

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022020\
 Data File : VY001718.D
 Acq On : 20 Feb 2020 12:59
 Operator : SY/MD
 Sample : L1601-01
 Misc : 4.18G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-2

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\82Y021720S.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	3.962	354	365	376	rBV3	13908	46919	30.30%	2.700%
2	4.737	477	492	505	rBV3	15614	56891	36.74%	3.274%
3	5.267	568	579	588	rBV3	4962	17272	11.15%	0.994%
4	6.559	780	791	799	rBV2	3209	9664	6.24%	0.556%
5	6.718	805	817	830	rBV2	22599	70963	45.83%	4.083%
6	6.907	838	848	852	rBV4	1136	2808	1.81%	0.162%
7	7.004	854	864	874	rVV5	6311	19950	12.88%	1.148%
8	7.492	933	944	945	rBV6	1448	2471	1.60%	0.142%
9	7.559	945	955	963	rVB3	7010	21409	13.83%	1.232%
10	7.742	977	985	991	rBV2	12028	28817	18.61%	1.658%
11	7.815	991	997	1003	rVV2	24961	55623	35.92%	3.201%
12	7.895	1003	1010	1021	rVB2	57633	141572	91.43%	8.146%
13	8.084	1034	1041	1047	rBV4	3078	7370	4.76%	0.424%
14	8.169	1047	1055	1067	rVB3	13648	35884	23.17%	2.065%
15	8.297	1067	1076	1079	rBV3	21226	48572	31.37%	2.795%
16	8.346	1079	1084	1096	rVV	57449	154841	100.00%	8.910%
17	8.437	1096	1099	1109	rVB3	1734	3421	2.21%	0.197%
18	8.711	1134	1144	1156	rBV	39848	79880	51.59%	4.596%
19	8.943	1172	1182	1189	rBV6	4213	10259	6.63%	0.590%
20	9.169	1212	1219	1231	rBV4	7929	22562	14.57%	1.298%
21	9.266	1231	1235	1241	rVB7	2637	5323	3.44%	0.306%
22	9.345	1241	1248	1253	rBV2	4225	8613	5.56%	0.496%
23	9.480	1261	1270	1276	rBV2	6315	13208	8.53%	0.760%
24	9.632	1287	1295	1305	rVB2	27371	53439	34.51%	3.075%
25	9.766	1305	1317	1324	rBV	51980	110035	71.06%	6.332%
26	9.882	1331	1336	1341	rVB5	2353	4564	2.95%	0.263%
27	9.955	1342	1348	1354	rVB4	3784	6707	4.33%	0.386%
28	10.022	1354	1359	1364	rVB2	1055	1561	1.01%	0.090%
29	10.120	1368	1375	1380	rVB6	2510	5246	3.39%	0.302%
30	10.193	1380	1387	1396	rBV	62599	115069	74.31%	6.621%
31	10.327	1404	1409	1410	rBV2	1120	1866	1.21%	0.107%
32	10.358	1410	1414	1418	rVV4	1989	3767	2.43%	0.217%
33	10.534	1437	1443	1449	rBV4	3487	6024	3.89%	0.347%
34	10.620	1449	1457	1466	rVB4	16459	35664	23.03%	2.052%

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Integration Parameters: RTEINT.P

Integrator: RTE
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35	10.894	1496	1502	1507	rBV2	3367	5348	3.45%	0.308%
36	11.010	1518	1521	1526	rVB4	2369	3984	2.57%	0.229%
37	11.217	1550	1555	1565	rVB4	1784	3489	2.25%	0.201%
38	11.333	1569	1574	1579	rBV3	1847	2731	1.76%	0.157%
39	11.504	1595	1602	1609	rVB	48341	78393	50.63%	4.511%
40	11.601	1609	1618	1626	rBV6	2802	6545	4.23%	0.377%
41	11.717	1631	1637	1640	rVV	3665	5854	3.78%	0.337%
42	11.754	1640	1643	1648	rVB4	1755	3130	2.02%	0.180%
43	12.040	1687	1690	1695	rVB5	1326	2039	1.32%	0.117%
44	12.345	1736	1740	1744	rBV4	1126	1865	1.20%	0.107%
45	12.497	1759	1765	1772	rBV2	36956	58329	37.67%	3.356%
46	12.680	1793	1795	1800	rVB3	1389	1667	1.08%	0.096%
47	12.991	1840	1846	1850	rVB4	1024	1731	1.12%	0.100%
48	13.089	1855	1862	1867	rVV3	2455	3930	2.54%	0.226%
49	13.266	1885	1891	1895	rBV4	3115	5581	3.60%	0.321%
50	13.442	1913	1920	1927	rVB	44141	66521	42.96%	3.828%
51	13.515	1927	1932	1933	rBV	1875	2178	1.41%	0.125%
52	13.540	1933	1936	1939	rVV2	2371	2960	1.91%	0.170%
53	13.607	1941	1947	1949	rBV	28136	40693	26.28%	2.342%
54	13.644	1949	1953	1958	rVV2	68635	105278	67.99%	6.058%
55	13.686	1958	1960	1969	rVB4	7697	12770	8.25%	0.735%
56	13.772	1969	1974	1978	rBV4	1152	2124	1.37%	0.122%
57	13.912	1994	1997	2002	rVB5	1577	2281	1.47%	0.131%
58	14.046	2013	2019	2022	rBV3	3723	5945	3.84%	0.342%
59	14.095	2022	2027	2034	rVB	33081	53551	34.58%	3.081%
60	14.497	2089	2093	2097	rBV6	1987	3129	2.02%	0.180%
61	14.582	2099	2107	2118	rVB6	8792	22460	14.51%	1.292%
62	14.704	2121	2127	2132	rBV2	8324	13291	8.58%	0.765%
63	15.070	2182	2187	2193	rVB6	1867	4188	2.70%	0.241%
64	15.247	2213	2216	2217	rBV2	1753	1783	1.15%	0.103%
65	15.283	2218	2222	2229	rVB5	2784	5894	3.81%	0.339%

