

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080618\
 Data File : VU025896.D
 Acq On : 06 Aug 2018 19:15
 Operator : MD/SY
 Sample : J4263-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0521

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	138	155	174	rBV	413821	474495	37.33%	2.860%
2	1.761	355	364	383	rVB	93121	121563	9.56%	0.733%
3	1.947	414	422	435	rVB	50428	67264	5.29%	0.405%
4	2.307	522	534	553	rVB2	62323	121784	9.58%	0.734%
5	2.709	646	659	664	rBV2	87765	168811	13.28%	1.017%
6	2.748	665	671	683	rVB2	132162	233648	18.38%	1.408%
7	2.998	733	749	776	rVB	234898	502631	39.54%	3.029%
8	3.860	1001	1017	1039	rVB5	8070	24684	1.94%	0.149%
9	4.002	1044	1061	1072	rBV6	10273	29438	2.32%	0.177%
10	4.101	1073	1092	1113	rVB	214248	572205	45.01%	3.448%
11	4.741	1274	1291	1307	rBV4	17329	47310	3.72%	0.285%
12	4.889	1319	1337	1353	rBV2	179704	408567	32.14%	2.462%
13	4.992	1353	1369	1387	rVV2	366627	910509	71.63%	5.487%
14	5.085	1387	1398	1417	rVB3	51710	129030	10.15%	0.778%
15	5.227	1427	1442	1445	rBV2	32872	60621	4.77%	0.365%
16	5.317	1460	1470	1492	rVB	175010	378318	29.76%	2.280%
17	5.487	1506	1523	1534	rBV3	79439	180437	14.19%	1.087%
18	5.558	1535	1545	1556	rVV	69632	152306	11.98%	0.918%
19	5.629	1556	1567	1592	rVB3	81078	182334	14.34%	1.099%
20	5.892	1631	1649	1673	rBV	339143	679917	53.49%	4.097%
21	6.420	1789	1813	1830	rBV	461830	1015758	79.91%	6.121%
22	6.645	1871	1883	1899	rVB2	37332	71009	5.59%	0.428%
23	6.744	1901	1914	1930	rVB3	22110	46569	3.66%	0.281%
24	6.908	1951	1965	1984	rVB4	26879	59400	4.67%	0.358%
25	7.262	2055	2075	2084	rBV6	17204	38184	3.00%	0.230%
26	7.567	2147	2170	2201	rVV	659248	1271169	100.00%	7.661%
27	7.712	2203	2215	2229	rVV2	44755	102524	8.07%	0.618%
28	7.780	2230	2236	2247	rVV4	13522	22969	1.81%	0.138%
29	7.921	2268	2280	2301	rVB2	86653	160073	12.59%	0.965%
30	8.050	2307	2320	2331	rBV	31886	57159	4.50%	0.344%
31	8.493	2442	2458	2466	rBV3	22508	40267	3.17%	0.243%
32	8.548	2466	2475	2485	rVV	38692	62700	4.93%	0.378%
33	8.609	2485	2494	2504	rVV2	30642	52174	4.10%	0.314%
34	9.095	2629	2645	2664	rBV	507231	857698	67.47%	5.169%

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35	9.191	2665	2675	2685	rVV2	45302	81451	6.41%	0.491%
36	9.255	2685	2695	2706	rVB	54524	88792	6.99%	0.535%
37	9.378	2719	2733	2749	rBV4	78064	158077	12.44%	0.953%
38	9.738	2829	2845	2846	rBV7	7925	13257	1.04%	0.080%
39	9.956	2906	2913	2926	rVB5	8027	13299	1.05%	0.080%
40	10.169	2968	2979	2991	rBV	72623	113470	8.93%	0.684%
41	10.310	3011	3023	3039	rBV	512077	823015	64.74%	4.960%
42	10.590	3099	3110	3126	rVB	174115	268848	21.15%	1.620%
43	10.709	3142	3147	3158	rVB	83330	126232	9.93%	0.761%
44	10.776	3158	3168	3190	rVB	152153	234446	18.44%	1.413%
45	10.976	3221	3230	3242	rVB	20697	34258	2.69%	0.206%
46	11.152	3274	3285	3299	rVB	400034	612549	48.19%	3.691%
47	11.297	3315	3330	3332	rBV	25300	35752	2.81%	0.215%
48	11.326	3333	3339	3354	rVB	77362	120094	9.45%	0.724%
49	11.429	3359	3371	3379	rBV	60337	91560	7.20%	0.552%
50	11.487	3379	3389	3404	rVV	685847	1088720	85.65%	6.561%
51	11.574	3406	3416	3428	rVB	87368	134202	10.56%	0.809%
52	11.693	3443	3453	3463	rVB2	22444	34319	2.70%	0.207%
53	11.783	3466	3481	3487	rBV3	97017	173568	13.65%	1.046%
54	11.876	3499	3510	3526	rVB5	102188	207665	16.34%	1.251%
55	11.982	3532	3543	3555	rBV	45599	69581	5.47%	0.419%
56	12.059	3555	3567	3578	rBV	106089	161183	12.68%	0.971%
57	12.149	3583	3595	3600	rBV	106075	169318	13.32%	1.020%
58	12.178	3600	3604	3615	rVB	102956	138628	10.91%	0.835%
59	12.255	3618	3628	3635	rBV	153616	227626	17.91%	1.372%
60	12.358	3650	3660	3682	rBV4	82798	232583	18.30%	1.402%
61	12.496	3693	3703	3708	rBV4	10387	16104	1.27%	0.097%
62	12.554	3709	3721	3734	rVB3	78772	144159	11.34%	0.869%
63	12.654	3734	3752	3760	rBV	86616	146734	11.54%	0.884%
64	12.705	3760	3768	3782	rVB	167123	249649	19.64%	1.504%
65	12.792	3785	3795	3802	rBV4	22313	35004	2.75%	0.211%
66	12.882	3810	3823	3830	rBV	10557	15564	1.22%	0.094%
67	12.931	3830	3838	3843	rBV3	17709	27607	2.17%	0.166%
68	12.966	3843	3849	3857	rVB	28395	37724	2.97%	0.227%
69	13.123	3878	3898	3915	rBV2	248285	437340	34.40%	2.636%
70	13.291	3940	3950	3970	rVB2	80889	136670	10.75%	0.824%
71	13.410	3977	3987	3994	rBV4	13611	22689	1.78%	0.137%

