

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082118\
 Data File : VD059862.D
 Acq On : 21 Aug 2018 18:15
 Operator : JC/SY
 Sample : J4535-12
 Misc : 5.06g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081618-FL-044

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_D\METHOD\82D082018S.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	1.198	96	99	102	rBV	1225168	2557642	64.51%	7.846%
2	1.267	102	106	125	rVB	1206085	3964668	100.00%	12.162%
3	2.576	235	239	249	rBV	119353	342291	8.63%	1.050%
4	3.038	281	286	292	rBV	56410	135330	3.41%	0.415%
5	4.495	427	434	441	rBV4	10747	40811	1.03%	0.125%
6	4.800	458	465	478	rBV	167605	529680	13.36%	1.625%
7	5.508	531	537	542	rBV	598412	1613307	40.69%	4.949%
8	5.607	542	547	562	rVB	923351	2598846	65.55%	7.973%
9	5.981	579	585	597	rBV	488612	1247192	31.46%	3.826%
10	6.177	597	605	615	rVB	171322	545610	13.76%	1.674%
11	6.660	647	654	669	rBV	1197940	3077040	77.61%	9.439%
12	7.299	714	719	722	rVV	83993	219349	5.53%	0.673%
13	7.358	722	725	730	rVV	55892	154455	3.90%	0.474%
14	7.447	730	734	743	rVV	18232	54449	1.37%	0.167%
15	7.644	746	754	762	rVB5	19511	75164	1.90%	0.231%
16	7.860	769	776	787	rBV	222134	630382	15.90%	1.934%
17	8.037	787	794	804	rBV	193862	619203	15.62%	1.900%
18	8.342	818	825	830	rBV	27880	76644	1.93%	0.235%
19	8.431	830	834	840	rVB2	19249	50633	1.28%	0.155%
20	8.618	848	853	855	rVV	187264	462283	11.66%	1.418%
21	8.677	855	859	874	rVB	1485408	3490879	88.05%	10.709%
22	9.169	903	909	915	rBV3	16680	50685	1.28%	0.155%
23	9.445	930	937	946	rBV2	149476	558213	14.08%	1.712%
24	9.563	946	949	954	rBV	24301	54454	1.37%	0.167%
25	9.700	960	963	968	rVB4	39273	98314	2.48%	0.302%
26	9.868	974	980	987	rBV	83686	261641	6.60%	0.803%
27	9.956	987	989	998	rVB5	12289	40300	1.02%	0.124%
28	10.104	998	1004	1007	rBV2	49575	143450	3.62%	0.440%
29	10.153	1007	1009	1016	rVB5	27815	64278	1.62%	0.197%
30	10.399	1030	1034	1038	rVV	41182	80066	2.02%	0.246%
31	10.665	1056	1061	1065	rVV	1657915	3093954	78.04%	9.491%
32	10.724	1065	1067	1071	rVV	75635	172492	4.35%	0.529%
33	10.783	1071	1073	1076	rVV	32207	57136	1.44%	0.175%
34	10.852	1076	1080	1085	rVV	65056	142223	3.59%	0.436%

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RA-081618-FL-044

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

Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082018S.M
Title : SW846 8260

35	10.980	1087	1093	1099	rVB6	23483	74012	1.87%	0.227%
36	11.078	1099	1103	1110	rVB	58355	107009	2.70%	0.328%
37	11.334	1125	1129	1133	rBV2	52290	110667	2.79%	0.339%
38	11.492	1143	1145	1147	rBV2	31588	42975	1.08%	0.132%
39	11.531	1147	1149	1151	rVV2	25282	41523	1.05%	0.127%
40	11.659	1156	1162	1163	rVV5	18554	49148	1.24%	0.151%
41	11.915	1184	1188	1194	rBV	1316814	2232781	56.32%	6.850%
42	12.072	1200	1204	1211	rVB2	97826	238341	6.01%	0.731%
43	12.328	1226	1230	1234	rVB3	23528	47747	1.20%	0.146%
44	12.889	1283	1287	1293	rBV	1754362	2292919	57.83%	7.034%
45	13.499	1345	1349	1353	rVB2	35186	57350	1.45%	0.176%

