

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040323\
 Data File : VY013178.D
 Acq On : 03 Apr 2023 16:08
 Operator : KP/MD
 Sample : 02165-03
 Misc : 6.44g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3B

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_Y\methods\82Y033023S.M

Title : SW846 8260

Signal : TIC: VY013178.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.942	341	348	359	rBV	2520	6728	1.37%	0.201%
2	4.710	464	474	487	rBV	17416	53439	10.86%	1.597%
3	5.740	633	643	654	rBV4	4184	12848	2.61%	0.384%
4	6.692	789	799	807	rVB4	1699	5058	1.03%	0.151%
5	7.716	956	967	972	rBV	71663	169115	34.37%	5.054%
6	7.783	972	978	987	rVV	115284	263924	53.65%	7.887%
7	7.868	987	992	1002	rVB3	4130	9865	2.01%	0.295%
8	7.996	1006	1013	1021	rBV4	4078	9515	1.93%	0.284%
9	8.136	1024	1036	1050	rBV	70791	156768	31.87%	4.685%
10	8.325	1058	1067	1078	rVB	28740	70683	14.37%	2.112%
11	8.685	1118	1126	1136	rBV	175480	347152	70.56%	10.375%
12	9.185	1195	1208	1212	rBV3	6923	14919	3.03%	0.446%
13	9.240	1212	1217	1224	rVV2	6577	13849	2.82%	0.414%
14	9.612	1270	1278	1287	rBV	26077	50936	10.35%	1.522%
15	9.746	1292	1300	1308	rBV	33832	70823	14.40%	2.117%
16	9.953	1324	1334	1346	rBV7	3497	12514	2.54%	0.374%
17	10.112	1351	1360	1364	rBV3	5689	10190	2.07%	0.305%
18	10.179	1364	1371	1382	rVB	288470	491971	100.00%	14.702%
19	10.612	1439	1442	1450	rVB8	2607	5668	1.15%	0.169%
20	11.489	1579	1586	1596	rBV	263577	423815	86.15%	12.666%
21	12.483	1741	1749	1758	rBV	200491	318934	64.83%	9.531%
22	13.422	1896	1903	1910	rBV	250083	394421	80.17%	11.787%
23	13.593	1925	1931	1933	rVV2	10686	15746	3.20%	0.471%
24	13.623	1933	1936	1939	rVV2	10666	16830	3.42%	0.503%
25	13.666	1939	1943	1953	rVB3	15926	32636	6.63%	0.975%
26	13.891	1975	1980	1987	rBV3	4855	9620	1.96%	0.287%
27	13.971	1987	1993	1999	rVB2	24190	38468	7.82%	1.150%
28	14.080	2006	2011	2016	rVB3	10054	15600	3.17%	0.466%
29	14.154	2016	2023	2027	rBV5	4073	6804	1.38%	0.203%
30	14.294	2036	2046	2049	rBV	15648	25821	5.25%	0.772%
31	14.330	2049	2052	2057	rVV	21996	32046	6.51%	0.958%
32	14.379	2057	2060	2063	rVB	6162	7248	1.47%	0.217%
33	14.452	2068	2072	2077	rVV3	4710	7862	1.60%	0.235%
34	14.519	2078	2083	2086	rVV2	6148	9882	2.01%	0.295%
35	14.568	2086	2091	2095	rVV4	10066	17900	3.64%	0.535%
36	14.611	2095	2098	2102	rVB	8108	10915	2.22%	0.326%

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37	14.684	2102	2110	2116	rBV5	12425	31192	6.34%	0.932%
38	14.745	2116	2120	2125	rVB3	4035	7132	1.45%	0.213%
39	14.946	2143	2153	2164	rBV5	13086	41447	8.42%	1.239%
40	15.050	2164	2170	2177	rVB3	11928	25491	5.18%	0.762%
41	15.233	2197	2200	2206	rVB3	4052	5982	1.22%	0.179%
42	15.312	2206	2213	2217	rBV	8807	17510	3.56%	0.523%
43	15.391	2222	2226	2234	rVB3	4195	8232	1.67%	0.246%
44	15.525	2242	2248	2253	rBV	7150	11203	2.28%	0.335%
45	15.684	2264	2274	2282	rBV8	4007	11681	2.37%	0.349%
46	15.812	2290	2295	2301	rVB2	4336	7555	1.54%	0.226%
47	15.885	2301	2307	2314	rBV4	2691	5810	1.18%	0.174%
48	16.287	2368	2373	2380	rBV2	2998	5892	1.20%	0.176%
49	16.489	2398	2406	2412	rBV4	2958	6558	1.33%	0.196%

