

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
 Data File : VY002315.D
 Acq On : 14 Apr 2020 17:40
 Operator : SY/MD
 Sample : L2230-07
 Misc : 6.61G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4

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_Y\METHODS\82Y040820S.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	1.871	17	22	32	rVB2	18756	29125	3.37%	0.594%
2	2.231	76	81	83	rBV4	6098	10258	1.19%	0.209%
3	3.962	353	365	377	rBV2	19192	57451	6.64%	1.172%
4	5.261	567	578	591	rVB8	2752	10066	1.16%	0.205%
5	6.706	807	815	824	rBV5	3446	9788	1.13%	0.200%
6	7.736	974	984	989	rBV2	108252	260990	30.16%	5.324%
7	7.803	989	995	1004	rVV	185297	424691	49.08%	8.663%
8	7.889	1004	1009	1019	rVB3	11118	26235	3.03%	0.535%
9	8.157	1044	1053	1065	rBV	110280	240300	27.77%	4.902%
10	8.340	1068	1083	1092	rBV	65151	165075	19.08%	3.367%
11	8.699	1133	1142	1154	rBV	315699	622691	71.96%	12.702%
12	9.193	1218	1223	1228	rVV4	9561	21805	2.52%	0.445%
13	9.254	1228	1233	1239	rVV3	7458	14549	1.68%	0.297%
14	9.327	1239	1245	1251	rVV2	5477	10133	1.17%	0.207%
15	9.620	1285	1293	1303	rVB	36544	72609	8.39%	1.481%
16	9.754	1303	1315	1323	rBV	58417	118482	13.69%	2.417%
17	9.949	1340	1347	1353	rBV5	4954	12897	1.49%	0.263%
18	10.120	1370	1375	1379	rBV	8670	14050	1.62%	0.287%
19	10.187	1379	1386	1394	rBV	506708	865357	100.00%	17.652%
20	10.620	1450	1457	1464	rBV8	7253	18884	2.18%	0.385%
21	10.906	1492	1504	1513	rBV4	4244	13802	1.59%	0.282%
22	11.010	1516	1521	1525	rVV6	4581	8802	1.02%	0.180%
23	11.095	1529	1535	1540	rVB3	10204	18792	2.17%	0.383%
24	11.303	1564	1569	1577	rVB8	5241	13866	1.60%	0.283%
25	11.498	1593	1601	1609	rBV	418388	670953	77.53%	13.687%
26	11.711	1627	1636	1638	rBV6	4493	12033	1.39%	0.245%
27	11.748	1638	1642	1652	rVB7	8139	21953	2.54%	0.448%
28	12.004	1677	1684	1688	rBV4	6479	15937	1.84%	0.325%
29	12.205	1707	1717	1720	rBV5	8232	18159	2.10%	0.370%
30	12.339	1734	1739	1744	rBV3	10196	16618	1.92%	0.339%
31	12.394	1744	1748	1756	rVB5	5898	10411	1.20%	0.212%
32	12.485	1756	1763	1770	rVB	269806	423297	48.92%	8.635%
33	12.589	1770	1780	1784	rBV9	7017	19981	2.31%	0.408%
34	12.644	1784	1789	1797	rVB7	6899	16742	1.93%	0.342%

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35	12.808	1812	1816	1824	rVB4	16331	28029	3.24%	0.572%
36	12.973	1838	1843	1850	rVB	8253	14225	1.64%	0.290%
37	13.260	1883	1890	1891	rBV5	4463	8893	1.03%	0.181%
38	13.290	1891	1895	1898	rVV3	7651	11218	1.30%	0.229%
39	13.345	1901	1904	1908	rVV4	6191	10356	1.20%	0.211%
40	13.430	1912	1918	1924	rVV	283989	440051	50.85%	8.977%
41	13.491	1924	1928	1932	rVB3	4711	9034	1.04%	0.184%
42	13.601	1942	1946	1948	rBV	6336	9134	1.06%	0.186%
43	13.638	1948	1952	1956	rVV2	11143	18159	2.10%	0.370%
44	13.753	1966	1971	1977	rBV7	4749	9730	1.12%	0.198%
45	13.973	2002	2007	2014	rVB2	7127	12024	1.39%	0.245%
46	14.089	2020	2026	2030	rBV2	13696	20579	2.38%	0.420%
47	14.692	2120	2125	2130	rBV4	6965	14245	1.65%	0.291%
48	15.247	2209	2216	2221	rVB2	5627	9787	1.13%	0.200%

