

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
 Data File : VY002976.D
 Acq On : 22 Jun 2020 16:10
 Operator : SY/MD
 Sample : L3071-01
 Misc : 7.06G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TW-7.5

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\82Y061920S.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	2.914	181	193	240	rBV	14040243	67337511	12.55%	1.575%
2	3.274	240	252	294	rVB	5672147	25940102	4.83%	0.607%
3	3.981	348	368	450	rBV2	13391714	115181292	21.47%	2.694%
4	4.761	457	496	498	rBV3	28112307	106918842	19.93%	2.501%
5	5.298	564	584	625	rBV3	24160824	239443770	44.63%	5.601%
6	5.797	651	666	708	rVB2	5024768	40760534	7.60%	0.953%
7	6.133	709	721	735	rBV3	1362862	8430550	1.57%	0.197%
8	6.584	776	795	797	rBV2	8461997	34218423	6.38%	0.800%
9	6.779	807	827	829	rBV5	20403846	127568498	23.78%	2.984%
10	7.584	936	959	982	rBV5	9738353	88697278	16.53%	2.075%
11	7.925	983	1015	1026	rBV7	33523852	408212845	76.08%	9.548%
12	8.388	1073	1091	1110	rBV9	27806990	294701230	54.93%	6.893%
13	8.754	1141	1151	1167	rBV4	13824493	69858289	13.02%	1.634%
14	9.029	1180	1196	1214	rBV6	7189650	53825977	10.03%	1.259%
15	9.291	1216	1239	1261	rBV6	42543654	536526353	100.00%	12.550%
16	9.730	1291	1311	1312	rBV2	25709538	160929093	29.99%	3.764%
17	10.047	1352	1363	1375	rVB8	40829259	236594428	44.10%	5.534%
18	10.175	1375	1384	1389	rBV4	40634099	154811985	28.85%	3.621%
19	10.577	1446	1450	1452	rBV2	7932717	13297335	2.48%	0.311%
20	10.669	1457	1465	1473	rVB9	24853506	102330803	19.07%	2.394%
21	10.851	1486	1495	1501	rBV3	22639208	80576520	15.02%	1.885%
22	10.949	1503	1511	1519	rVV2	18317454	70508276	13.14%	1.649%
23	11.315	1563	1571	1580	rVB6	36754044	150981645	28.14%	3.532%
24	11.418	1580	1588	1596	rVB4	28565670	83664599	15.59%	1.957%
25	11.516	1597	1604	1610	rBV3	22640360	71704222	13.36%	1.677%
26	11.601	1610	1618	1626	rVB5	16726346	62799939	11.70%	1.469%
27	11.735	1631	1640	1643	rBV4	25106484	70316295	13.11%	1.645%
28	11.912	1665	1669	1671	rBV5	3952350	6790734	1.27%	0.159%
29	11.955	1672	1676	1681	rVV4	12729268	23772506	4.43%	0.556%
30	12.022	1681	1687	1694	rVV3	15099572	34299367	6.39%	0.802%
31	12.217	1714	1719	1723	rBV3	8085844	15551908	2.90%	0.364%
32	12.266	1723	1727	1735	rVB5	6376002	14177812	2.64%	0.332%
33	12.345	1735	1740	1744	rBV	15914272	29344876	5.47%	0.686%
34	12.479	1755	1762	1767	rVB2	24492961	61179257	11.40%	1.431%

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Integration Parameters: RTEINT.P

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35	12.534	1767	1771	1774	rVB	7788312	10133075	1.89%	0.237%
36	12.577	1774	1778	1783	rVB4	7657458	14737451	2.75%	0.345%
37	12.638	1783	1788	1790	rBV	8625656	14401077	2.68%	0.337%
38	12.680	1790	1795	1804	rVB	25726676	50609821	9.43%	1.184%
39	12.778	1805	1811	1814	rBV	31829389	60422307	11.26%	1.413%
40	12.821	1814	1818	1835	rVB3	33569176	77165737	14.38%	1.805%
41	12.979	1837	1844	1851	rBV	10984773	23313152	4.35%	0.545%
42	13.071	1851	1859	1863	rBV	8569480	17403835	3.24%	0.407%
43	13.125	1863	1868	1874	rVB2	45912382	94766807	17.66%	2.217%
44	13.180	1874	1877	1882	rVB	4734623	6995041	1.30%	0.164%
45	13.253	1882	1889	1891	rBV3	7671363	18458720	3.44%	0.432%
46	13.284	1891	1894	1898	rVB	8869508	12428153	2.32%	0.291%
47	13.479	1916	1926	1936	rVB3	10405347	34565206	6.44%	0.809%
48	13.595	1940	1945	1947	rBV	7927654	12299009	2.29%	0.288%
49	13.625	1947	1950	1953	rVV2	12548619	19464802	3.63%	0.455%
50	13.668	1953	1957	1967	rVB4	21379945	45493956	8.48%	1.064%
51	13.827	1978	1983	1988	rVB	5917449	9633616	1.80%	0.225%
52	13.887	1988	1993	1995	rBV	7817405	11825080	2.20%	0.277%
53	13.918	1995	1998	2002	rVB	7303444	9838855	1.83%	0.230%
54	13.973	2002	2007	2012	rBV	13070813	18808174	3.51%	0.440%
55	14.076	2019	2024	2029	rVB2	4771634	7769131	1.45%	0.182%
56	14.296	2051	2060	2063	rVV	5374633	10558076	1.97%	0.247%
57	14.333	2063	2066	2070	rVV	6400892	9134434	1.70%	0.214%
58	14.381	2070	2074	2078	rVV2	4607198	7393408	1.38%	0.173%
59	14.454	2083	2086	2093	rVV	3886817	6182235	1.15%	0.145%
60	14.668	2116	2121	2129	rVV5	4393314	10156942	1.89%	0.238%