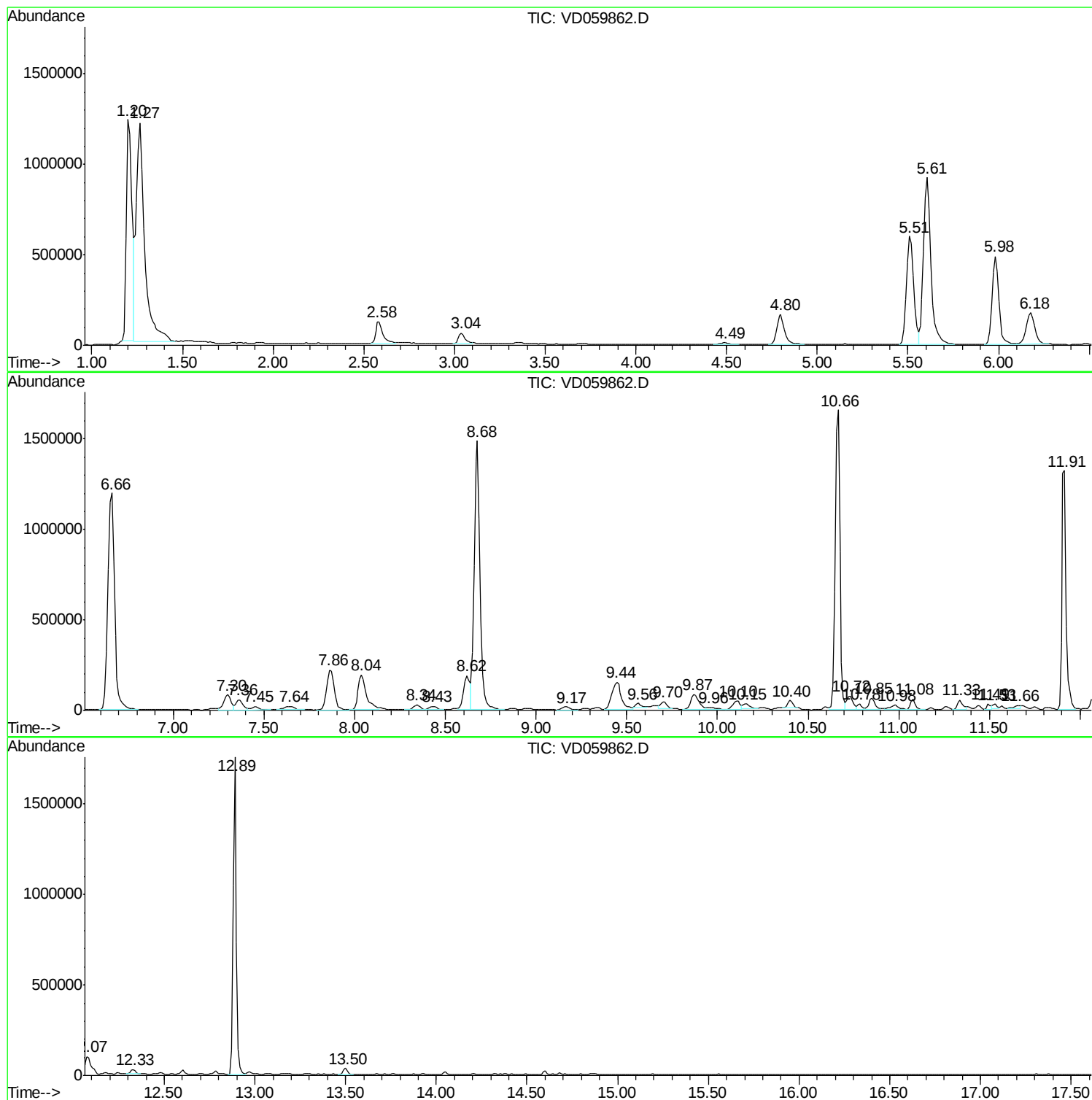
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082018S.M
Quant Title : SW846 8260

