

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
 Data File : VY001241.D
 Acq On : 16 Jan 2020 00:49
 Operator : SY/MD
 Sample : L1136-03
 Misc : 8.34G/5ML/MSVOA Y/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB457_200113_20-21

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\82Y011020S.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	4.773	475	498	517	rBV4	48316	252290	2.05%	0.952%
2	5.249	561	576	594	rBV2	35433	127466	1.04%	0.481%
3	5.761	646	660	677	rVB2	51174	162647	1.32%	0.614%
4	7.730	970	983	987	rBV	130333	314100	2.56%	1.186%
5	7.797	987	994	1002	rVV3	260516	686034	5.58%	2.589%
6	8.010	1018	1029	1035	rBV	87015	202316	1.65%	0.764%
7	8.157	1045	1053	1064	rVB2	145999	347821	2.83%	1.313%
8	8.334	1077	1082	1091	rVV3	75733	220443	1.79%	0.832%
9	8.699	1132	1142	1150	rBV	352321	709677	5.77%	2.679%
10	9.187	1207	1222	1228	rBV2	157406	372951	3.03%	1.408%
11	9.754	1303	1315	1320	rBV	61094	132269	1.08%	0.499%
12	9.955	1338	1348	1361	rVB3	58166	157003	1.28%	0.593%
13	10.181	1378	1385	1401	rVB	647146	1157575	9.42%	4.369%
14	11.272	1557	1564	1575	rVB5	56025	174649	1.42%	0.659%
15	11.376	1575	1581	1586	rBV	91990	149037	1.21%	0.563%
16	11.516	1592	1604	1611	rBV	7274770	12290943	100.00%	46.393%
17	11.735	1635	1640	1644	rVV	102634	203731	1.66%	0.769%
18	12.004	1676	1684	1690	rBV4	144862	348370	2.83%	1.315%
19	12.119	1699	1703	1707	rVB	132771	179062	1.46%	0.676%
20	12.199	1707	1716	1719	rBV4	139989	311904	2.54%	1.177%
21	12.241	1719	1723	1728	rVB3	140054	251314	2.04%	0.949%
22	12.412	1748	1751	1756	rVB2	125587	190907	1.55%	0.721%
23	12.479	1756	1762	1768	rBV	457257	731245	5.95%	2.760%
24	12.558	1768	1775	1780	rBV6	48103	131901	1.07%	0.498%
25	12.644	1784	1789	1796	rVB3	153541	323376	2.63%	1.221%
26	12.723	1796	1802	1808	rBV6	65030	175245	1.43%	0.661%
27	12.808	1809	1816	1820	rVV6	158086	381594	3.10%	1.440%
28	12.857	1821	1824	1829	rVB2	90363	135832	1.11%	0.513%
29	12.949	1834	1839	1842	rBV4	75400	134115	1.09%	0.506%
30	13.040	1850	1854	1862	rVB2	147546	247977	2.02%	0.936%
31	13.241	1881	1887	1892	rVV5	106223	269310	2.19%	1.017%
32	13.314	1892	1899	1903	rVV3	154522	329375	2.68%	1.243%
33	13.363	1903	1907	1912	rVV	449830	696520	5.67%	2.629%
34	13.442	1912	1920	1927	rVB2	1019639	2255637	18.35%	8.514%

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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	13.692	1954	1961	1963	rBV2	61677	133274	1.08%	0.503%
36	13.735	1963	1968	1975	rVB2	603331	1054319	8.58%	3.980%
37	14.076	2018	2024	2029	rBV3	104902	192544	1.57%	0.727%
38	14.259	2049	2054	2057	rBV3	119123	226172	1.84%	0.854%
39	14.668	2116	2121	2128	rBV3	55477	132302	1.08%	0.499%

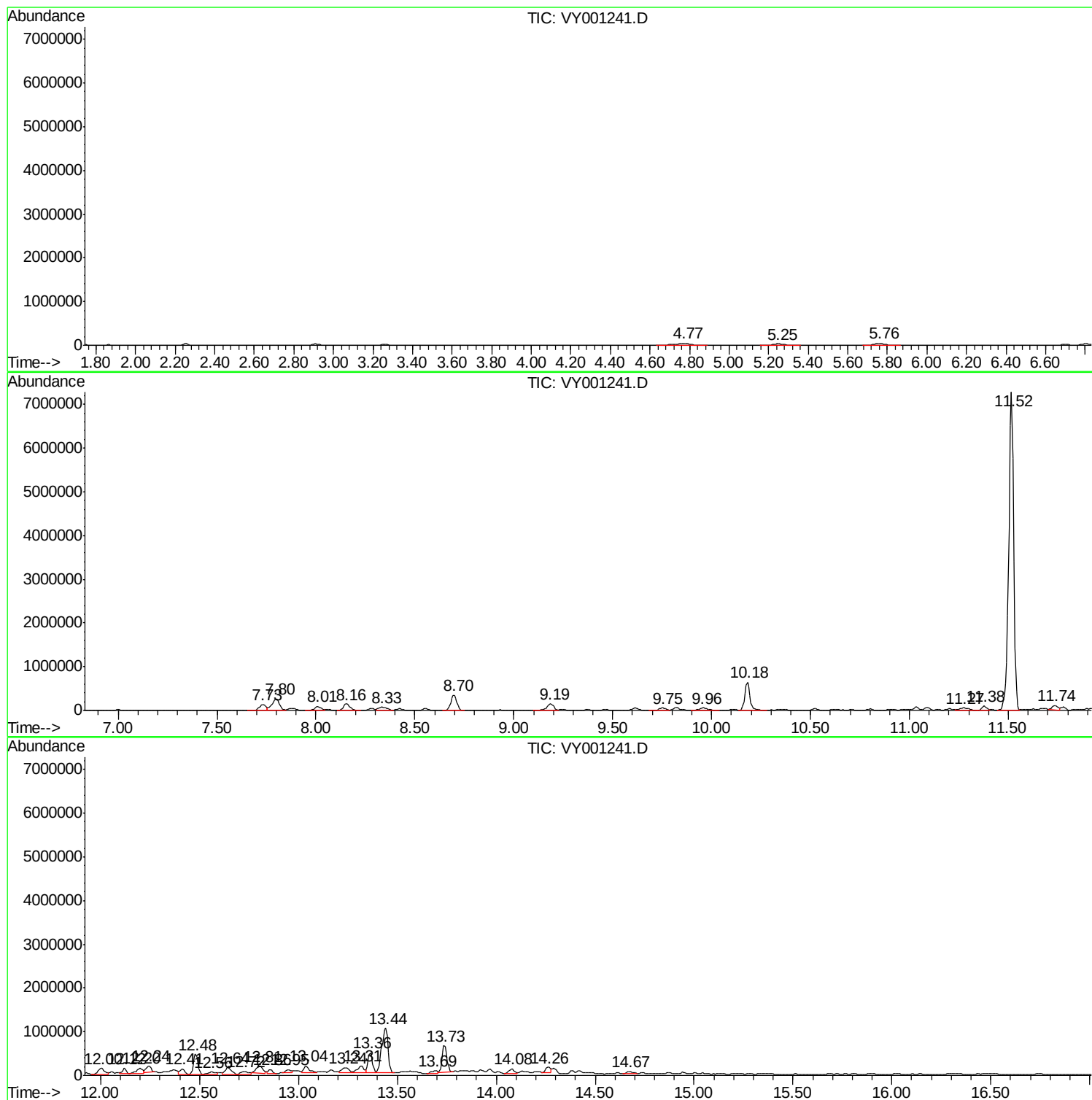
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