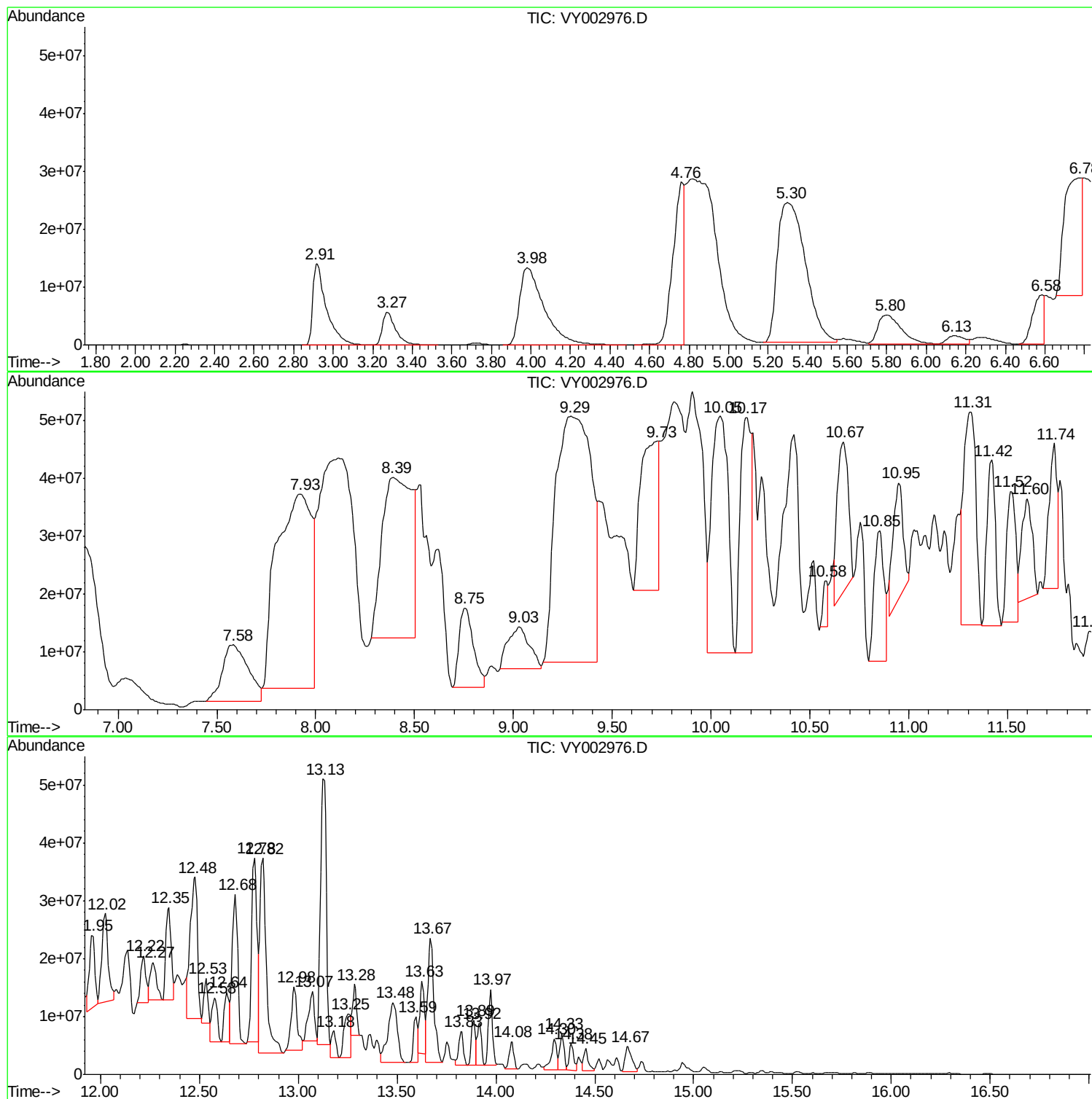
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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ClientSampleId :
TW-7.5

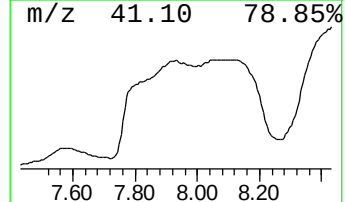
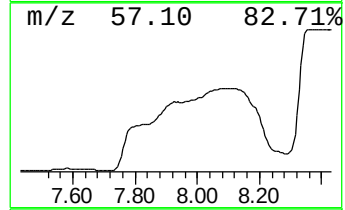
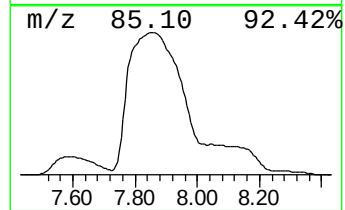
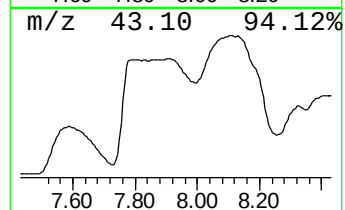
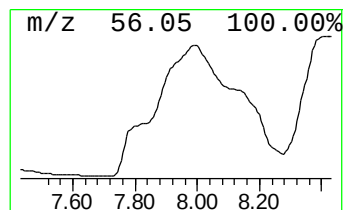
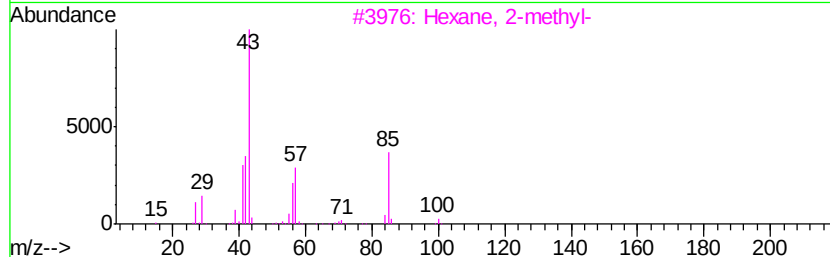
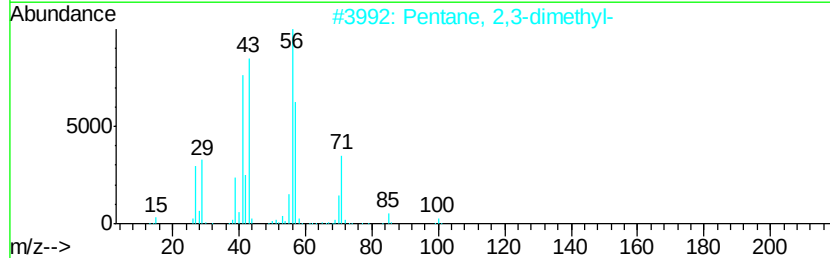
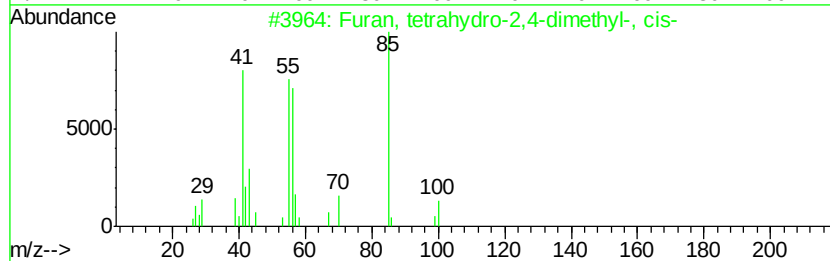
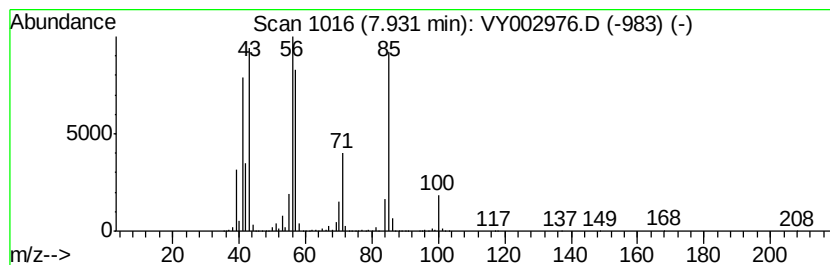
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
Quant Title : SW846 8260

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

Peak Number 1 Furan, tetrahydro-2,4-dimet... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	50.00 ug/l	408213000	Pentafluorobenzene	7.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2,4-dimethyl-,...	100	C6H12O	039168-01-9	53	
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	52	
3	Hexane, 2-methyl-	100	C7H16	000591-76-4	50	
4	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	47	
5	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	43	



