

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021622\
 Data File : VY007513.D
 Acq On : 16 Feb 2022 16:39
 Operator : SY/MD
 Sample : N1465-08
 Misc : 5.91g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A5-8-8.0

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\82Y021422S.M
 Title : SW846 8260

Signal : TIC: VY007513.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.077	35	42	55	rVB	50886	70713	2.31%	0.127%
2	2.253	61	71	80	rBV	184758	305321	9.98%	0.549%
3	2.906	168	178	199	rBV	1247267	2821831	92.26%	5.071%
4	3.259	227	236	258	rVB	620809	1450489	47.42%	2.607%
5	3.948	335	349	370	rBV2	126742	420502	13.75%	0.756%
6	4.582	441	453	461	rBV6	17870	69662	2.28%	0.125%
7	4.710	461	474	477	rVV	379097	1158916	37.89%	2.083%
8	4.771	478	484	505	rVV	798022	3058729	100.00%	5.497%
9	4.948	506	513	533	rVB	52826	195772	6.40%	0.352%
10	5.241	543	561	583	rBV2	685413	2585956	84.54%	4.647%
11	5.594	607	619	631	rBV2	17680	55427	1.81%	0.100%
12	5.753	631	645	663	rVV	537642	1690754	55.28%	3.038%
13	5.924	663	673	681	rVV4	21191	65437	2.14%	0.118%
14	6.039	681	692	700	rVV3	43581	145137	4.75%	0.261%
15	6.387	733	749	763	rBV4	21309	84963	2.78%	0.153%
16	6.533	763	773	783	rBV2	28347	90829	2.97%	0.163%
17	6.692	788	799	807	rVV	164425	534441	17.47%	0.960%
18	6.795	807	816	835	rVV	635555	1977783	64.66%	3.554%
19	6.984	839	847	861	rVB4	16154	54093	1.77%	0.097%
20	7.460	916	925	929	rBV4	14290	38143	1.25%	0.069%
21	7.533	930	937	946	rVB2	45647	126182	4.13%	0.227%
22	7.777	960	977	986	rBV5	626739	2167054	70.85%	3.894%
23	7.874	986	993	1005	rVB	443952	1145848	37.46%	2.059%
24	8.002	1005	1014	1021	rBV	498004	1151951	37.66%	2.070%
25	8.155	1031	1039	1047	rBV3	172134	457962	14.97%	0.823%
26	8.283	1047	1060	1063	rVV3	311140	970410	31.73%	1.744%
27	8.332	1063	1068	1077	rVV3	467147	1448896	47.37%	2.604%
28	8.423	1077	1083	1093	rVB	193656	454037	14.84%	0.816%
29	8.551	1093	1104	1118	rVB	382879	834233	27.27%	1.499%
30	8.691	1118	1127	1133	rBV	225995	446318	14.59%	0.802%
31	8.746	1133	1136	1149	rVB2	33952	66722	2.18%	0.120%
32	8.947	1159	1169	1174	rBV3	23606	51773	1.69%	0.093%
33	9.185	1193	1208	1214	rBV2	754902	1876559	61.35%	3.372%
34	9.246	1214	1218	1225	rVB	91186	172371	5.64%	0.310%
35	9.325	1225	1231	1233	rBV2	32665	59995	1.96%	0.108%
36	9.368	1233	1238	1245	rVB	136067	258394	8.45%	0.464%

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37	9.466	1245	1254	1260	rBV2	63881	142073	4.64%	0.255%
38	9.533	1260	1265	1267	rBV	20039	34892	1.14%	0.063%
39	9.618	1273	1279	1291	rVB	273369	567285	18.55%	1.019%
40	9.752	1291	1301	1307	rBV	377911	836451	27.35%	1.503%
41	9.819	1307	1312	1316	rBV	91118	161373	5.28%	0.290%
42	9.959	1324	1335	1347	rBV4	145668	443756	14.51%	0.797%
43	10.112	1353	1360	1365	rVB4	65391	131218	4.29%	0.236%
44	10.179	1365	1371	1384	rBV	447943	875350	28.62%	1.573%
45	10.301	1384	1391	1395	rBV4	80551	151733	4.96%	0.273%
46	10.368	1395	1402	1410	rVB2	127233	331867	10.85%	0.596%
47	10.520	1422	1427	1436	rVB	59743	105506	3.45%	0.190%
48	10.618	1436	1443	1451	rVV3	99639	210280	6.87%	0.378%
49	10.709	1454	1458	1464	rVB3	18537	34413	1.13%	0.062%
50	10.856	1477	1482	1487	rBV2	18533	31040	1.01%	0.056%
51	10.965	1496	1500	1503	rBV4	21313	34861	1.14%	0.063%
52	11.002	1503	1506	1509	rVV2	34381	61585	2.01%	0.111%
53	11.038	1509	1512	1517	rVV	67395	113249	3.70%	0.204%
54	11.093	1517	1521	1526	rVV	22837	42440	1.39%	0.076%
55	11.288	1547	1553	1561	rVB7	23356	59348	1.94%	0.107%
56	11.380	1561	1568	1572	rBV3	24383	53464	1.75%	0.096%
57	11.490	1579	1586	1595	rBV	330663	556086	18.18%	0.999%
58	11.593	1595	1603	1612	rVB	1243329	1948242	63.69%	3.501%
59	11.709	1612	1622	1632	rBV	683204	1211005	39.59%	2.176%
60	12.026	1663	1674	1684	rBV	576086	960367	31.40%	1.726%
61	12.331	1719	1724	1730	rVB	188021	276565	9.04%	0.497%
62	12.483	1742	1749	1758	rVB3	336062	586940	19.19%	1.055%
63	12.672	1772	1780	1785	rBV	553392	810483	26.50%	1.456%
64	12.733	1785	1790	1793	rVV	1374899	2074024	67.81%	3.727%
65	12.770	1793	1796	1799	rVV	683440	943426	30.84%	1.695%
66	12.813	1799	1803	1814	rVB	702641	1028706	33.63%	1.849%
67	12.971	1822	1829	1836	rBV	645295	978507	31.99%	1.758%
68	13.117	1847	1853	1861	rVB	1759465	2681312	87.66%	4.818%
69	13.245	1866	1874	1880	rBV3	55913	133405	4.36%	0.240%
70	13.312	1880	1885	1890	rVB	66368	98570	3.22%	0.177%
71	13.367	1890	1894	1898	rBV	27784	36985	1.21%	0.066%
72	13.422	1898	1903	1905	rVV	284277	416306	13.61%	0.748%
73	13.459	1905	1909	1917	rVB	525089	835743	27.32%	1.502%
74	13.593	1923	1931	1932	rBV	196405	248920	8.14%	0.447%
75	13.623	1932	1936	1940	rVV2	803196	1329693	43.47%	2.390%
76	13.666	1940	1943	1953	rVB3	365748	686201	22.43%	1.233%