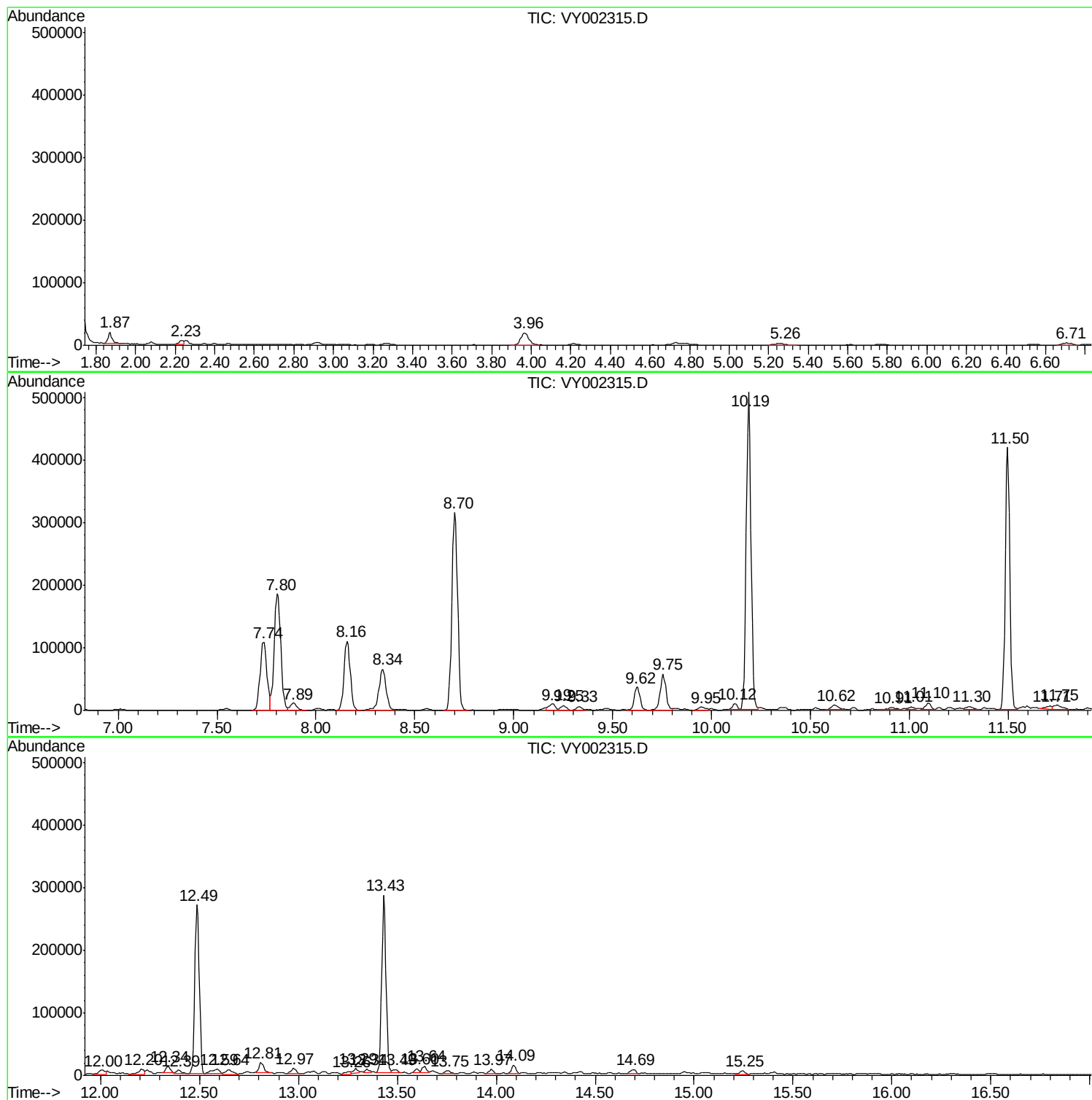
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