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72	13.461	3994	4003	4010	rBV2	16832	23328	1.84%	0.141%
73	13.513	4010	4019	4027	rBV3	40469	69359	5.46%	0.418%
74	13.583	4035	4041	4044	rBV2	12393	15050	1.18%	0.091%
75	13.612	4045	4050	4057	rVB	25058	30061	2.36%	0.181%
76	13.744	4079	4091	4098	rBV4	11947	24166	1.90%	0.146%
77	13.789	4099	4105	4117	rVB3	14462	21332	1.68%	0.129%
78	13.860	4117	4127	4140	rVB2	17035	25490	2.01%	0.154%
79	13.956	4140	4157	4169	rBV3	25096	57153	4.50%	0.344%
80	14.017	4169	4176	4186	rVB3	10909	16864	1.33%	0.102%
81	14.156	4209	4219	4224	rBV4	8523	14036	1.10%	0.085%
82	14.355	4266	4281	4293	rBV5	35514	75324	5.93%	0.454%
83	14.545	4331	4340	4351	rVB4	7976	13252	1.04%	0.080%
84	14.680	4371	4382	4397	rBV3	34123	58331	4.59%	0.352%
85	14.885	4435	4446	4459	rBV	29815	57370	4.51%	0.346%
86	15.069	4492	4503	4518	rBV2	36183	67141	5.28%	0.405%

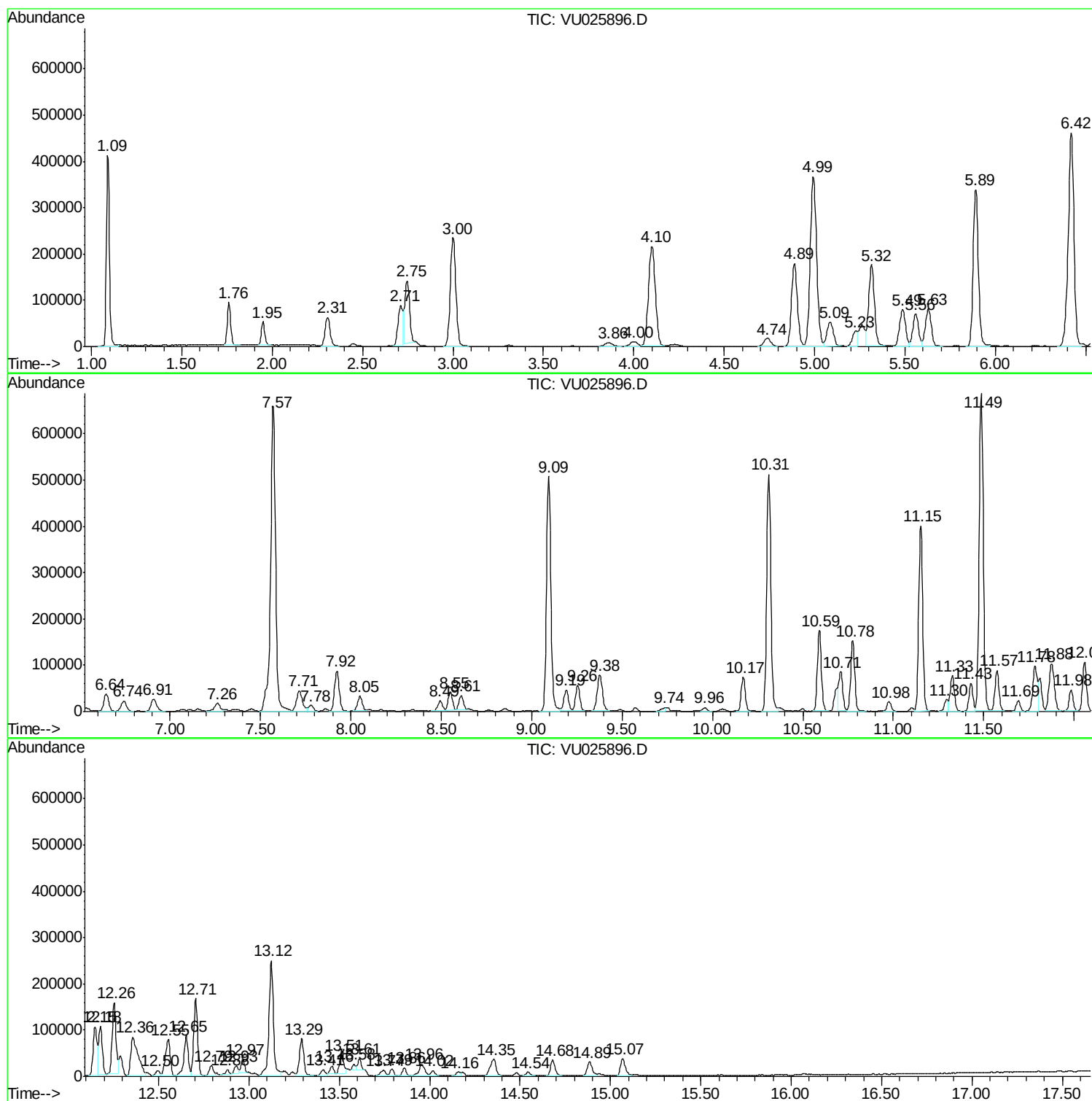
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