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77	13.758	1953	1958	1962	rBV2	39754	61934	2.02%	0.111%
78	13.825	1963	1969	1973	rVB	99882	147133	4.81%	0.264%
79	13.886	1973	1979	1981	rBV	209526	309079	10.10%	0.555%
80	13.910	1981	1983	1988	rVV	164919	234096	7.65%	0.421%
81	13.971	1988	1993	1998	rVB	344813	482543	15.78%	0.867%
82	14.032	1998	2003	2006	rBV	74775	109554	3.58%	0.197%
83	14.081	2006	2011	2016	rVB	182155	281575	9.21%	0.506%
84	14.215	2027	2033	2038	rBV2	72026	109430	3.58%	0.197%
85	14.294	2038	2046	2049	rBV	190828	289469	9.46%	0.520%
86	14.337	2049	2053	2057	rVV	203004	293978	9.61%	0.528%
87	14.379	2057	2060	2064	rVV	44729	61523	2.01%	0.111%
88	14.562	2086	2090	2095	rVV	120307	183106	5.99%	0.329%
89	14.611	2095	2098	2102	rVB	34700	47989	1.57%	0.086%
90	14.684	2102	2110	2116	rBV3	231265	499227	16.32%	0.897%
91	14.739	2116	2119	2125	rVB	28975	46103	1.51%	0.083%
92	14.830	2130	2134	2138	rBV2	49030	69647	2.28%	0.125%
93	14.946	2149	2153	2155	rBV2	30095	47841	1.56%	0.086%
94	14.977	2155	2158	2164	rVV2	33942	58043	1.90%	0.104%
95	15.044	2164	2169	2177	rVB3	35504	77074	2.52%	0.139%
96	15.233	2189	2200	2206	rBV	513304	868060	28.38%	1.560%
97	15.336	2212	2217	2223	rVV4	27884	50432	1.65%	0.091%
98	15.684	2265	2274	2278	rBV4	12993	31722	1.04%	0.057%
99	16.288	2366	2373	2387	rVB	150138	303875	9.93%	0.546%
100	16.483	2397	2405	2414	rBV	74451	156088	5.10%	0.280%

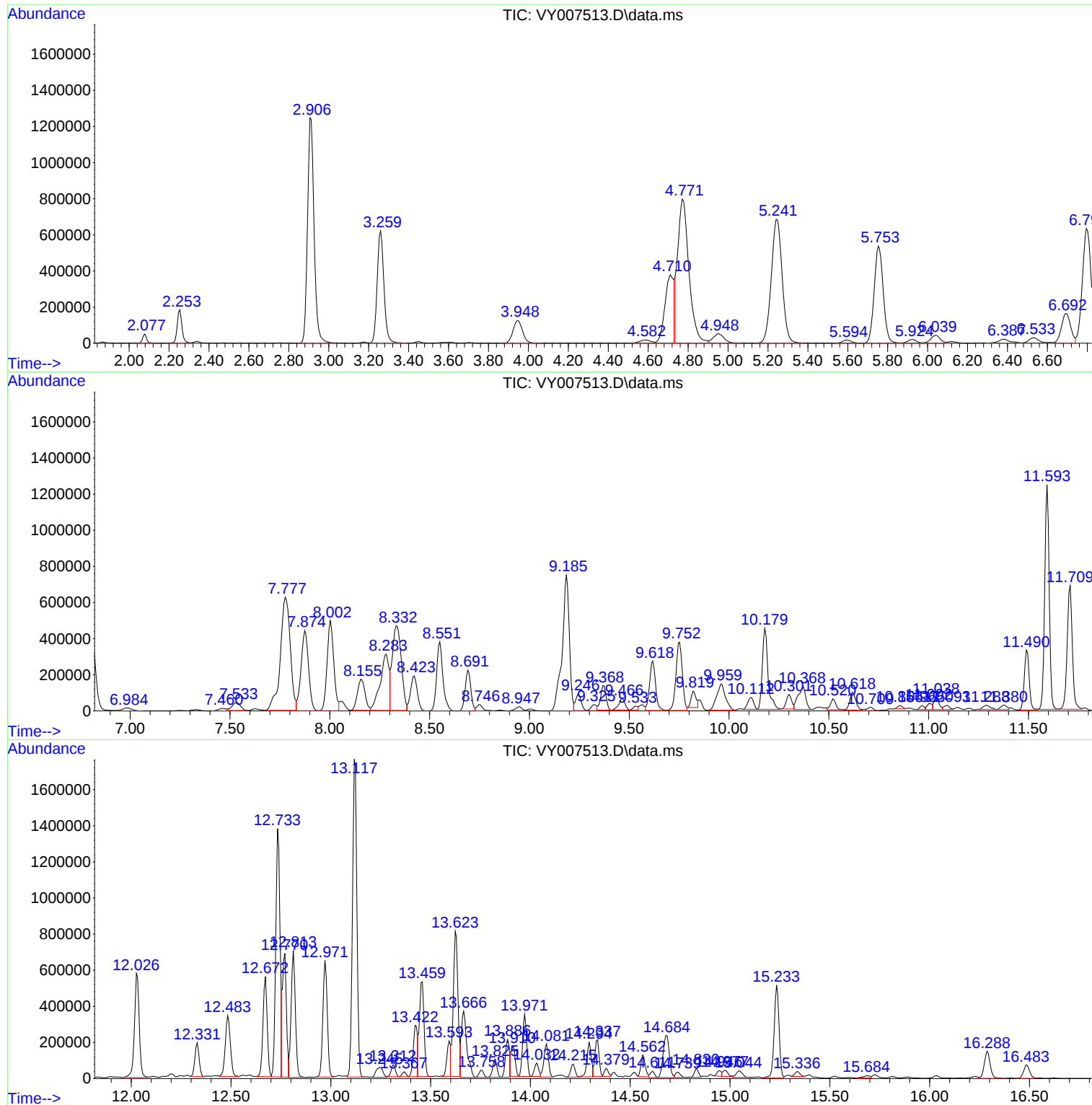
Sum of corrected areas: 55646794

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Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

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



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Instrument :
MSVOA_Y
ClientSampleId :
A5-8-8.0