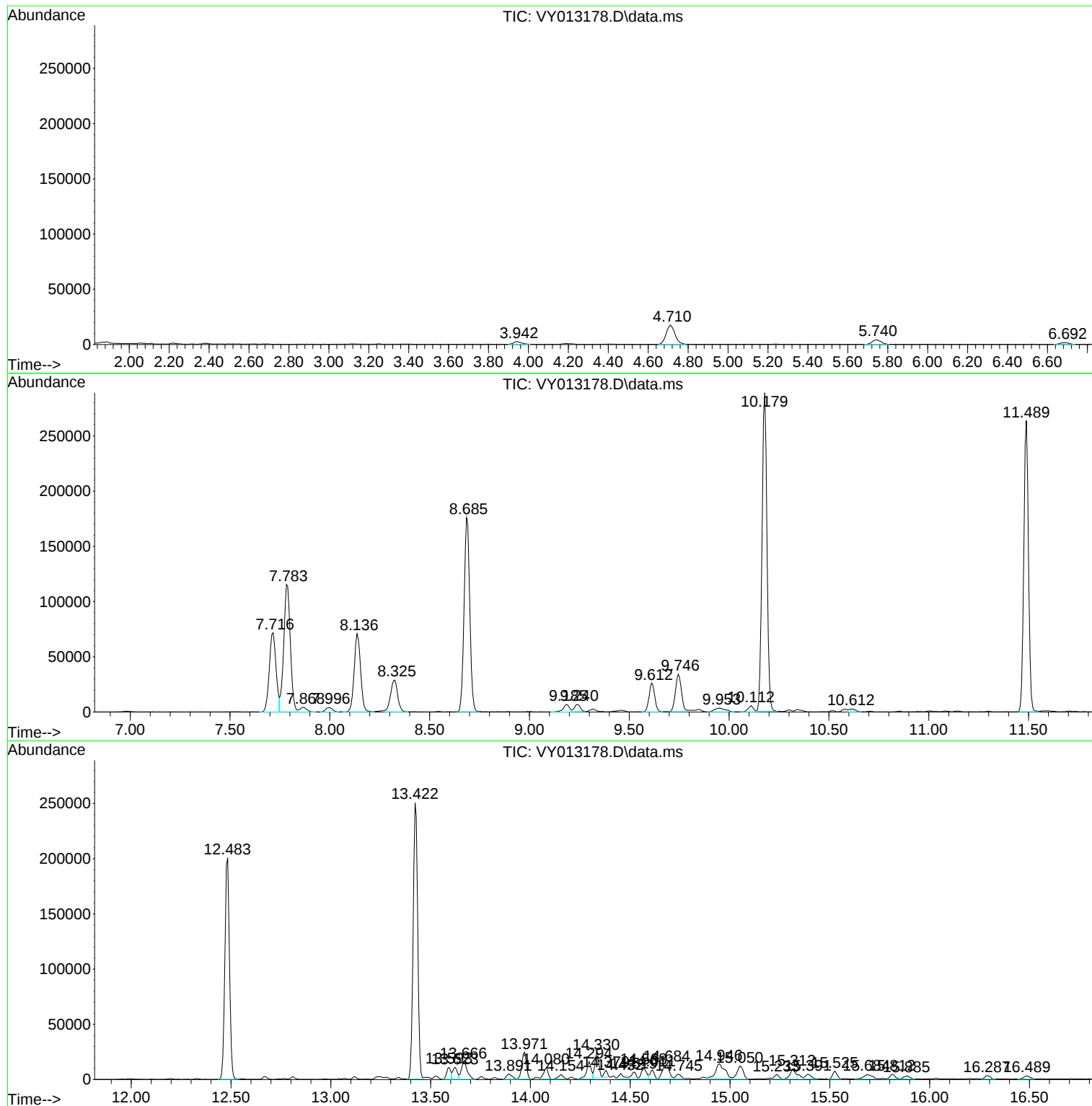
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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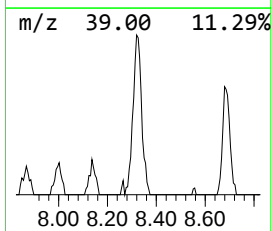
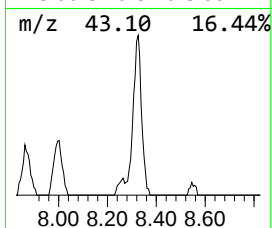
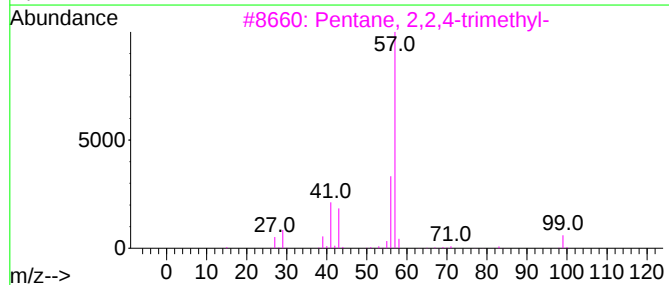
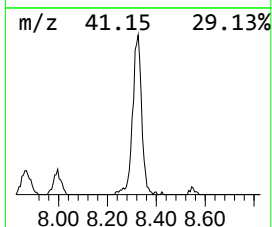
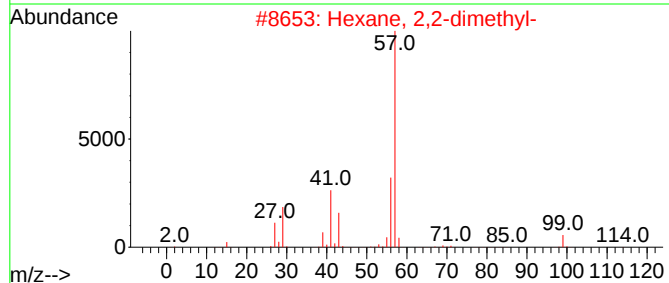