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



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RA-081618-FL-044

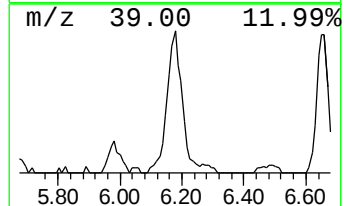
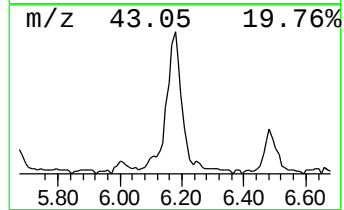
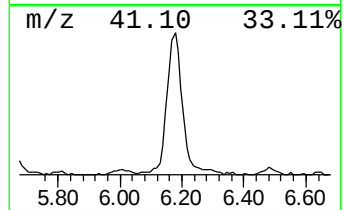
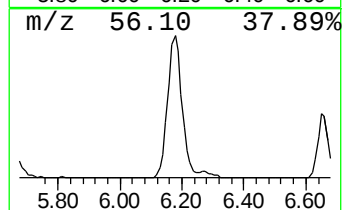
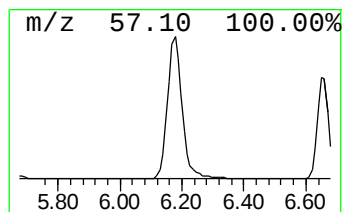
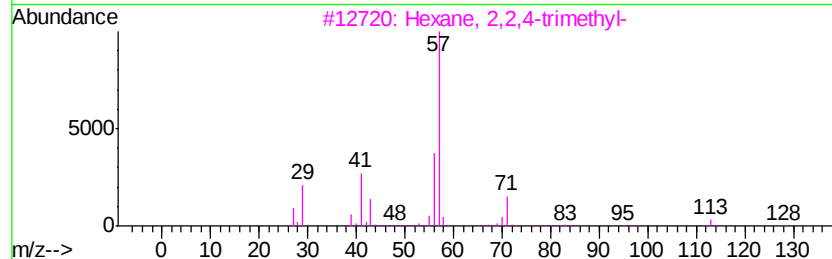
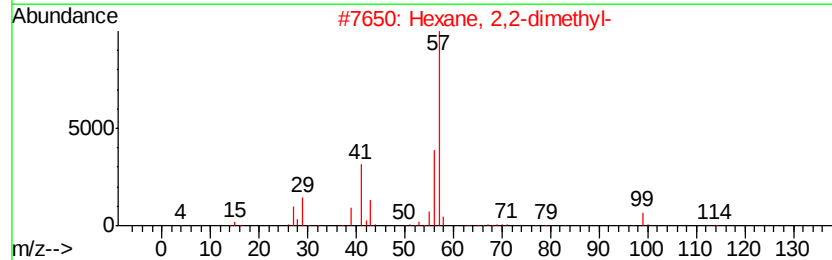
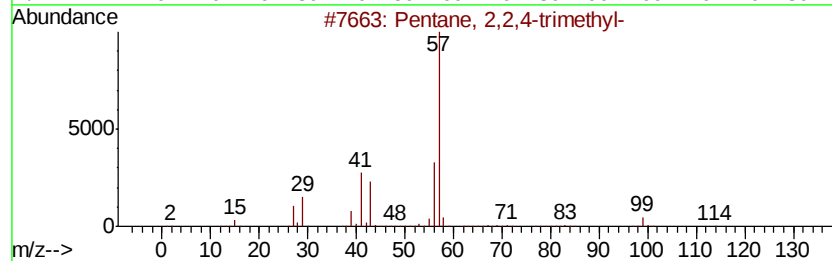
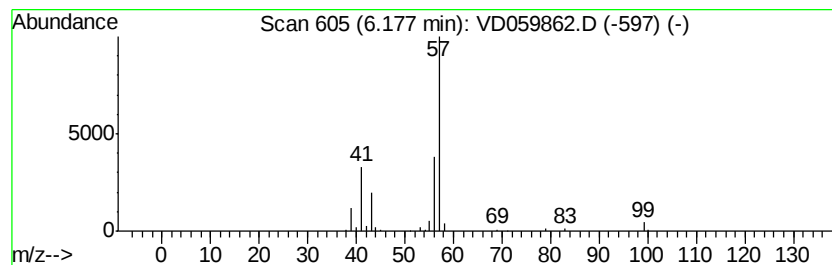
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082018S.M
Quant Title : SW846 8260