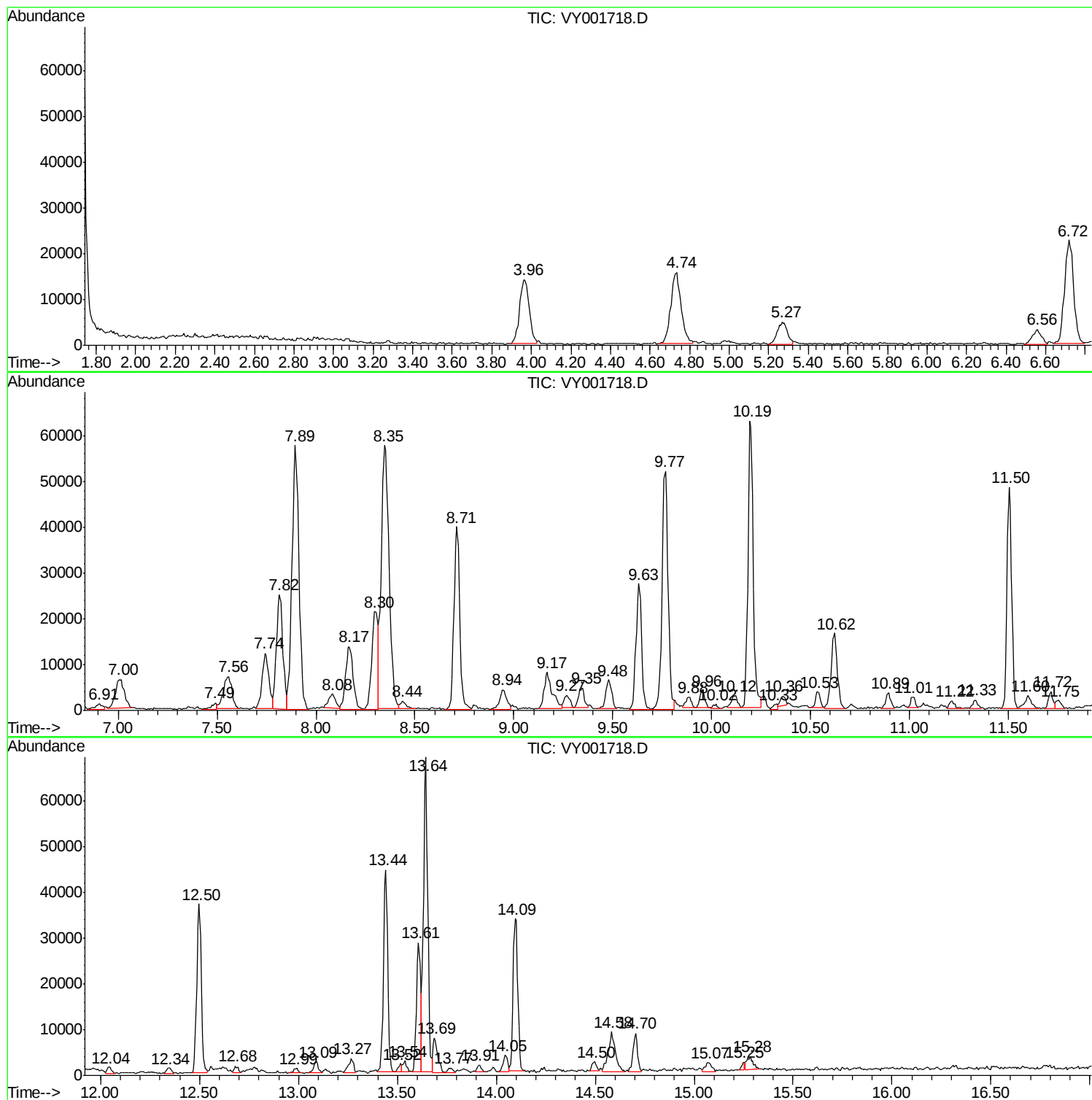
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260

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



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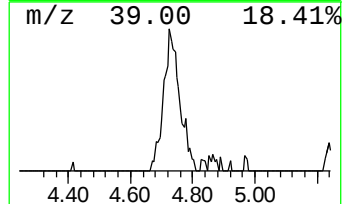
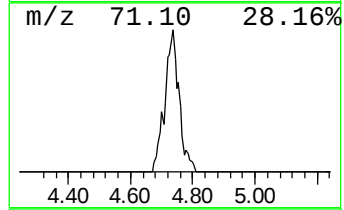
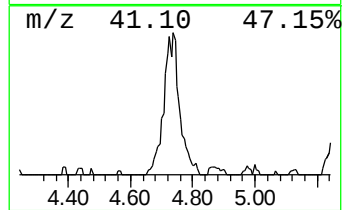
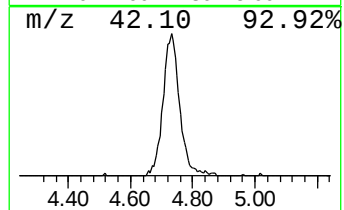
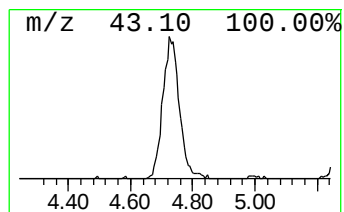
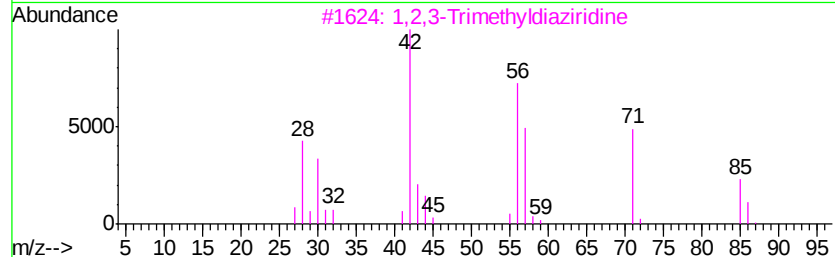
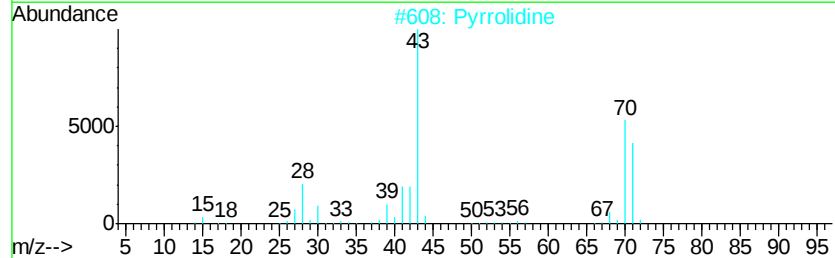
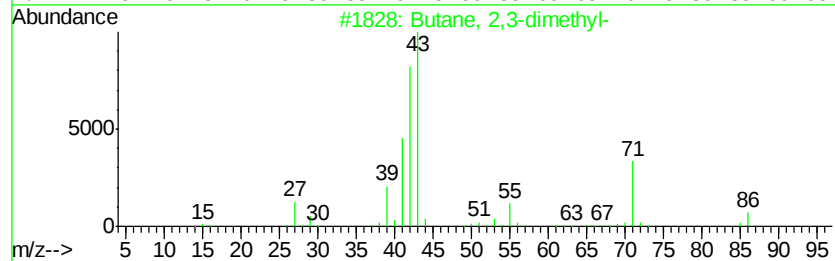
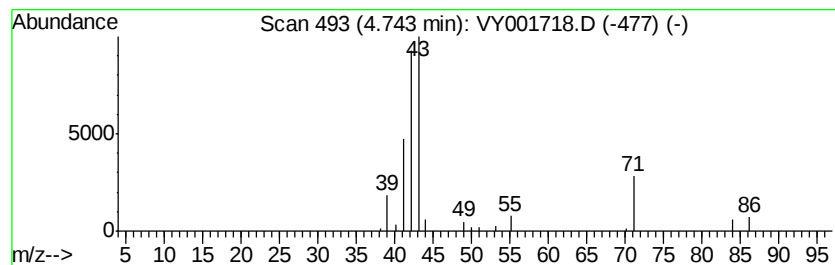
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260

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

Peak Number 1 Butane, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	51.14 ug/l	56891	Pentafluorobenzene	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
2		Pyrrolidine	71	C4H9N	000123-75-1	9
3		1,2,3-Trimethyldiaziridine	86	C4H10N2	113604-56-1	9
4		Pentane, 2-methyl-	86	C6H14	000107-83-5	9
5		1,2,4,5-Tetrazine, 1,4-dihydro-3...	112	C4H8N4	037454-64-1	9



