1447	rBV2	34078	74601	4.83%	0.370%
21	5.313	1459	1469	1490	rVB	173148	378901	24.54%	1.878%
22	5.487	1507	1523	1534	rBV3	61578	140573	9.11%	0.697%
23	5.561	1535	1546	1556	rVV3	52796	117272	7.60%	0.581%
24	5.628	1556	1567	1584	rVB2	79558	178450	11.56%	0.884%
25	5.892	1634	1649	1666	rBV	342844	674708	43.70%	3.344%
26	6.419	1785	1813	1840	rBV	412413	903930	58.55%	4.480%
27	6.644	1871	1883	1899	rVB2	38535	72005	4.66%	0.357%
28	6.741	1899	1913	1928	rVB4	15065	33545	2.17%	0.166%
29	6.908	1951	1965	1984	rVB4	19408	44348	2.87%	0.220%
30	7.570	2147	2171	2202	rBV	644008	1245329	80.66%	6.173%
31	7.715	2204	2216	2229	rVV3	29877	74298	4.81%	0.368%
32	7.779	2229	2236	2249	rVB5	15172	27698	1.79%	0.137%
33	7.921	2267	2280	2295	rVB3	64855	117434	7.61%	0.582%
34	8.053	2306	2321	2330	rBV3	25380	46536	3.01%	0.231%

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35	8.493	2442	2458	2466	rBV4	21287	40722	2.64%	0.202%
36	8.548	2466	2475	2484	rVB	30362	47843	3.10%	0.237%
37	8.609	2484	2494	2505	rBV2	54876	95421	6.18%	0.473%
38	8.850	2561	2569	2582	rVB5	11904	20424	1.32%	0.101%
39	9.095	2632	2645	2663	rBV	500017	853373	55.28%	4.230%
40	9.191	2665	2675	2685	rVV3	29553	53958	3.50%	0.267%
41	9.252	2685	2694	2708	rVB	44801	77218	5.00%	0.383%
42	9.377	2717	2733	2749	rBV	113705	234863	15.21%	1.164%
43	9.574	2785	2794	2805	rBV2	13689	20921	1.36%	0.104%
44	9.725	2824	2841	2856	rBV6	19975	63956	4.14%	0.317%
45	9.956	2906	2913	2924	rVB3	26637	43796	2.84%	0.217%
46	10.049	2931	2942	2959	rBV3	11943	29981	1.94%	0.149%
47	10.168	2971	2979	2988	rBV2	14630	21196	1.37%	0.105%
48	10.310	3011	3023	3036	rBV	522658	825622	53.48%	4.092%
49	10.381	3039	3045	3054	rVB5	16322	26999	1.75%	0.134%
50	10.496	3072	3081	3093	rVB6	21863	37196	2.41%	0.184%
51	10.593	3101	3111	3128	rBV	26033	44268	2.87%	0.219%
52	10.686	3128	3140	3144	rBV	116668	189664	12.29%	0.940%
53	10.776	3157	3168	3185	rVB	143041	222444	14.41%	1.103%
54	10.975	3214	3230	3246	rBV	109220	179275	11.61%	0.889%
55	11.152	3274	3285	3299	rBV	216616	336681	21.81%	1.669%
56	11.278	3312	3324	3333	rBV9	8050	17852	1.16%	0.088%
57	11.326	3333	3339	3350	rVB2	11121	16780	1.09%	0.083%
58	11.429	3357	3371	3379	rBV	50030	78018	5.05%	0.387%
59	11.487	3379	3389	3404	rVV	681023	1096230	71.01%	5.434%
60	11.574	3404	3416	3428	rVB	49131	80164	5.19%	0.397%
61	11.693	3443	3453	3464	rVB	19425	29377	1.90%	0.146%
62	11.786	3469	3482	3485	rBV4	45527	68699	4.45%	0.341%
63	11.811	3486	3490	3499	rVV	57248	80121	5.19%	0.397%
64	11.879	3499	3511	3524	rVB2	142802	257181	16.66%	1.275%
65	11.985	3532	3544	3554	rBV2	48553	73616	4.77%	0.365%
66	12.059	3556	3567	3578	rBV	122513	187802	12.16%	0.931%
67	12.149	3580	3595	3599	rBV	60491	89840	5.82%	0.445%
68	12.178	3599	3604	3614	rVV	80090	120183	7.78%	0.596%
69	12.255	3615	3628	3636	rVV	103908	159673	10.34%	0.791%
70	12.297	3636	3641	3652	rVB6	23512	38825	2.51%	0.192%
71	12.390	3652	3670	3684	rBV7	49891	174152	11.28%	0.863%

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72	12.496	3691	3703	3710	rBV4	37279	63073	4.09%	0.313%
73	12.551	3710	3720	3733	rVB4	83647	164351	10.65%	0.815%
74	12.625	3733	3743	3746	rBV2	32676	45744	2.96%	0.227%
75	12.651	3746	3751	3759	rVB	53645	75099	4.86%	0.372%
76	12.705	3759	3768	3784	rVB	139700	224638	14.55%	1.113%
77	12.792	3784	3795	3810	rBV3	58997	117104	7.59%	0.580%
78	12.882	3811	3823	3829	rBV2	22900	31723	2.05%	0.157%
79	12.934	3829	3839	3847	rBV4	46464	83360	5.40%	0.413%
80	13.078	3876	3884	3888	rBV5	20826	31091	2.01%	0.154%
81	13.123	3889	3898	3910	rVB2	146372	232346	15.05%	1.152%
82	13.294	3944	3951	3958	rVB5	24508	36879	2.39%	0.183%
83	13.413	3978	3988	3995	rBV4	18565	39114	2.53%	0.194%
84	13.461	3996	4003	4009	rVB2	19732	28627	1.85%	0.142%
85	13.512	4009	4019	4026	rBV5	66405	116232	7.53%	0.576%
86	13.734	4075	4088	4097	rBV4	32368	63595	4.12%	0.315%
87	13.792	4098	4106	4118	rVB3	35132	57683	3.74%	0.286%
88	13.860	4118	4127	4142	rVB3	39370	67103	4.35%	0.333%
89	13.956	4142	4157	4169	rBV7	47850	106109	6.87%	0.526%
90	14.020	4169	4177	4186	rVV4	23672	43595	2.82%	0.216%
91	14.159	4208	4220	4223	rBV5	14956	26705	1.73%	0.132%
92	14.352	4266	4280	4292	rBV6	47297	121429	7.87%	0.602%
93	14.480	4313	4320	4330	rVB2	25585	38825	2.51%	0.192%
94	14.548	4331	4341	4351	rVB5	26639	49430	3.20%	0.245%
95	14.612	4353	4361	4372	rVB4	18505	29068	1.88%	0.144%
96	14.683	4372	4383	4400	rBV5	60028	126611	8.20%	0.628%
97	14.879	4433	4444	4455	rVV7	21838	50678	3.28%	0.251%
98	14.940	4455	4463	4479	rVB4	18868	38179	2.47%	0.189%
99	15.072	4494	4504	4516	rBV7	21014	44264	2.87%	0.219%
100	15.593	4653	4666	4675	rBV8	9187	20442	1.32%	0.101%