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

Peak Number 3 Pentane, 2,2,4-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.18	8.87 ug/l	545610	1,4-Difluorobenzene	6.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
2		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
3		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59
4		Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	50
5		Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	45



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Instrument :
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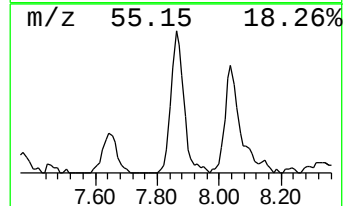
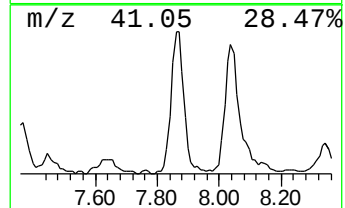
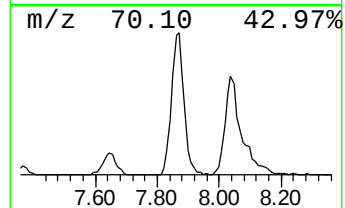
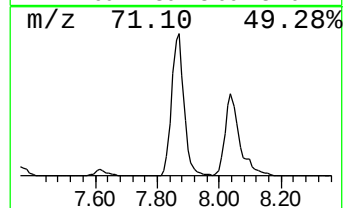
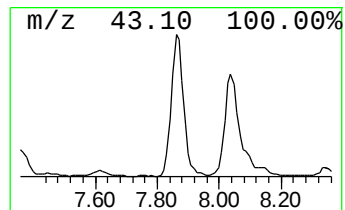
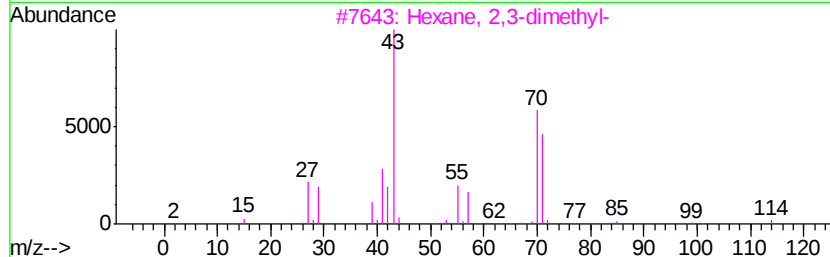
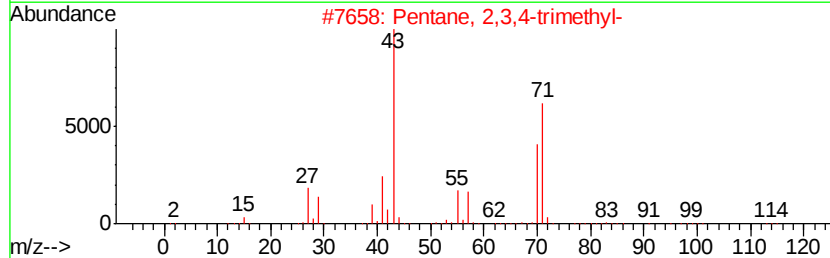
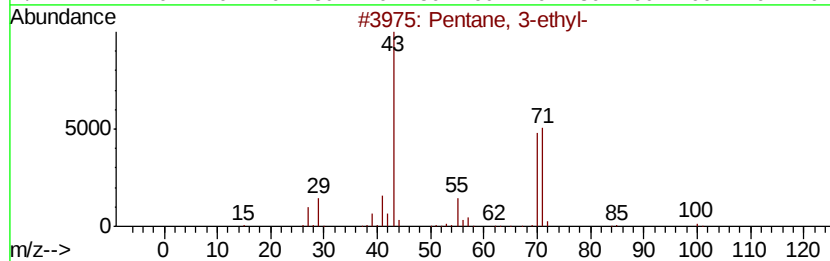
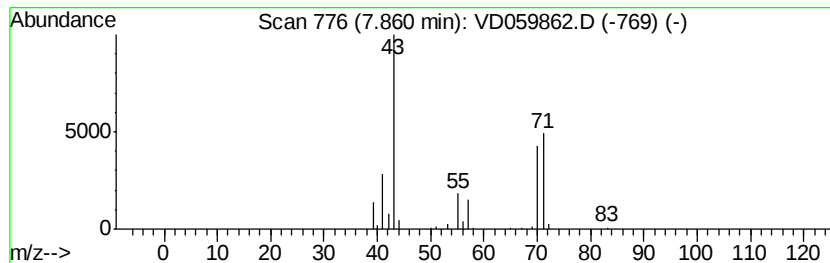
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082018S.M
Quant Title : SW846 8260