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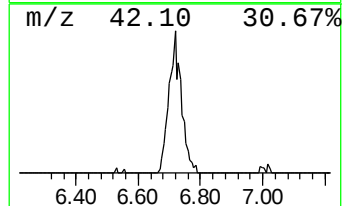
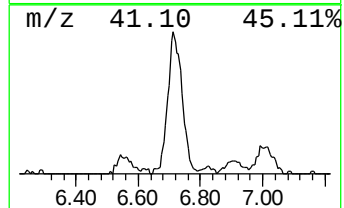
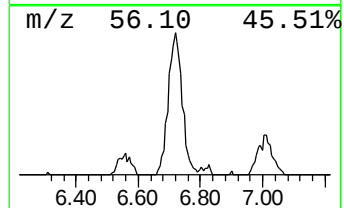
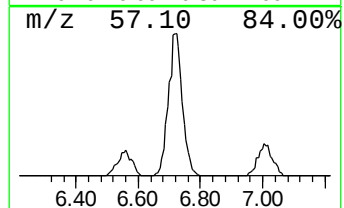
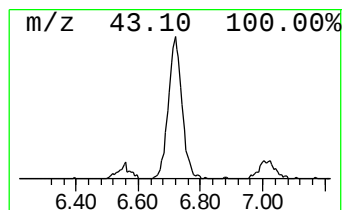
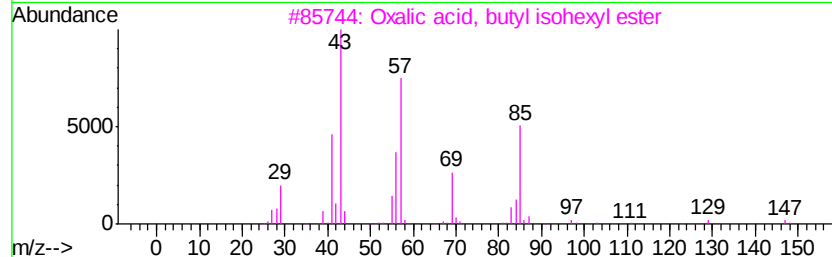
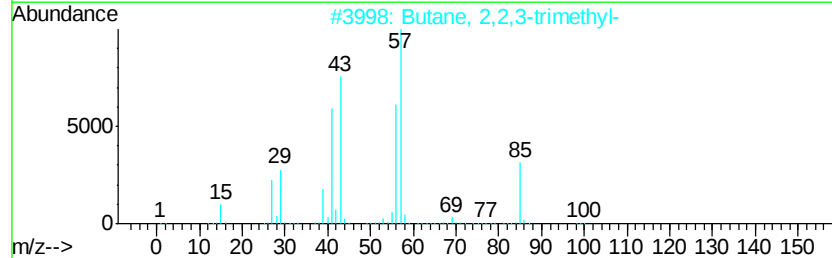
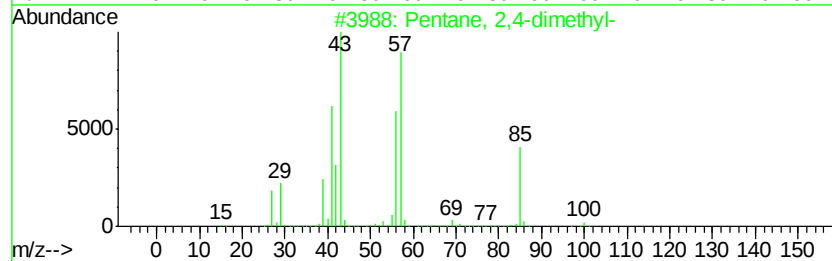
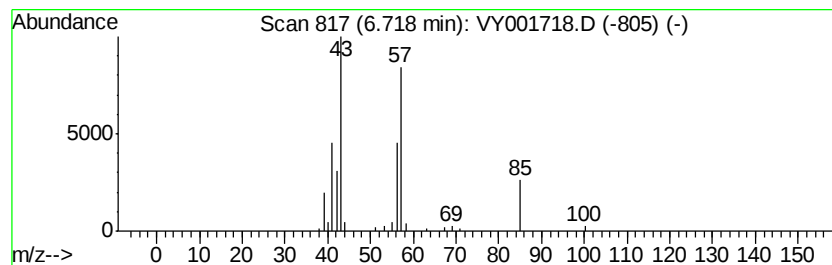
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	63.79 ug/l	70963	Pentafluorobenzene	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	86
2		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
3		Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	64
4		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	59
5		.alpha.-Amino-.gamma.-butyrolactone	101	C4H7NO2	001192-20-7	42



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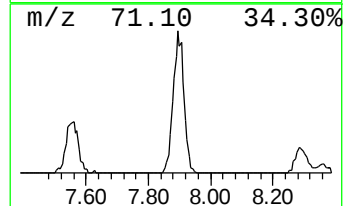
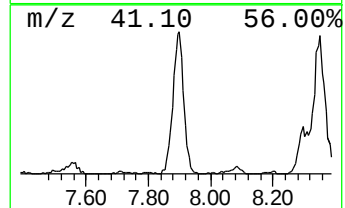
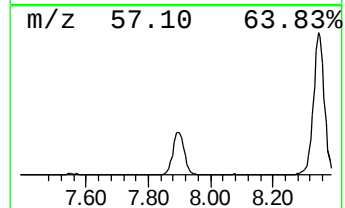
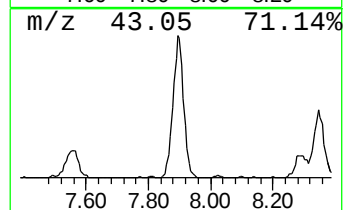
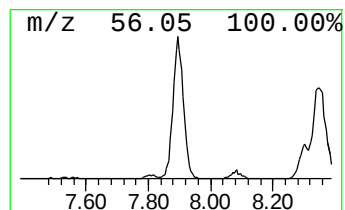
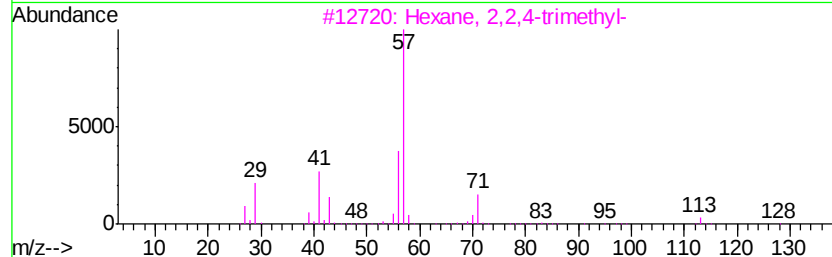
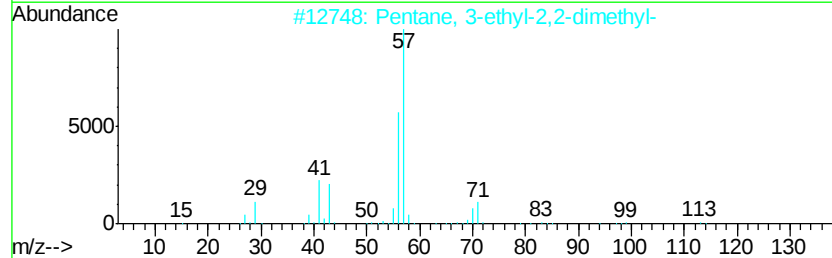
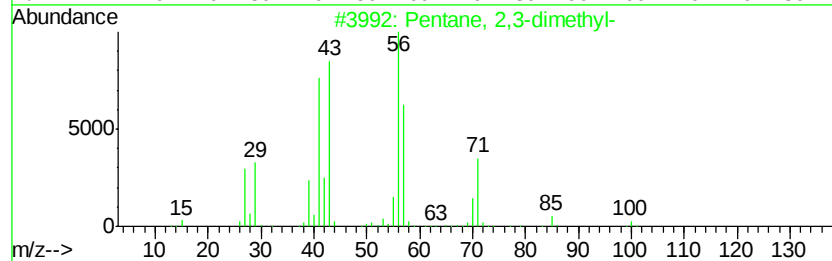
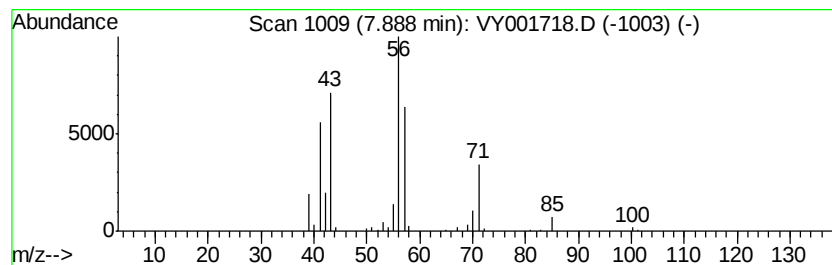
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	127.26 ug/l	141572	Pentafluorobenzene	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	94
2		Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	45
3		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	42
4		Propane, 1-isocyanato-	85	C4H7NO	000110-78-1	38
5		Aziridine, 2-methyl-	57	C3H7N	000075-55-8	37