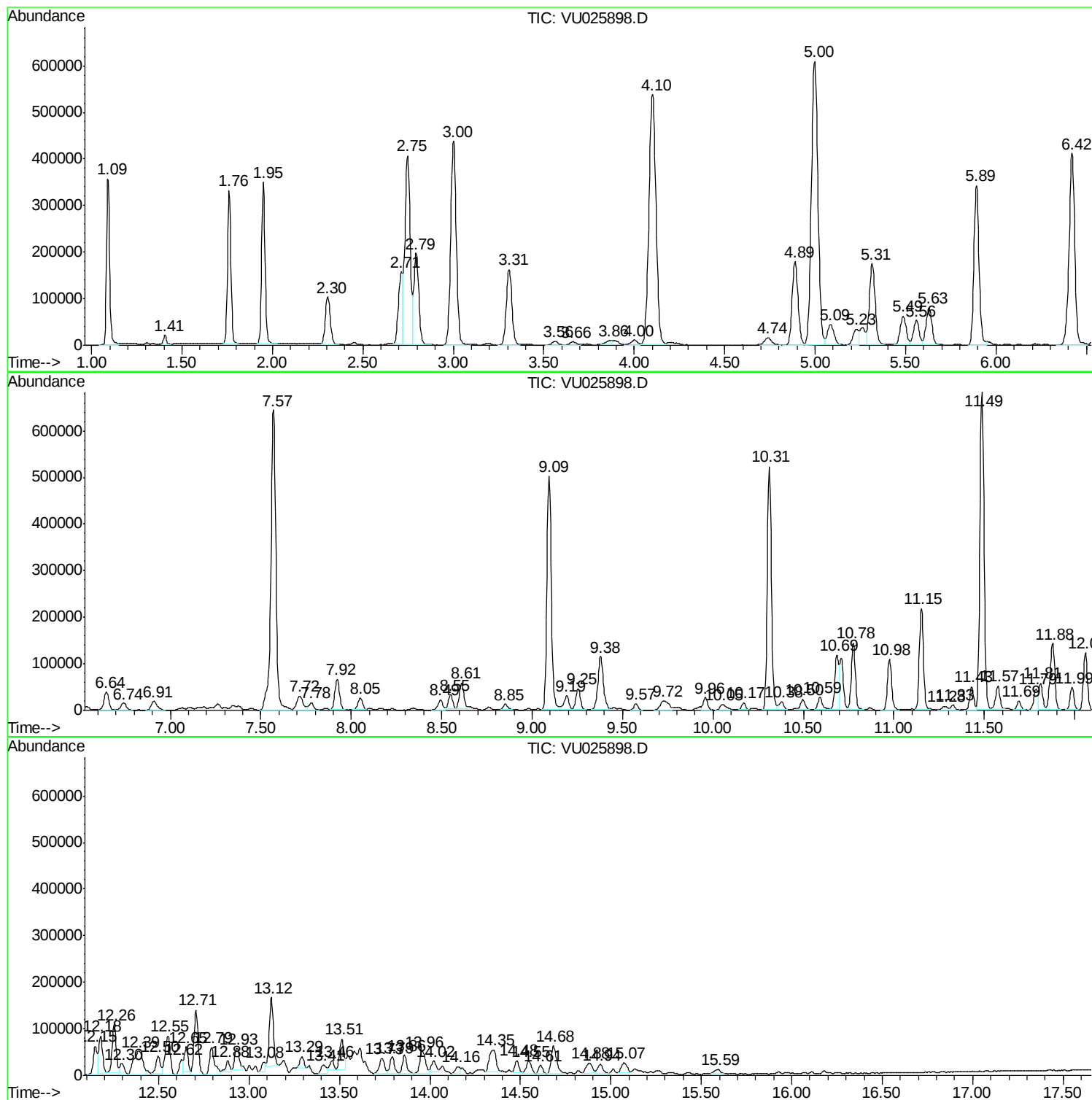
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

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



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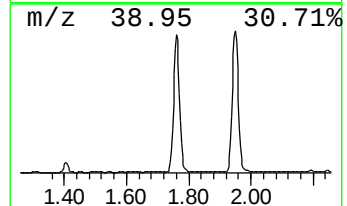
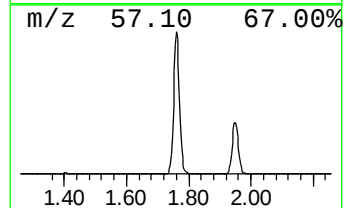
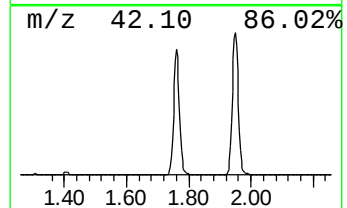
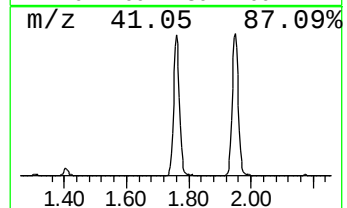
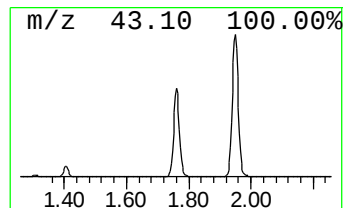
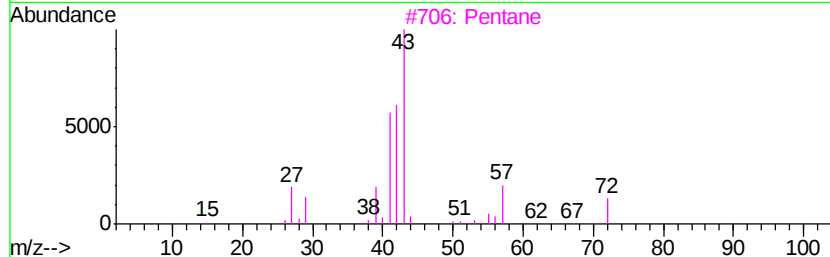
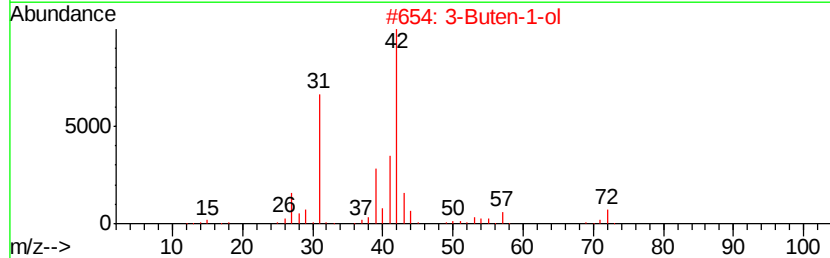
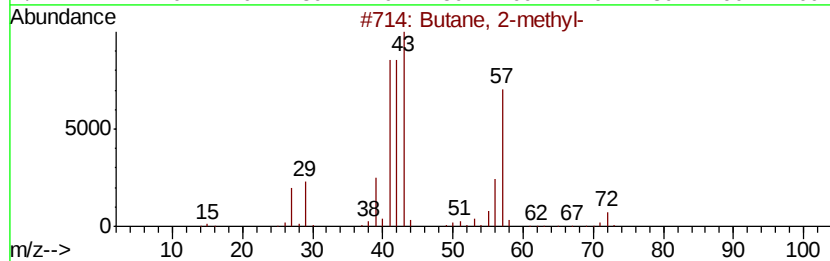
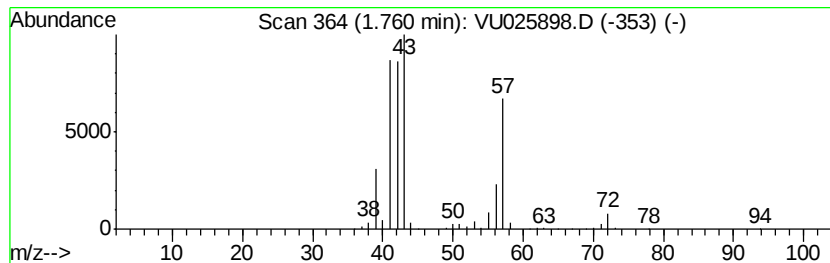
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.76	13.83 ug/l	427009	Pentafluorobenzene	4.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	94
2		3-Buten-1-ol	72	C4H8O	000627-27-0	47
3		Pentane	72	C5H12	000109-66-0	36
4		1-Butene	56	C4H8	000106-98-9	14
5		1-Propene, 2-methyl-	56	C4H8	000115-11-7	14