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



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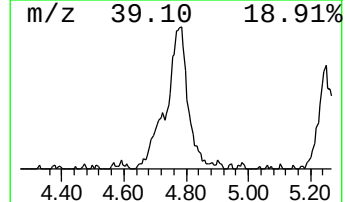
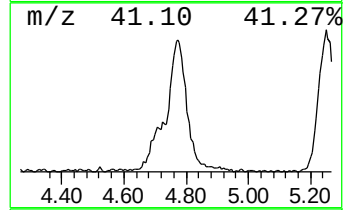
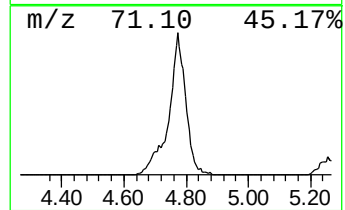
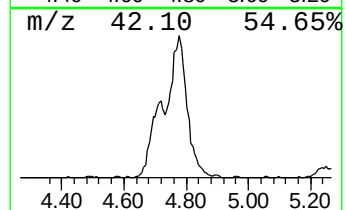
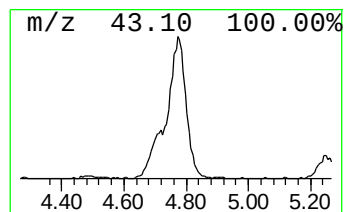
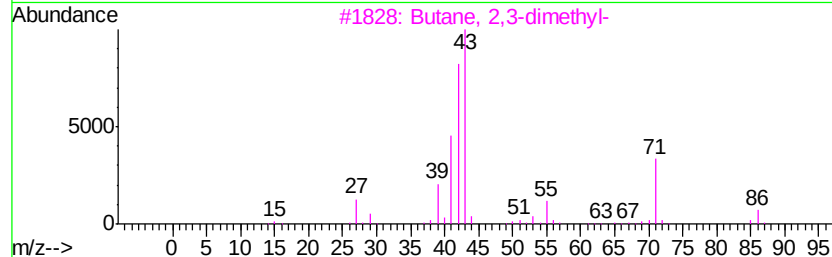
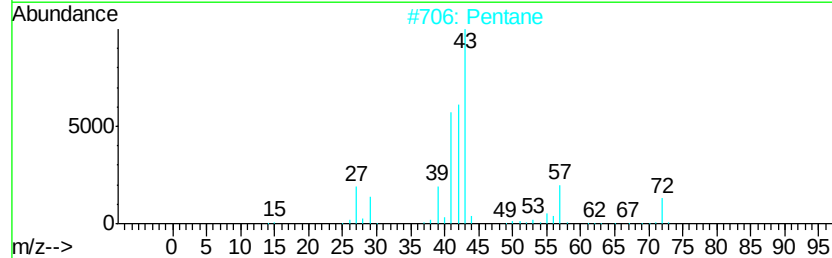
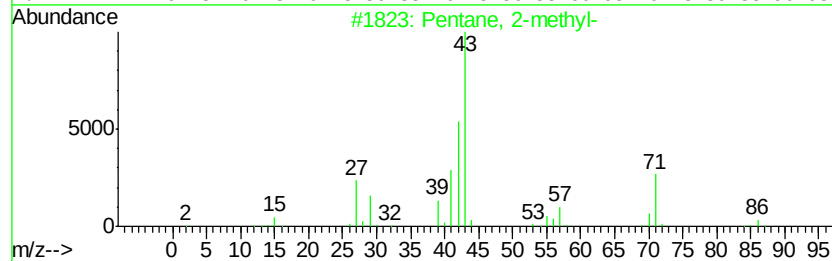
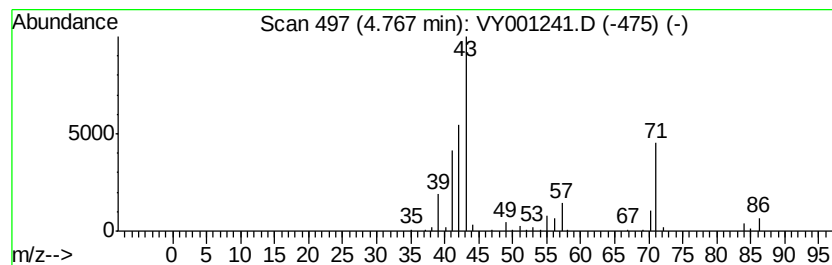
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