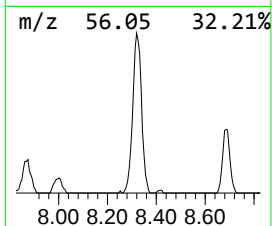
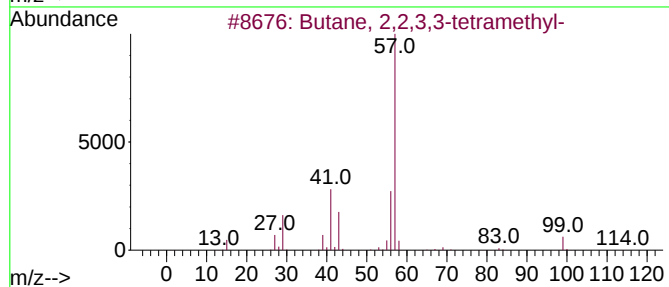
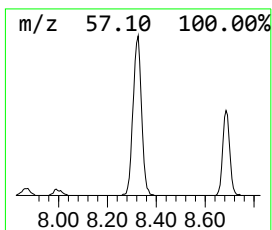
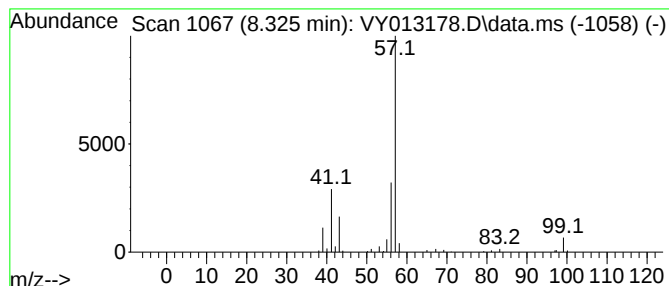
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2,2,3,3-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.325	10.18 ug/l	70683	1,4-Difluorobenzene	8.685