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

Peak Number 4 Pentane, 3-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	10.24 ug/l	630382	1,4-Difluorobenzene	6.66

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		Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	74
4		Ethanedioic acid, bis(3-methylbu...	230	C12H22O4	002051-00-5	42
5		1-Butanol, 2-methyl-, acetate	130	C7H14O2	000624-41-9	33



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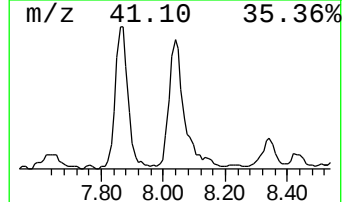
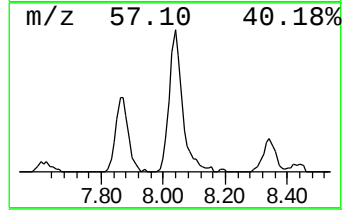
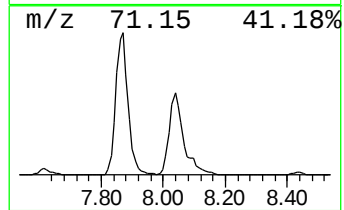
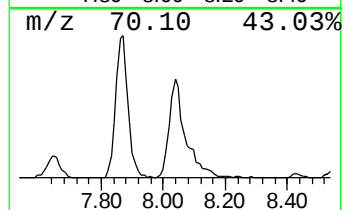
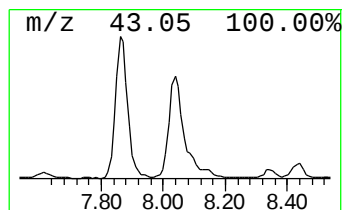
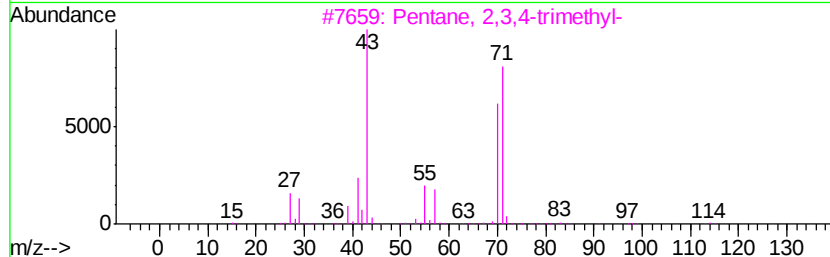
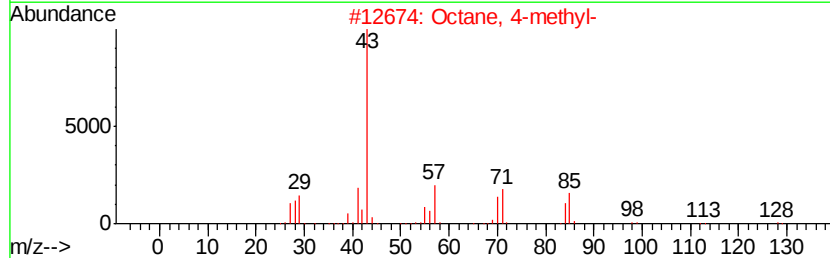
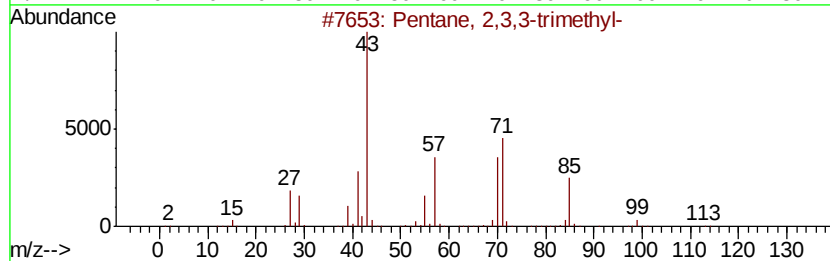
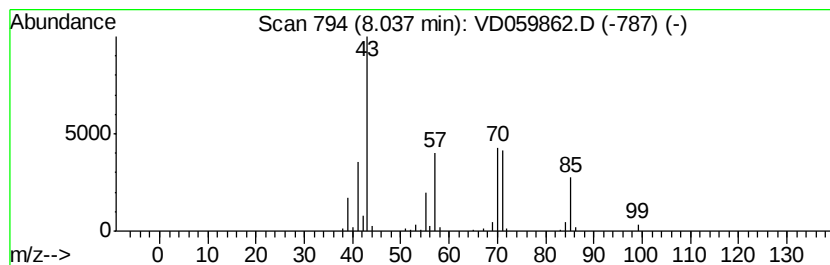
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Quant Title : SW846 8260

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

Peak Number 5 Pentane, 2,3,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	10.06 ug/l	619203	1,4-Difluorobenzene	6.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2		Octane, 4-methyl-	128	C9H20	002216-34-4	78
3		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59
4		Pyrrolidine	71	C4H9N	000123-75-1	53
5		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	50