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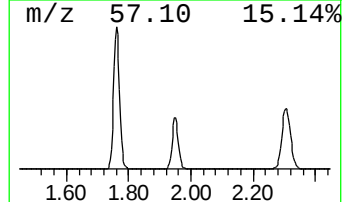
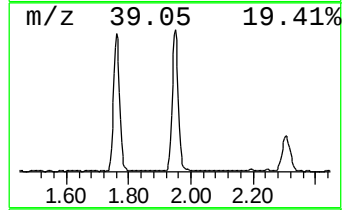
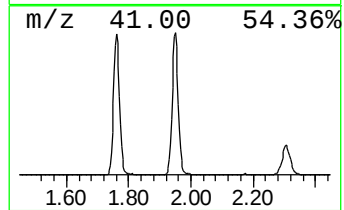
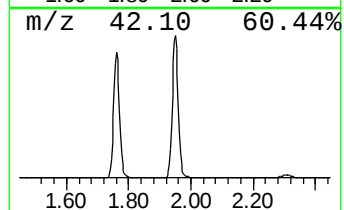
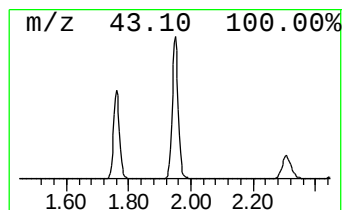
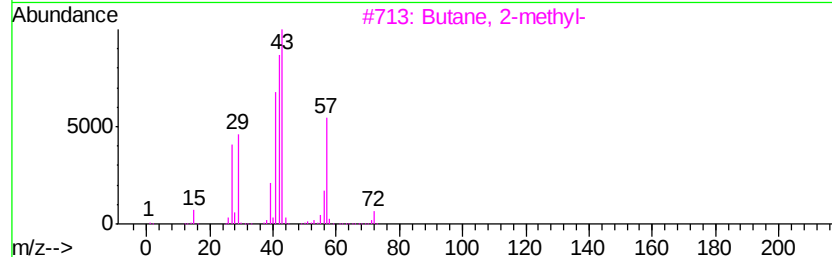
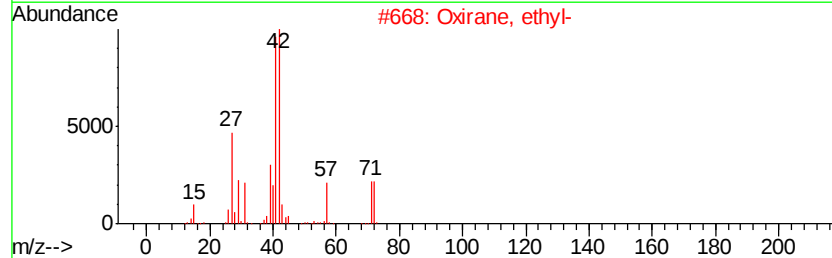
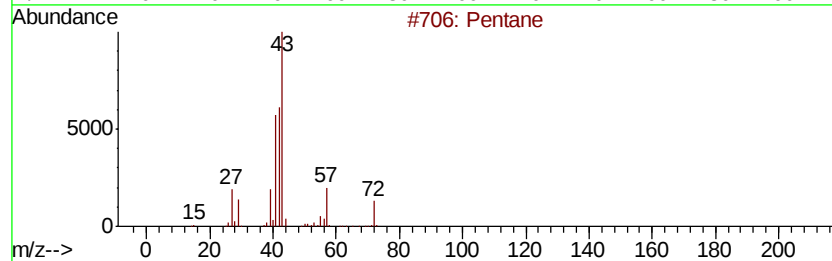
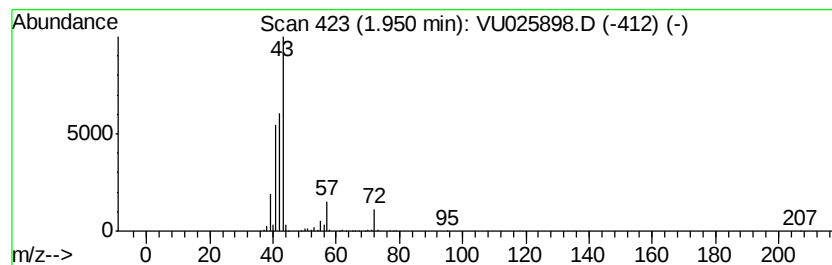
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Pentane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.95	15.16 ug/l	467975	Pentafluorobenzene	4.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane		72	C5H12	000109-66-0	91
2	Oxirane, ethyl-		72	C4H8O	000106-88-7	50
3	Butane, 2-methyl-		72	C5H12	000078-78-4	45
4	Diaziridine,3,3-dimethyl-		72	C3H8N2	004901-76-2	9
5	Butanal, 2,2-dimethyl-		100	C6H12O	002094-75-9	9