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

Peak Number 1 Pentane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	18.39 ug/l	252290	Pentafluorobenzene	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2		Pentane	72	C5H12	000109-66-0	46
3		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	43
4		Pentane, 2-bromo-	150	C5H11Br	000107-81-3	39
5		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	37



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ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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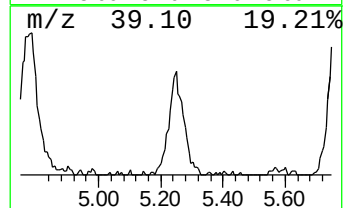
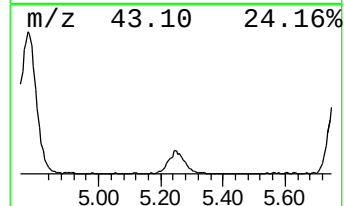
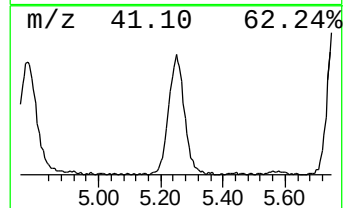
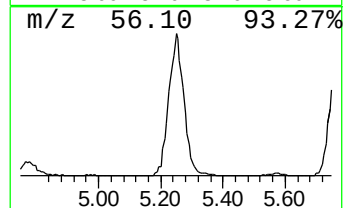
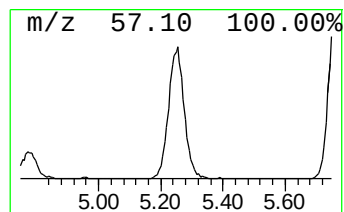
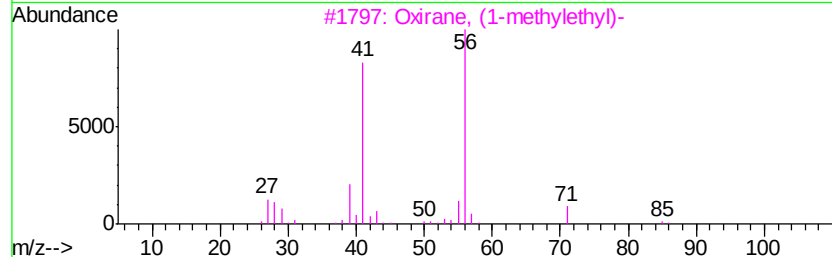
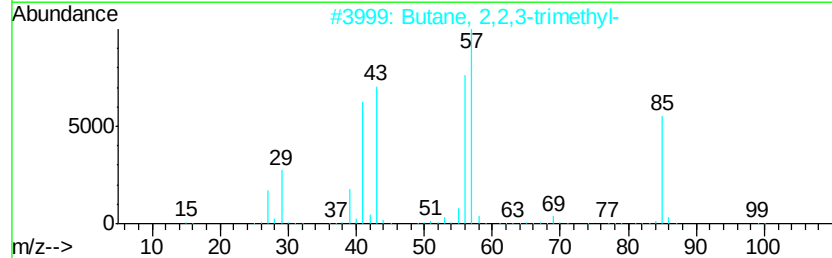
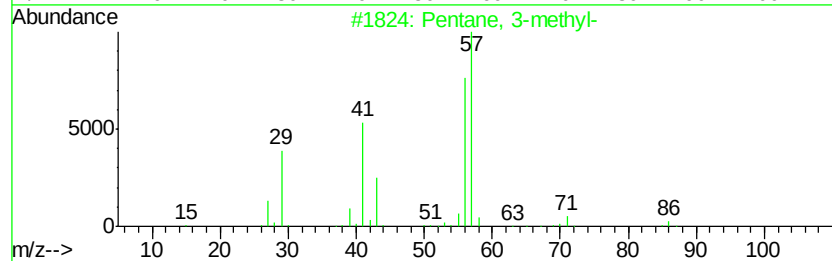
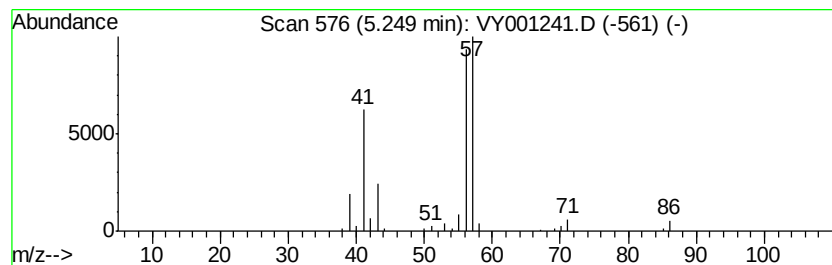
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Peak Number 2 Pentane, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	9.29 ug/l	127466	Pentafluorobenzene	7.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2			Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	74
3			Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	45
4			Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	43
5			Sulphuric acid dibutyl ester	210	C8H18O4S	000625-22-9	40