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



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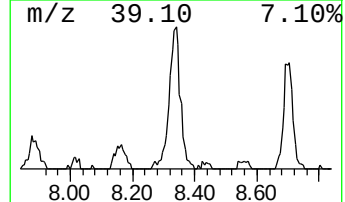
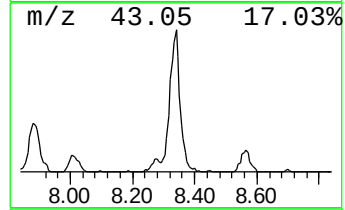
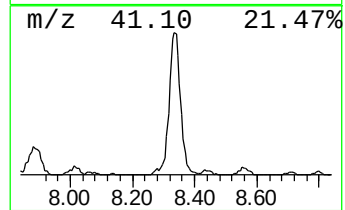
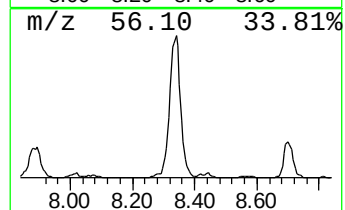
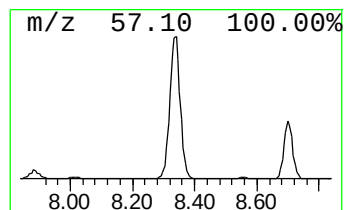
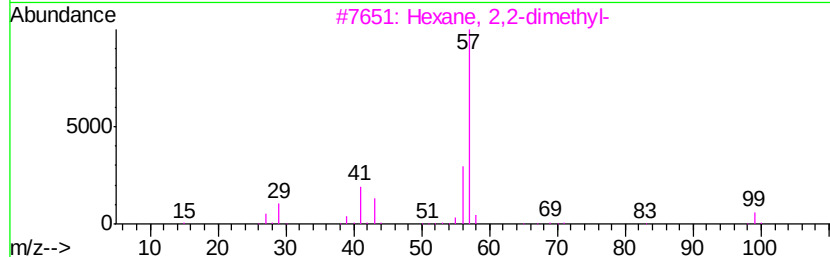
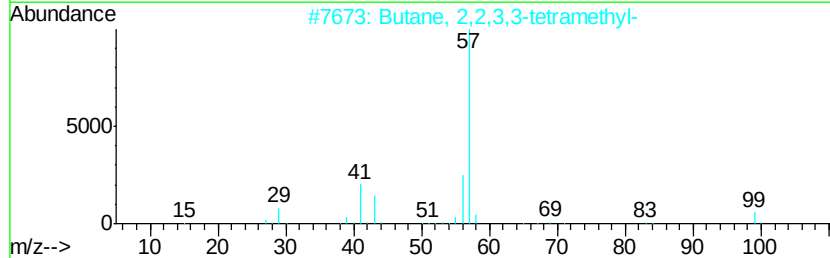
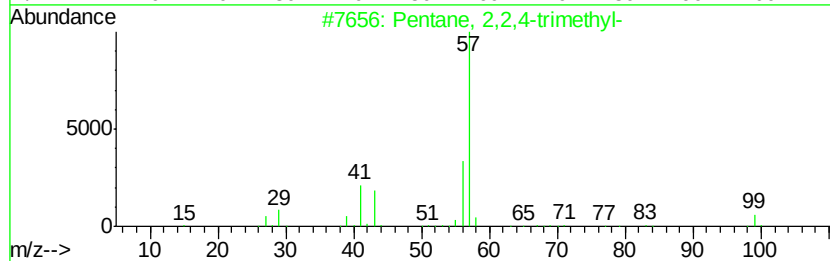
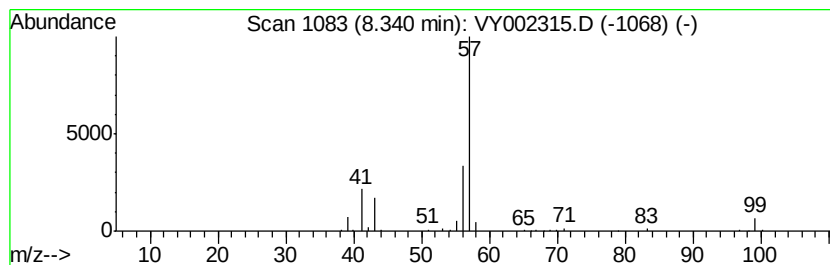
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

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

Peak Number 1 Pentane, 2,2,4-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	13.26 ug/l	165075	1,4-Difluorobenzene	8.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	78
2		Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	78
3		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	78
4		Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	50
5		Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	50