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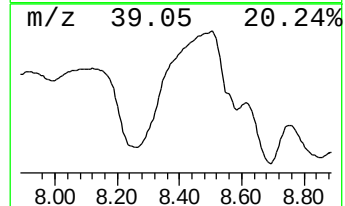
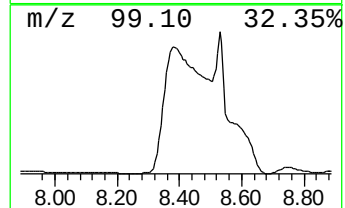
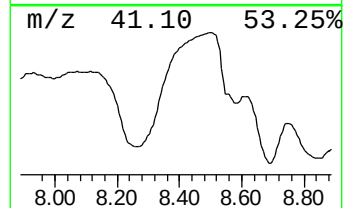
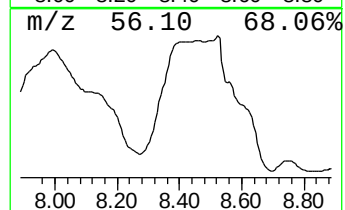
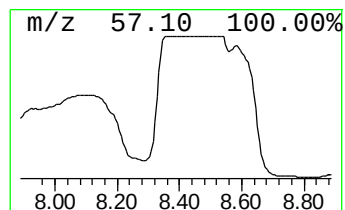
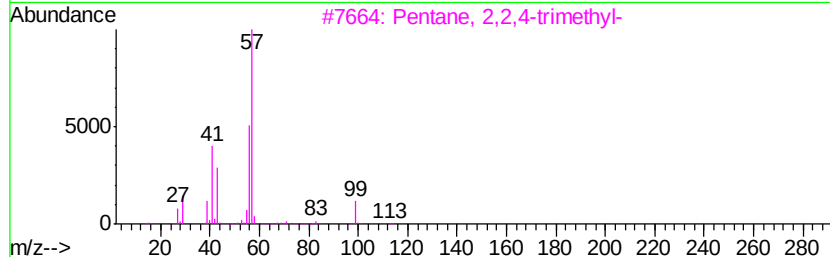
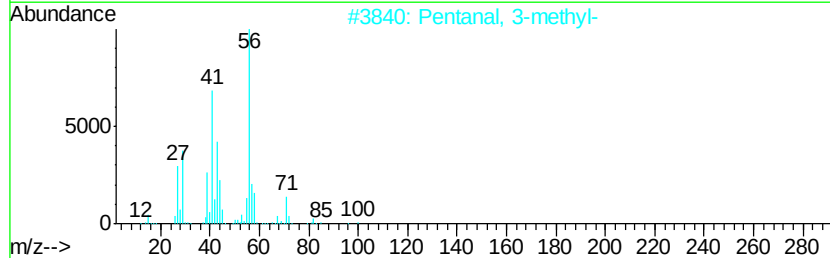
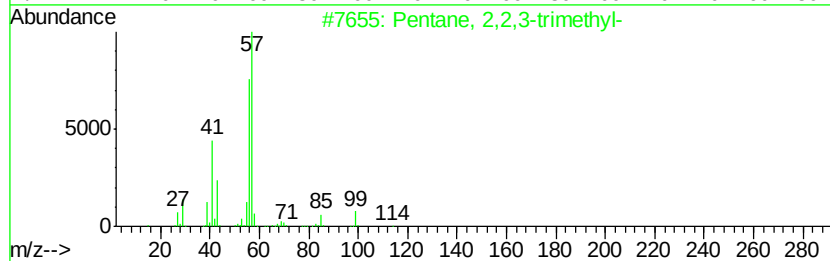
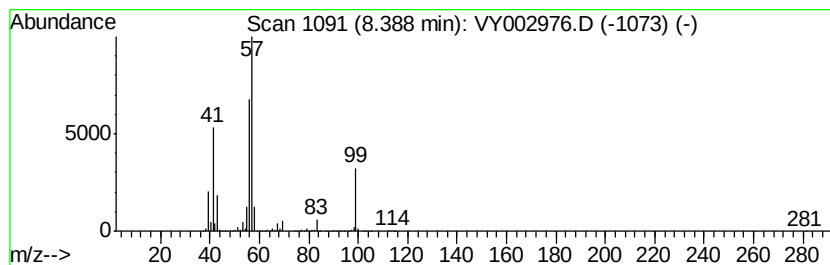
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Pentane, 2,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.39	210.93 ug/l	294701000	1,4-Difluorobenzene	8.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	78
2		Pentanal, 3-methyl-	100	C6H12O	015877-57-3	47
3		Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	45
4		2-Pentene, 5-butoxy-, (E)-	142	C9H18O	054004-23-8	43
5		Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	40



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ALS Vial : 15 Sample Multiplier: 1

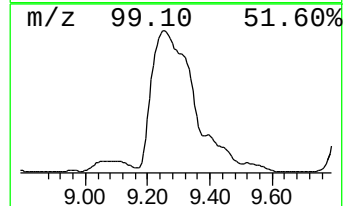
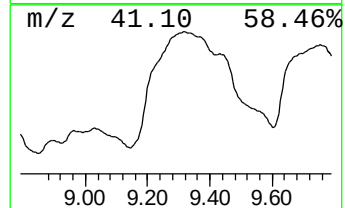
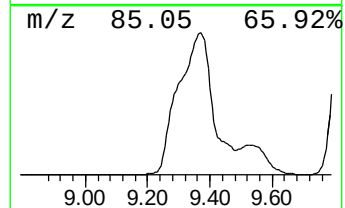
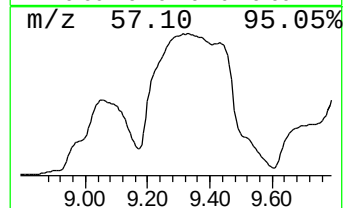
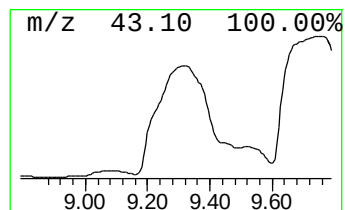
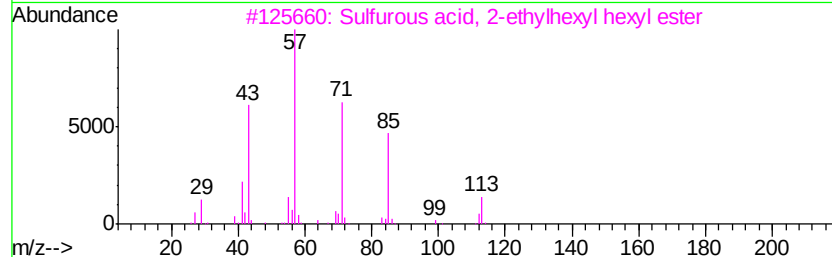
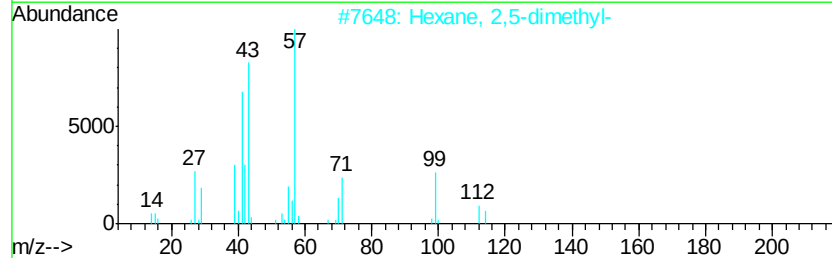
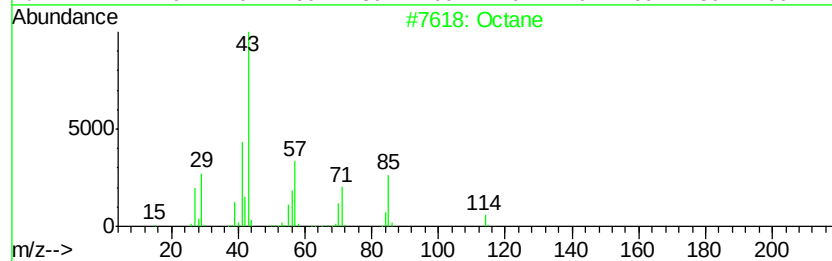
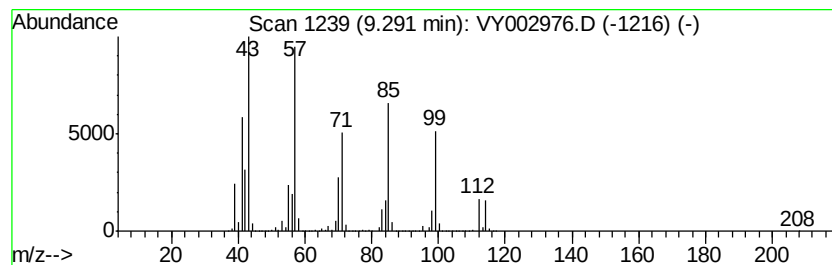
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	384.01 ug/l	536526000	1,4-Difluorobenzene	8.72
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octane		114 C8H18	000111-65-9 70
2	Hexane, 2,5-dimethyl-		114 C8H18	000592-13-2 53
3	Sulfurous acid, 2-ethylhexyl hex...		278 C14H30O3S	1000309-20-2 43
4	Heptane, 2-methyl-		114 C8H18	000592-27-8 38
5	Oxalic acid, isohexyl pentyl ester		244 C13H24O4	1000309-32-8 35