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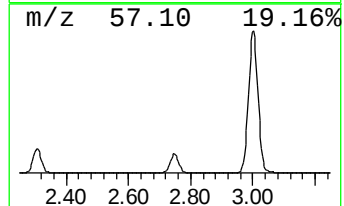
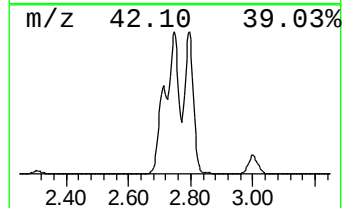
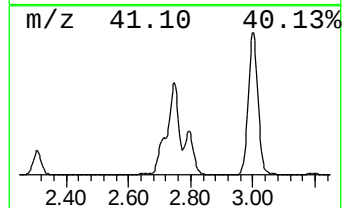
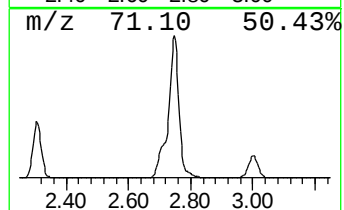
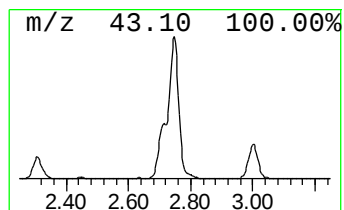
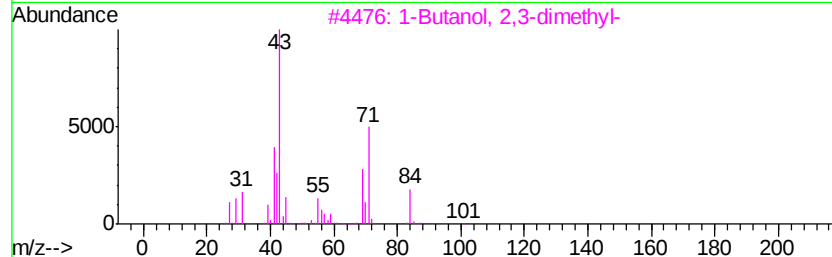
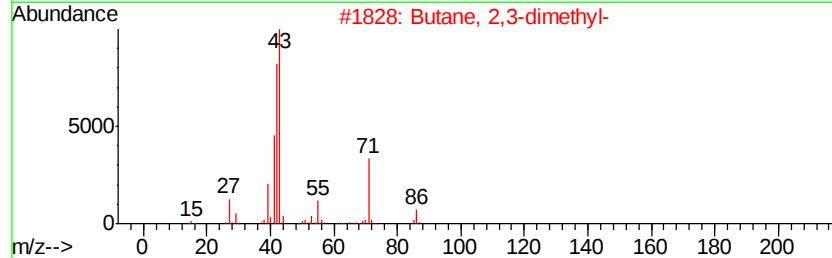
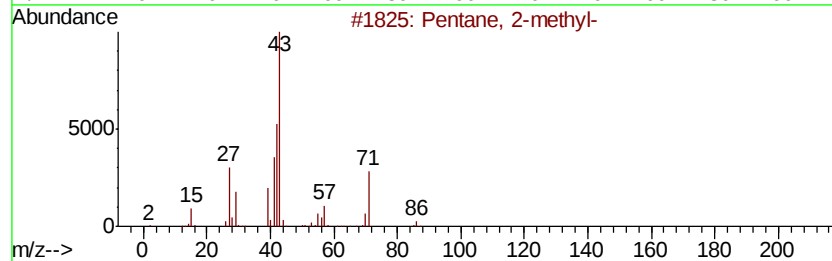
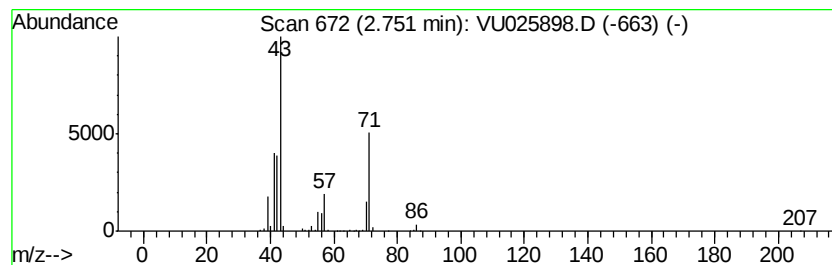
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Pentane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.75	26.04 ug/l	803928	Pentafluorobenzene	4.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2-methyl-	86	C6H14	000107-83-5	53
2		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	38
3		1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	36
4		Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	28
5		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU080618\
Data File : VU025898.D
Acq On : 06 Aug 2018 20:02
Operator : MD/SY
Sample : J4263-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FL-0520

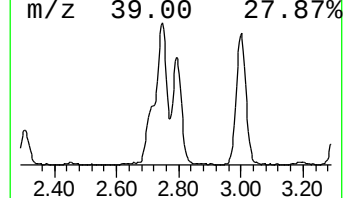
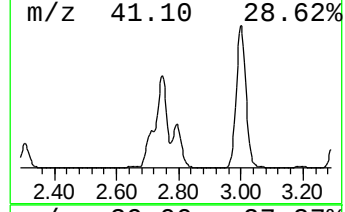
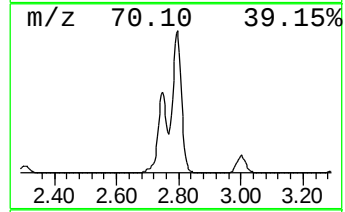
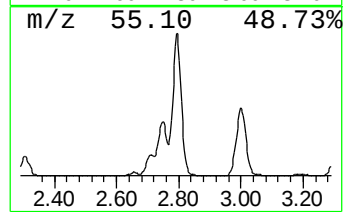
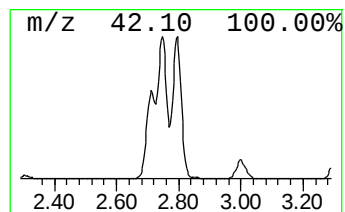
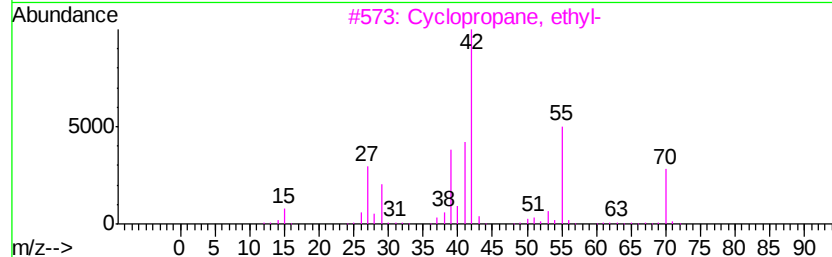
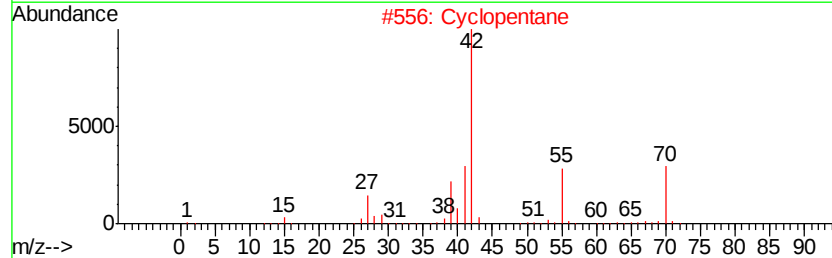
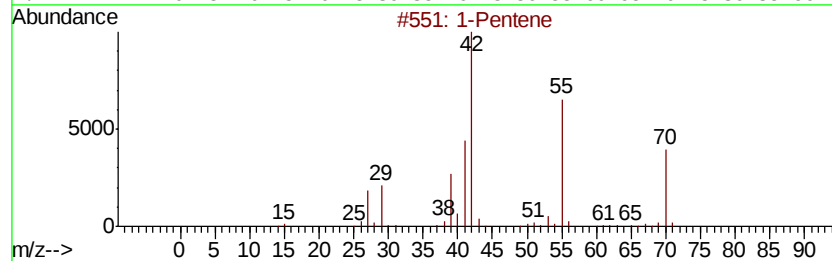
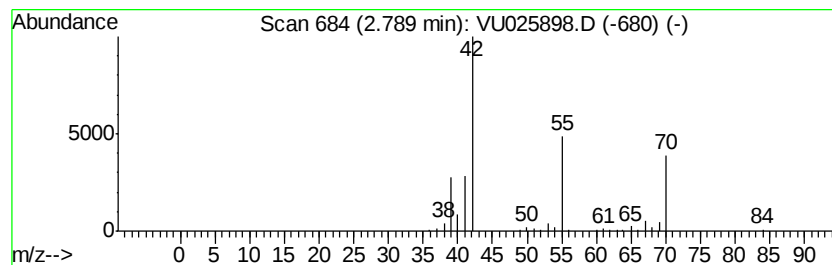
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Quant Title : SW846 8260