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



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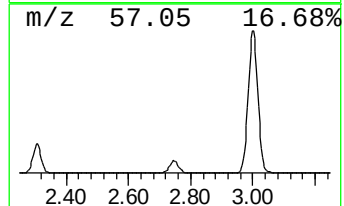
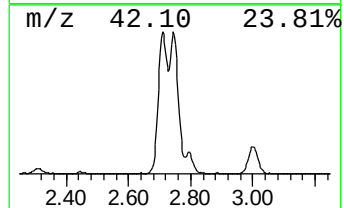
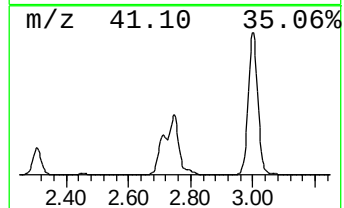
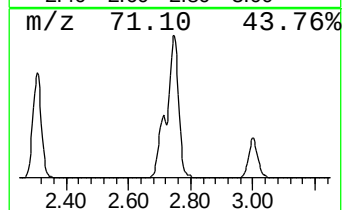
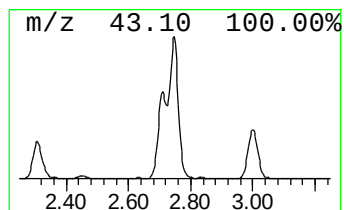
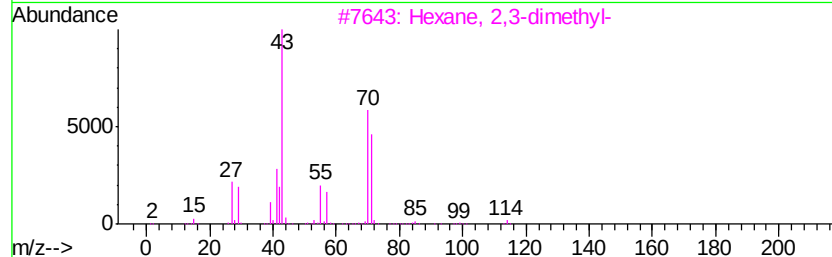
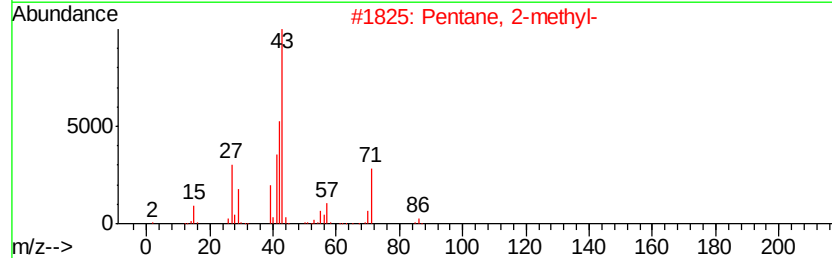
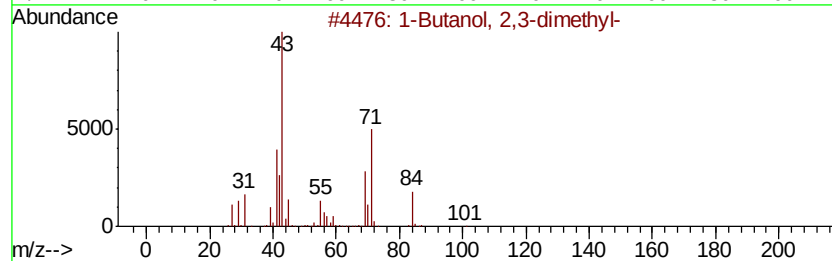
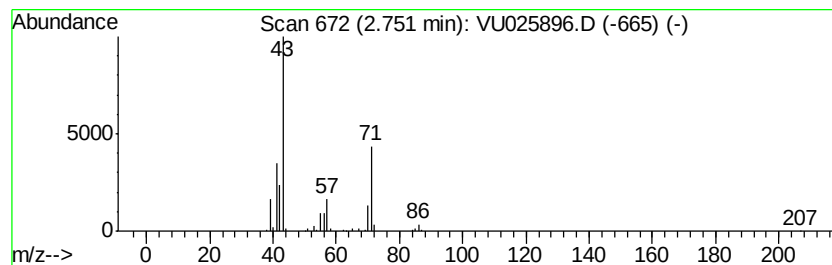
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

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

Peak Number 2 1-Butanol, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.75	12.83 ug/l	233648	Pentafluorobenzene	4.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	78
2		Pentane, 2-methyl-	86	C6H14	000107-83-5	64
3		Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	36
4		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	33
5		3-Pyrrolidinol	87	C4H9NO	040499-83-0	32



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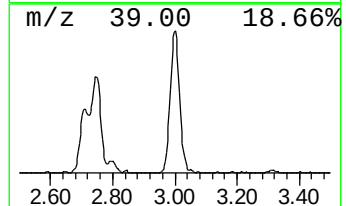
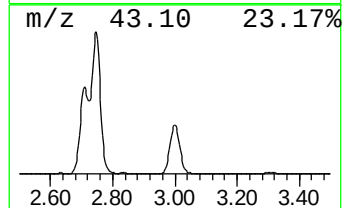
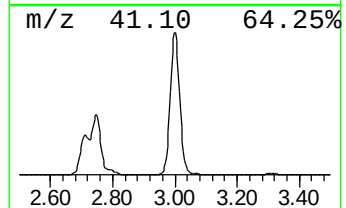
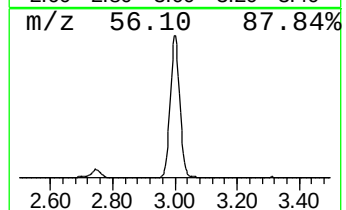
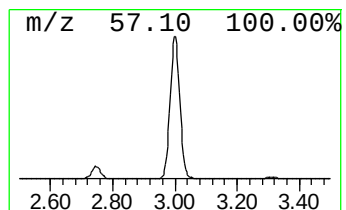
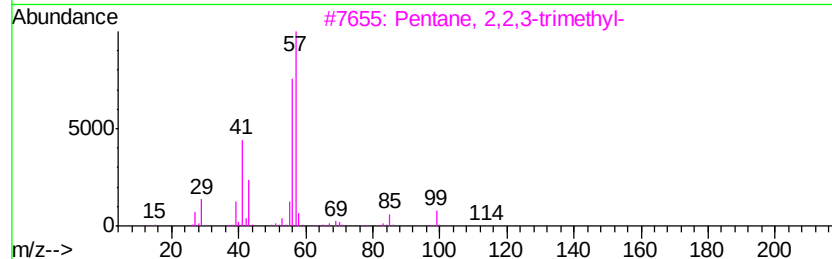
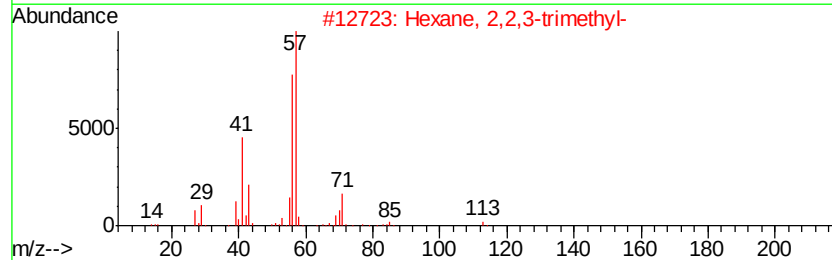
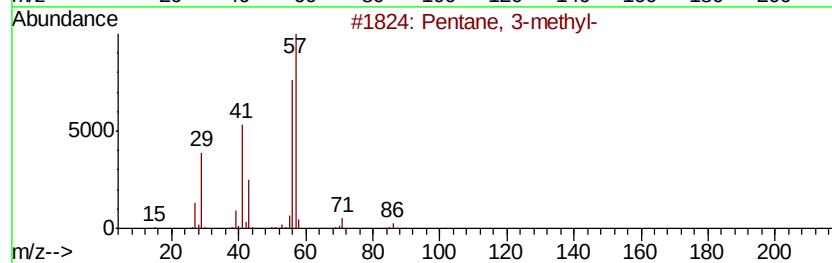
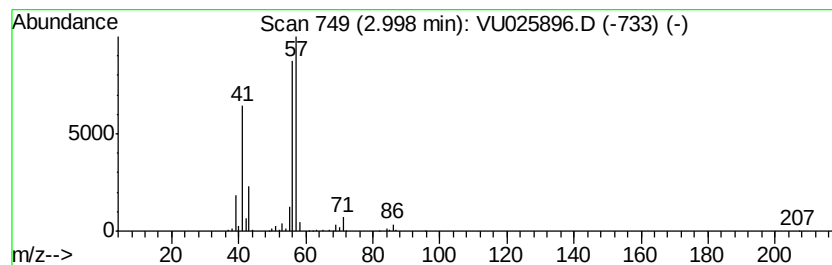
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	27.60 ug/l	502631	Pentafluorobenzene	4.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
3		Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	56
4		Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	56
5		Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	53