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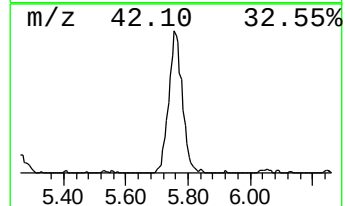
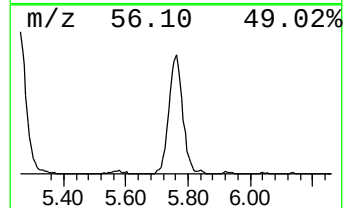
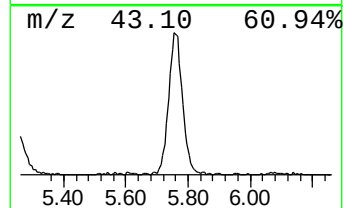
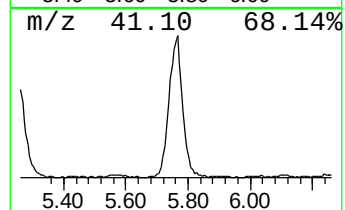
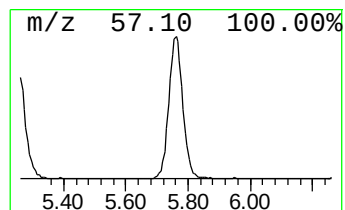
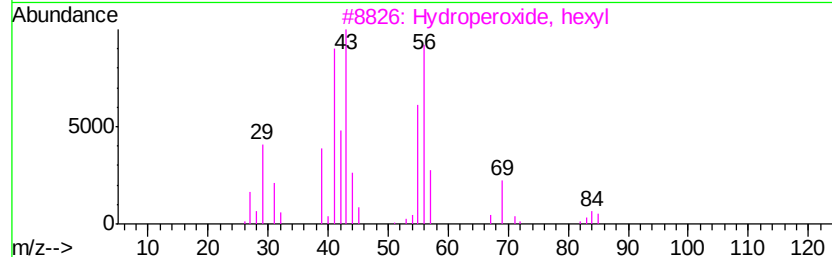
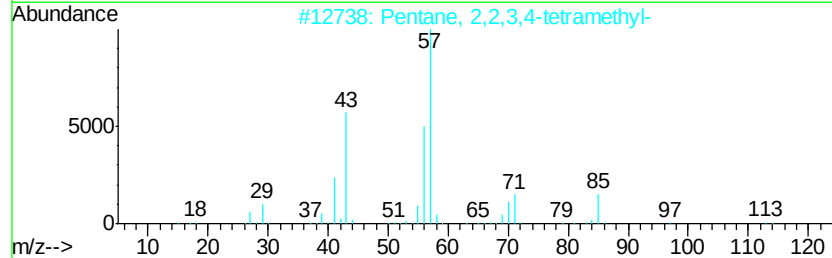
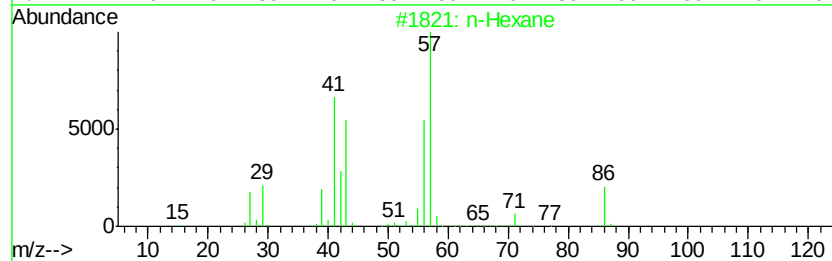
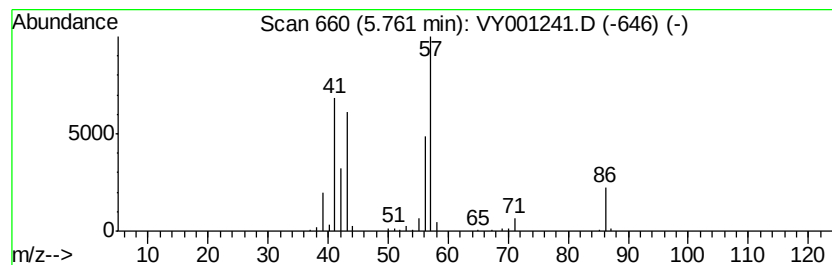
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Quant Title : SW846 8260

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

Peak Number 3 n-Hexane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.76	11.85 ug/l	162647	Pentafluorobenzene	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	91
2		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	47
3		Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	37
4		Pentane, 3-methyl-	86	C6H14	000096-14-0	28
5		1-Propanol, 2,2-dimethyl-	88	C5H12O	000075-84-3	25