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

Peak Number 5 1-Pentene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	11.54 ug/l	356319	Pentafluorobenzene	4.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Pentene	70	C5H10	000109-67-1	80
2		Cyclopentane	70	C5H10	000287-92-3	72
3		Cyclopropane, ethyl-	70	C5H10	001191-96-4	9
4		Isobutyronitrile	69	C4H7N	000078-82-0	9
5		Carbonochloridic acid, pentyl ester	150	C6H11ClO2	000638-41-5	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU080618\
Data File : VU025898.D
Acq On : 06 Aug 2018 20:02
Operator : MD/SY
Sample : J4263-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FL-0520

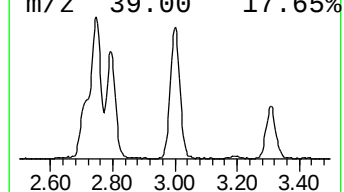
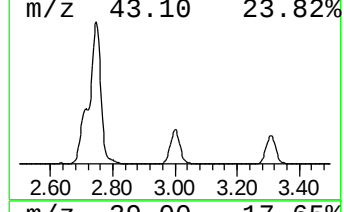
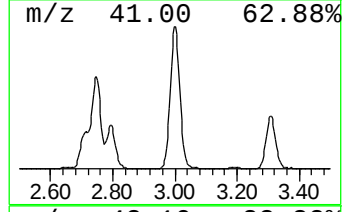
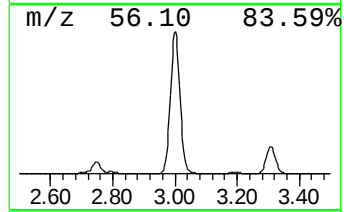
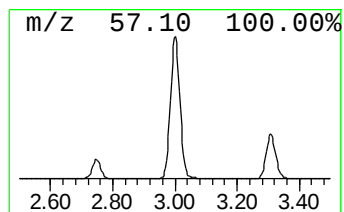
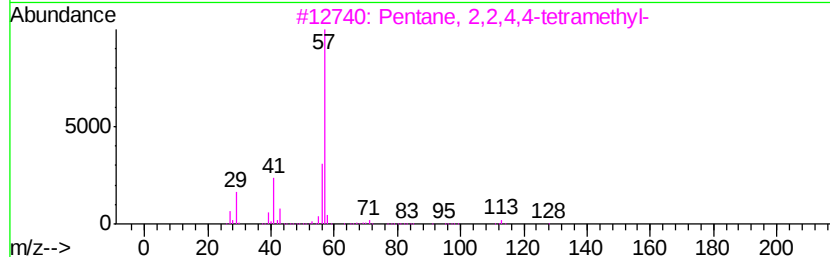
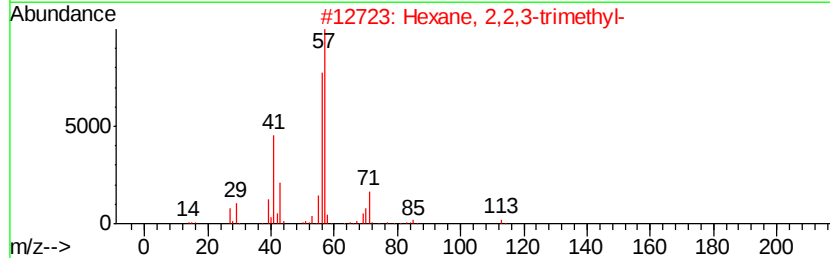
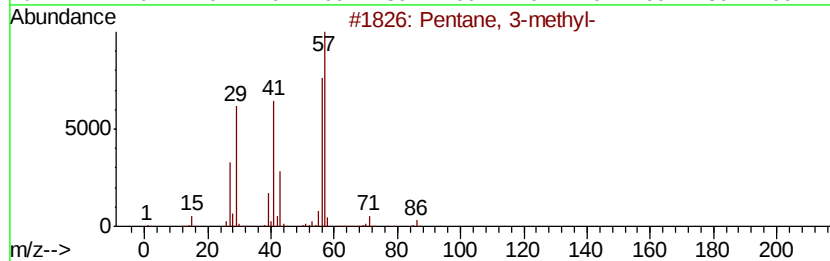
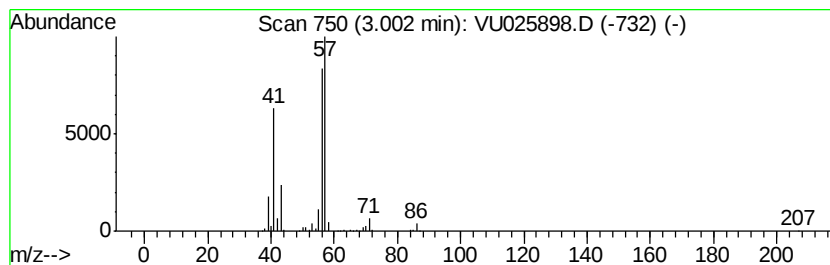
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Quant Title : SW846 8260