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ClientSampleID :
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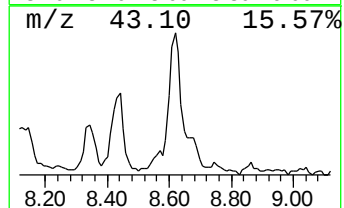
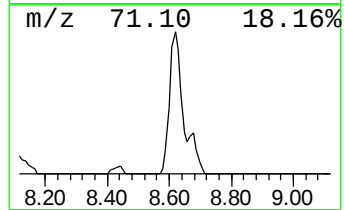
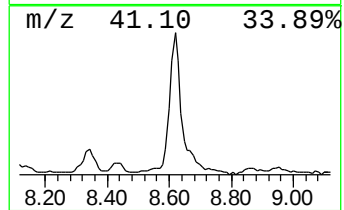
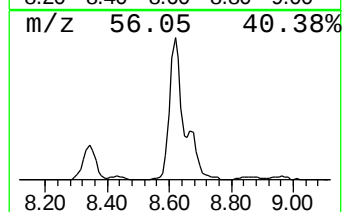
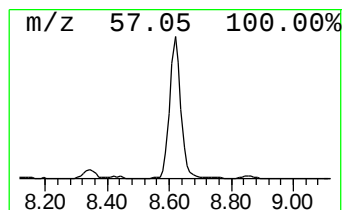
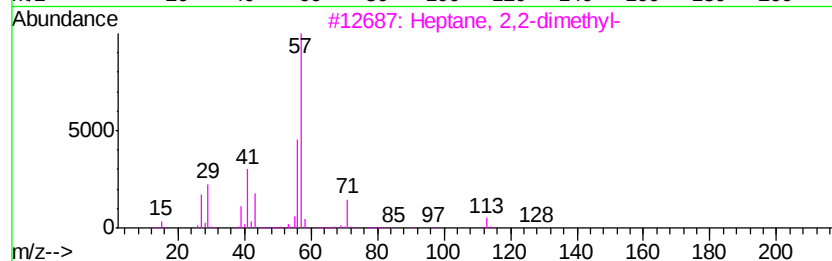
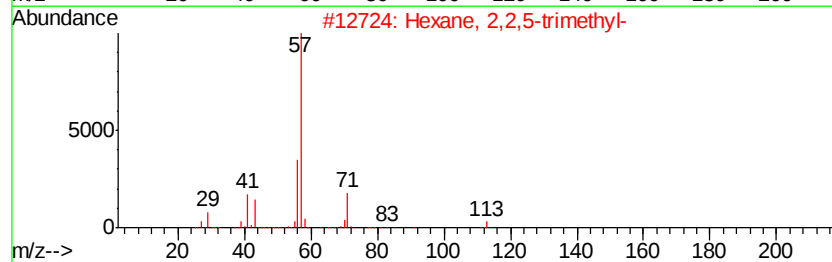
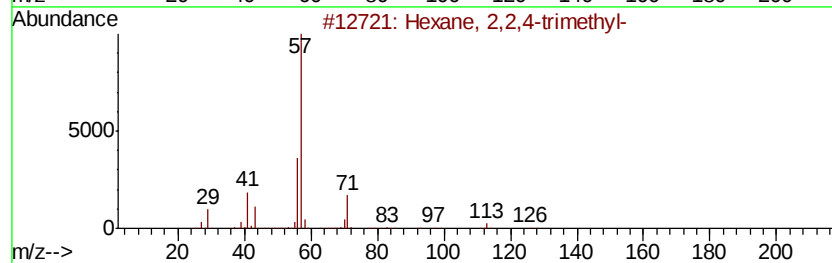
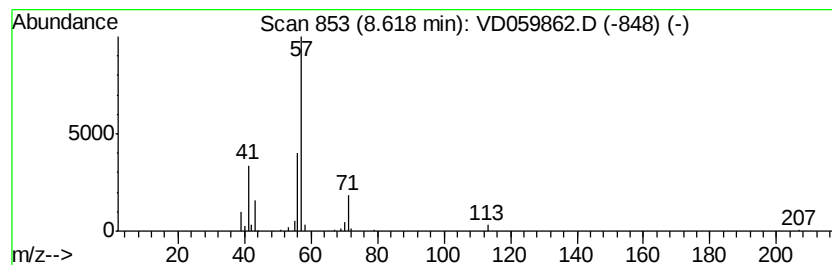
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Quant Title : SW846 8260

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

Peak Number 6 Hexane, 2,2,4-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	7.51 ug/l	462283	1,4-Difluorobenzene	6.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	83
2		Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	78
3		Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	78
4		Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	74
5		Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	56



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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082018S.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...	6.18	8.9	ug/l	545610	2	6.66	3077040	50.0
Pentane, 3-ethyl-	7.86	10.2	ug/l	630382	2	6.66	3077040	50.0
Pentane, 2,3,3-tr...	8.04	10.1	ug/l	619203	2	6.66	3077040	50.0
Hexane, 2,2,4-tri...	8.62	7.5	ug/l	462283	2	6.66	3077040	50.0