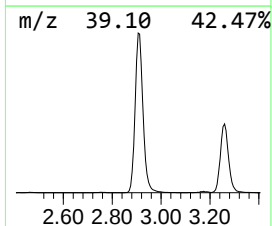
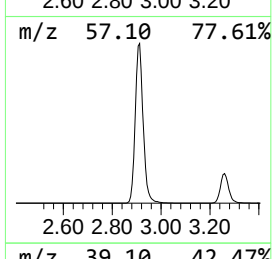
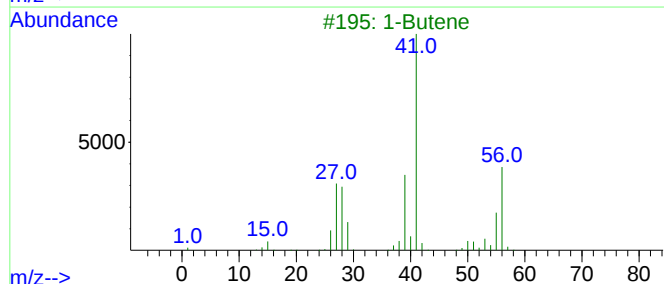
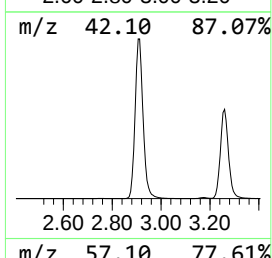
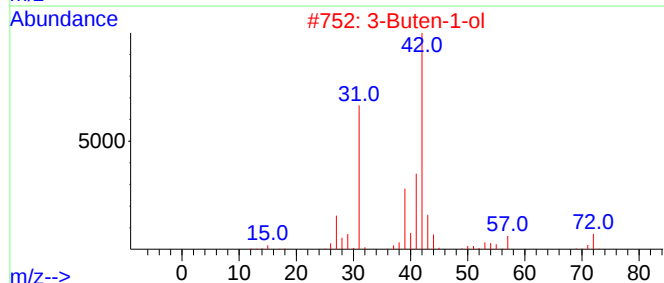
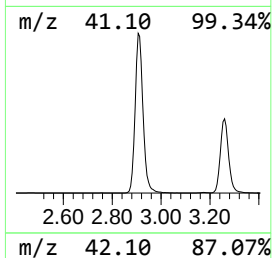
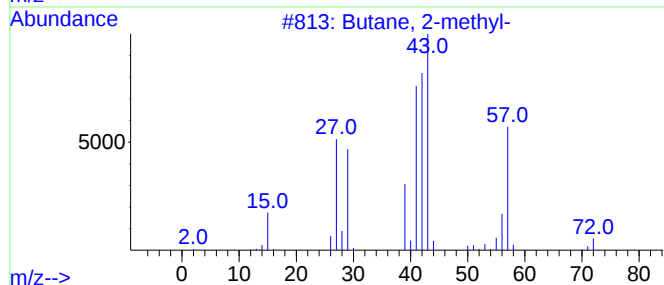
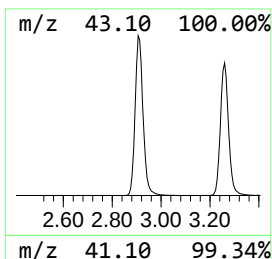
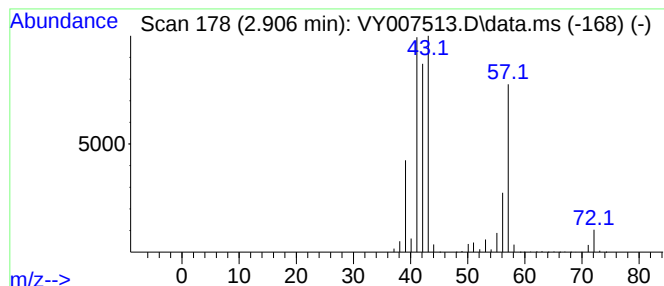
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

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

Peak Number 1 Butane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.906	65.11 ug/l	2821830	Pentafluorobenzene	7.795

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methyl-	72	C5H12	000078-78-4	64
2			3-Buten-1-ol	72	C4H8O	000627-27-0	38
3			1-Butene	56	C4H8	000106-98-9	27
4			Oxirane, trimethyl-	86	C5H10O	005076-19-7	25
5			Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	12



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Instrument :
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ClientSampleId :
A5-8-8.0

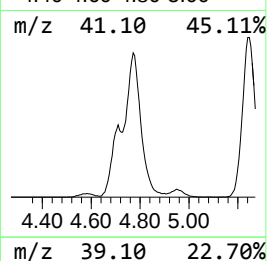
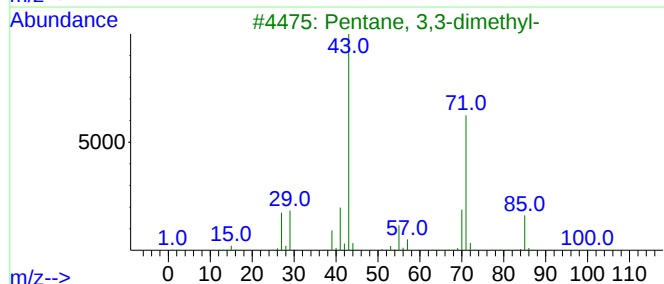
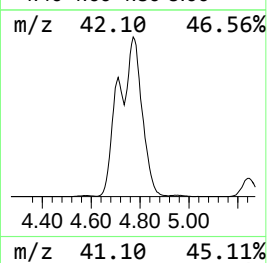
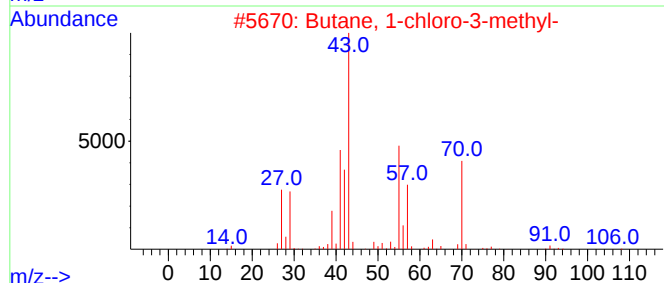
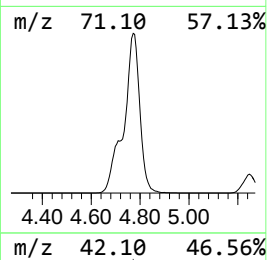
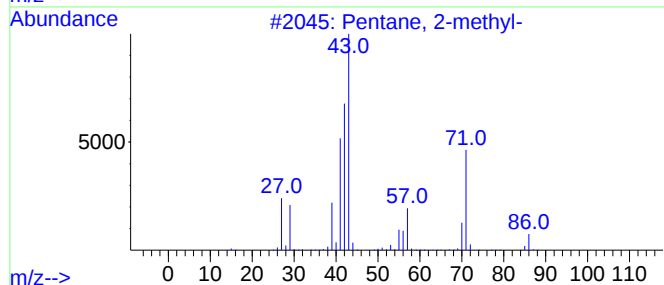
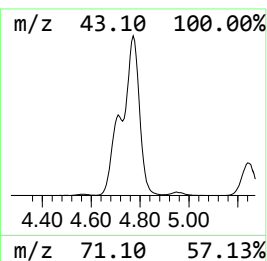
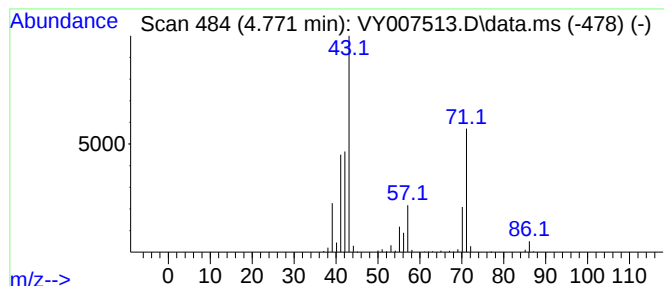
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

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

Peak Number 2 Pentane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.771	70.57 ug/l	3058730	Pentafluorobenzene	7.795

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2-methyl-	86	C6H14	000107-83-5	90
2			Butane, 1-chloro-3-methyl-	106	C5H11Cl	000107-84-6	47
3			Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	47
4			Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	40
5			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	38