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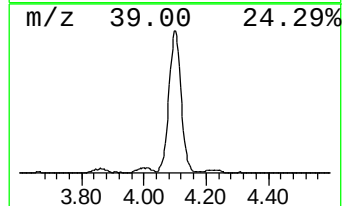
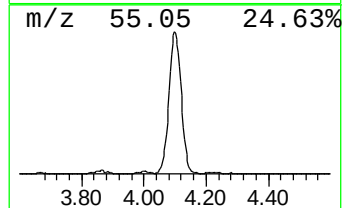
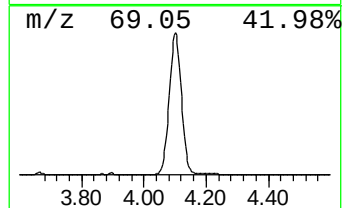
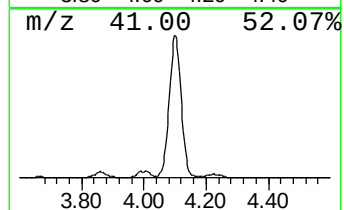
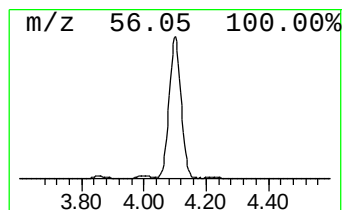
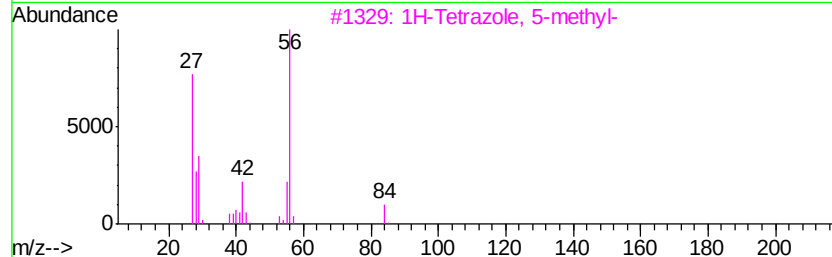
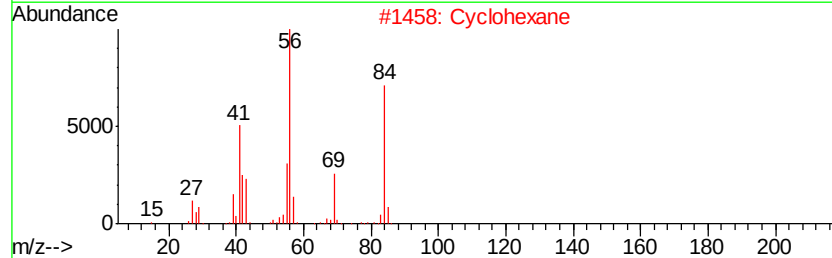
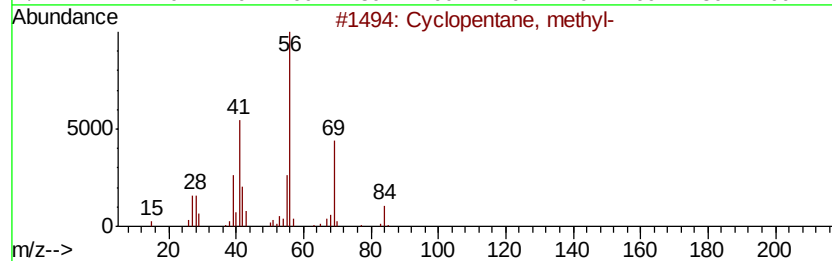
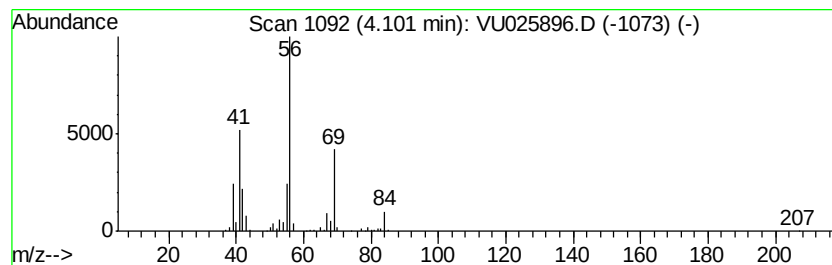
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Quant Title : SW846 8260

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	31.42 ug/l	572205	Pentafluorobenzene	4.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2		Cyclohexane	84	C6H12	000110-82-7	78
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	53