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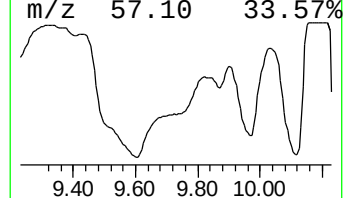
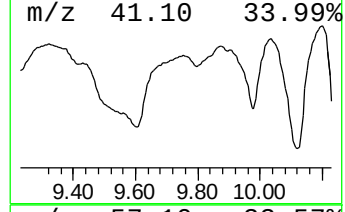
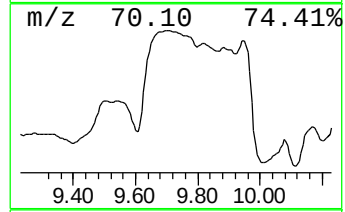
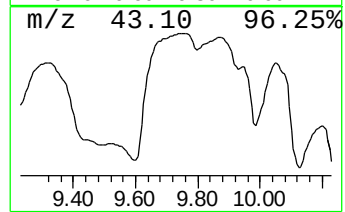
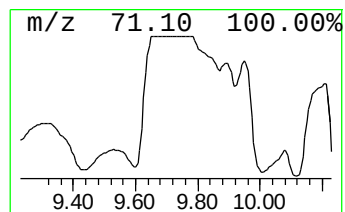
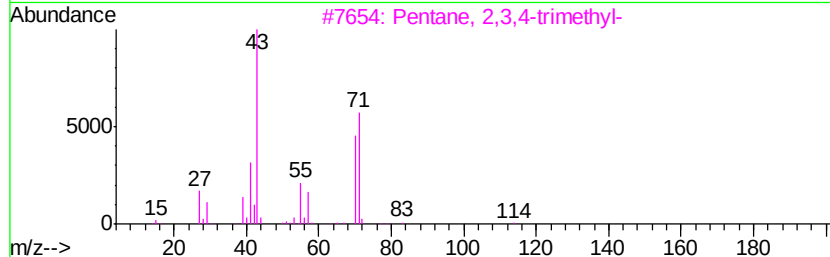
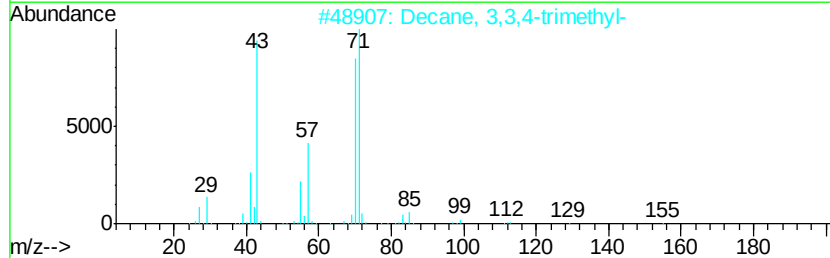
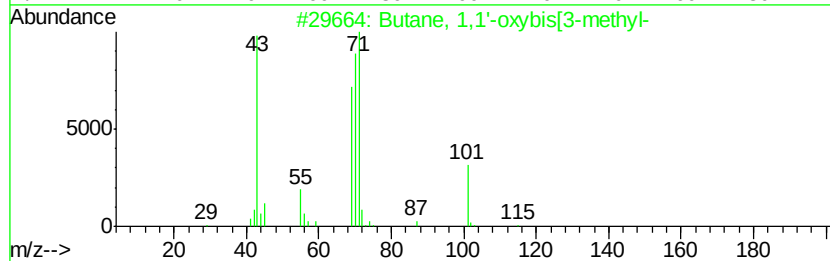
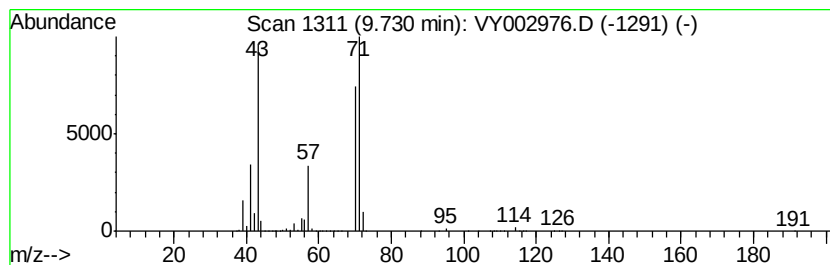
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Quant Title : SW846 8260

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

Peak Number 4 Butane, 1,1'-oxybis[3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	115.18 ug/l	160929000	1,4-Difluorobenzene	8.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 1,1'-oxybis[3-methyl-	158	C10H22O	000544-01-4	78
2		Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	78
3		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	78
4		Heptane, 4-methyl-	114	C8H18	000589-53-7	74
5		Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	64