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

Peak Number 6 Pentane, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	30.30 ug/l	935497	Pentafluorobenzene	4.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91	
2	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78	
3	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	45	
4	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	43	
5	Butyl isocyanatoacetate	157	C7H11NO3	017046-22-9	40	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU080618\
Data File : VU025898.D
Acq On : 06 Aug 2018 20:02
Operator : MD/SY
Sample : J4263-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleID :
FL-0520

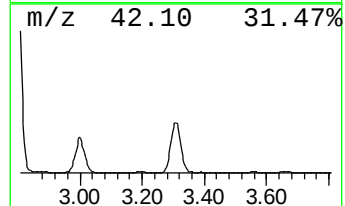
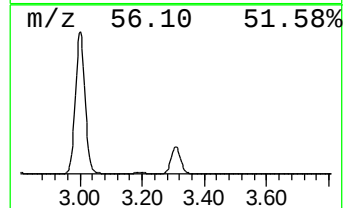
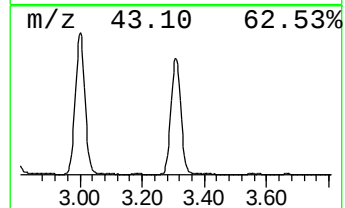
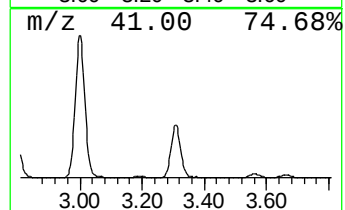
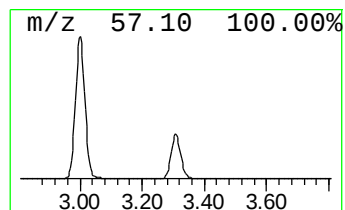
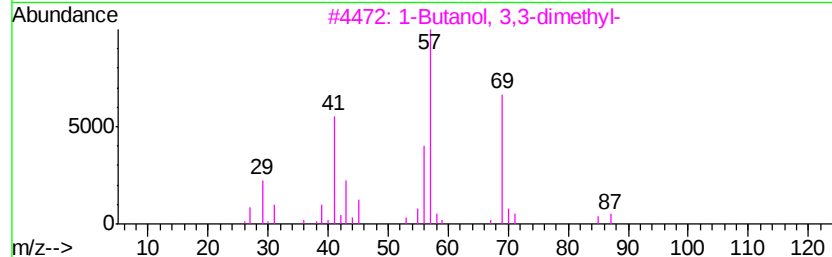
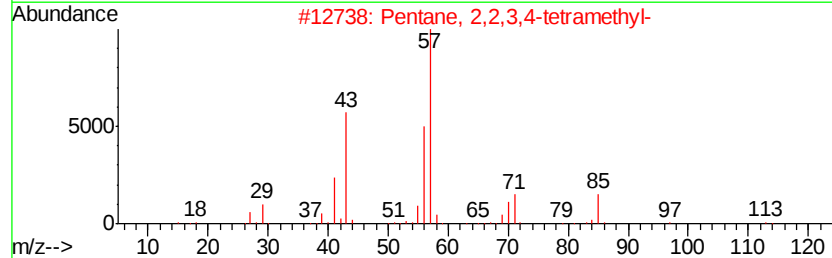
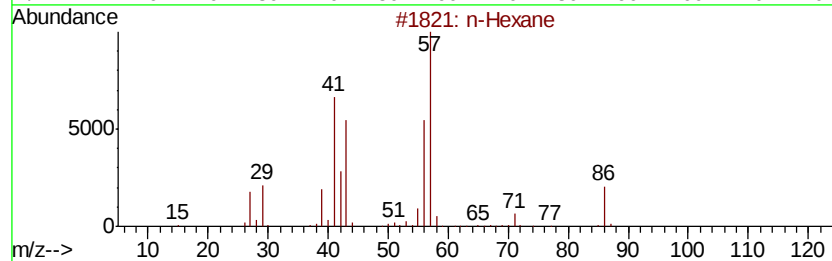
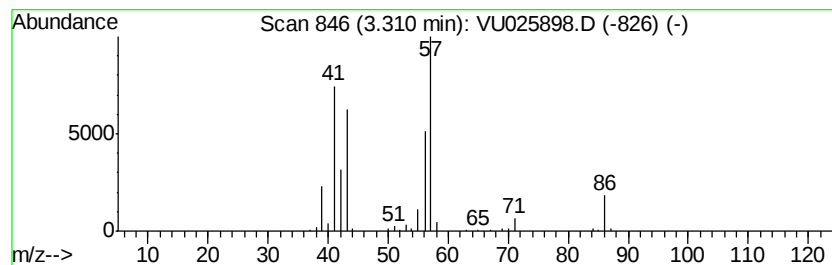
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Quant Title : SW846 8260

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

Peak Number 7 n-Hexane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.31	11.41 ug/l	352322	Pentafluorobenzene	4.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexane	86	C6H14	000110-54-3	91
2			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	38
3			1-Butanol, 3,3-dimethyl-	102	C6H14O	000624-95-3	36
4			Butyl isocyanatoacetate	157	C7H11NO3	017046-22-9	36
5			Butanal, 2-methyl-	86	C5H10O	000096-17-3	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU080618\
Data File : VU025898.D
Acq On : 06 Aug 2018 20:02
Operator : MD/SY
Sample : J4263-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FL-0520

