

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070218\
 Data File : VU025170.D
 Acq On : 03 Jul 2018 03:25
 Operator : MD/SY
 Sample : J3809-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-7-062818

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\82U061318W.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	138	155	179	rBV	919615	1053746	91.88%	12.353%
2	2.313	523	536	550	rVB3	9833	24521	2.14%	0.287%
3	2.448	568	578	600	rVB	17155	33693	2.94%	0.395%
4	2.706	649	658	671	rVB7	6623	12141	1.06%	0.142%
5	3.005	738	751	768	rBV5	12504	27797	2.42%	0.326%
6	3.995	1044	1059	1079	rVB4	8055	22458	1.96%	0.263%
7	4.889	1320	1337	1353	rBV	168700	386597	33.71%	4.532%
8	4.988	1353	1368	1386	rVV	255768	566337	49.38%	6.639%
9	5.082	1386	1397	1415	rVB3	13938	34492	3.01%	0.404%
10	5.313	1454	1469	1494	rVB	180842	385338	33.60%	4.517%
11	5.542	1521	1540	1563	rVB2	51671	125886	10.98%	1.476%
12	5.892	1635	1649	1670	rBV	349603	694086	60.52%	8.137%
13	6.590	1859	1866	1882	rVB4	5922	12323	1.07%	0.144%
14	6.741	1899	1913	1927	rVB5	9407	20846	1.82%	0.244%