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TW-7.5

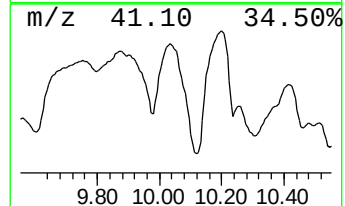
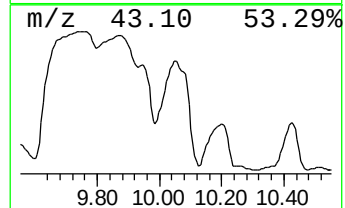
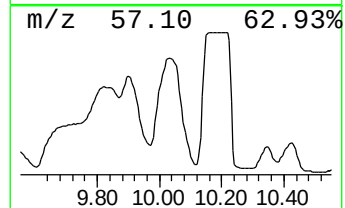
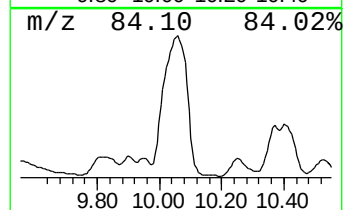
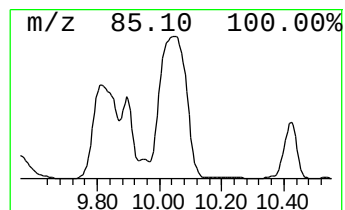
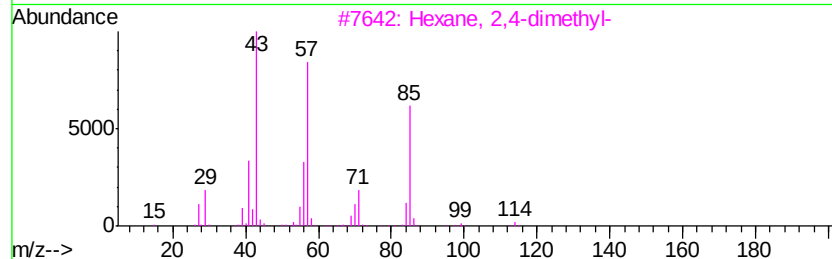
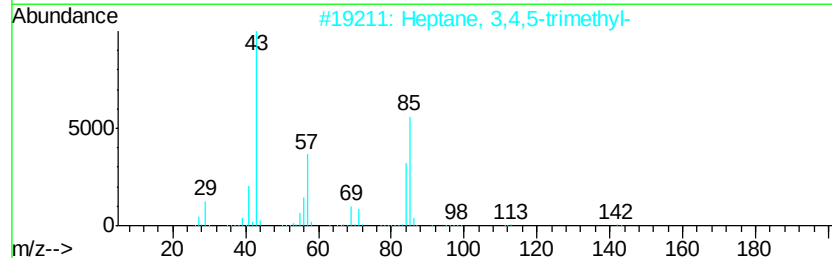
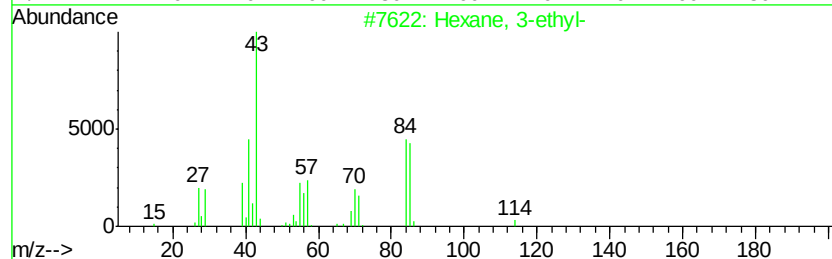
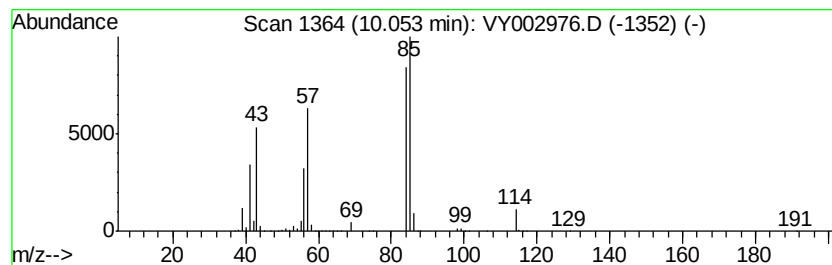
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Quant Title : SW846 8260

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

Peak Number 5 Hexane, 3-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	169.34 ug/l	236594000	1,4-Difluorobenzene	8.72

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-ethyl-	114	C8H18	000619-99-8	64
2	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	50
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	47
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	47
5	Hexane, 2-methyl-	100	C7H16	000591-76-4	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
Data File : VY002976.D
Acq On : 22 Jun 2020 16:10
Operator : SY/MD
Sample : L3071-01
Misc : 7.06G/5ML/MSVOA Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TW-7.5

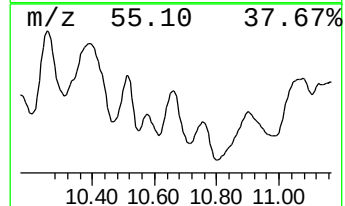
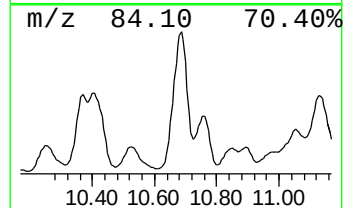
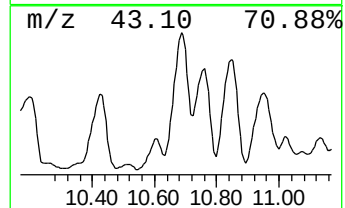
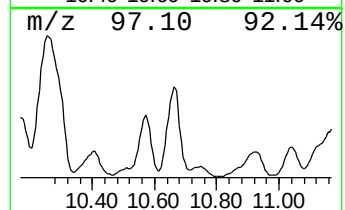
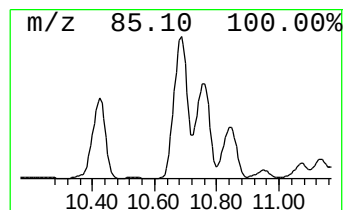
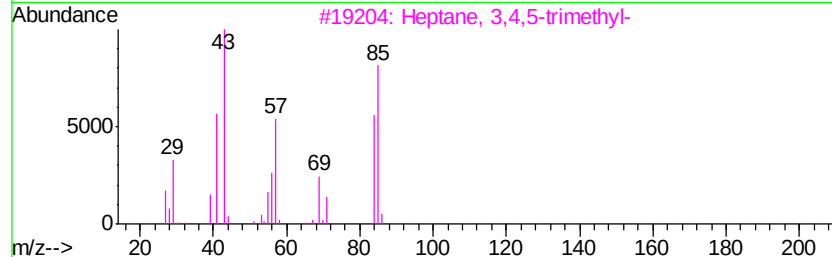
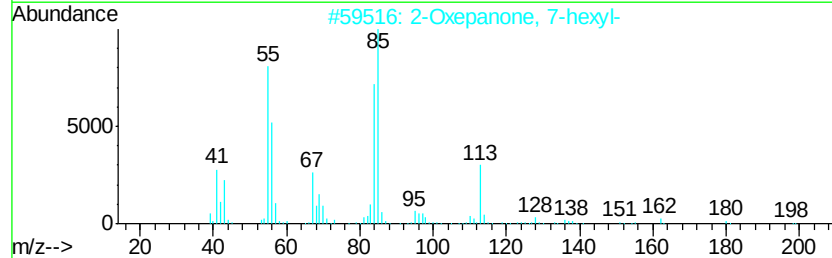
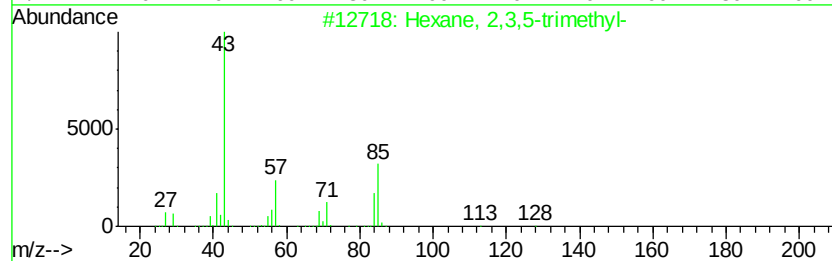
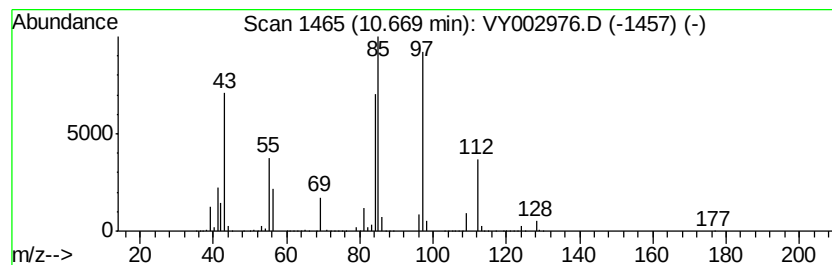
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Quant Title : SW846 8260