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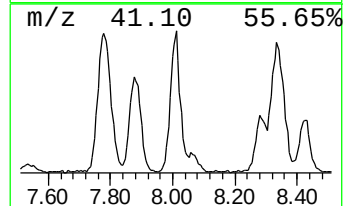
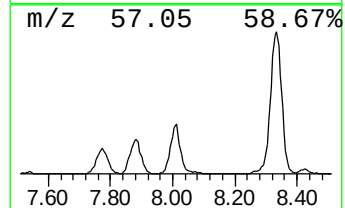
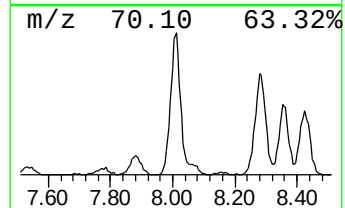
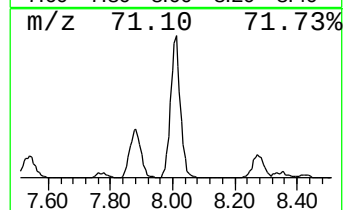
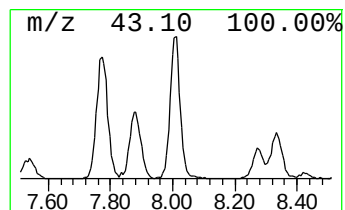
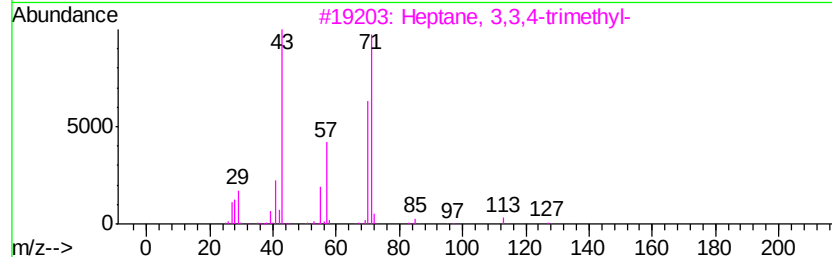
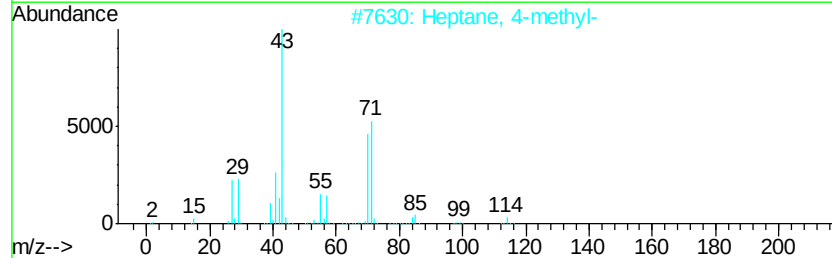
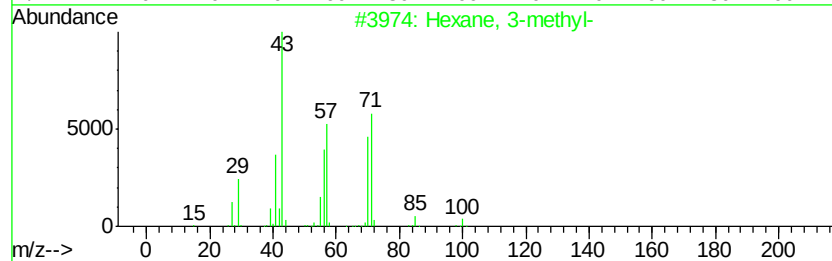
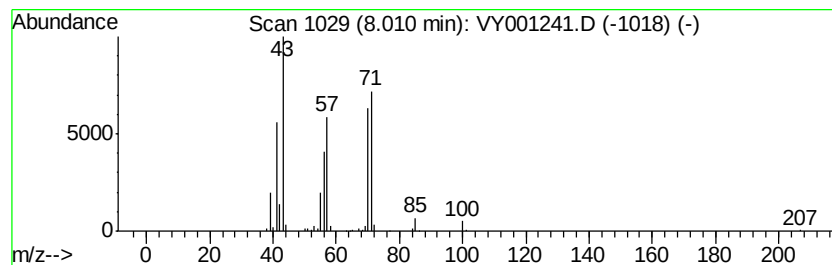
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexane, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	14.75 ug/l	202316	Pentafluorobenzene	7.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-		100	C7H16	000589-34-4	94
2	Heptane, 4-methyl-		114	C8H18	000589-53-7	59
3	Heptane, 3,3,4-trimethyl-		142	C10H22	020278-87-9	53
4	Pentane, 2,3,4-trimethyl-		114	C8H18	000565-75-3	53
5	Hexane, 2,3-dimethyl-		114	C8H18	000584-94-1	47



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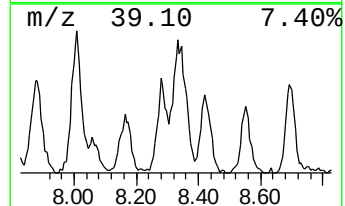
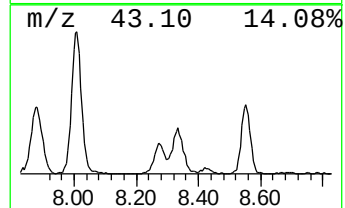
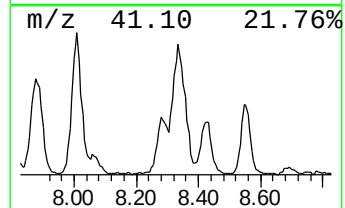
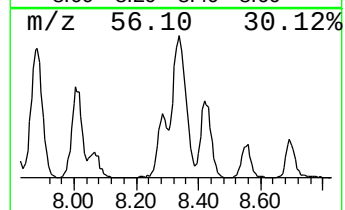
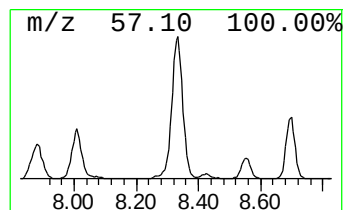
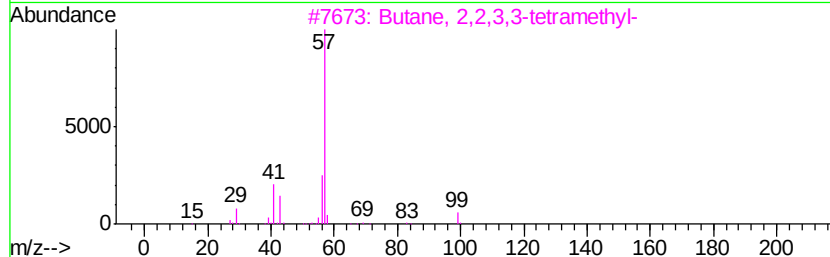
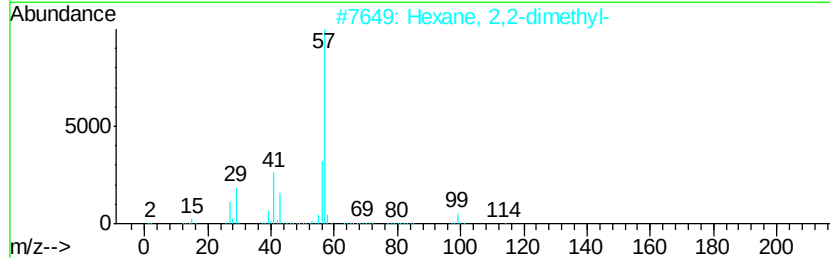
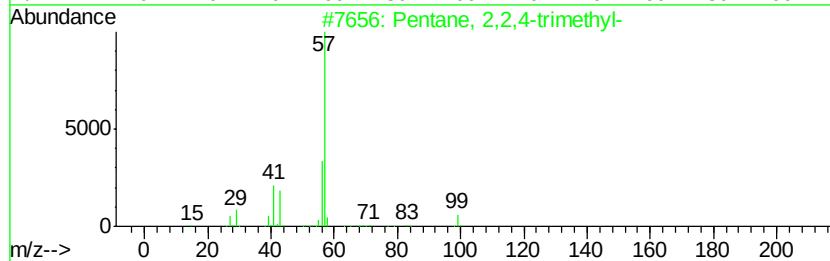
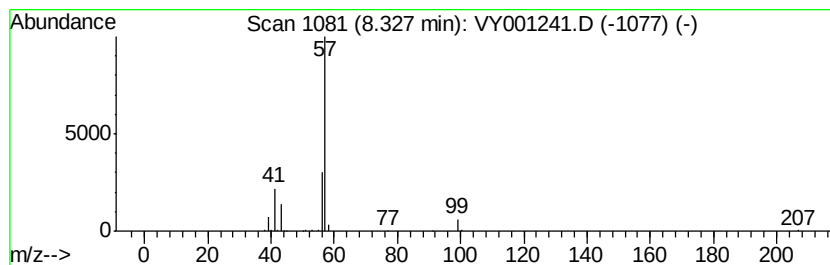
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	15.53 ug/l	220443	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	72
2		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
3		Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
4		Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	36
5		Acetamide, N-2-propenyl-	99	C5H9NO	000692-33-1	23