15	6.931	1958	1972	1987	rVB2	46599	92594	8.07%	1.085%
16	7.053	1996	2010	2024	rBV	76152	154413	13.46%	1.810%
17	7.570	2146	2171	2204	rBV	643372	1146819	100.00%	13.444%
18	7.866	2248	2263	2275	rBV	130357	229951	20.05%	2.696%
19	7.959	2275	2292	2306	rVV	113982	209289	18.25%	2.453%
20	8.046	2306	2319	2327	rVB7	6955	14311	1.25%	0.168%
21	8.101	2327	2336	2344	rBV2	7199	11535	1.01%	0.135%
22	8.493	2445	2458	2472	rBV8	7065	14495	1.26%	0.170%
23	9.094	2632	2645	2664	rBV	502958	826336	72.05%	9.687%
24	9.365	2719	2729	2746	rVB	4570	13139	1.15%	0.154%
25	10.310	3011	3023	3041	rBV	492357	784196	68.38%	9.193%
26	11.487	3376	3389	3409	rBV	550206	876906	76.46%	10.280%
27	11.692	3443	3453	3460	rBV4	8143	11502	1.00%	0.135%
28	11.786	3468	3482	3497	rVB	112067	175654	15.32%	2.059%
29	11.869	3497	3508	3520	rVB	41903	63249	5.52%	0.741%
30	12.065	3558	3569	3580	rBV2	38035	60409	5.27%	0.708%
31	12.290	3629	3639	3650	rBV2	30493	48451	4.22%	0.568%
32	12.358	3650	3660	3679	rVV2	45569	93917	8.19%	1.101%
33	12.541	3708	3717	3725	rVB	14652	21728	1.89%	0.255%