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

Peak Number 6 unknown10.67 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	71.36 ug/l	102331000	Chlorobenzene-d5	11.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	43
2		2-Oxepanone, 7-hexyl-	198	C12H22O2	016429-21-3	38
3		Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	38
4		1H-Pyrazole, 4,5-dihydro-3,4,5-t...	112	C6H12N2	022591-95-3	35
5		Hexane, 3-ethyl-	114	C8H18	000619-99-8	32



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
Data File : VY002976.D
Acq On : 22 Jun 2020 16:10
Operator : SY/MD
Sample : L3071-01
Misc : 7.06G/5ML/MSVOA Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TW-7.5

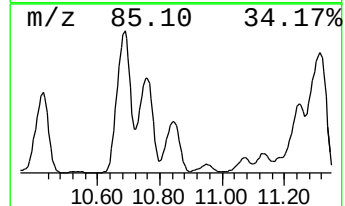
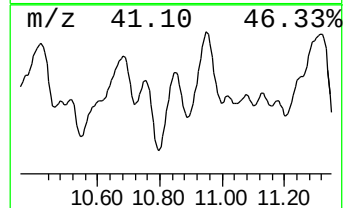
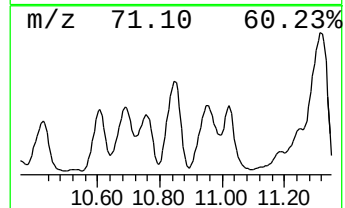
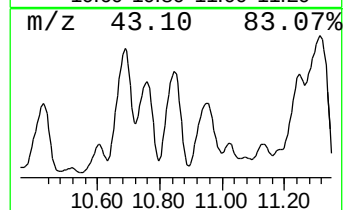
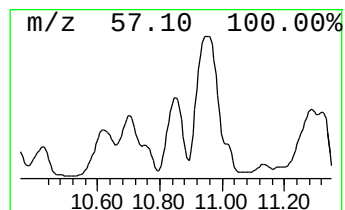
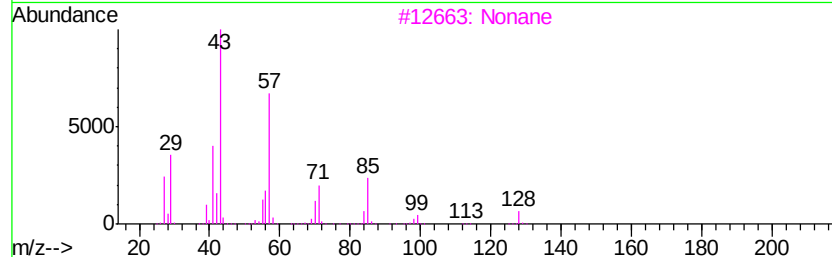
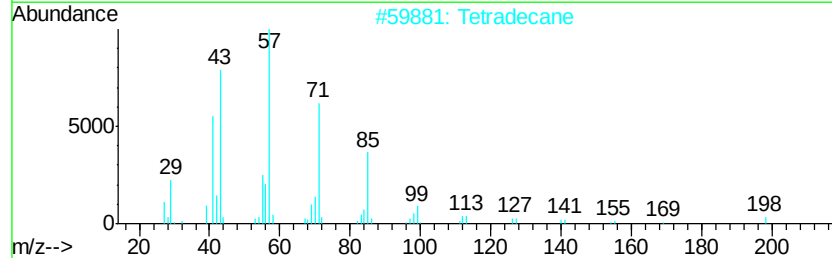
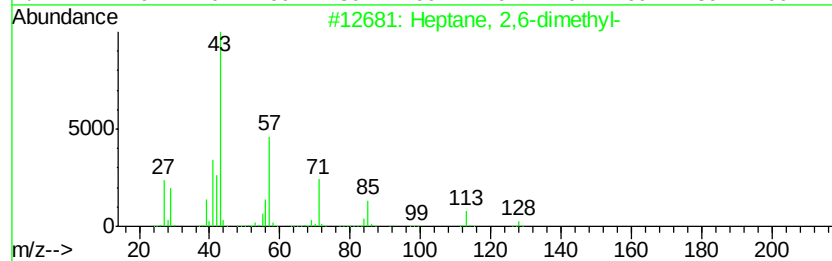
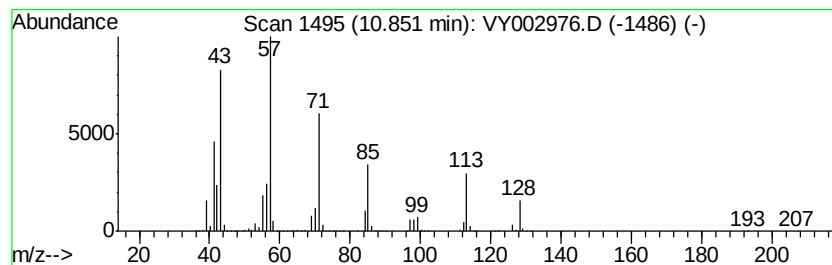
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Quant Title : SW846 8260

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

Peak Number 7 Heptane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	56.19 ug/l	80576500	Chlorobenzene-d5	11.51

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	95	
2	Tetradecane	198	C14H30	000629-59-4	64	
3	Nonane	128	C9H20	000111-84-2	62	
4	Undecane	156	C11H24	001120-21-4	50	
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	50	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
Data File : VY002976.D
Acq On : 22 Jun 2020 16:10
Operator : SY/MD
Sample : L3071-01
Misc : 7.06G/5ML/MSVOA Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