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
Data File : VY001241.D
Acq On : 16 Jan 2020 00:49
Operator : SY/MD
Sample : L1136-03
Misc : 8.34G/5ML/MSVOA Y/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_20-21

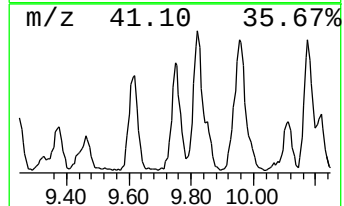
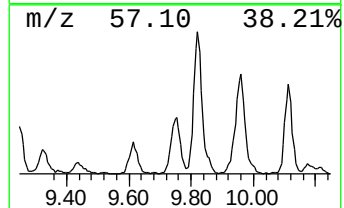
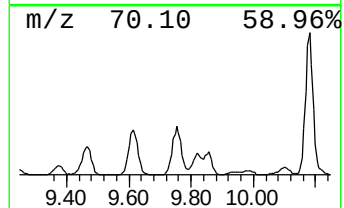
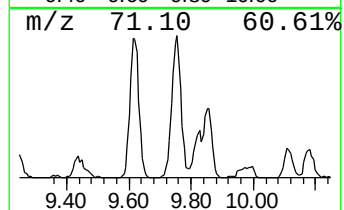
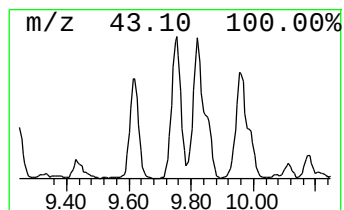
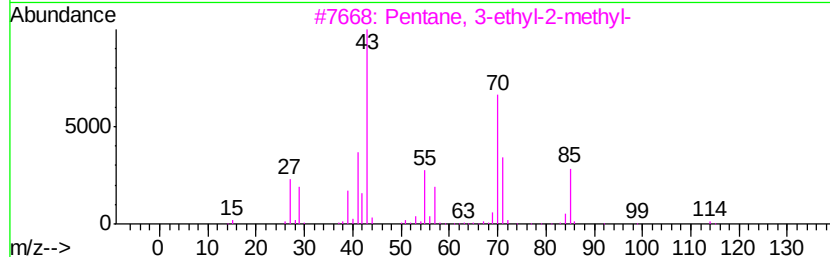
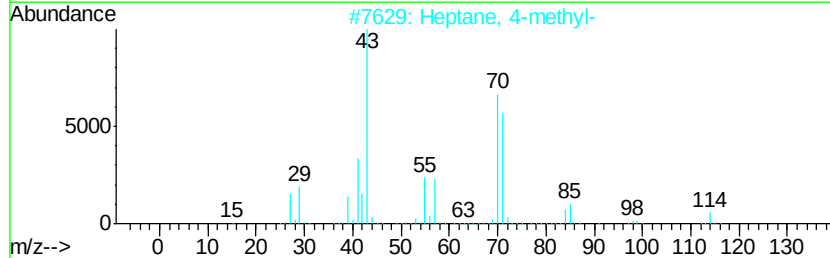
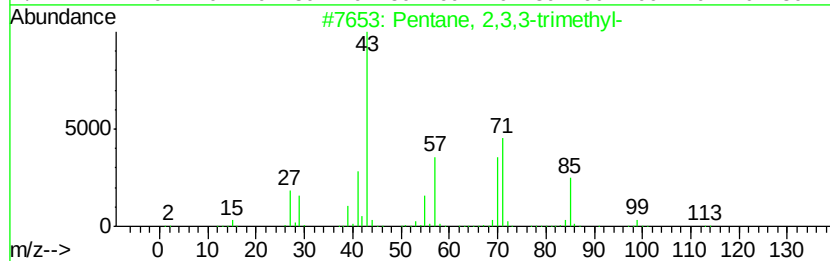
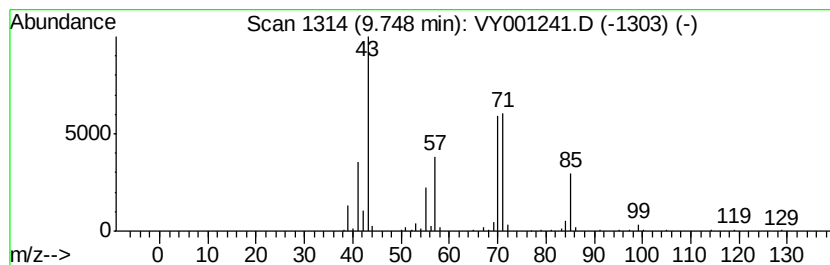
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	9.32 ug/l	132269	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	80
2		Heptane, 4-methyl-	114	C8H18	000589-53-7	64
3		Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	64
4		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59
5		Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
Data File : VY001241.D
Acq On : 16 Jan 2020 00:49
Operator : SY/MD
Sample : L1136-03
Misc : 8.34G/5ML/MSVOA Y/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_20-21