34	12.792	3782	3795	3809	rVB3	24288	38328	3.34%	0.449%

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Integration Parameters: RTEINT.P

Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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Title : SW846 8260

35	12.924	3823	3836	3844	rBV3	19599	35230	3.07%	0.413%
36	13.001	3854	3860	3869	rVB	13142	18790	1.64%	0.220%
37	13.197	3912	3921	3930	rVB5	8597	14102	1.23%	0.165%
38	13.458	3994	4002	4013	rVB3	16713	25441	2.22%	0.298%
39	13.583	4025	4041	4044	rBV2	25865	52493	4.58%	0.615%
40	13.612	4045	4050	4064	rVB	50169	77818	6.79%	0.912%
41	13.956	4149	4157	4168	rVB4	11776	19138	1.67%	0.224%

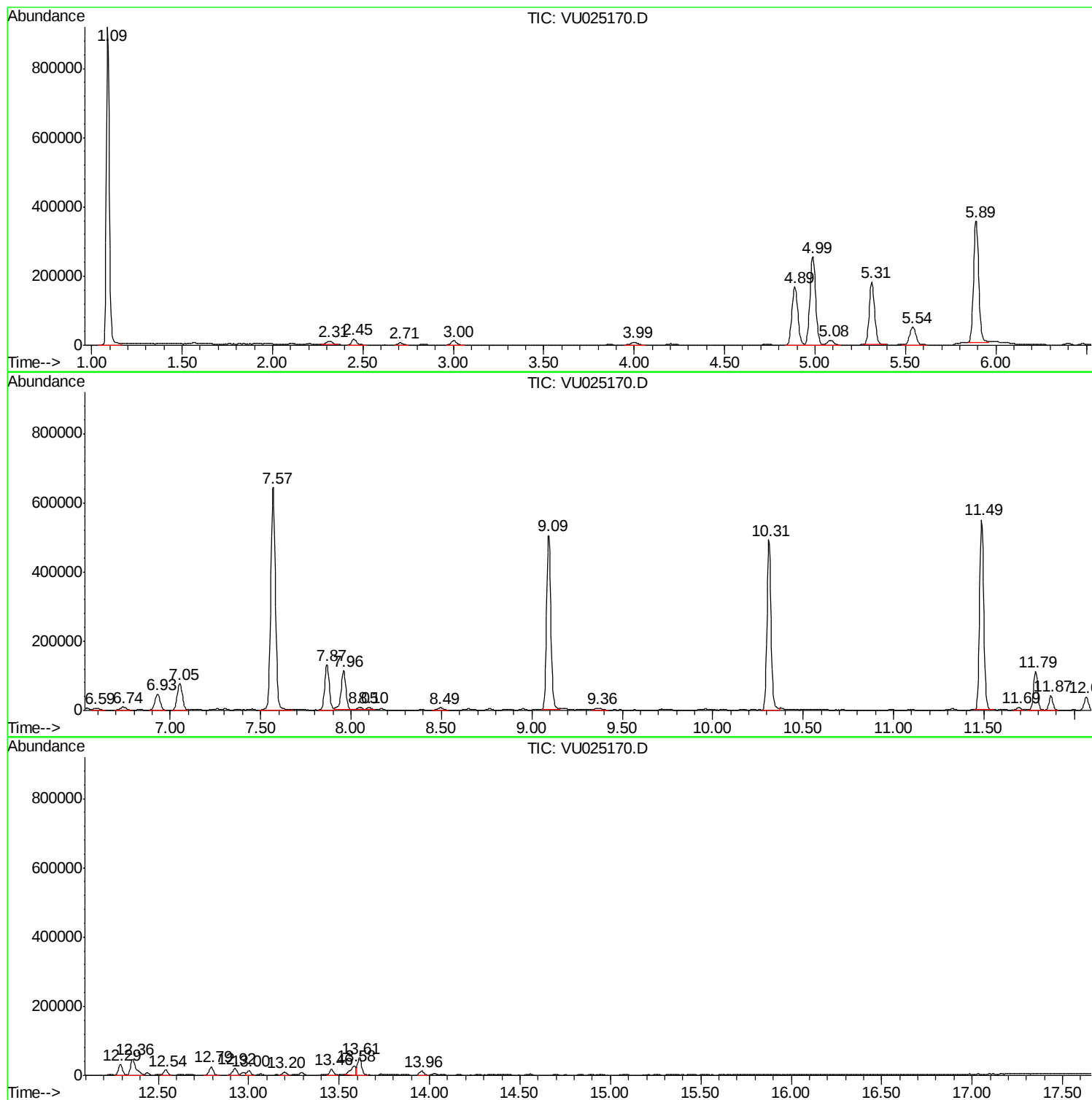
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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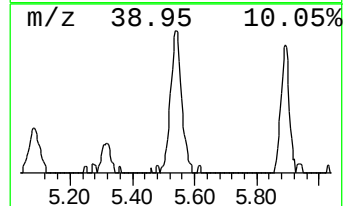
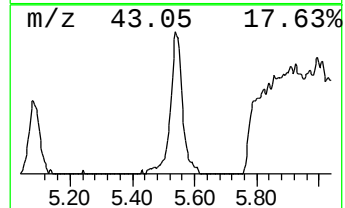
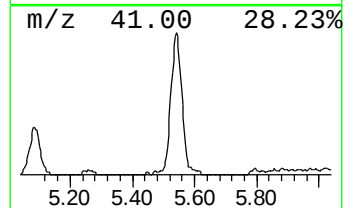
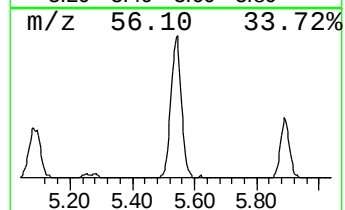
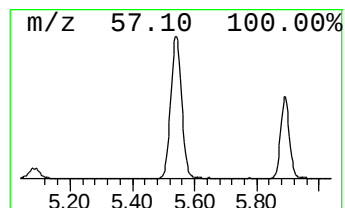
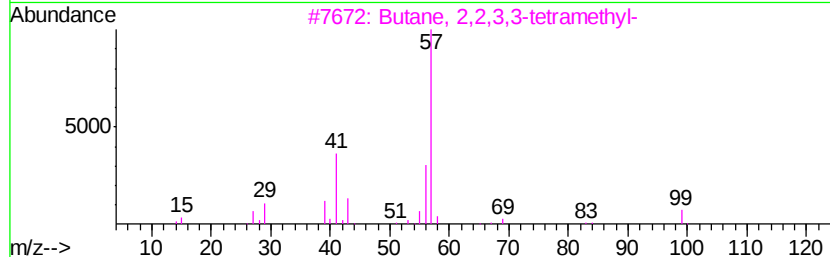