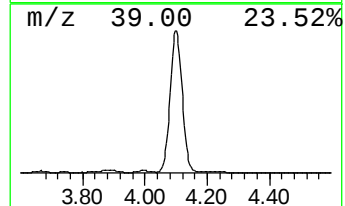
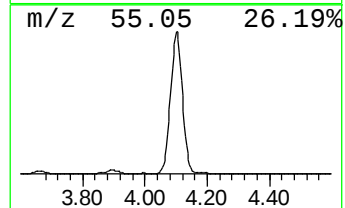
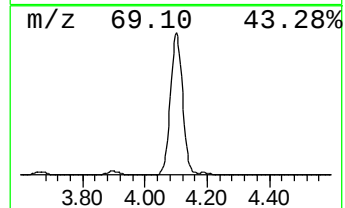
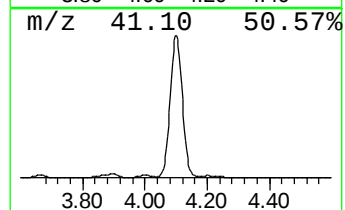
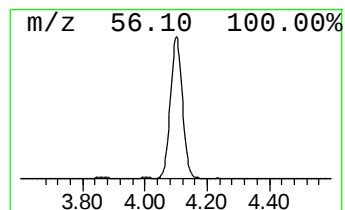
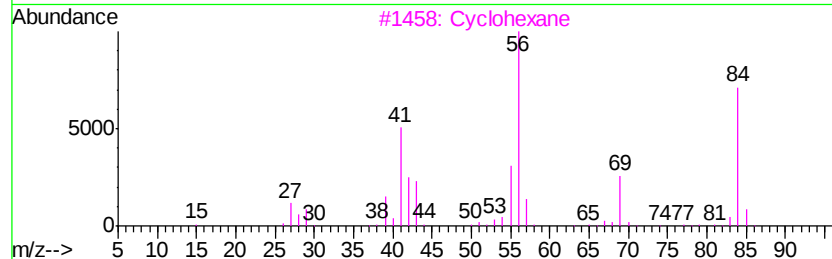
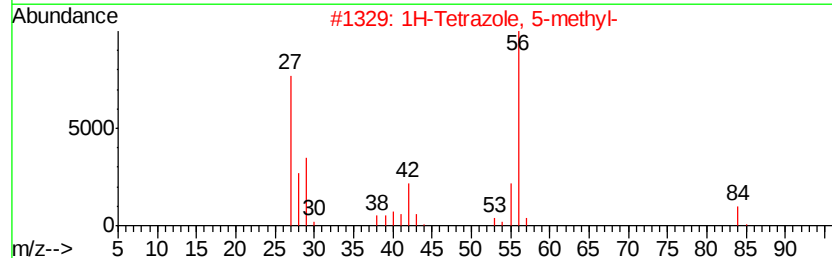
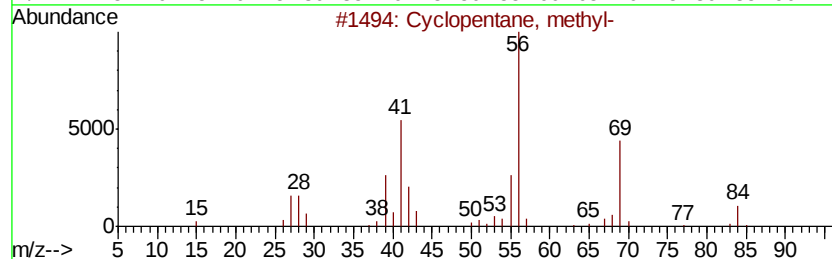
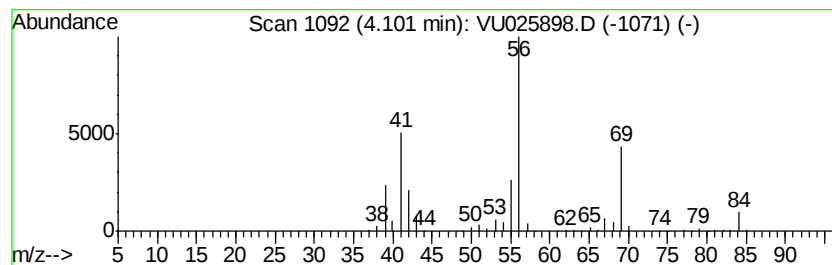
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Quant Title : SW846 8260

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

Peak Number 8 Cyclopentane, methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.10	46.48 ug/l	1435250	Pentafluorobenzene	4.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2		1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
3		Cyclohexane	84	C6H12	000110-82-7	78
4		Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5		Cyclobutane	56	C4H8	000287-23-0	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU080618\
Data File : VU025898.D
Acq On : 06 Aug 2018 20:02
Operator : MD/SY
Sample : J4263-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
FL-0520

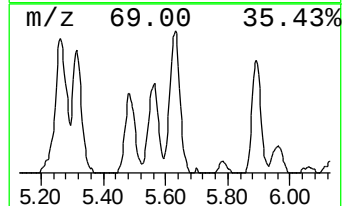
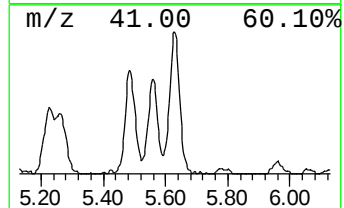
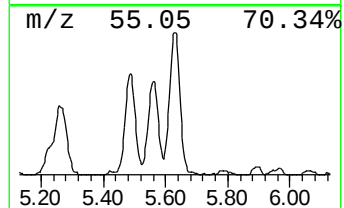
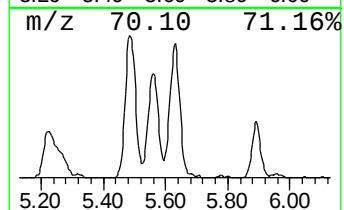
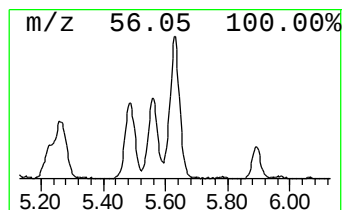
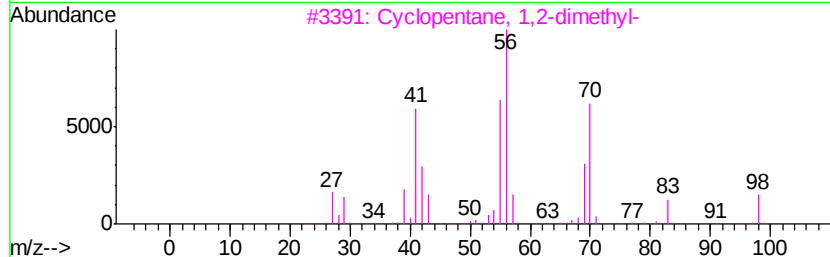
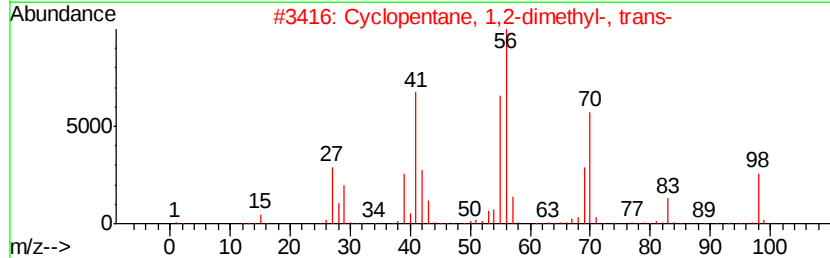
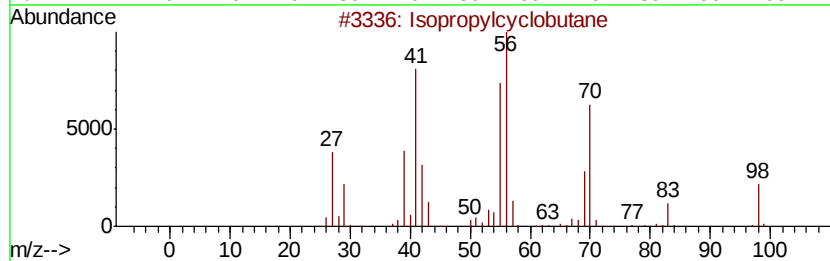
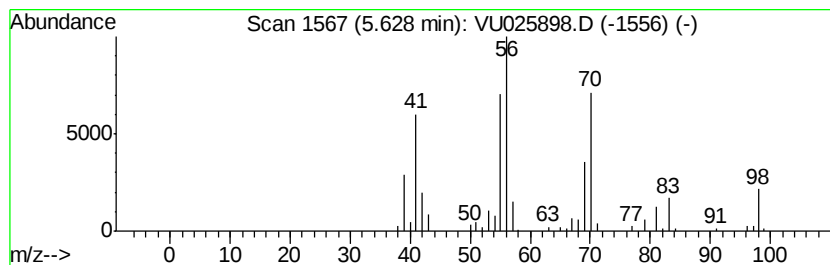
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Quant Title : SW846 8260