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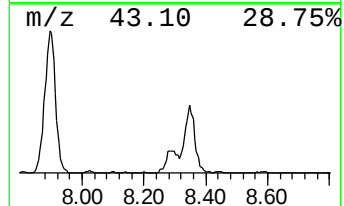
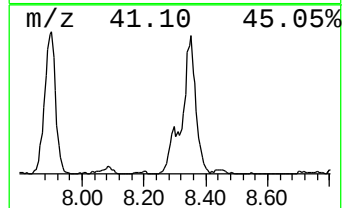
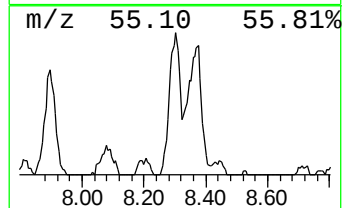
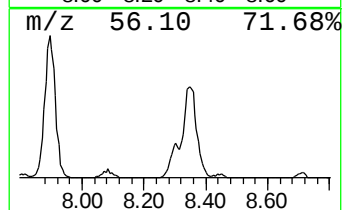
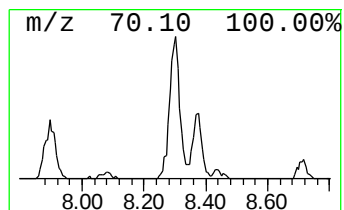
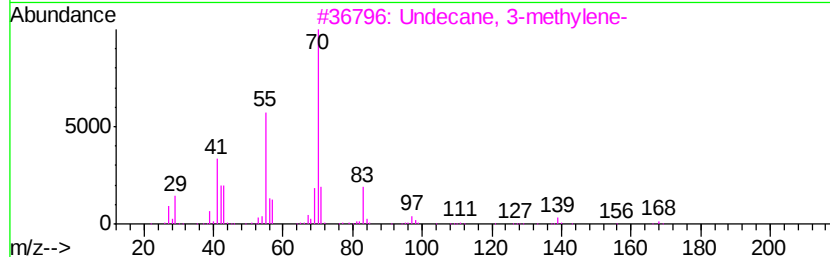
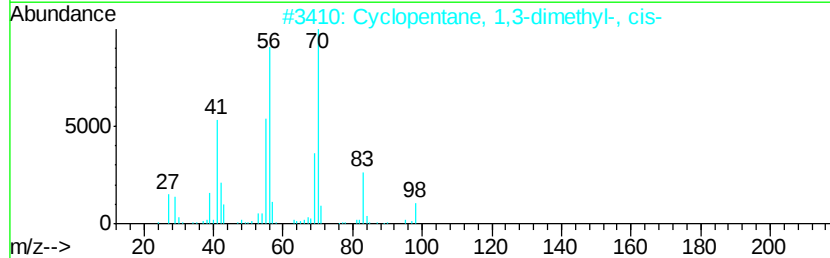
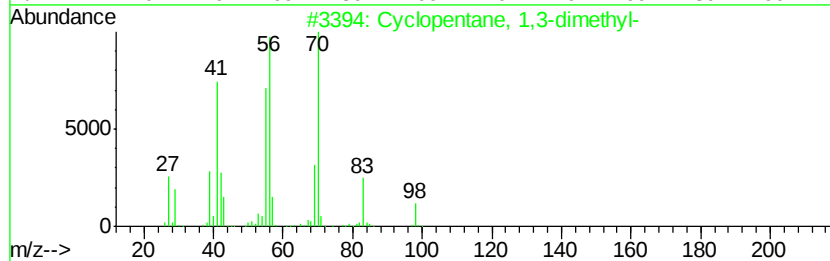
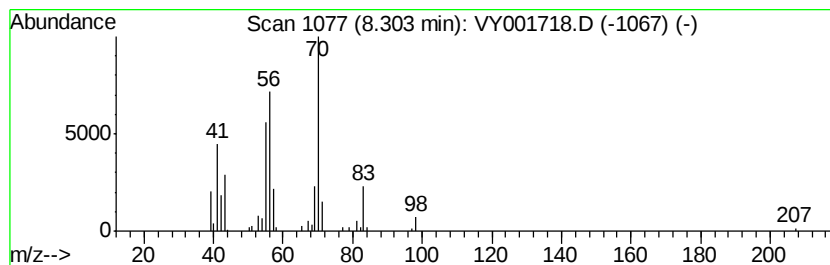
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Cyclopentane, 1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	30.40 ug/l	48572	1,4-Difluorobenzene	8.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	91
2		Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	78
3		Undecane, 3-methylene-	168	C12H24	071138-64-2	59
4		Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	52
5		Isopropylcyclobutane	98	C7H14	000872-56-0	49