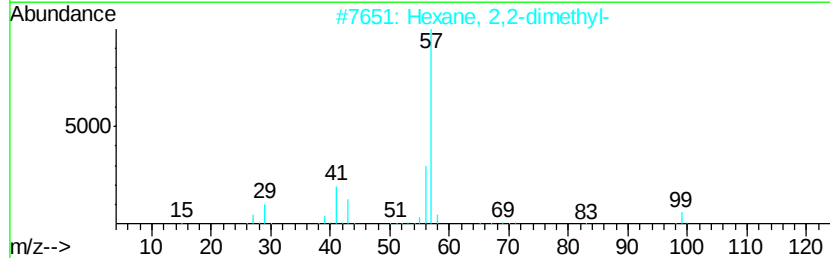
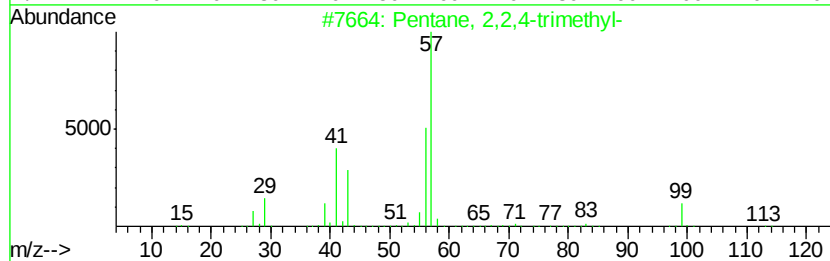
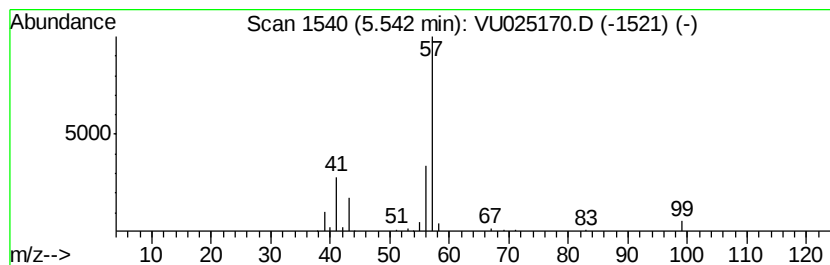
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.54	9.07 ug/l	125886	1,4-Difluorobenzene	5.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	78
2		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	78
3		Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
4		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64
5		Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	50



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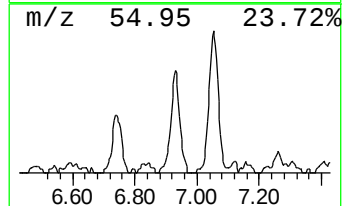
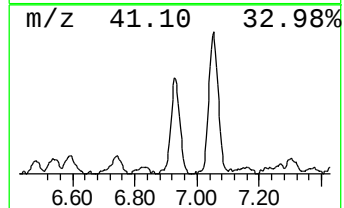
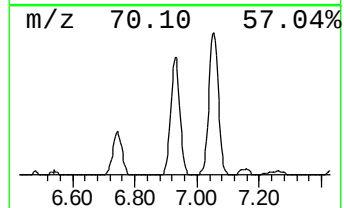
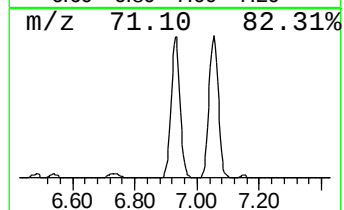
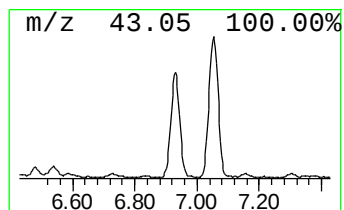
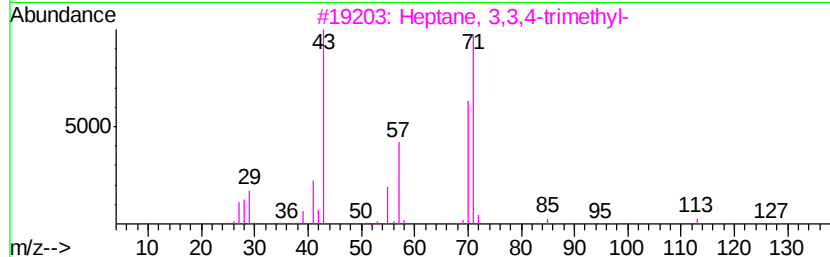
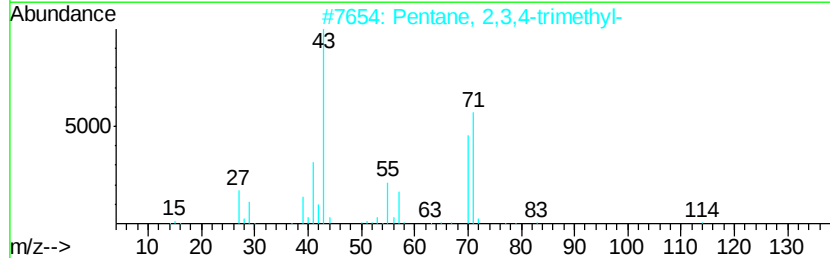
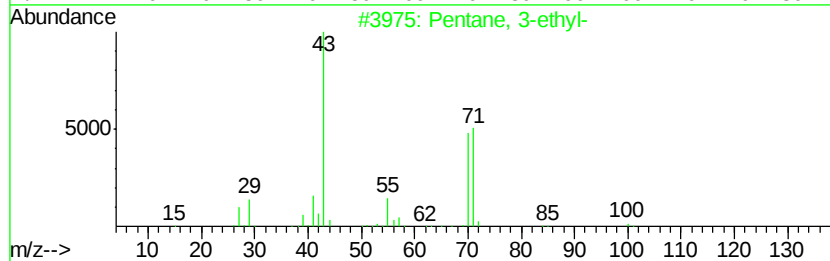
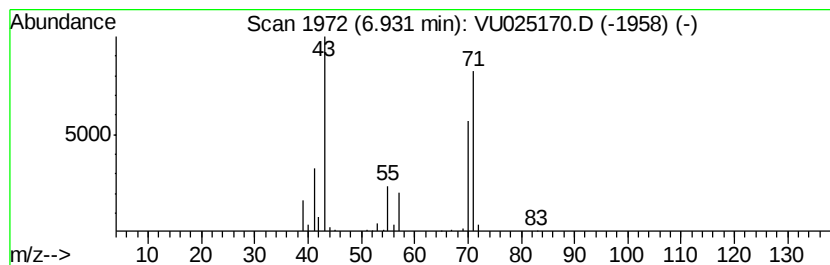
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Peak Number 3 Pentane, 3-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	6.67 ug/l	92594	1,4-Difluorobenzene	5.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