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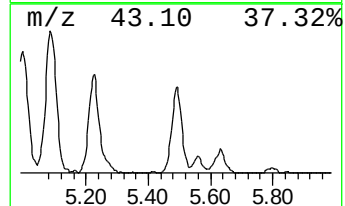
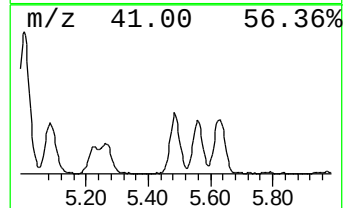
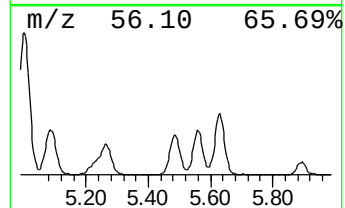
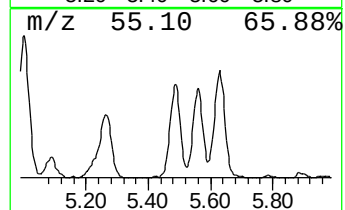
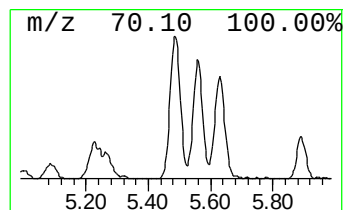
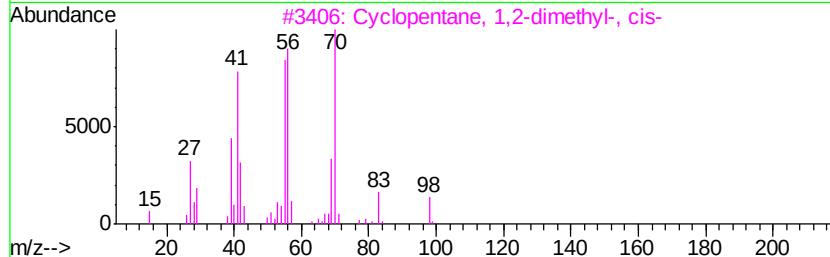
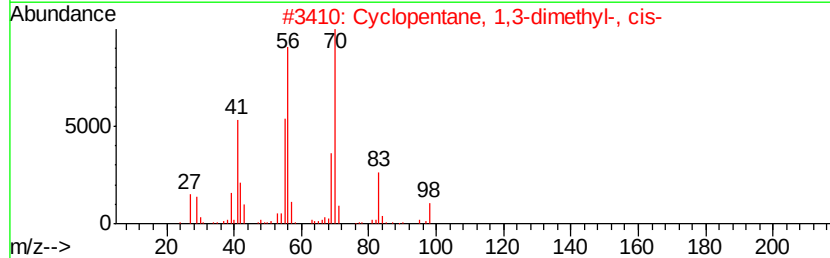
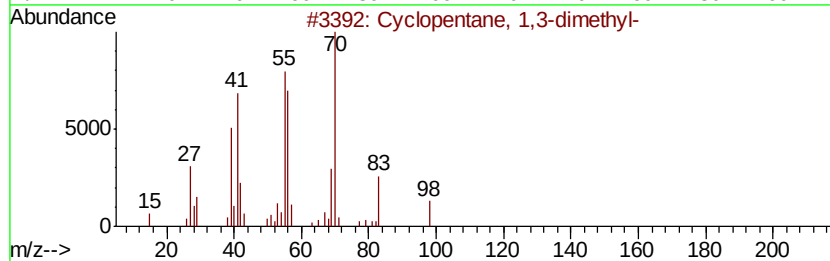
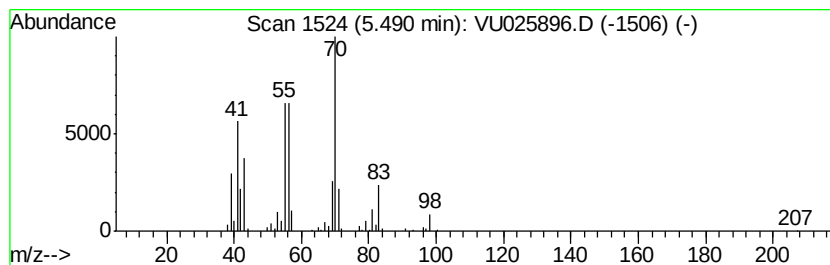
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Quant Title : SW846 8260

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

Peak Number 5 Cyclopentane, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.49	13.27 ug/l	180437	1,4-Difluorobenzene	5.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	81
2		Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	80
3		Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	64
4		1-Octene, 3-methyl-	126	C9H18	013151-08-1	59
5		1-Heptene, 5-methyl-	112	C8H16	013151-04-7	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU080618\
Data File : VU025896.D
Acq On : 06 Aug 2018 19:15
Operator : MD/SY
Sample : J4263-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FL-0521

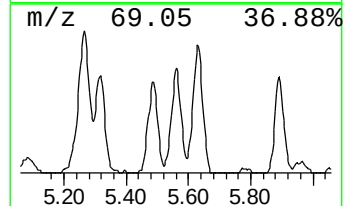
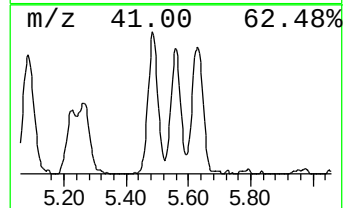
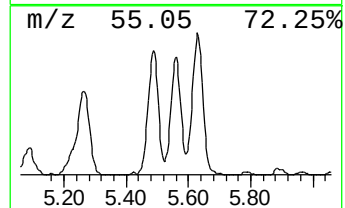
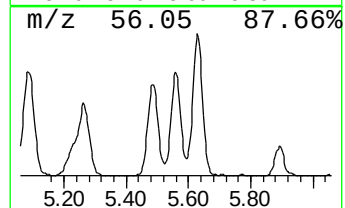
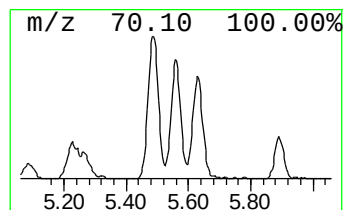
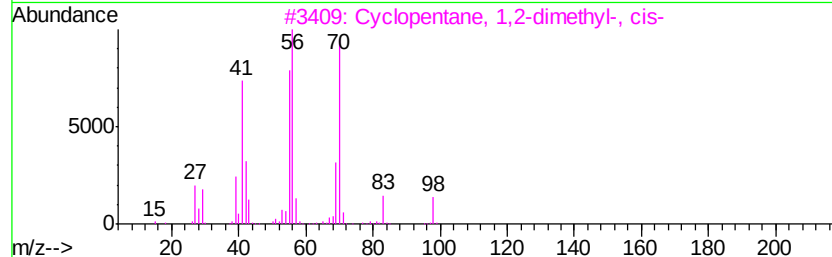
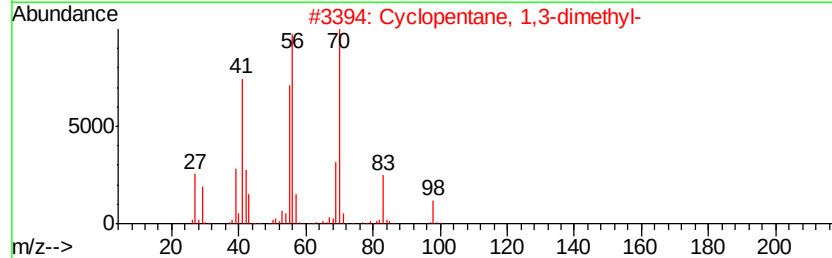
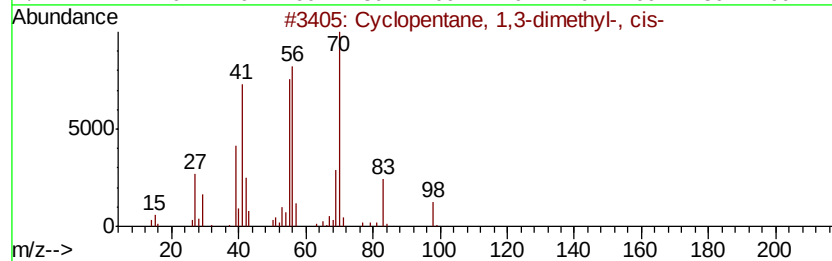
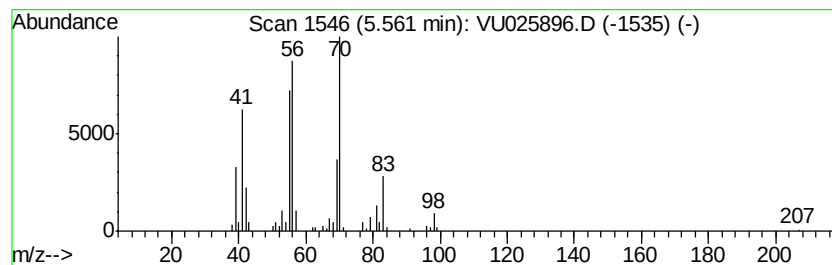
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Quant Title : SW846 8260