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ClientSampled :
B-2

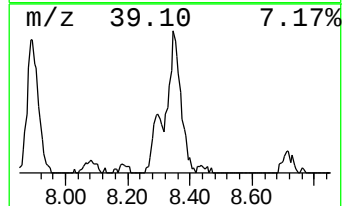
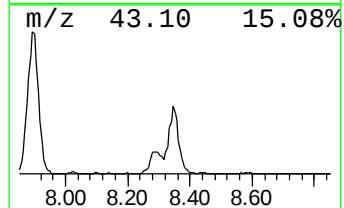
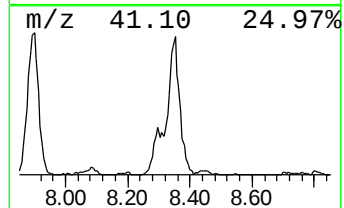
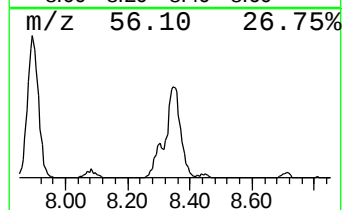
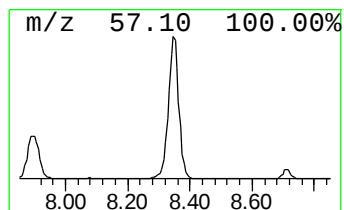
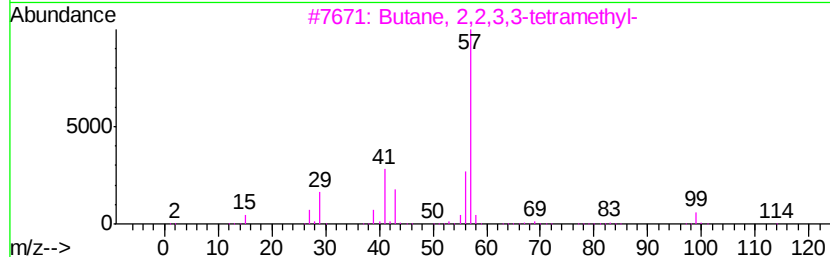
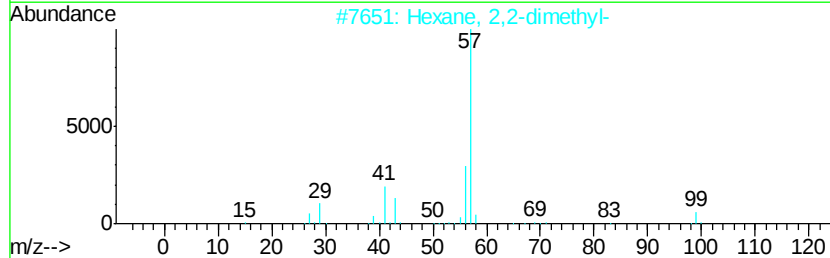
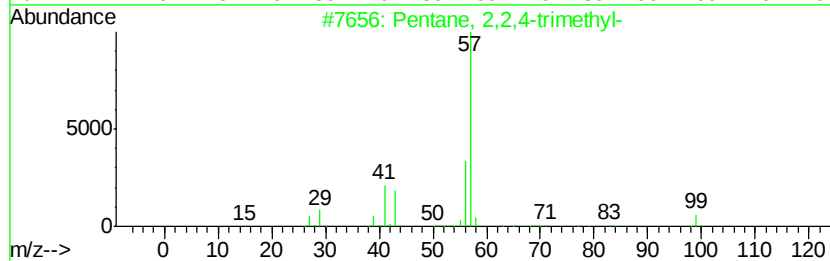
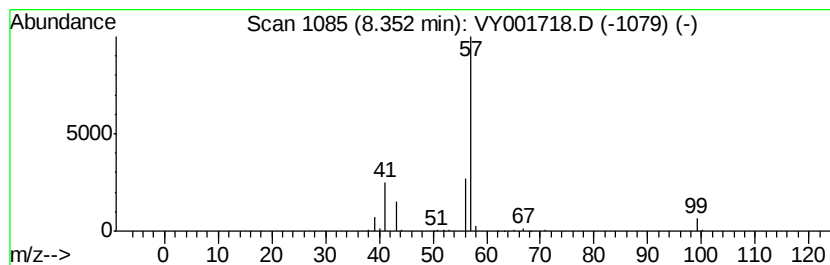
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Quant Title : SW846 8260

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.
8.35	96.92 ug/l	154841	1,4-Difluorobenzene	8.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	78
2		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	78
3		Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	64
4		Acetamide, N-2-propenyl-	99	C5H9NO	000692-33-1	9
5		di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY022020\
 Data File : VY001718.D
 Acq On : 20 Feb 2020 12:59
 Operator : SY/MD
 Sample : L1601-01
 Misc : 4.18G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-2

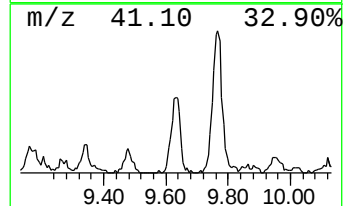
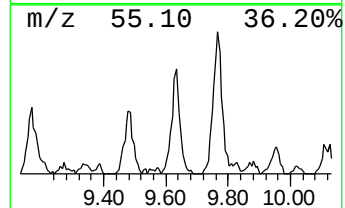
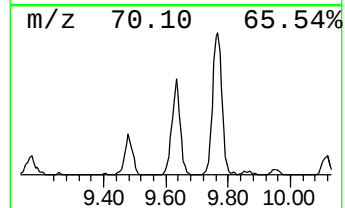
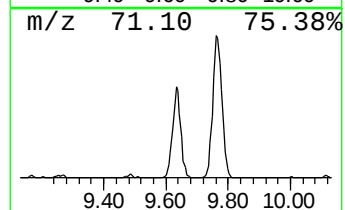
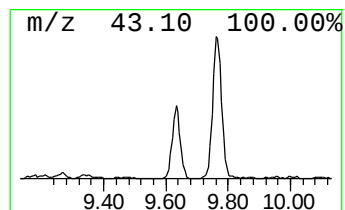
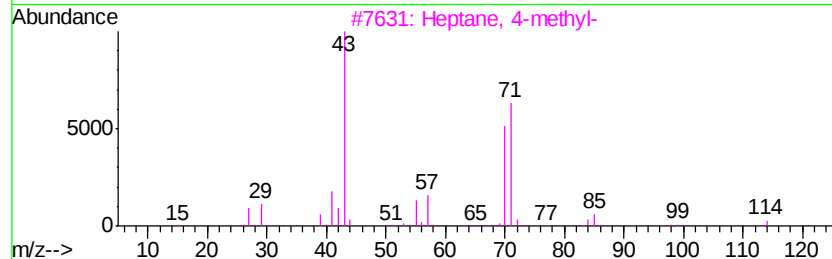
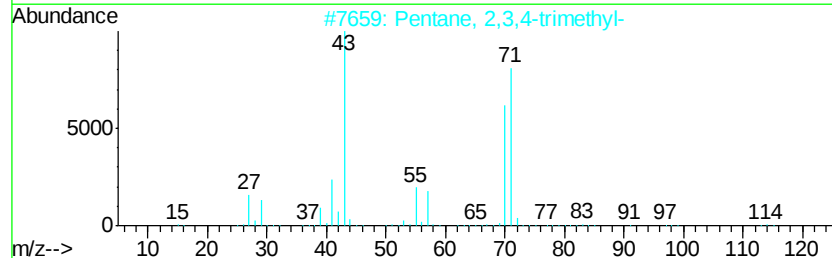
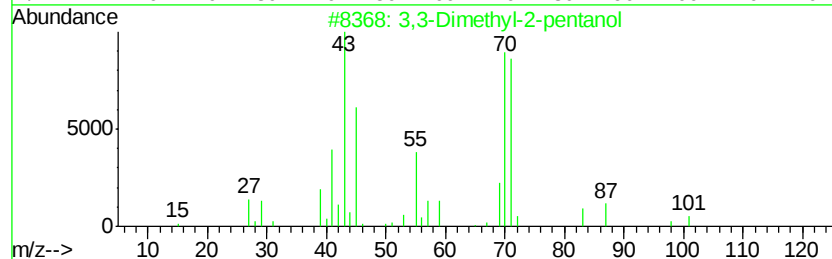
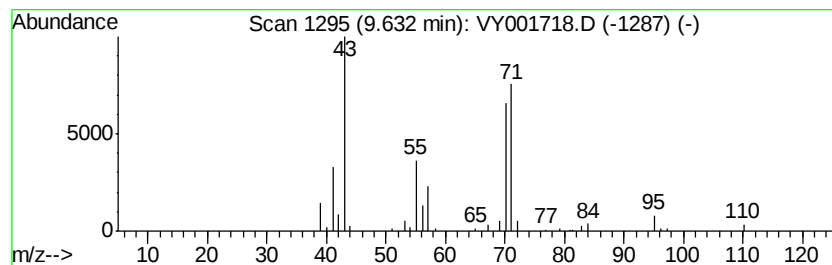
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 Quant Title : SW846 8260