2		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	83
3		Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	64
4		Ethanedioic acid, bis(3-methylbu...	230	C12H22O4	002051-00-5	56
5		Butane, 2-bromo-2-methyl-	150	C5H11Br	000507-36-8	53



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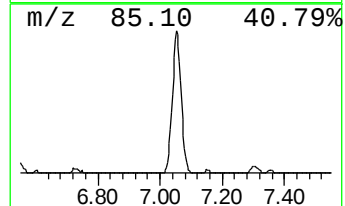
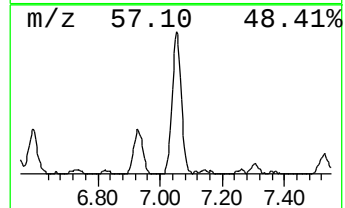
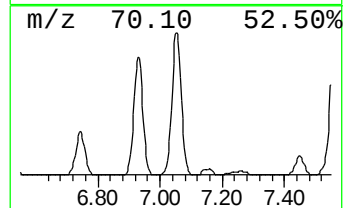
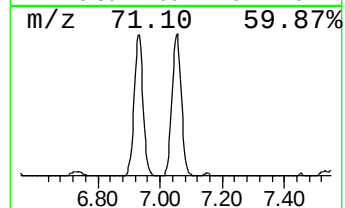
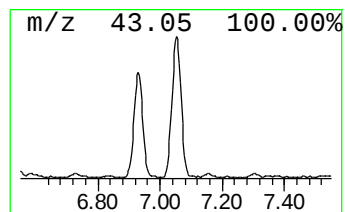
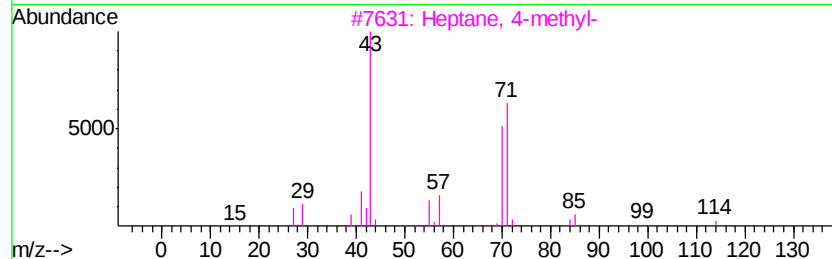
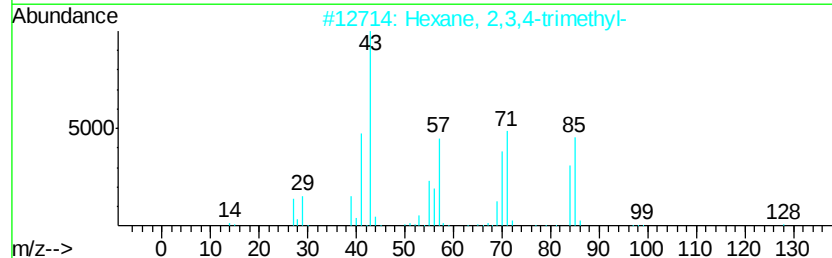
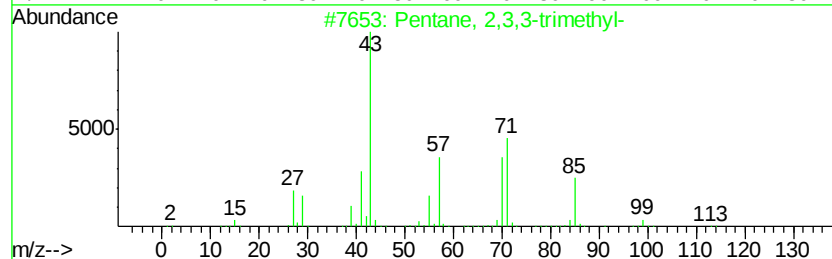
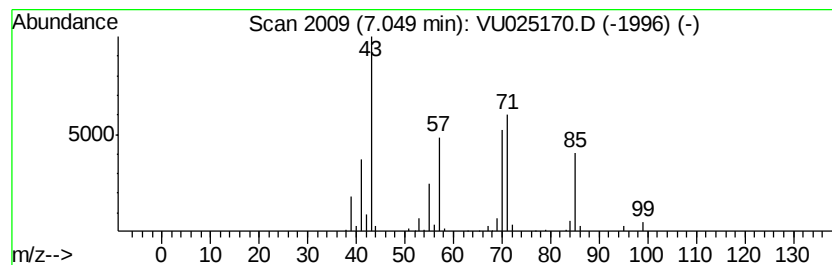
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	11.12 ug/l	154413	1,4-Difluorobenzene	5.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	78
3		Heptane, 4-methyl-	114	C8H18	000589-53-7	53
4		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	50
5		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	50