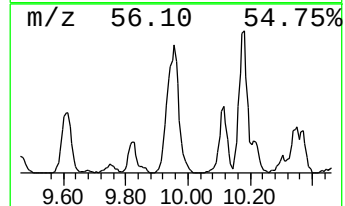
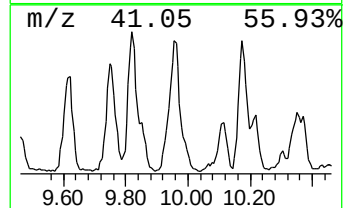
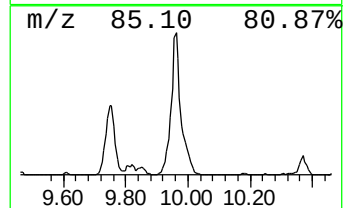
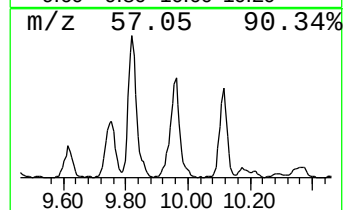
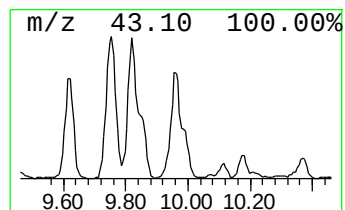
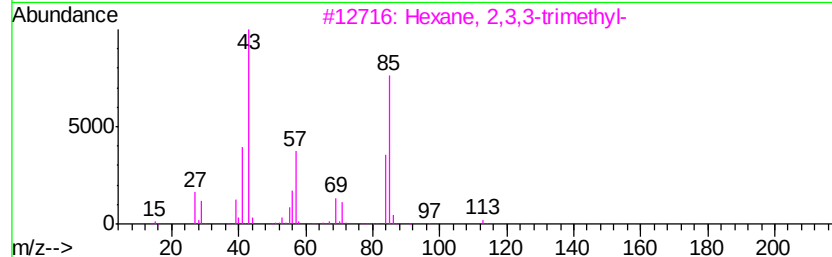
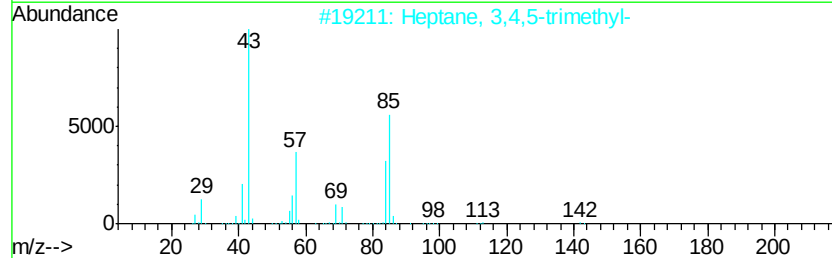
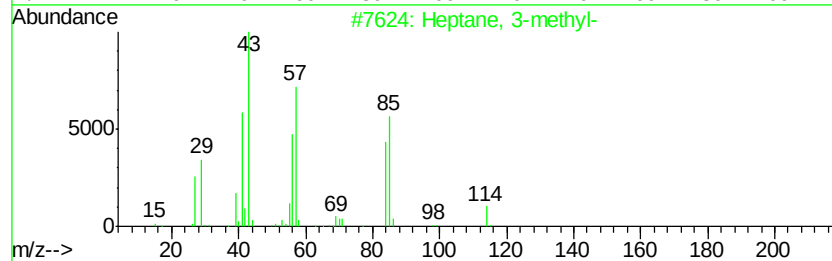
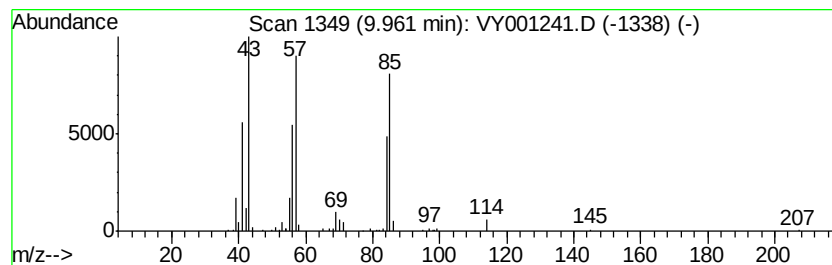
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Quant Title : SW846 8260

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

Peak Number 7 Heptane, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	11.06 ug/l	157003	1,4-Difluorobenzene	8.70

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	94	
2	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64	
3	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	64	
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59	
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	59	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
Data File : VY001241.D
Acq On : 16 Jan 2020 00:49
Operator : SY/MD
Sample : L1136-03
Misc : 8.34G/5ML/MSVOA Y/SOIL
ALS Vial : 38 Sample Multiplier: 1