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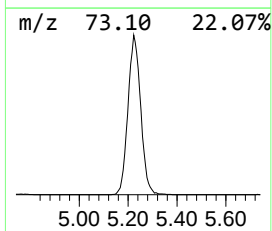
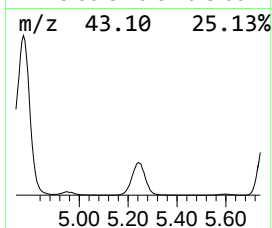
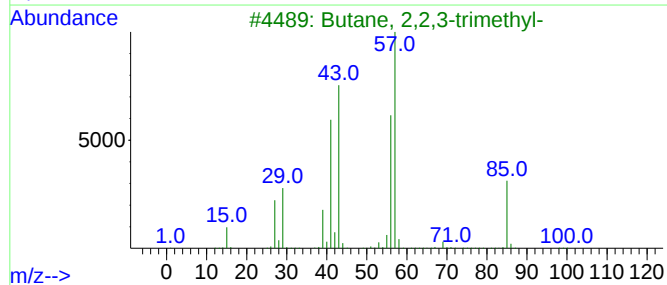
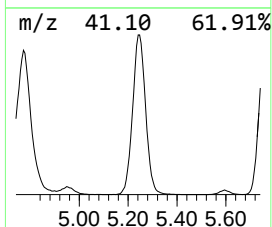
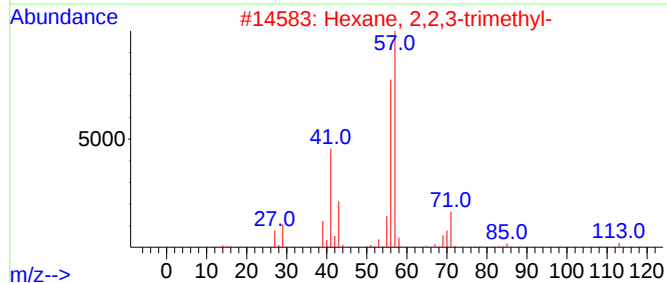
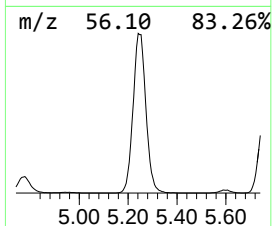
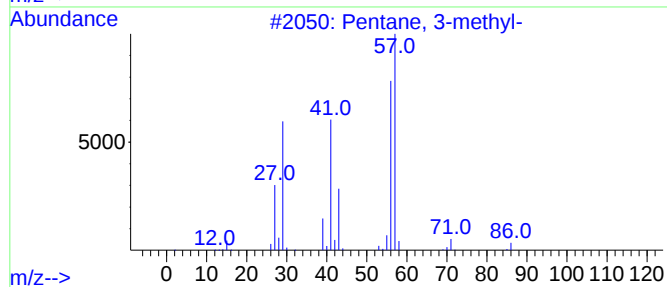
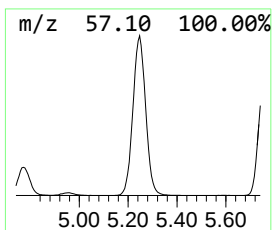
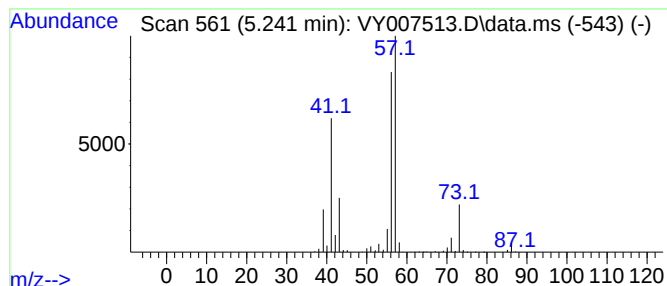
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Pentane, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.241	59.67 ug/l	2585960	Pentafluorobenzene	7.795

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-methyl-	86	C6H14	000096-14-0	83
2			Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
3			Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
4			1-Cyclopentyl-2,2-dimethyl-1-pro...	156	C10H20O	337966-85-5	40
5			Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021622\
Data File : VY007513.D
Acq On : 16 Feb 2022 16:39
Operator : SY/MD
Sample : N1465-08
Misc : 5.91g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-8-8.0

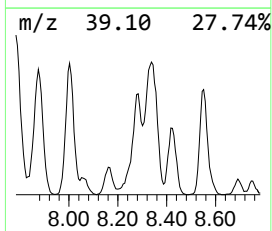
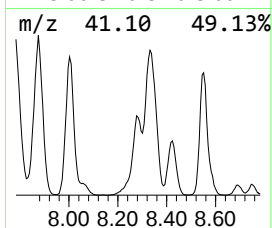
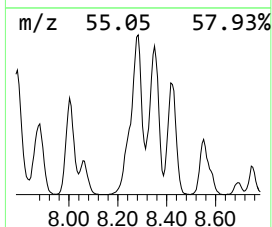
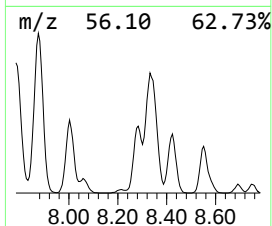
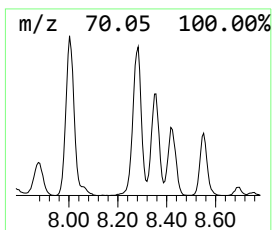
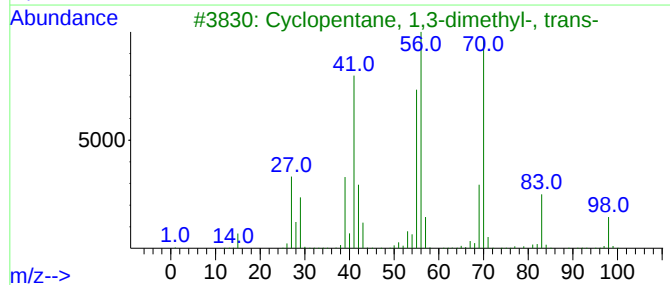
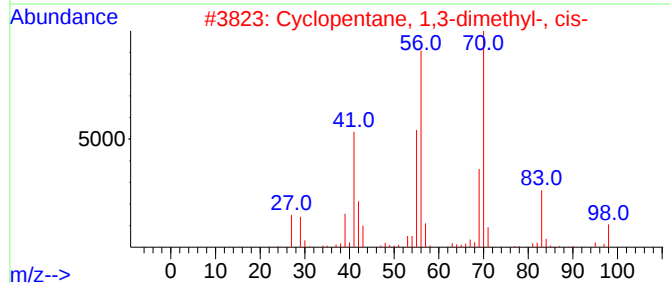
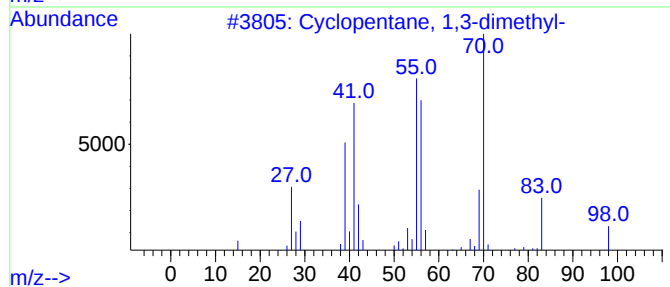
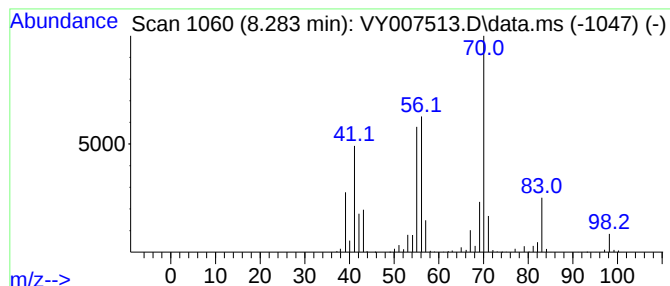
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Quant Title : SW846 8260