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

 Peak Number 6 3,3-Dimethyl-2-pentanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	33.45 ug/l	53439	1,4-Difluorobenzene	8.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	72
2		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	72
3		Heptane, 4-methyl-	114	C8H18	000589-53-7	72
4		1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	64
5		2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY022020\
Data File : VY001718.D
Acq On : 20 Feb 2020 12:59
Operator : SY/MD
Sample : L1601-01
Misc : 4.18G/5ML/MSVOA Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampled :
B-2

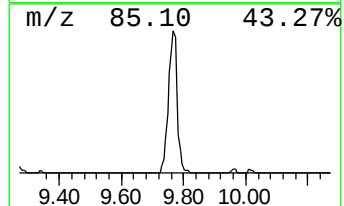
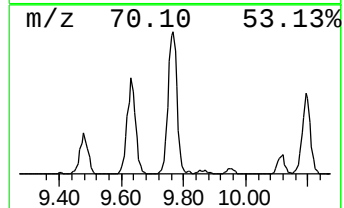
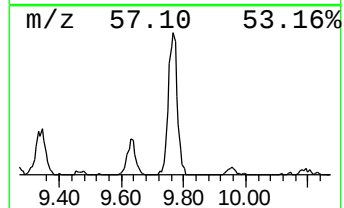
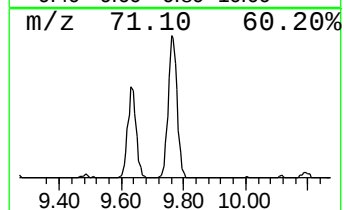
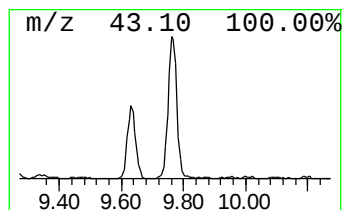
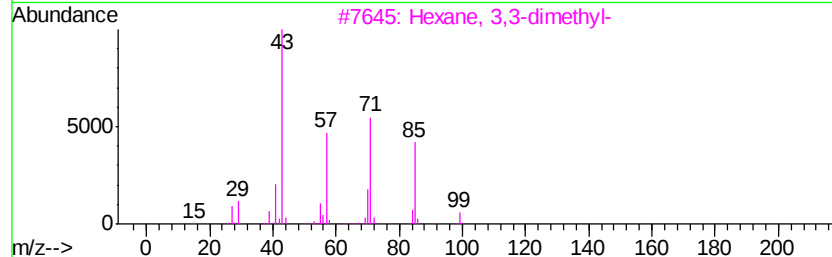
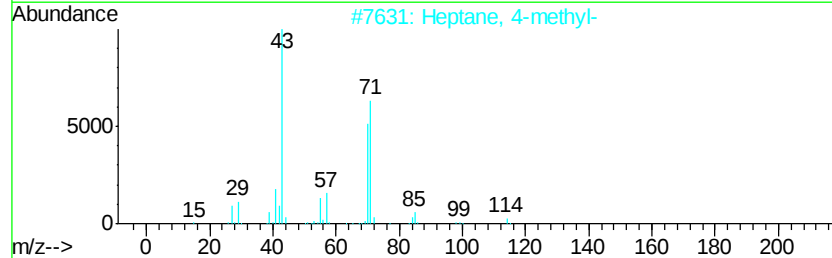
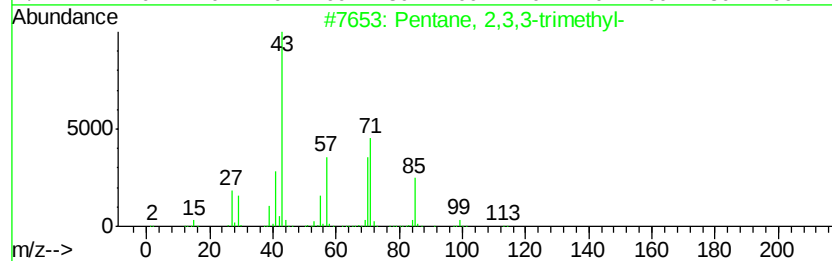
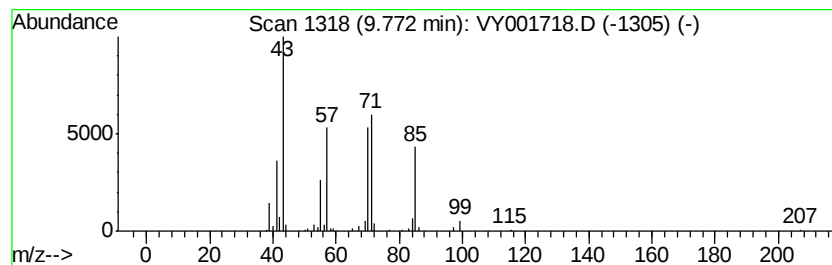
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Quant Title : SW846 8260

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

Peak Number 7 Pentane, 2,3,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	68.88 ug/l	110035	1,4-Difluorobenzene	8.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2		Heptane, 4-methyl-	114	C8H18	000589-53-7	64
3		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
4		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59
5		Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY022020\
Data File : VY001718.D
Acq On : 20 Feb 2020 12:59
Operator : SY/MD
Sample : L1601-01
Misc : 4.18G/5ML/MSVOA Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampled :
B-2