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
2			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
3			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	56
4			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53
5			Methane, isocyanato-	57	C2H3NO	000624-83-9	45



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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-3B

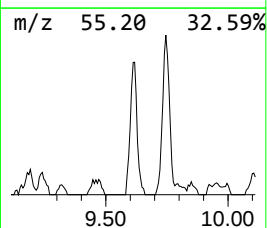
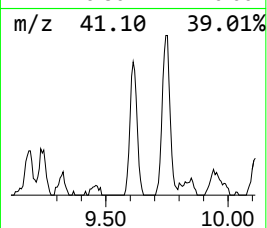
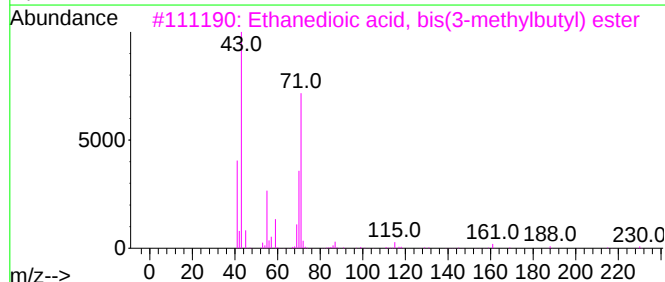
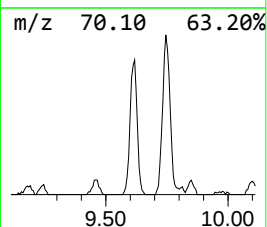
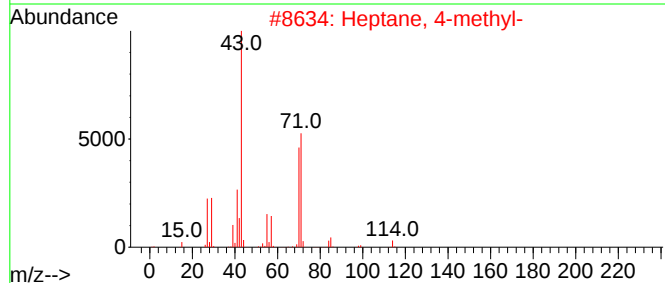
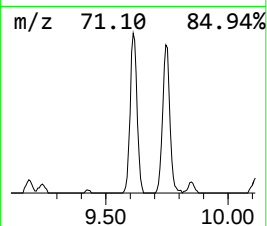
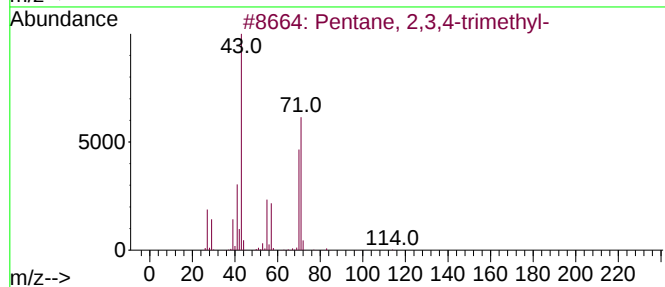
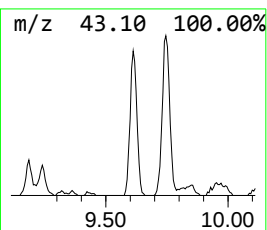
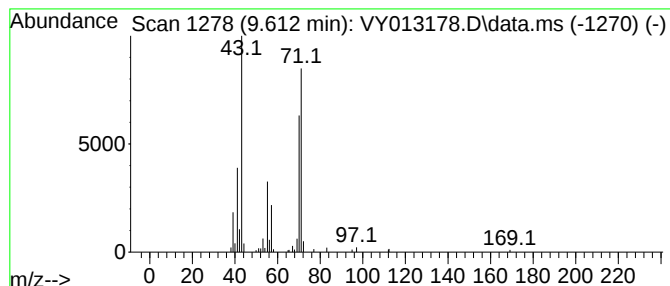
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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.
9.612	7.34 ug/l	50936	1,4-Difluorobenzene	8.685

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	86
2			Heptane, 4-methyl-	114	C8H18	000589-53-7	78
3			Ethanedioic acid, bis(3-methylbu...	230	C12H22O4	002051-00-5	78
4			Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
5			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	78



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Misc : 6.44g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-3B