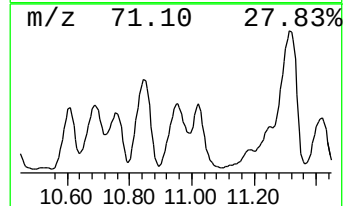
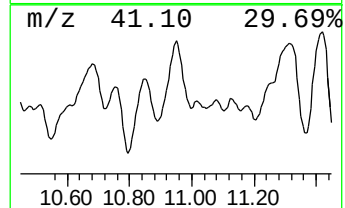
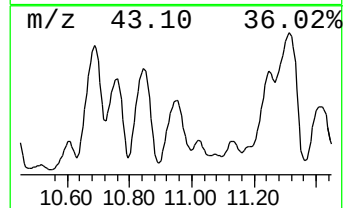
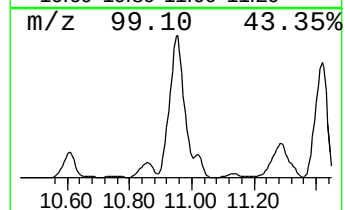
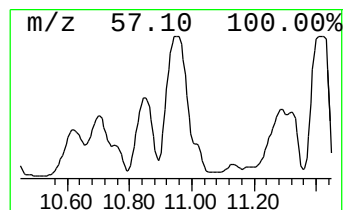
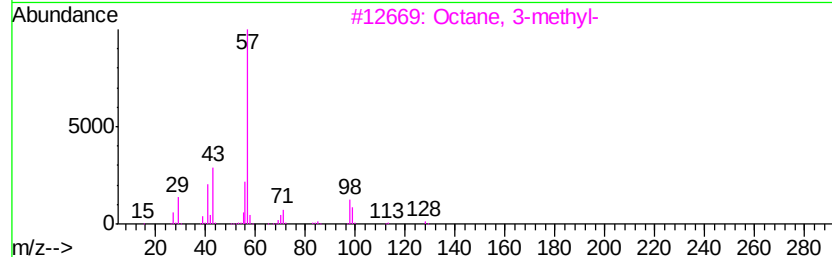
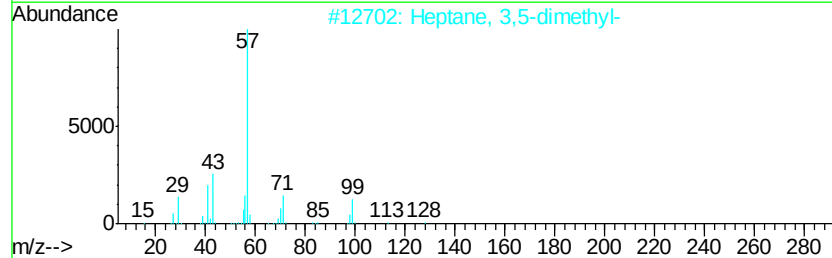
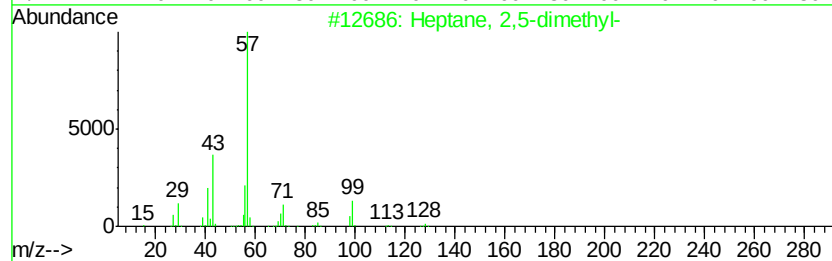
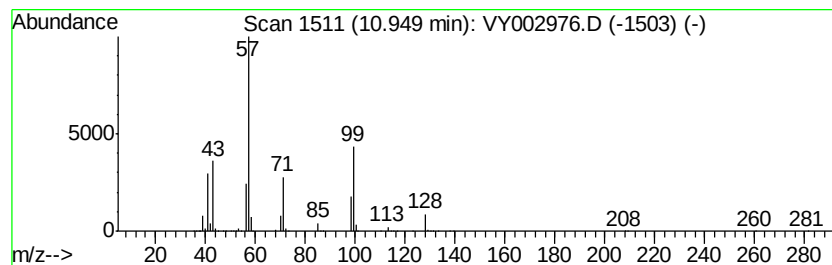
Instrument :
MSVOA_Y
ClientSampleId :
TW-7.5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
Quant Title : SW846 8260

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

Peak Number 8 Heptane, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	49.17 ug/l	70508300	Chlorobenzene-d5	11.51
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptane, 2,5-dimethyl-	128 C9H20	002216-30-0	83
2	Heptane, 3,5-dimethyl-	128 C9H20	000926-82-9	53
3	Octane, 3-methyl-	128 C9H20	002216-33-3	43
4	Heptane, 2-iodo-	226 C7H15I	018589-29-2	43
5	Heptane, 3-bromo-	178 C7H15Br	001974-05-6	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
Data File : VY002976.D
Acq On : 22 Jun 2020 16:10
Operator : SY/MD
Sample : L3071-01
Misc : 7.06G/5ML/MSVOA Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TW-7.5

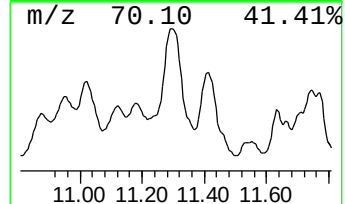
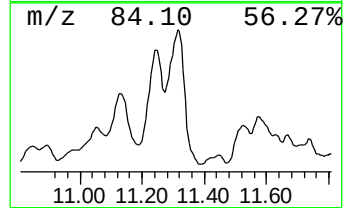
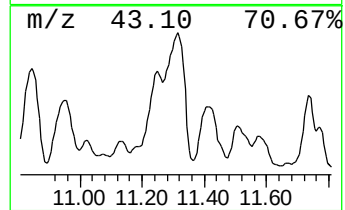
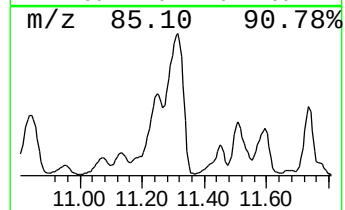
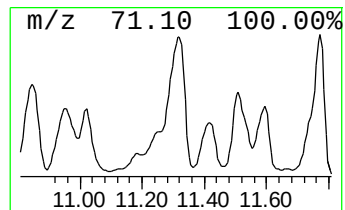
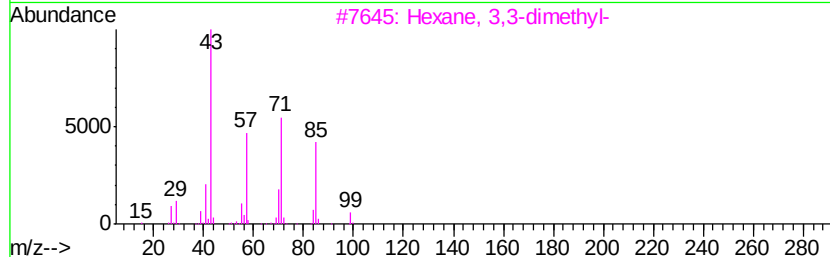
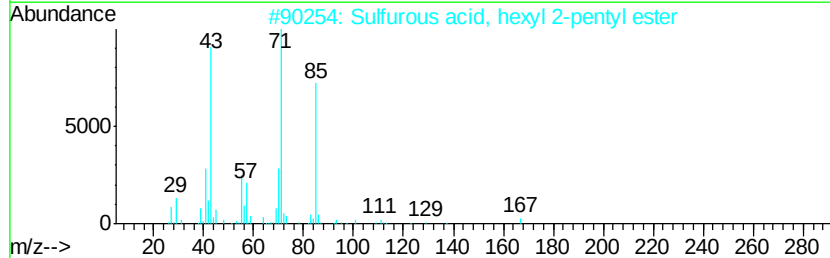
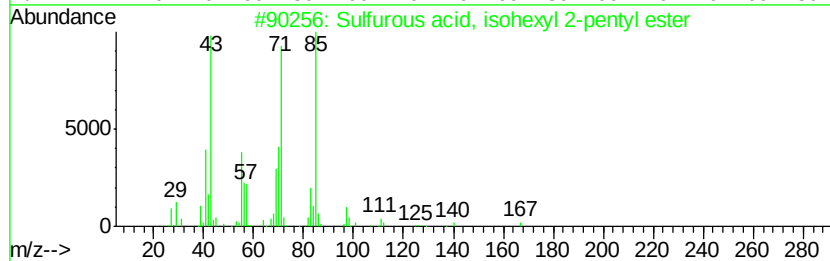
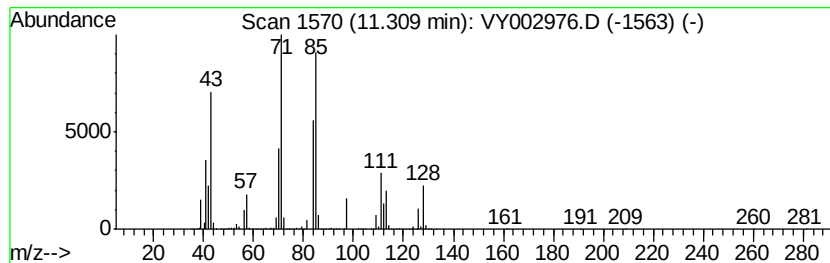
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Quant Title : SW846 8260