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

Peak Number 4 Cyclopentane, 1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.283	108.71 ug/l	970410	1,4-Difluorobenzene	8.691

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	91
2		Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	80
3		Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	64
4		Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	60
5		Undecane, 3-methylene-	168	C12H24	071138-64-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021622\
Data File : VY007513.D
Acq On : 16 Feb 2022 16:39
Operator : SY/MD
Sample : N1465-08
Misc : 5.91g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-8-8.0

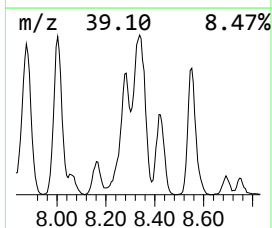
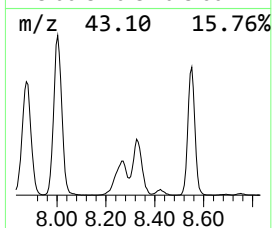
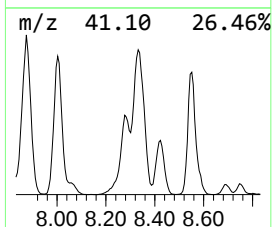
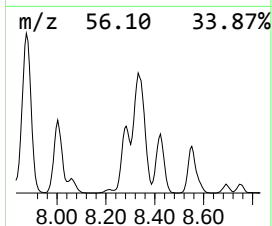
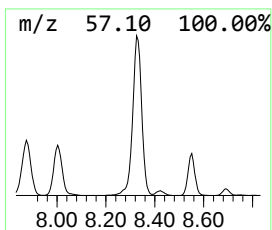
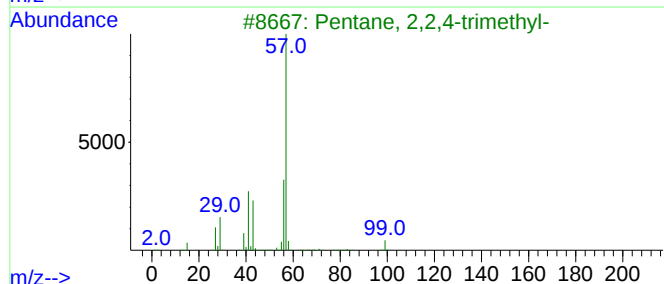
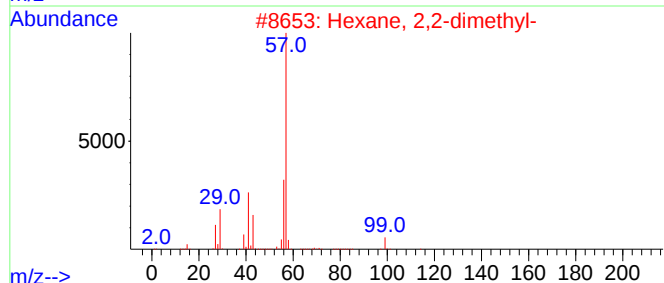
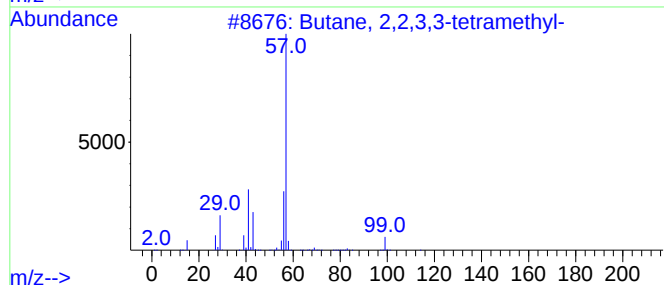
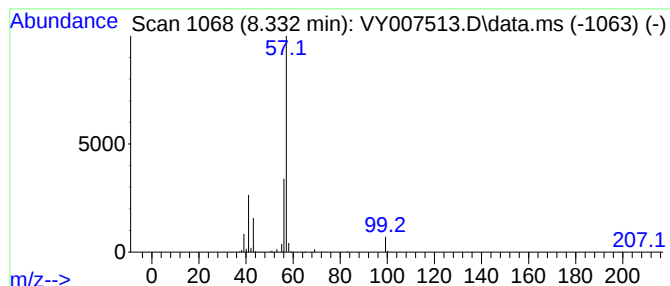
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Quant Title : SW846 8260

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

Peak Number 5 Butane, 2,2,3,3-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.332	162.32 ug/l	1448900	1,4-Difluorobenzene	8.691

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	83
2			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	83
3			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	78
4			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	78
5			Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021622\
Data File : VY007513.D
Acq On : 16 Feb 2022 16:39
Operator : SY/MD
Sample : N1465-08
Misc : 5.91g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-8-8.0

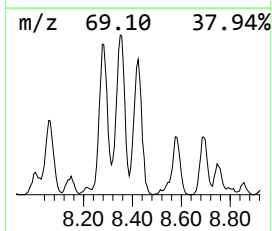
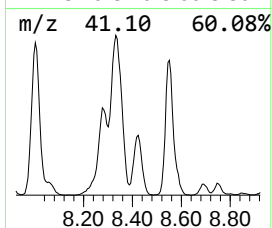
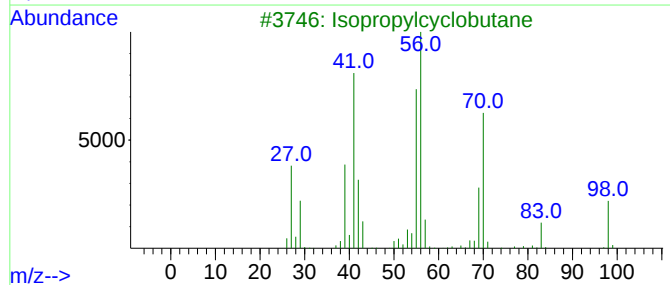
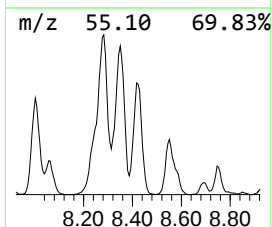
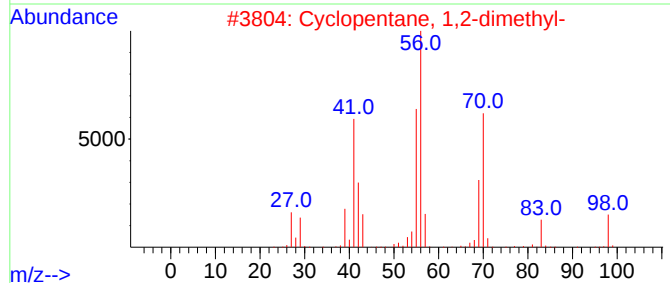
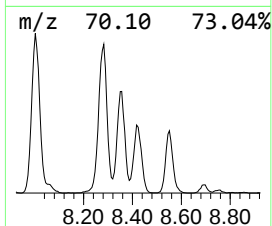
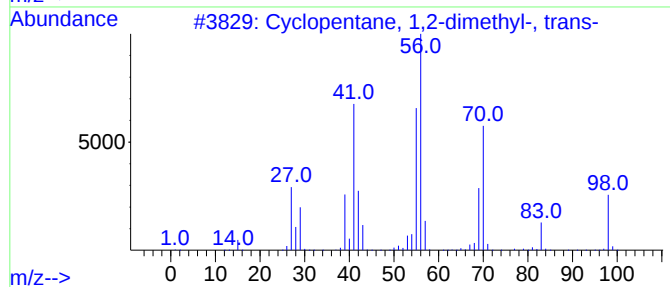
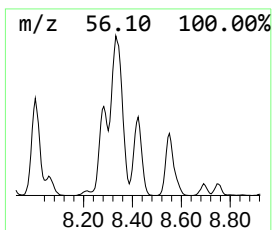
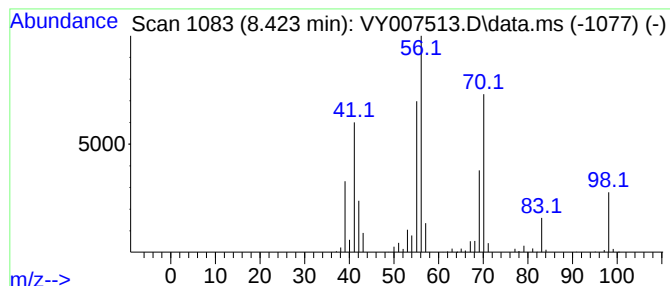
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Quant Title : SW846 8260