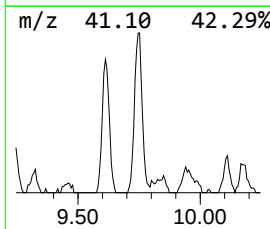
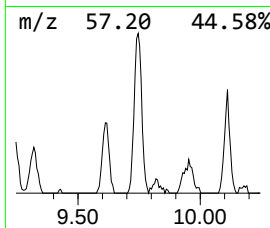
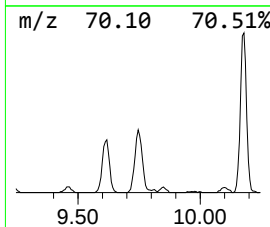
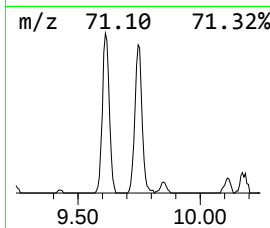
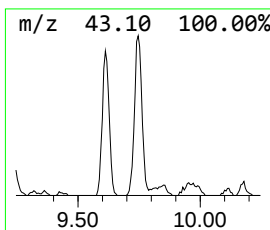
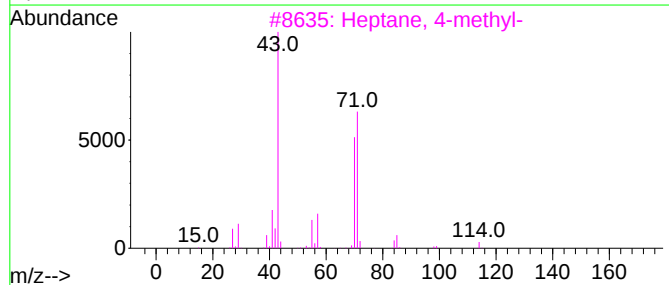
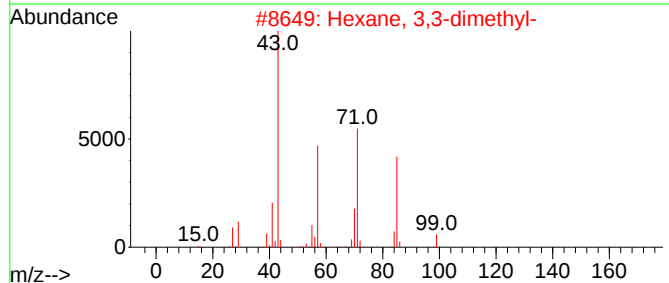
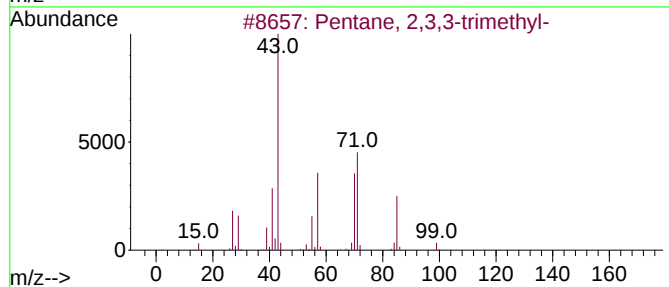
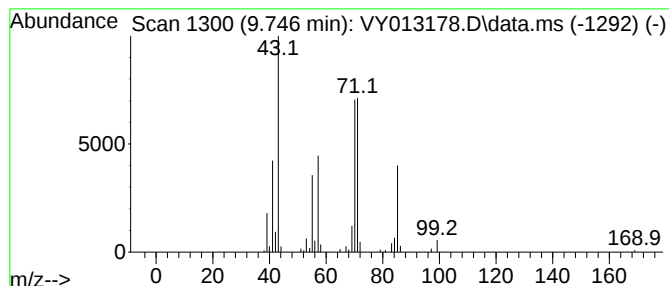
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Pentane, 2,3,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.746	10.20 ug/l	70823	1,4-Difluorobenzene	8.685

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	64
2			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
3			Heptane, 4-methyl-	114	C8H18	000589-53-7	59
4			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	53
5			Ether, hexyl pentyl	172	C11H24O	032357-83-8	53