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	11.20 ug/l	152306	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	91
2		Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	90
3		Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	90
4		Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	83
5		1-Hexene, 3-methyl-	98	C7H14	003404-61-3	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU080618\
Data File : VU025896.D
Acq On : 06 Aug 2018 19:15
Operator : MD/SY
Sample : J4263-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
FL-0521

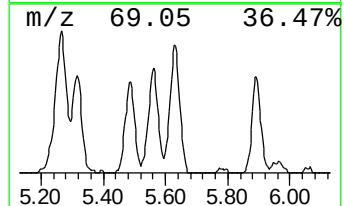
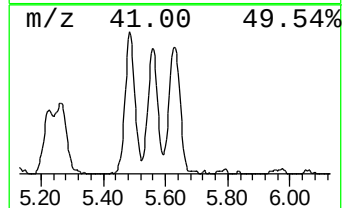
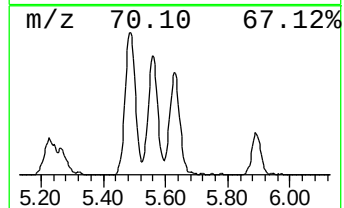
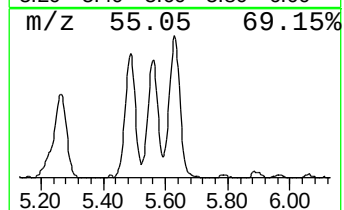
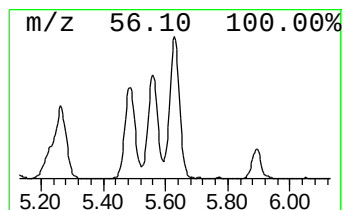
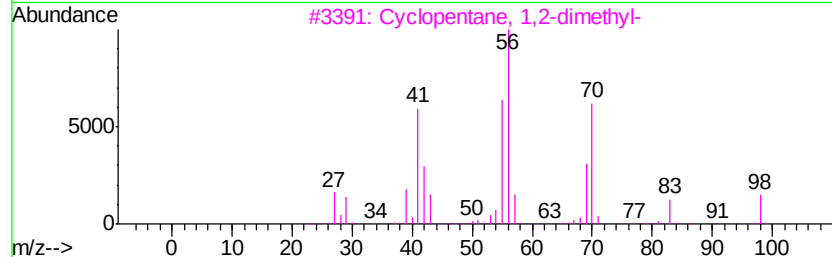
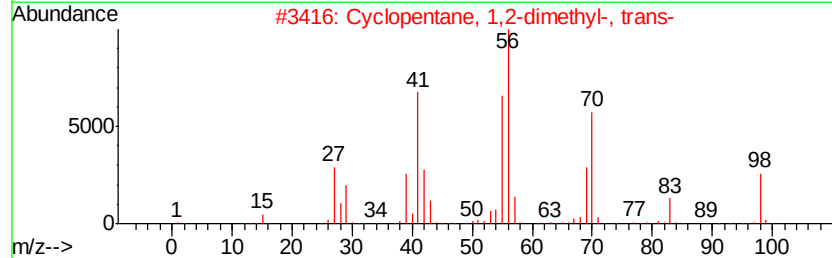
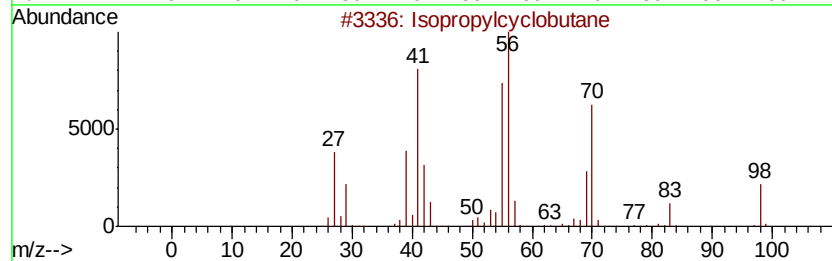
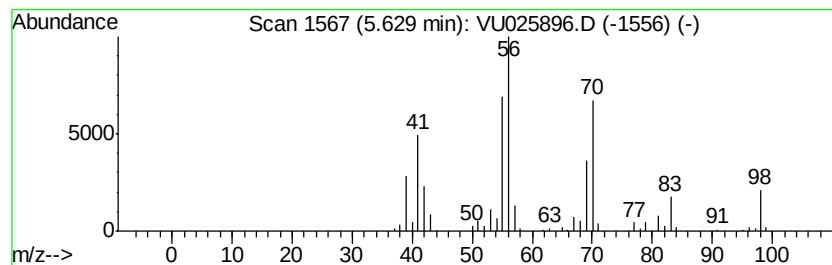
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Quant Title : SW846 8260

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

Peak Number 7 Isopropylcyclobutane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.63	13.41 ug/l	182334	1,4-Difluorobenzene	5.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		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	91
4		1-Heptene	98	C7H14	000592-76-7	80
5		Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU080618\
Data File : VU025896.D
Acq On : 06 Aug 2018 19:15
Operator : MD/SY
Sample : J4263-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