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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 42 Sample Multiplier: 1

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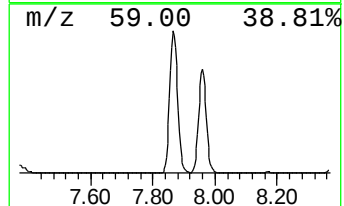
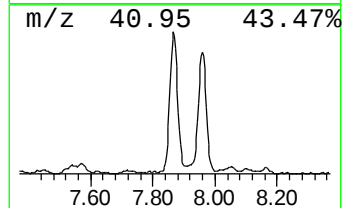
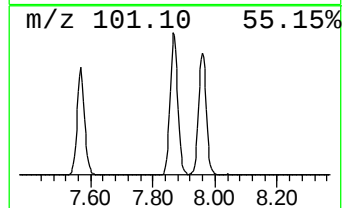
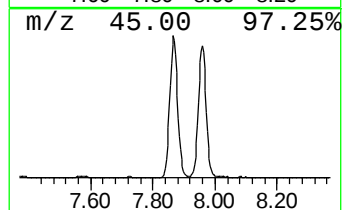
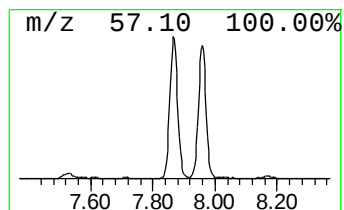
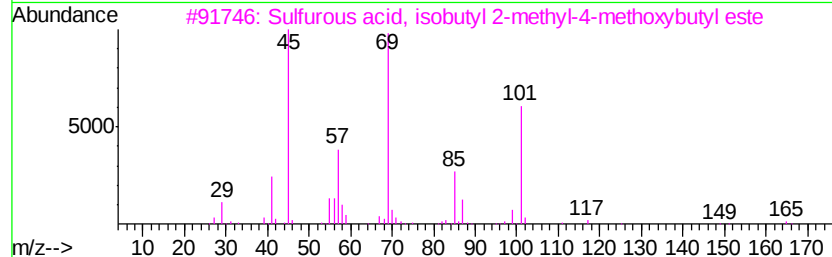
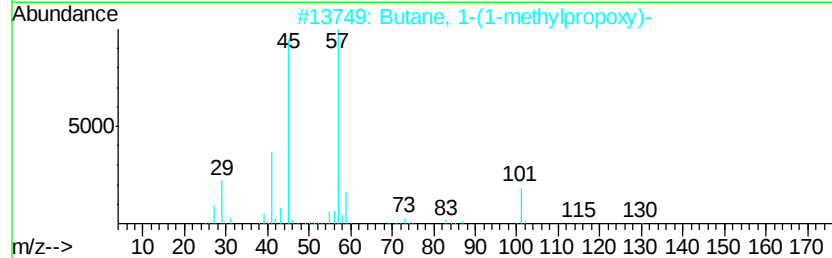
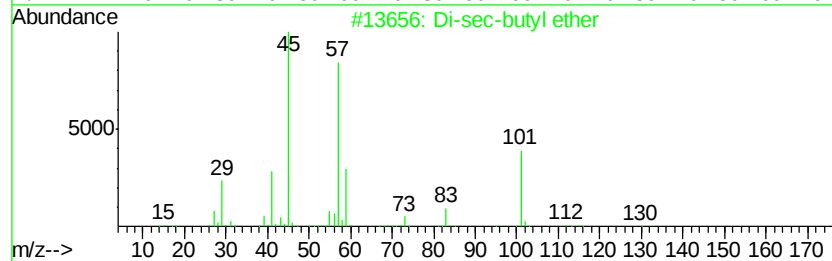
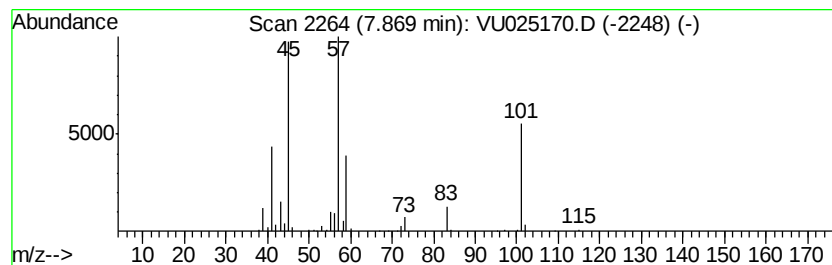
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Di-sec-butyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	13.91 ug/l	229951	Chlorobenzene-d5	9.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Di-sec-butyl ether	130	C8H18O	006863-58-7	90
2		Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	47
3		Sulfurous acid, isobutyl 2-methyl-...	238	C10H22O4S	1000309-20-3	40
4		3-Pentanol, 3-ethyl-2-methyl-	130	C8H18O	000597-05-7	36
5		2-Hydroxy-3-pentanone	102	C5H10O2	005704-20-1	36