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ClientSampleId :
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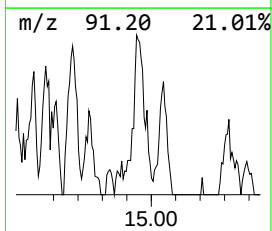
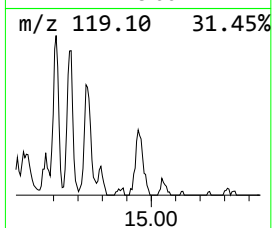
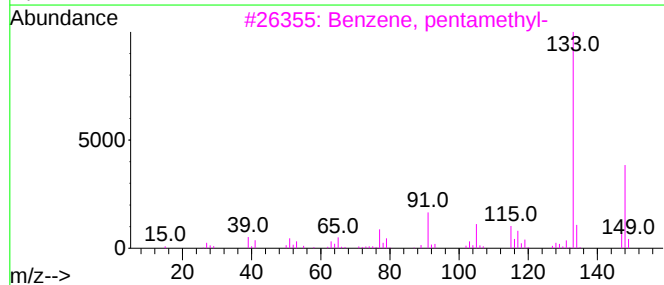
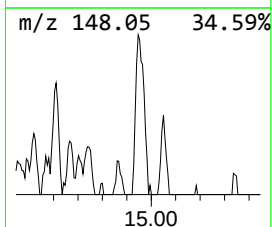
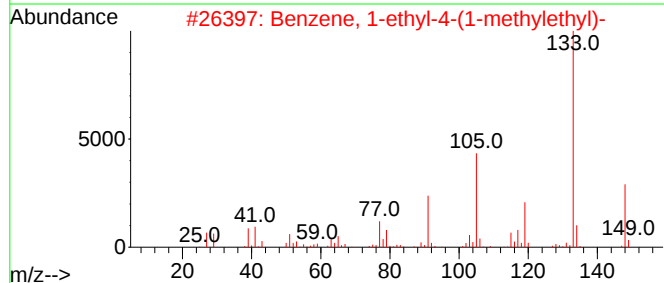
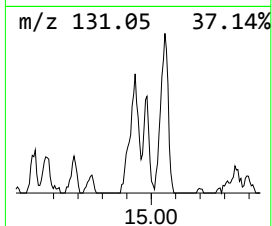
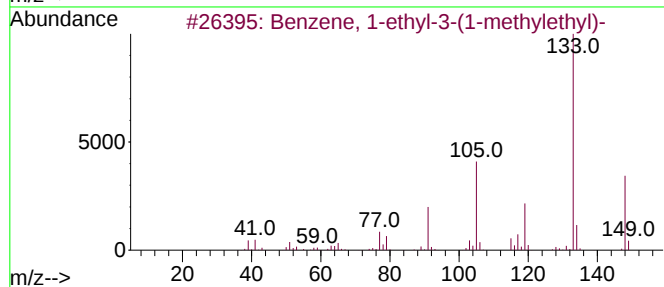
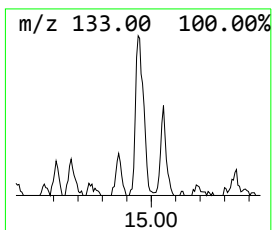
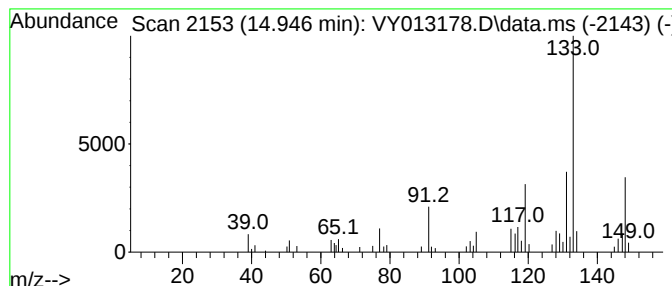
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.946	5.25 ug/l	41447	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	68
2			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	68
3			Benzene, pentamethyl-	148	C11H16	000700-12-9	68
4			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	59
5			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	58



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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2,2,3,3...	8.325	10.2	ug/l	70683	2	8.685	347152	50.0
Pentane, 2,3,4-...	9.612	7.3	ug/l	50936	2	8.685	347152	50.0
Pentane, 2,3,3-...	9.746	10.2	ug/l	70823	2	8.685	347152	50.0
Benzene, 1-ethy...	14.946	5.3	ug/l	41447	4	13.422	394421	50.0