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ClientSampled :
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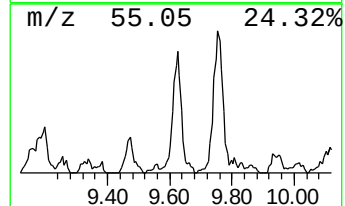
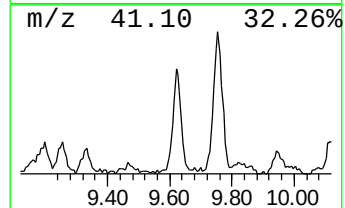
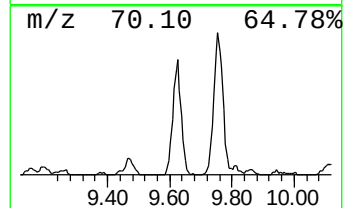
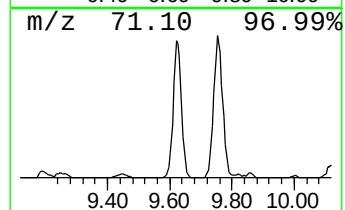
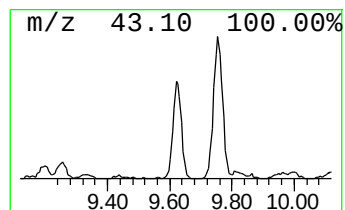
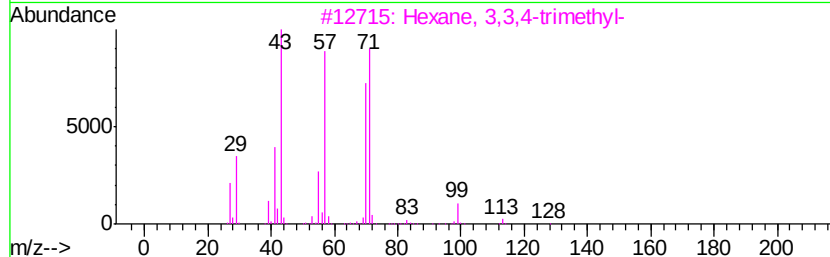
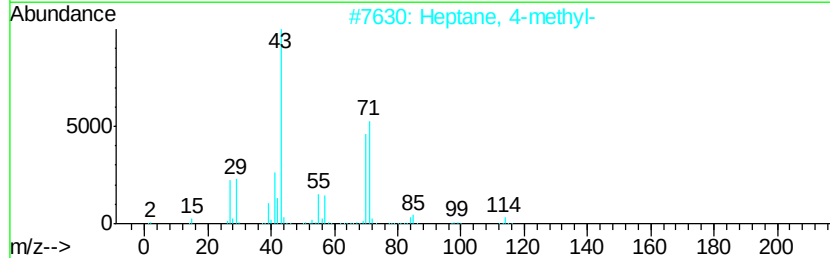
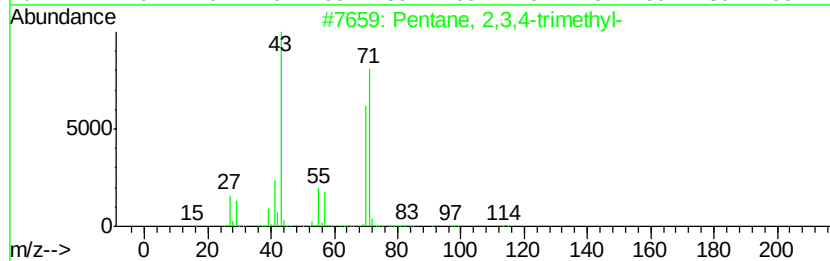
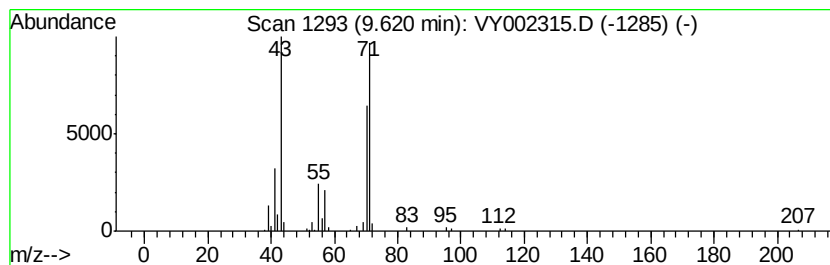
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	5.83 ug/l	72609	1,4-Difluorobenzene	8.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90
2			Heptane, 4-methyl-	114	C8H18	000589-53-7	78
3			Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	78
4			Hexane, 3-methyl-	100	C7H16	000589-34-4	78
5			Pentane, 3-ethyl-	100	C7H16	000617-78-7	78