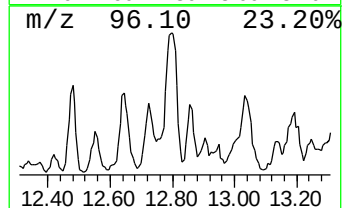
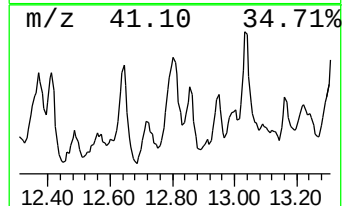
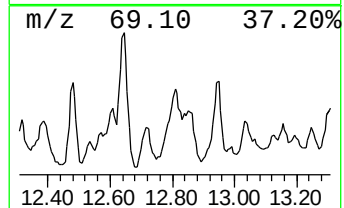
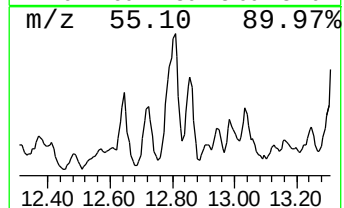
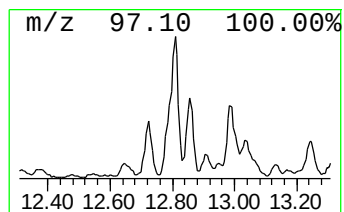
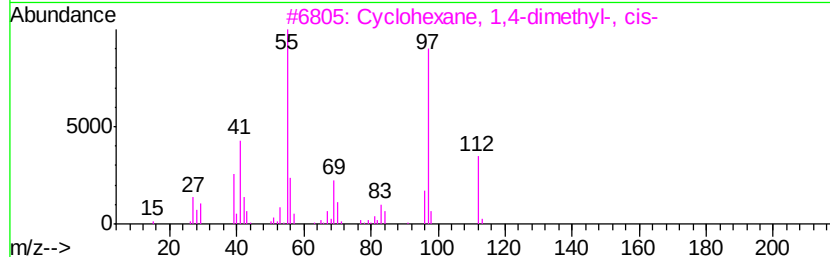
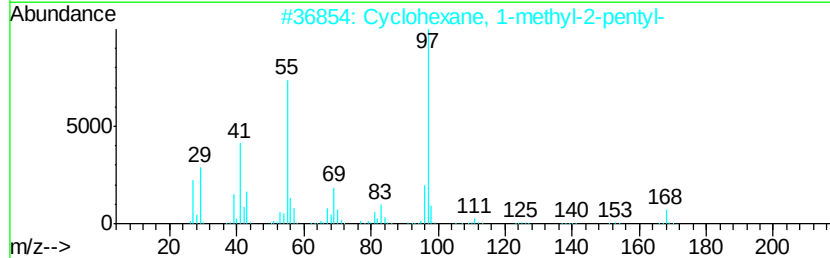
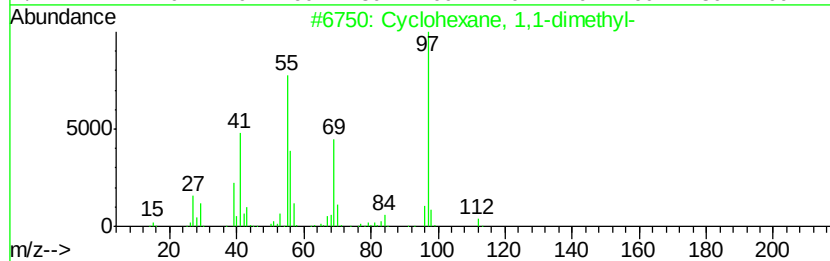
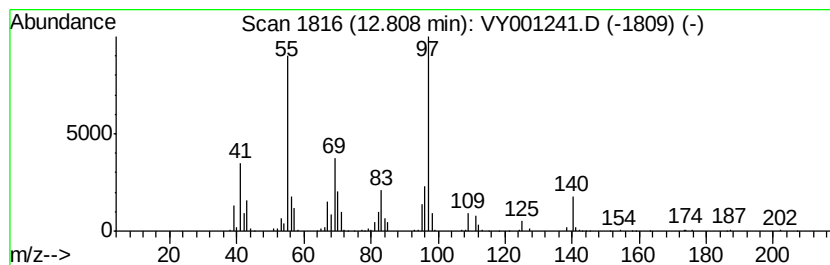
Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_20-21

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

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

Peak Number 8 Cyclohexane, 1,1-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	8.46 ug/l	381594	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1,1-dimethyl-	112 C8H16	000590-66-9 60
2		Cyclohexane, 1-methyl-2-pentyl-	168 C12H24	054411-01-7 53
3		Cyclohexane, 1,4-dimethyl-, cis-	112 C8H16	000624-29-3 50
4		Sulfurous acid, cyclohexylmethyl...	262 C13H26O3S	1000309-21-5 50
5		Cyclohexane, 1-methyl-3-propyl-	140 C10H20	004291-80-9 49



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
Data File : VY001241.D
Acq On : 16 Jan 2020 00:49
Operator : SY/MD
Sample : L1136-03
Misc : 8.34G/5ML/MSVOA_Y/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_20-21

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.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-methyl-	4.77	18.4	ug/l	252290	1	7.80	686034	50.0
Pentane, 3-methyl-	5.25	9.3	ug/l	127466	1	7.80	686034	50.0
n-Hexane	5.76	11.9	ug/l	162647	1	7.80	686034	50.0
Hexane, 3-methyl-	8.01	14.8	ug/l	202316	1	7.80	686034	50.0
Pentane, 2,2,4-tr...	8.33	15.5	ug/l	220443	2	8.70	709677	50.0
Pentane, 2,3,3-tr...	9.75	9.3	ug/l	132269	2	8.70	709677	50.0
Heptane, 3-methyl-	9.96	11.1	ug/l	157003	2	8.70	709677	50.0
Cyclohexane, 1,1-...	12.81	8.5	ug/l	381594	4	13.42	2255640	50.0