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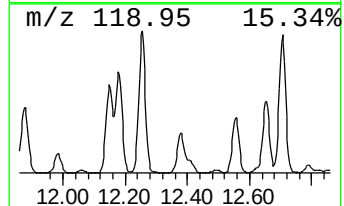
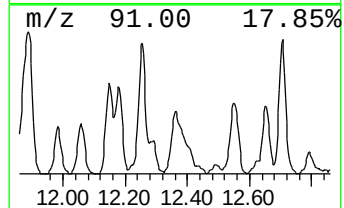
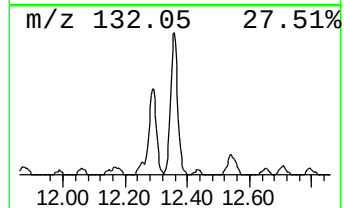
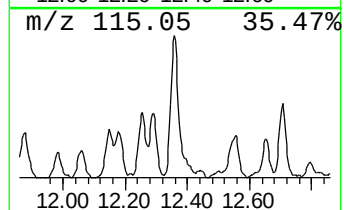
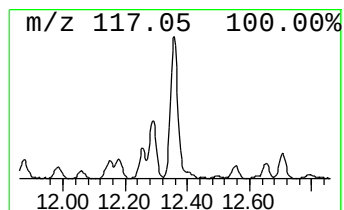
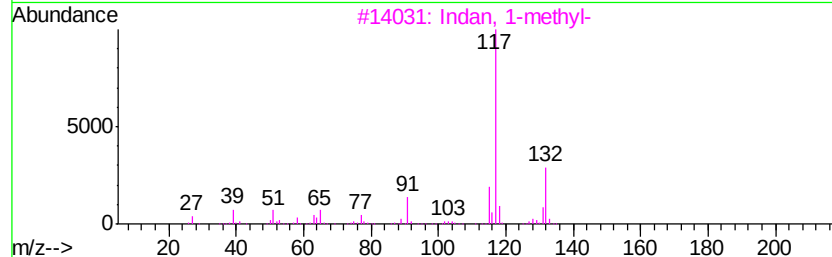
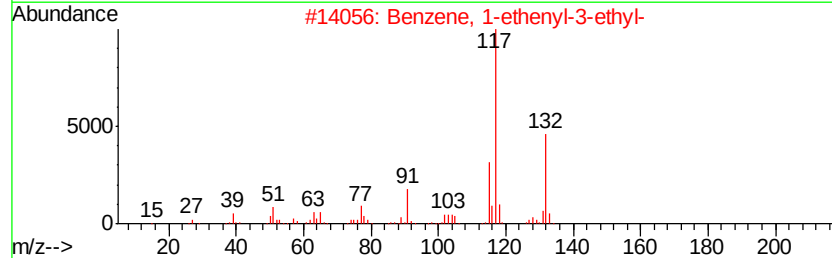
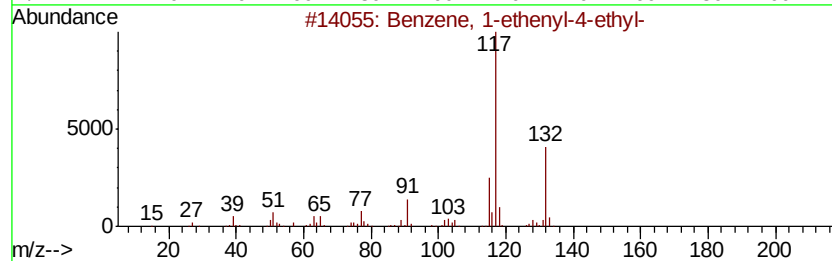
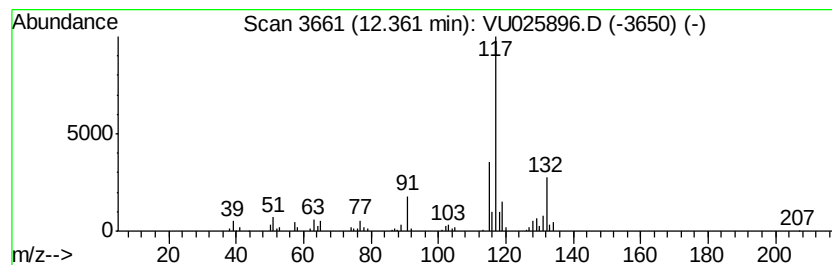
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	10.68 ug/l	232583	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
2		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
3		Indan, 1-methyl-	132	C10H12	000767-58-8	87
4		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	83
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU080618\
Data File : VU025896.D
Acq On : 06 Aug 2018 19:15
Operator : MD/SY
Sample : J4263-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

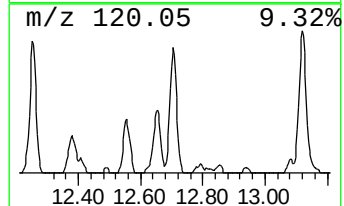
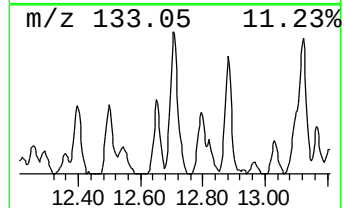
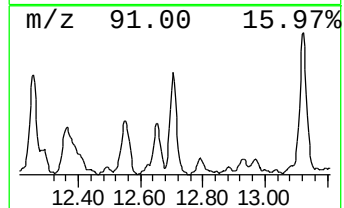
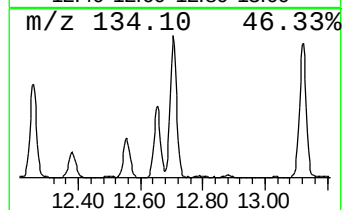
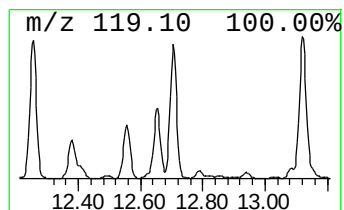
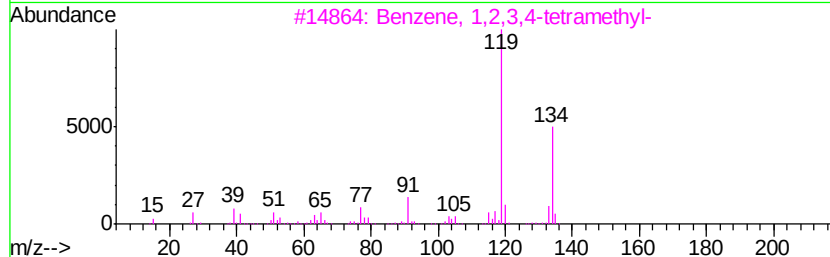
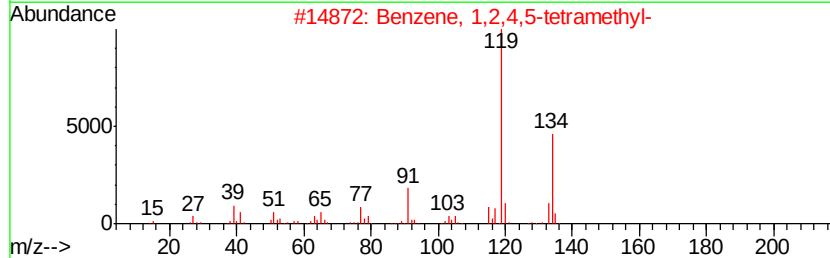
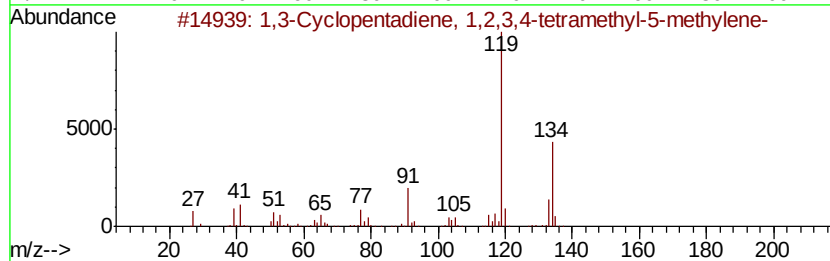
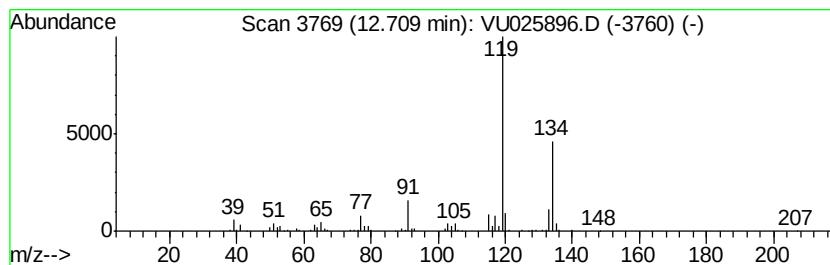
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