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

Peak Number 6 Cyclopentane, 1,2-dimethyl-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.423	50.86 ug/l	454037	1,4-Difluorobenzene	8.691

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	94
2			Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	94
3			Isopropylcyclobutane	98	C7H14	000872-56-0	93
4			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	86
5			(Z)-2-Heptene	98	C7H14	006443-92-1	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021622\
Data File : VY007513.D
Acq On : 16 Feb 2022 16:39
Operator : SY/MD
Sample : N1465-08
Misc : 5.91g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-8-8.0

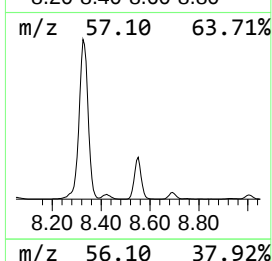
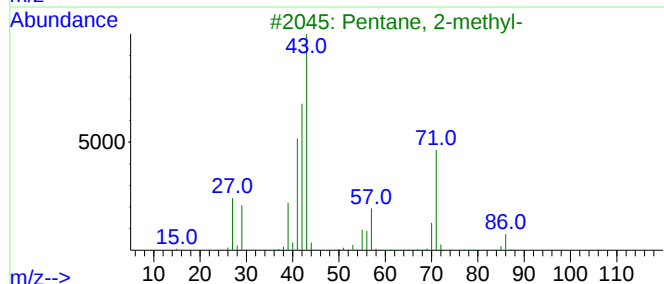
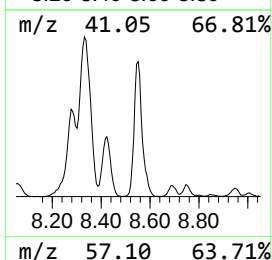
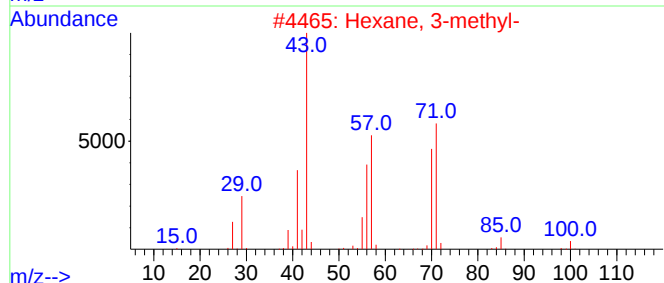
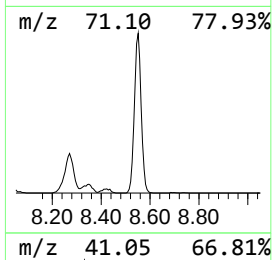
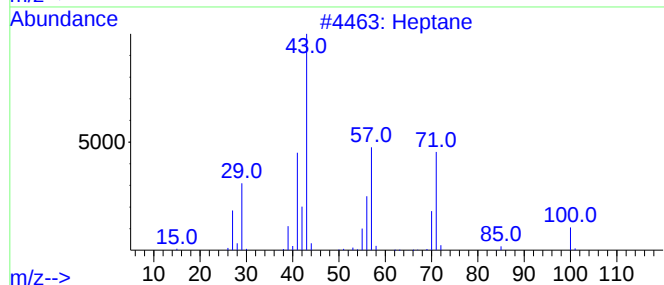
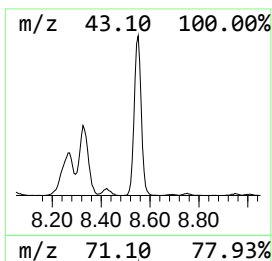
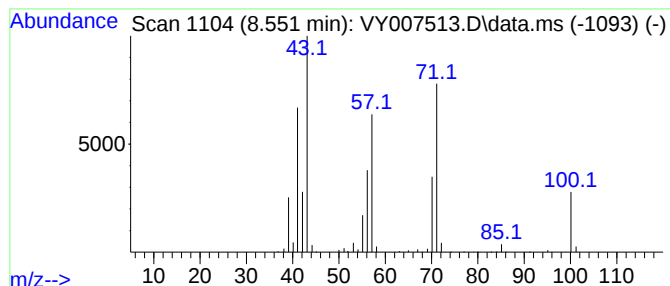
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Quant Title : SW846 8260

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

Peak Number 7 Heptane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.551	93.46 ug/l	834233	1,4-Difluorobenzene	8.691

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane	100	C7H16	000142-82-5	87
2			Hexane, 3-methyl-	100	C7H16	000589-34-4	53
3			Pentane, 2-methyl-	86	C6H14	000107-83-5	53
4			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	50
5			Oxirane, butyl-	100	C6H12O	001436-34-6	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021622\
Data File : VY007513.D
Acq On : 16 Feb 2022 16:39
Operator : SY/MD
Sample : N1465-08
Misc : 5.91g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-8-8.0