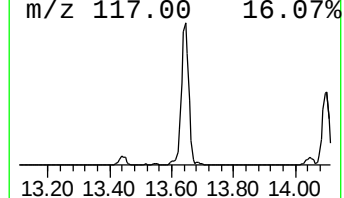
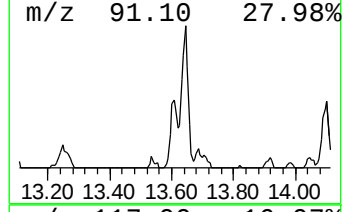
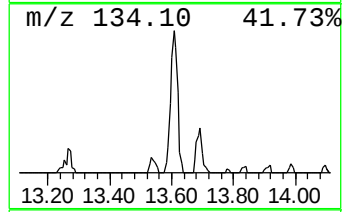
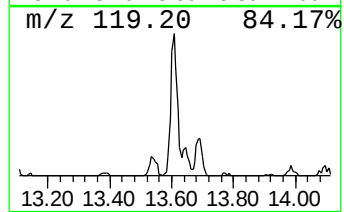
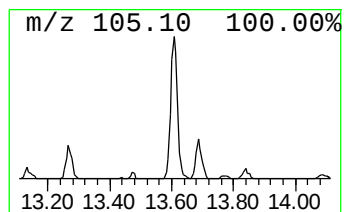
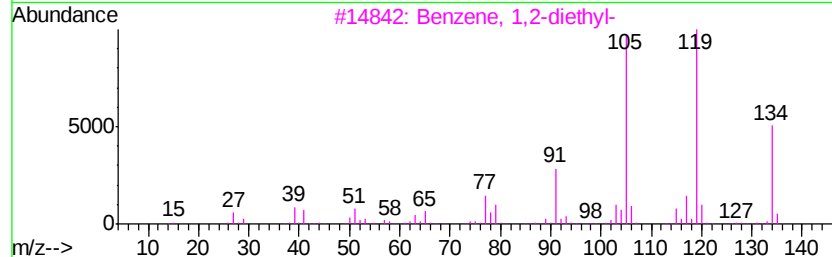
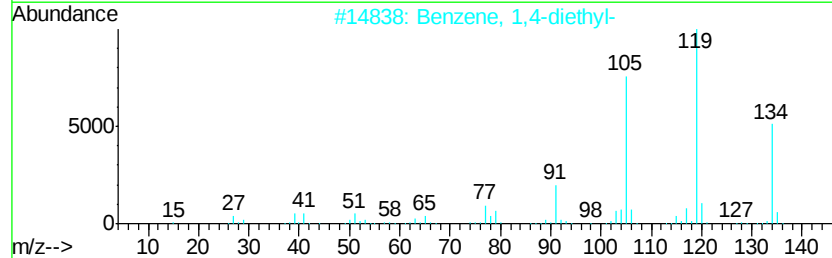
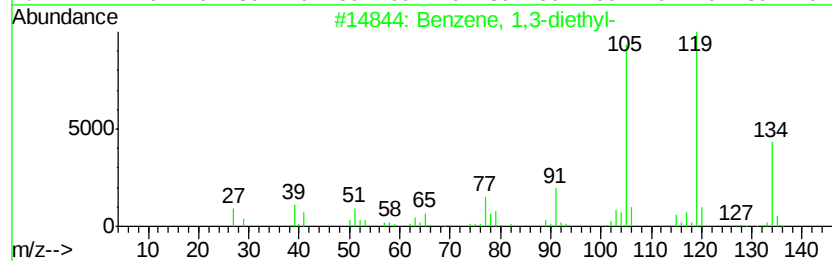
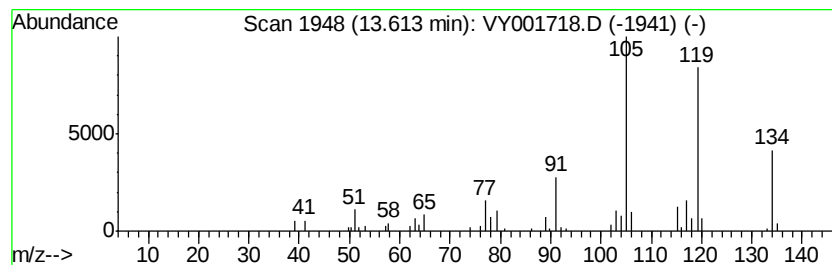
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1,3-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	30.59 ug/l	40693	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY022020\
Data File : VY001718.D
Acq On : 20 Feb 2020 12:59
Operator : SY/MD
Sample : L1601-01
Misc : 4.18G/5ML/MSVOA Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-2

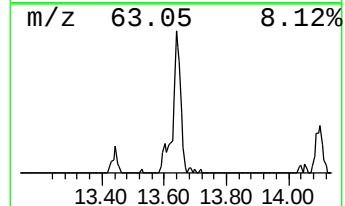
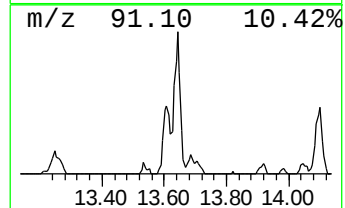
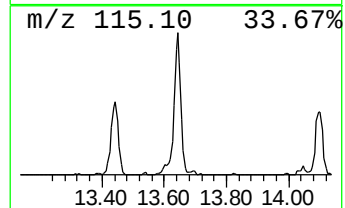
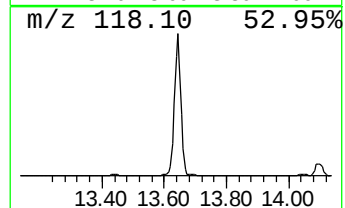
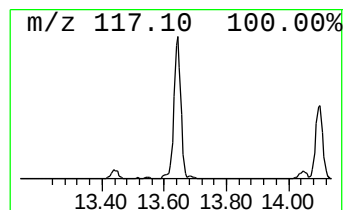
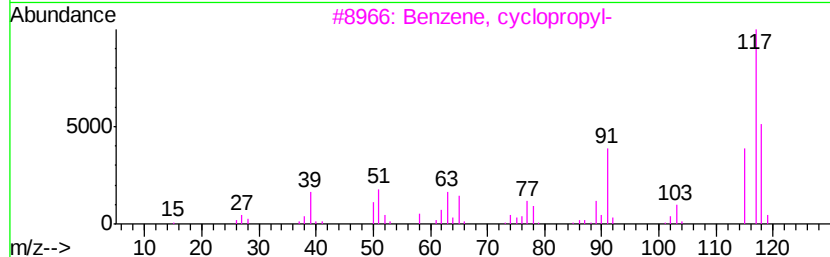
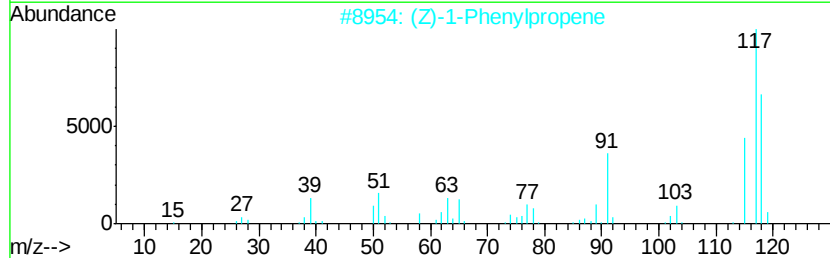
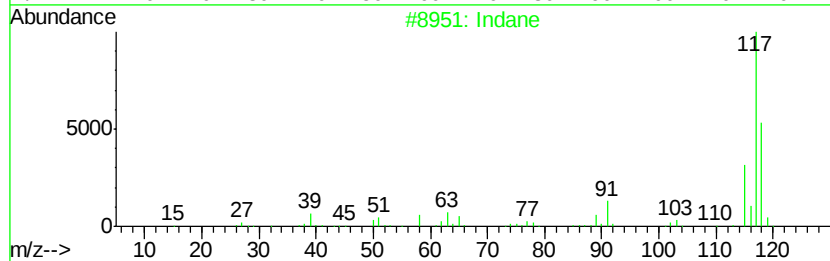
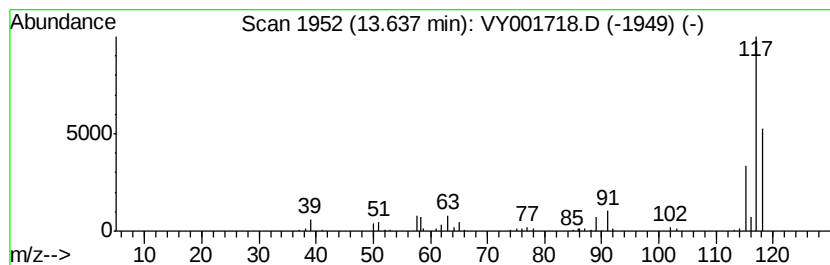
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Quant Title : SW846 8260