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

Peak Number 9 unknown11.31 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	105.28 ug/l	150982000	Chlorobenzene-d5	11.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, isohexyl 2-pentyl...	236	C11H24O3S	1000309-15-5	47
2		Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	47
3		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	47
4		Octane, 4-methyl-	128	C9H20	002216-34-4	42
5		1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
Data File : VY002976.D
Acq On : 22 Jun 2020 16:10
Operator : SY/MD
Sample : L3071-01
Misc : 7.06G/5ML/MSVOA Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

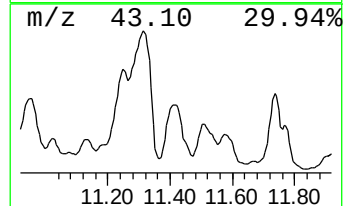
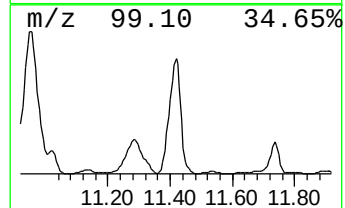
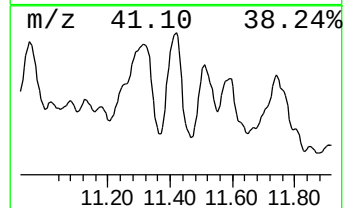
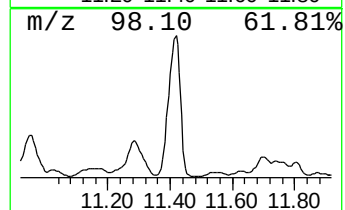
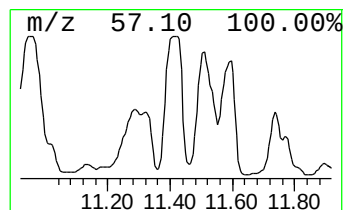
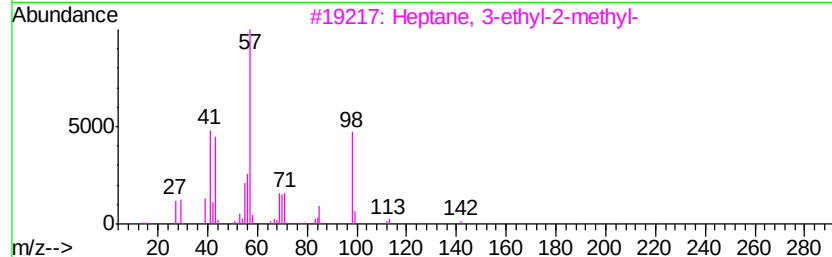
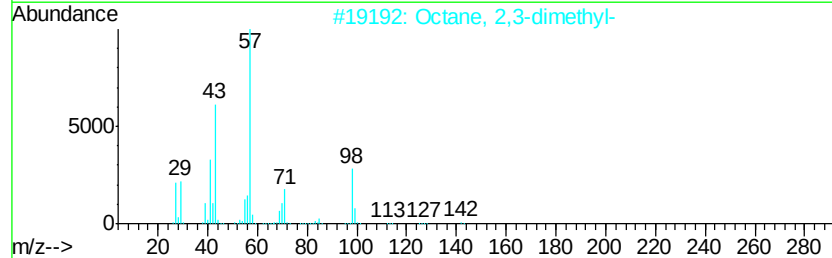
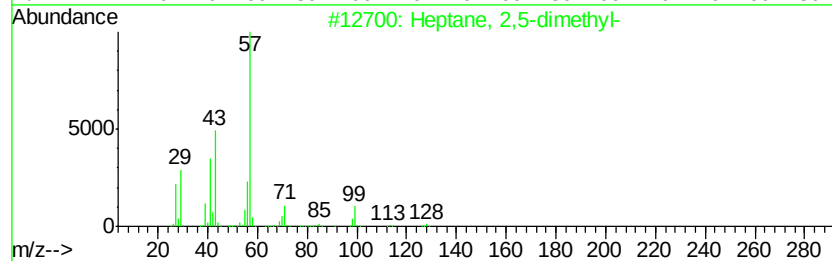
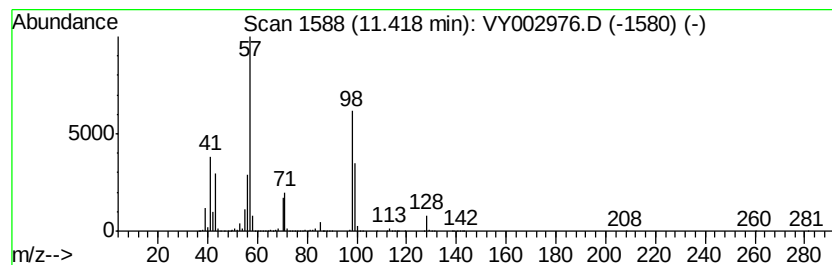
Instrument :
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ClientSampleId :
TW-7.5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
Quant Title : SW846 8260

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

Peak Number 10 Octane, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	58.34 ug/l	83664600	Chlorobenzene-d5	11.51
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Heptane, 2,5-dimethyl-	128 C9H20	002216-30-0 64
2		Octane, 2,3-dimethyl-	142 C10H22	007146-60-3 59
3		Heptane, 3-ethyl-2-methyl-	142 C10H22	014676-29-0 50
4		Heptane, 3,5-dimethyl-	128 C9H20	000926-82-9 50
5		Hexane, 4-ethyl-2-methyl-	128 C9H20	003074-75-7 40



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY062220\
 Data File : VY002976.D
 Acq On : 22 Jun 2020 16:10
 Operator : SY/MD
 Sample : L3071-01
 Misc : 7.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TW-7.5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.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
Furan, tetrahydro...	7.93	50.0	ug/l	408213000	1	7.82	408213000	50.0
Pentane, 2,2,3-tr...	8.39	210.9	ug/l	294701000	2	8.72	69858300	50.0
Octane	9.29	384.0	ug/l	536526000	2	8.72	69858300	50.0
Butane, 1,1'-oxyb...	9.73	115.2	ug/l	160929000	2	8.72	69858300	50.0
Hexane, 3-ethyl-	10.05	169.3	ug/l	236594000	2	8.72	69858300	50.0
unknown10.67	10.67	71.4	ug/l	102331000	3	11.51	71704200	50.0
Heptane, 2,6-dime...	10.85	56.2	ug/l	80576500	3	11.51	71704200	50.0
Heptane, 2,5-dime...	10.95	49.2	ug/l	70508300	3	11.51	71704200	50.0
unknown11.31	11.31	105.3	ug/l	150982000	3	11.51	71704200	50.0
Octane, 2,3-dimet...	11.42	58.3	ug/l	83664600	3	11.51	71704200	50.0