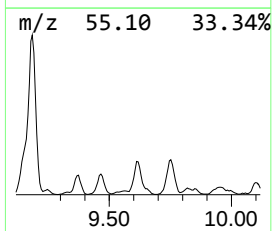
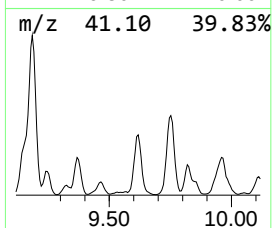
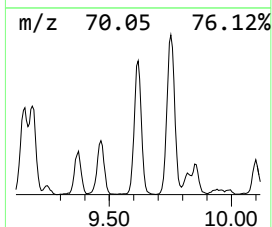
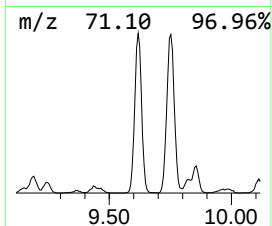
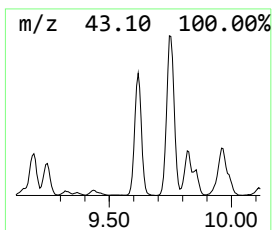
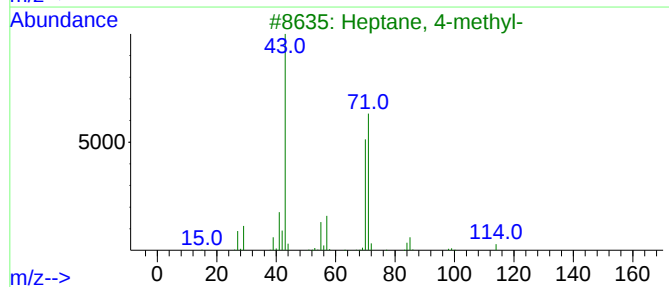
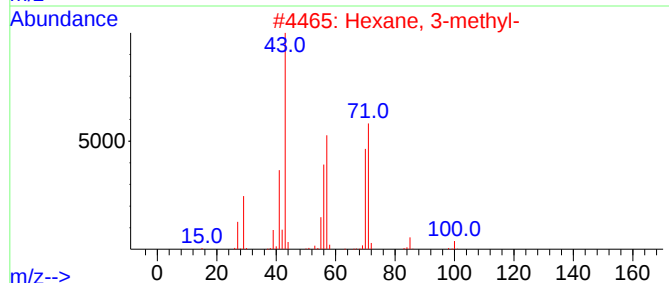
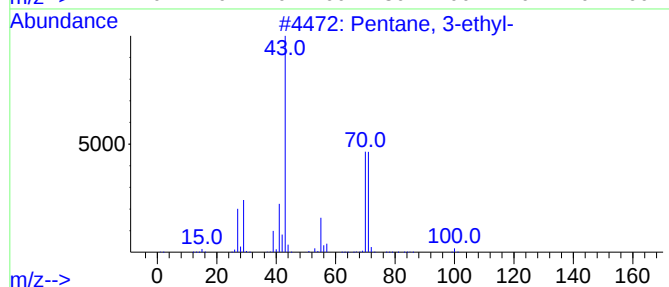
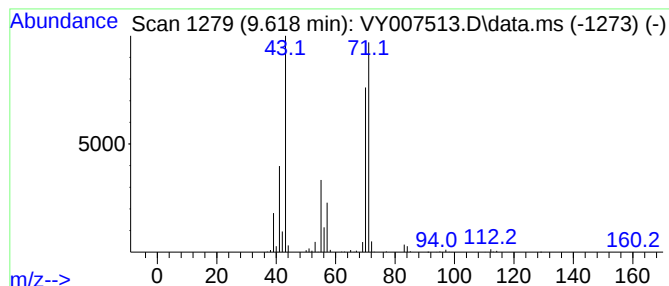
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Quant Title : SW846 8260

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

Peak Number 8 Pentane, 3-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.618	63.55 ug/l	567285	1,4-Difluorobenzene	8.691

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
2			Hexane, 3-methyl-	100	C7H16	000589-34-4	78
3			Heptane, 4-methyl-	114	C8H18	000589-53-7	78
4			Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	74
5			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021622\
Data File : VY007513.D
Acq On : 16 Feb 2022 16:39
Operator : SY/MD
Sample : N1465-08
Misc : 5.91g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-8-8.0

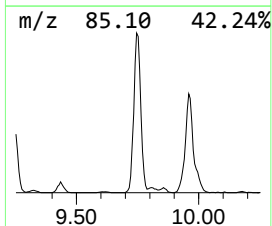
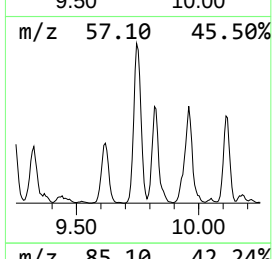
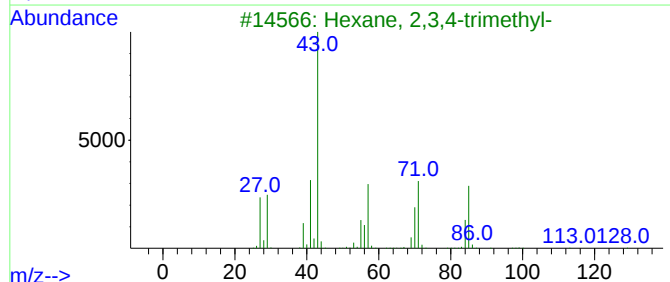
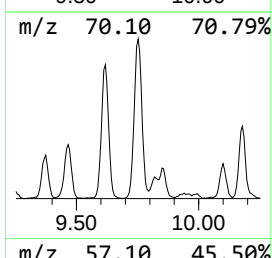
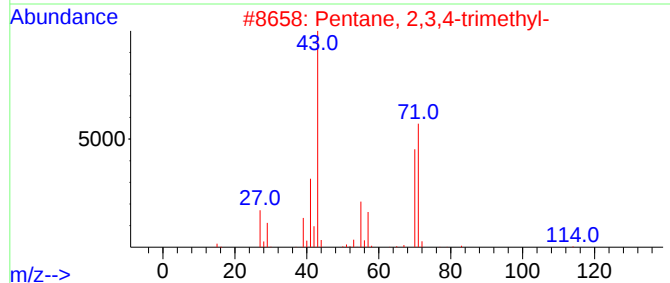
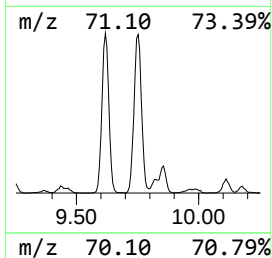
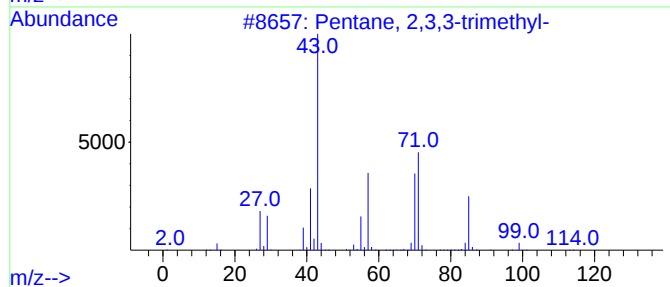
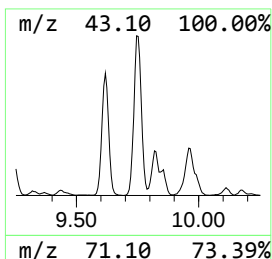
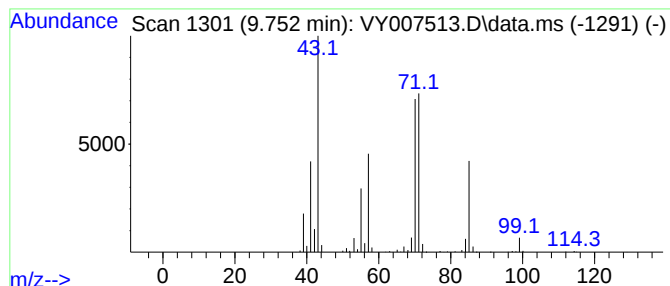
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Quant Title : SW846 8260