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

Peak Number 9 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	79.13 ug/l	105278	1,4-Dichlorobenzene-d4	13.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	94
2	(Z)-1-Phenylpropene		118	C9H10	000766-90-5	81
3	Benzene, cyclopropyl-		118	C9H10	000873-49-4	74
4	Benzene, 2-propenyl-		118	C9H10	000300-57-2	74
5	Benzene, 1-ethenyl-2-methyl-		118	C9H10	000611-15-4	74



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY022020\
Data File : VY001718.D
Acq On : 20 Feb 2020 12:59
Operator : SY/MD
Sample : L1601-01
Misc : 4.18G/5ML/MSVOA Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampled :
B-2

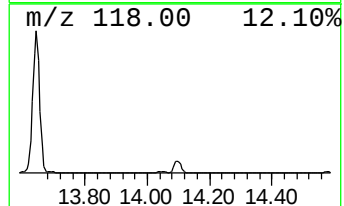
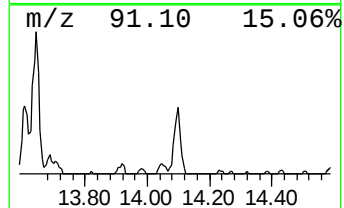
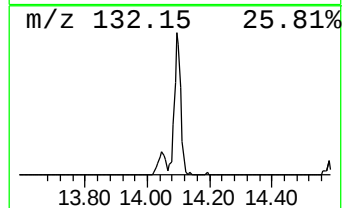
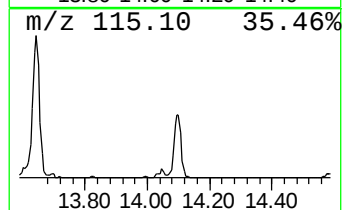
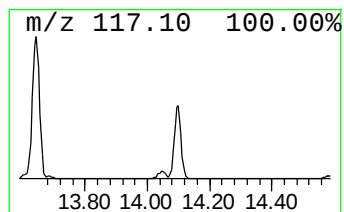
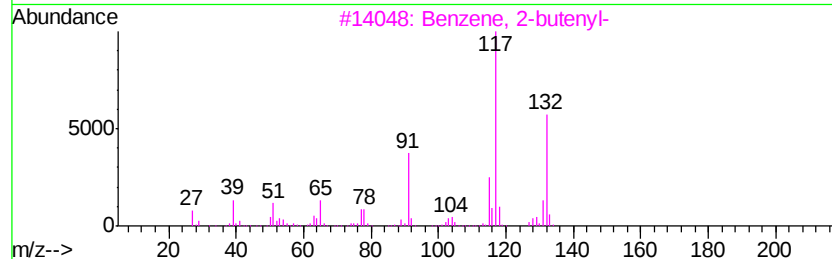
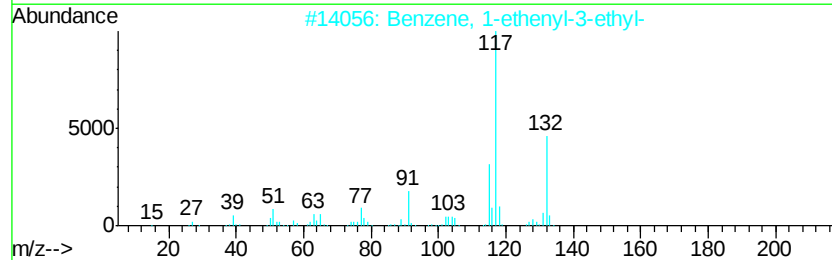
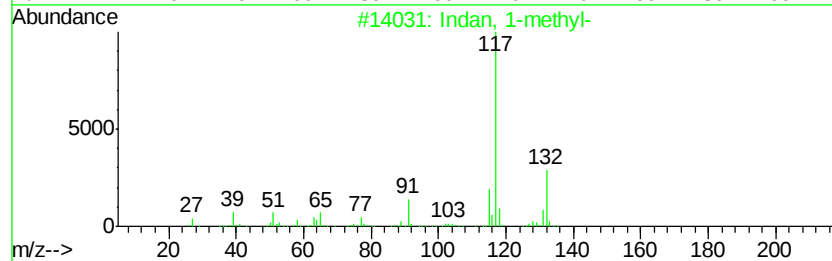
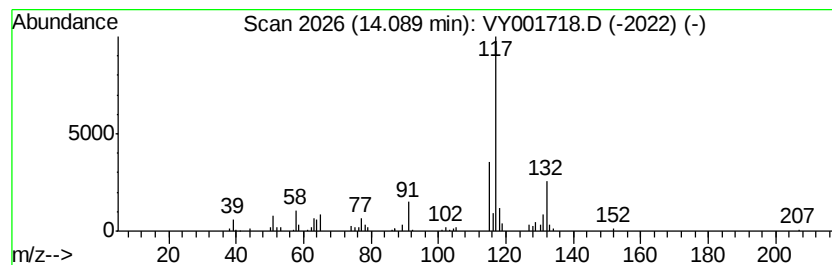
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260

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

Peak Number 10 Indan, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	40.25 ug/l	53551	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	86
3		Benzene, 2-butenyl-	132	C10H12	001560-06-1	83
4		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	83
5		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	83



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY022020\
Data File : VY001718.D
Acq On : 20 Feb 2020 12:59
Operator : SY/MD
Sample : L1601-01
Misc : 4.18G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.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
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Pentane, 2,4-dime...	6.72	63.8	ug/l	70963	1	7.82	55623	50.0
Pentane, 2,3-dime...	7.89	127.3	ug/l	141572	1	7.82	55623	50.0
Cyclopentane, 1,3...	8.30	30.4	ug/l	48572	2	8.71	79880	50.0
Pentane, 2,2,4-tr...	8.35	96.9	ug/l	154841	2	8.71	79880	50.0
3,3-Dimethyl-2-pe...	9.63	33.5	ug/l	53439	2	8.71	79880	50.0
Pentane, 2,3,3-tr...	9.77	68.9	ug/l	110035	2	8.71	79880	50.0
Benzene, 1,3-diet...	13.61	30.6	ug/l	40693	4	13.44	66521	50.0
Indane	13.64	79.1	ug/l	105278	4	13.44	66521	50.0
Indan, 1-methyl-	14.09	40.3	ug/l	53551	4	13.44	66521	50.0