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

Peak Number 9 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.71	11.47 ug/l	249649	1,4-Dichlorobenzene-d4	11.49		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	97
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4		o-Cymene	134	C10H14	000527-84-4	95
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU080618\
Data File : VU025896.D
Acq On : 06 Aug 2018 19:15
Operator : MD/SY
Sample : J4263-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FL-0521

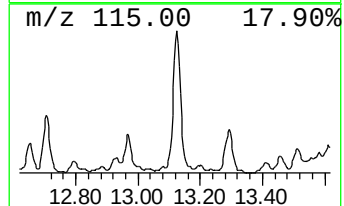
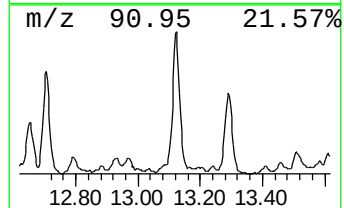
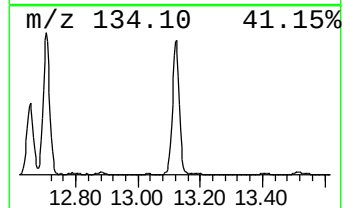
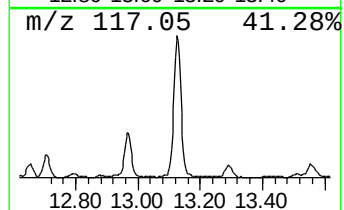
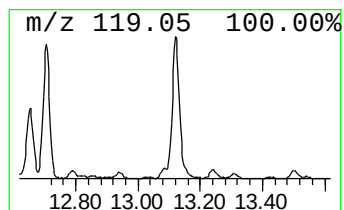
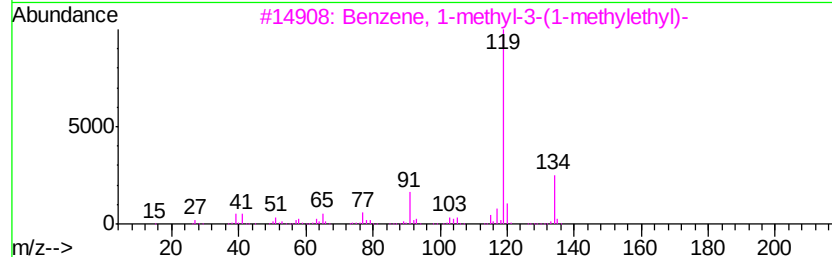
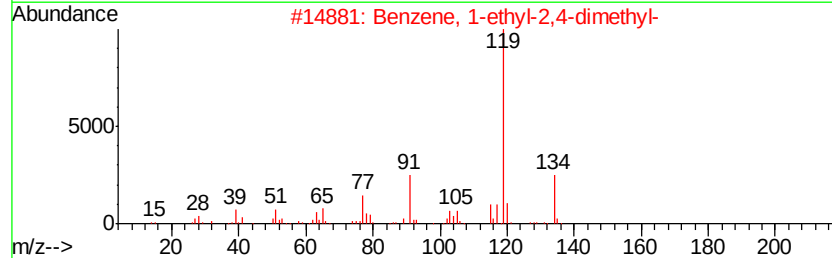
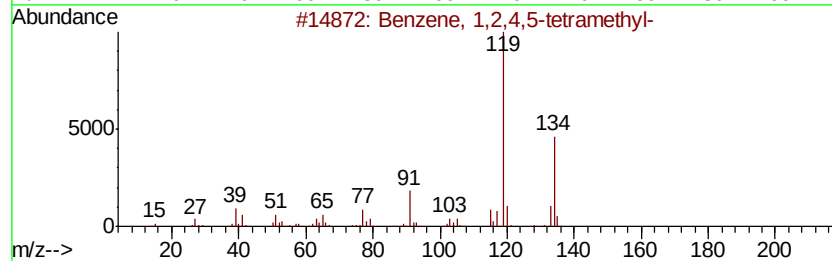
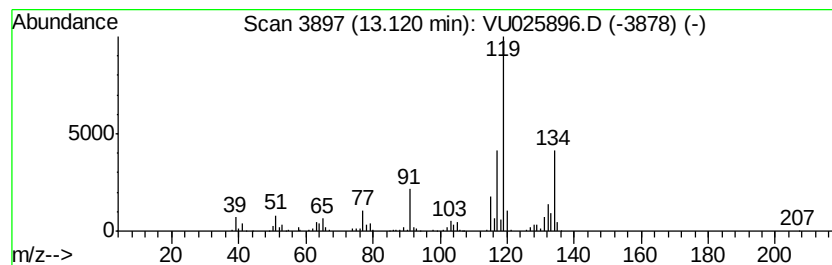
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

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

Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	20.09 ug/l	437340	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	91
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
3		Benzene, 1-methyl-3-(1-methylethyl-)	134	C10H14	000535-77-3	64
4		o-Cymene	134	C10H14	000527-84-4	64
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025896.D
Acq On : 06 Aug 2018 19:15
Operator : MD/SY
Sample : J4263-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FL-0521

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
1-Butanol, 2,3-di...	2.75	12.8	ug/l	233648	1	4.99	910509	50.0
Pentane, 3-methyl-	3.00	27.6	ug/l	502631	1	4.99	910509	50.0
Cyclopentane, met...	4.10	31.4	ug/l	572205	1	4.99	910509	50.0
Cyclopentane, 1,3...	5.49	13.3	ug/l	180437	2	5.89	679917	50.0
Cyclopentane, 1,3...	5.56	11.2	ug/l	152306	2	5.89	679917	50.0
Isopropylcyclobutane	5.63	13.4	ug/l	182334	2	5.89	679917	50.0
Benzene, 1-etheny...	12.36	10.7	ug/l	232583	4	11.49	1088720	50.0
1,3-Cyclopentadie...	12.71	11.5	ug/l	249649	4	11.49	1088720	50.0
Benzene, 1,2,4,5-...	13.12	20.1	ug/l	437340	4	11.49	1088720	50.0