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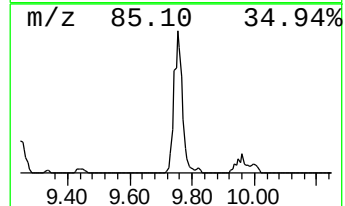
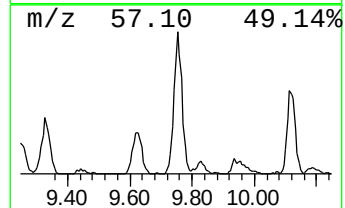
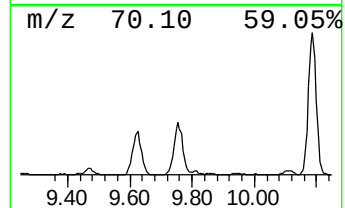
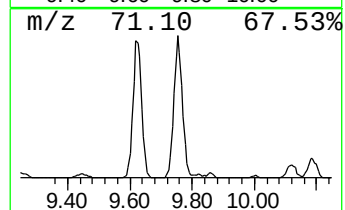
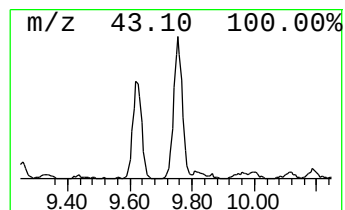
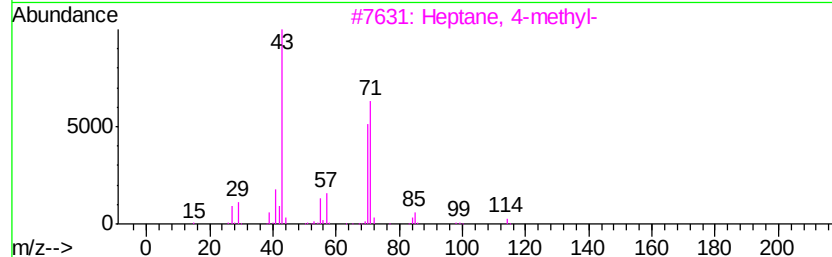
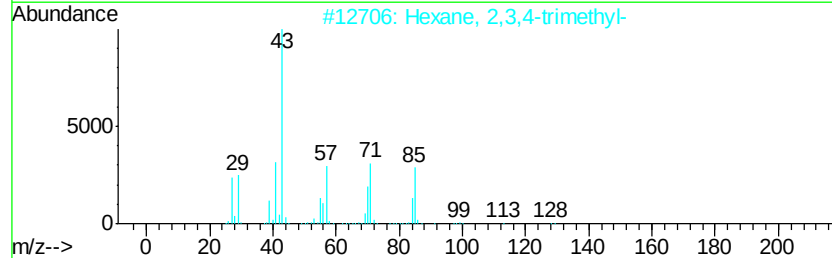
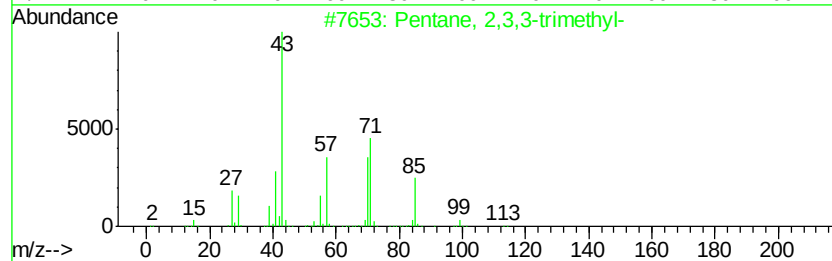
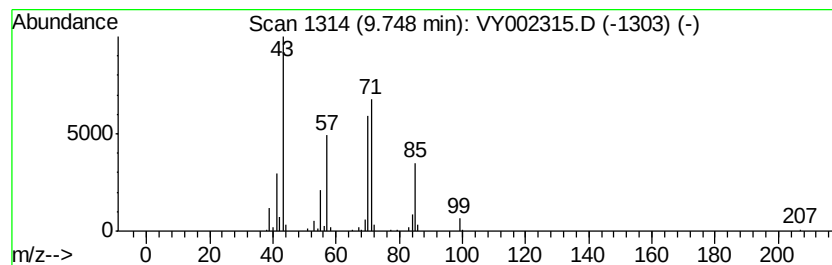
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Pentane, 2,3,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	9.51 ug/l	118482	1,4-Difluorobenzene	8.70

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	59
3		Heptane, 4-methyl-	114	C8H18	000589-53-7	59
4		Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	53
5		Dodecane, 4-methyl-	184	C13H28	006117-97-1	53



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TIC Library : C:\DATABASE\NIST11.L
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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentane, 2,2,4-tr...	8.34	13.3	ug/l	165075	2	8.70	622691	50.0
Pentane, 2,3,4-tr...	9.62	5.8	ug/l	72609	2	8.70	622691	50.0
Pentane, 2,3,3-tr...	9.75	9.5	ug/l	118482	2	8.70	622691	50.0