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

Peak Number 9 Isopropylcyclobutane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.63	13.22 ug/l	178450	1,4-Difluorobenzene	5.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isopropylcvclobutane	98	C7H14	000872-56-0	93
2		Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
3		Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	81
4		3-Heptene	98	C7H14	000592-78-9	80
5		Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU080618\
Data File : VU025898.D
Acq On : 06 Aug 2018 20:02
Operator : MD/SY
Sample : J4263-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FL-0520

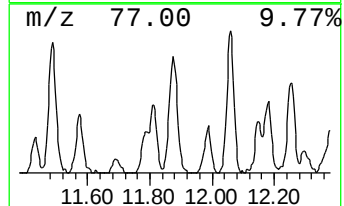
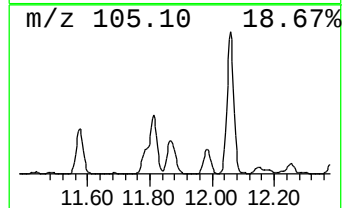
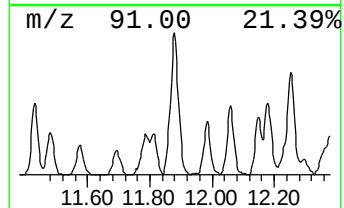
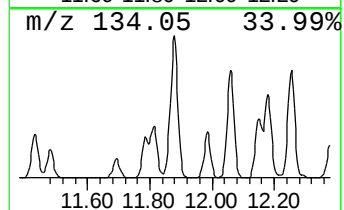
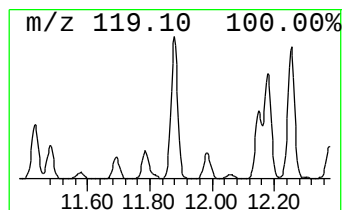
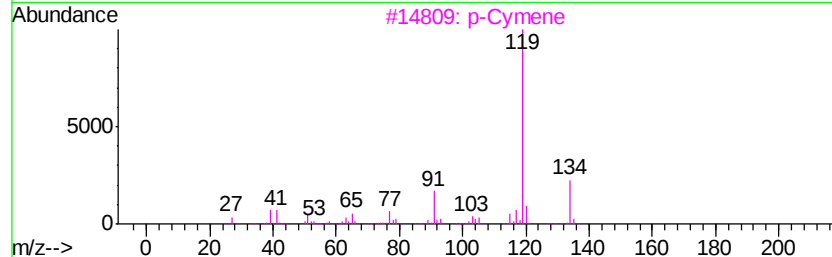
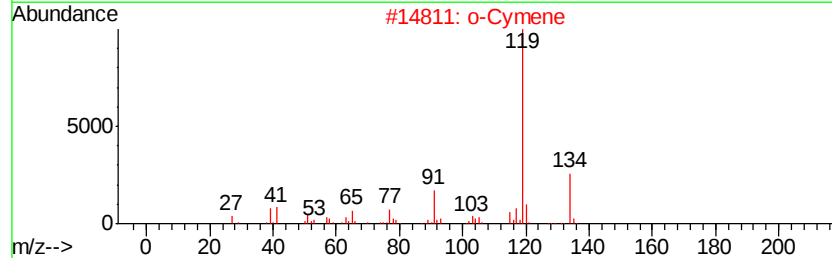
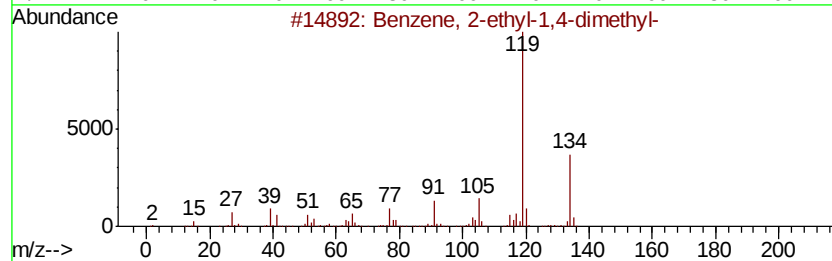
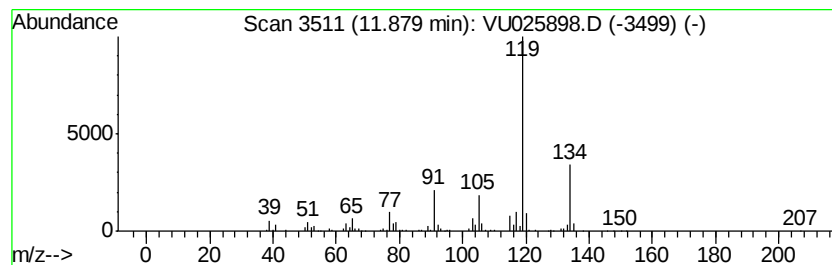
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

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

Peak Number 10 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	11.73 ug/l	257181	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2		o-Cymene	134	C10H14	000527-84-4	95
3		p-Cymene	134	C10H14	000099-87-6	95
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025898.D
Acq On : 06 Aug 2018 20:02
Operator : MD/SY
Sample : J4263-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FL-0520

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
Butane, 2-methyl-	1.76	13.8	ug/l	427009	1	4.99	1543840	50.0
Pentane	1.95	15.2	ug/l	467975	1	4.99	1543840	50.0
Pentane, 2-methyl-	2.75	26.0	ug/l	803928	1	4.99	1543840	50.0
1-Pentene	2.79	11.5	ug/l	356319	1	4.99	1543840	50.0
Pentane, 3-methyl-	3.00	30.3	ug/l	935497	1	4.99	1543840	50.0
n-Hexane	3.31	11.4	ug/l	352322	1	4.99	1543840	50.0
Cyclopentane, met...	4.10	46.5	ug/l	1435250	1	4.99	1543840	50.0
Isopropylcyclobutane	5.63	13.2	ug/l	178450	2	5.89	674708	50.0
Benzene, 2-ethyl-...	11.88	11.7	ug/l	257181	4	11.49	1096230	50.0