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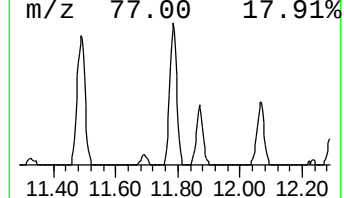
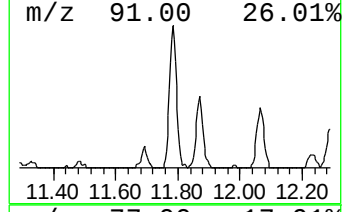
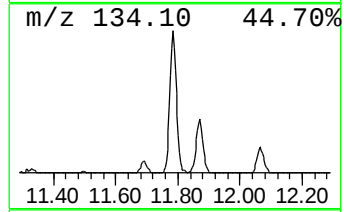
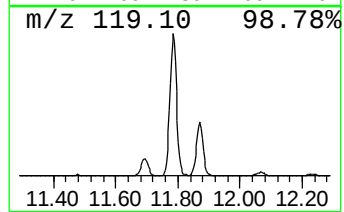
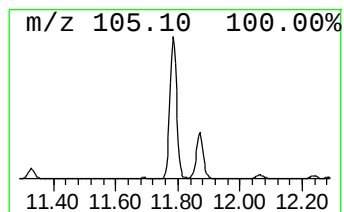
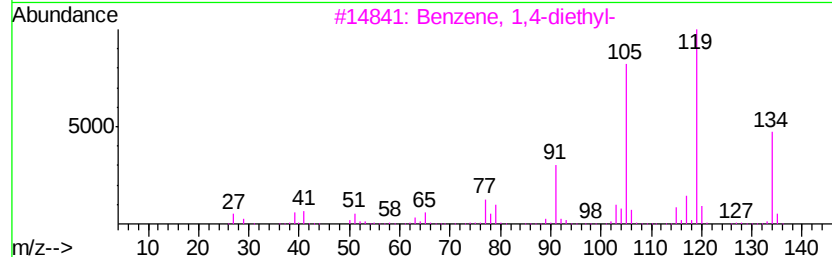
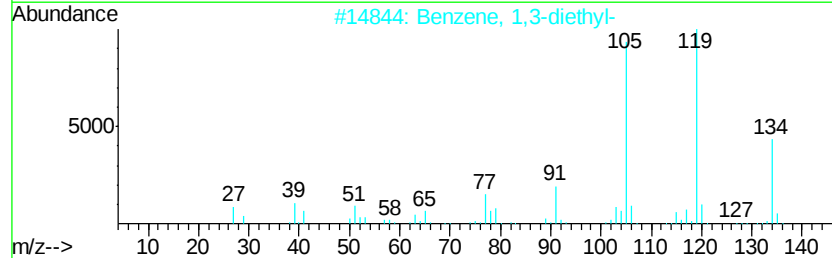
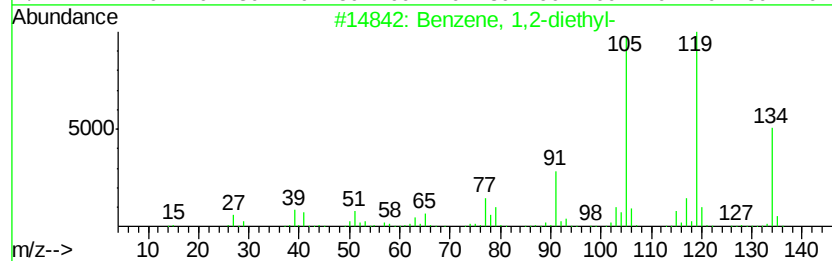
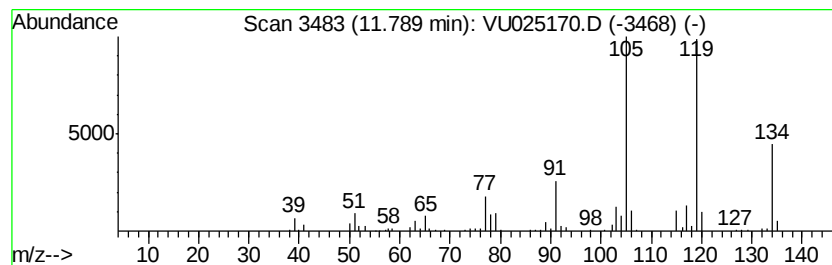
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 1,2-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.79	10.02 ug/l	175654	1,4-Dichlorobenzene-d4	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU070218\
Data File : VU025170.D
Acq On : 03 Jul 2018 03:25
Operator : MD/SY
Sample : J3809-07
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-7-062818

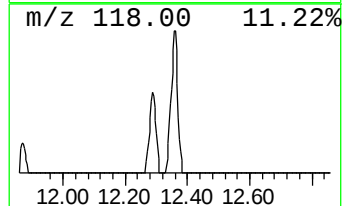
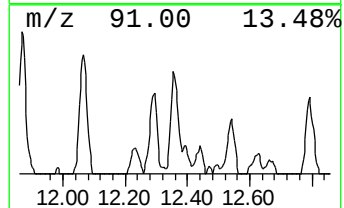
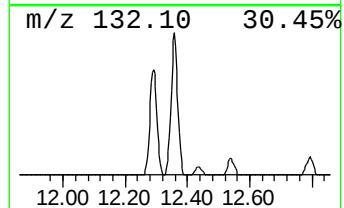
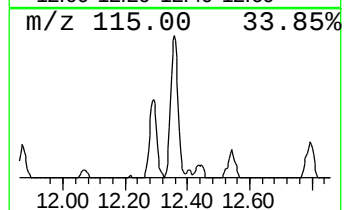
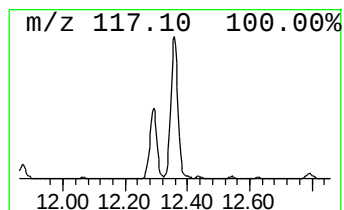
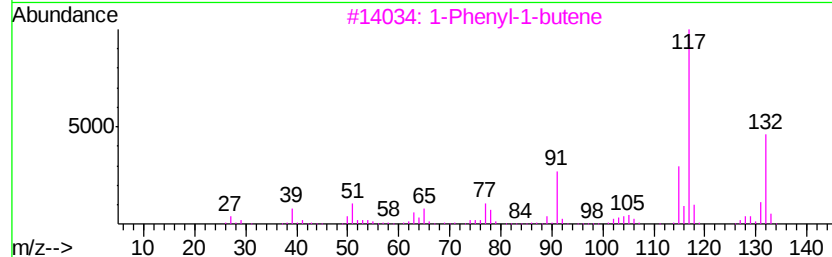
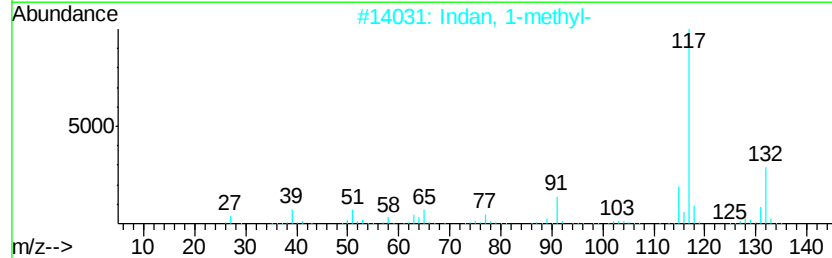
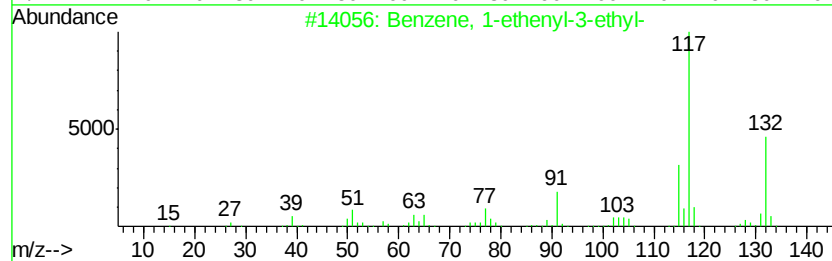
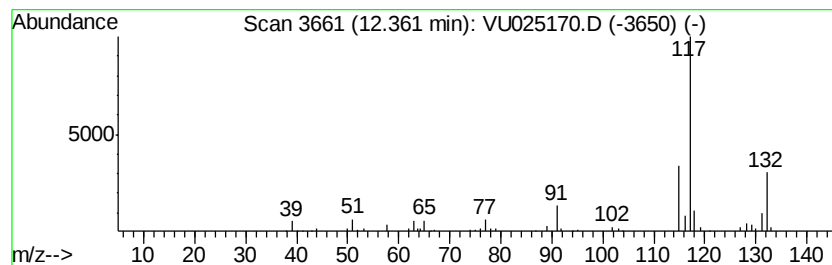
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	5.36 ug/l	93917	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2		Indan, 1-methyl-	132	C10H12	000767-58-8	90
3		1-Phenyl-1-butene	132	C10H12	000824-90-8	87
4		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	86
5		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU070218\
Data File : VU025170.D
Acq On : 03 Jul 2018 03:25
Operator : MD/SY
Sample : J3809-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-7-062818

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.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, 2,2,4-tr...	5.54	9.1	ug/l	125886	2	5.89	694086	50.0
Pentane, 3-ethyl-	6.93	6.7	ug/l	92594	2	5.89	694086	50.0
Pentane, 2,3,3-tr...	7.05	11.1	ug/l	154413	2	5.89	694086	50.0
Di-sec-butyl ether	7.87	13.9	ug/l	229951	3	9.09	826336	50.0
Benzene, 1,2-diet...	11.79	10.0	ug/l	175654	4	11.49	876906	50.0
Benzene, 1-etheny...	12.36	5.4	ug/l	93917	4	11.49	876906	50.0