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

Peak Number 9 Pentane, 2,3,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.752	93.71 ug/l	836451	1,4-Difluorobenzene	8.691

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
2			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	68
3			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
4			Heptane, 4-methyl-	114	C8H18	000589-53-7	64
5			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021622\
Data File : VY007513.D
Acq On : 16 Feb 2022 16:39
Operator : SY/MD
Sample : N1465-08
Misc : 5.91g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-8-8.0

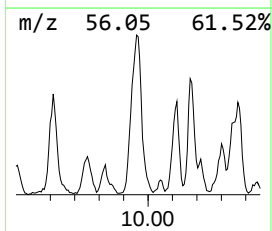
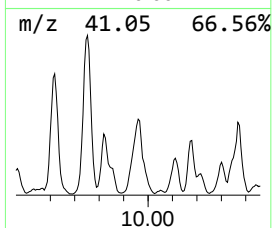
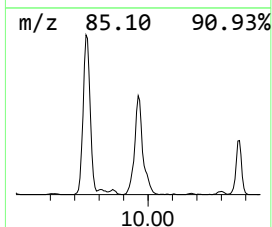
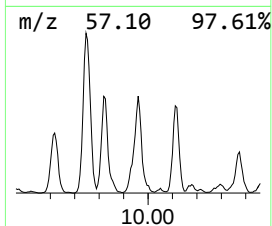
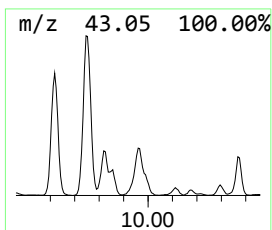
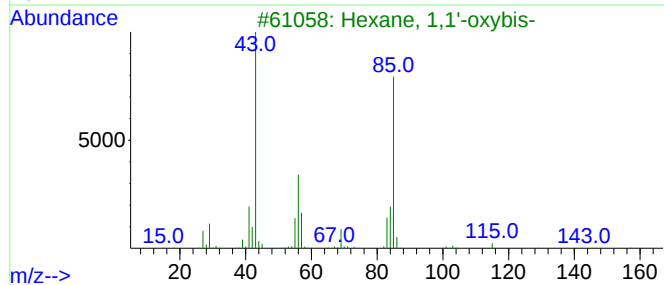
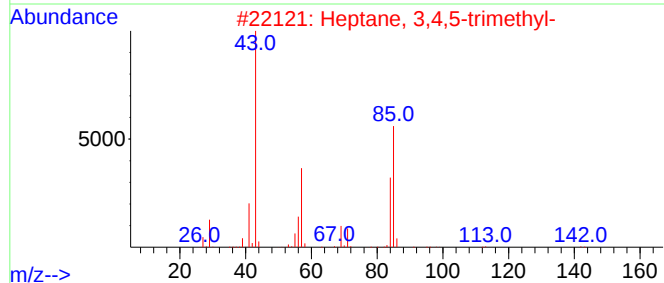
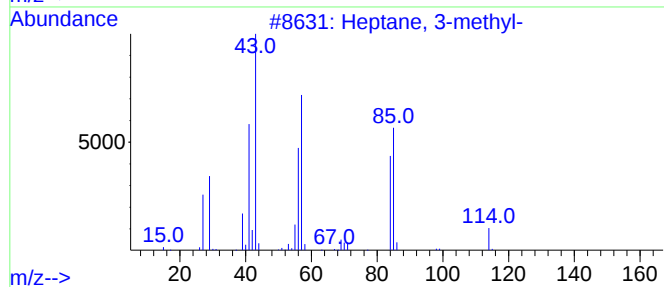
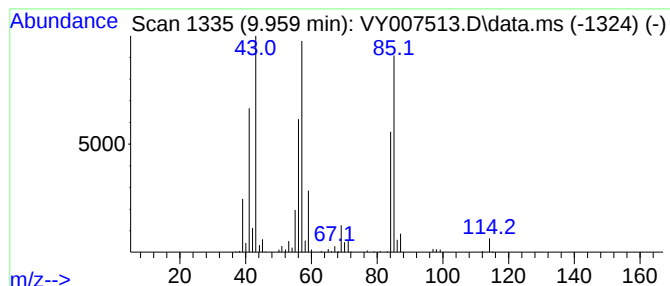
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Quant Title : SW846 8260

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

Peak Number 10 Heptane, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.959	49.71 ug/l	443756	1,4-Difluorobenzene	8.691

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-methyl-	114	C8H18	000589-81-1	93
2			Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	59
3			Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	53
4			Oxalic acid, ethyl isohexyl ester	202	C10H18O4	1000309-32-5	50
5			Isobutyl 2-methylpentyl carbonate	202	C11H22O3	1000372-75-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021622\
Data File : VY007513.D
Acq On : 16 Feb 2022 16:39
Operator : SY/MD
Sample : N1465-08
Misc : 5.91g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-8-8.0

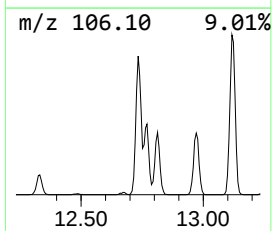
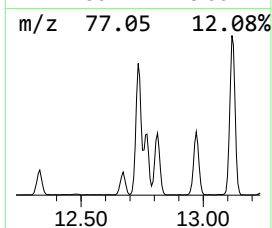
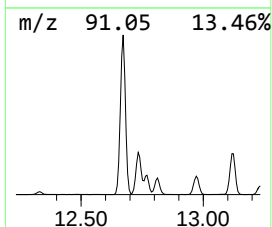
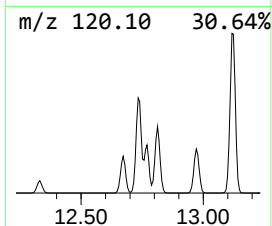
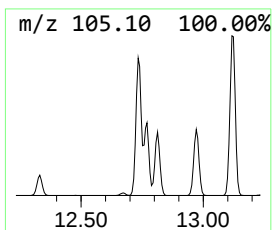
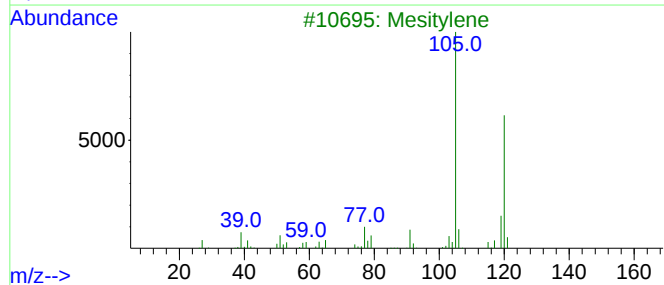
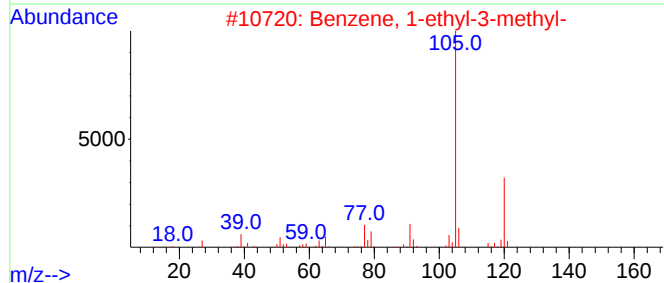
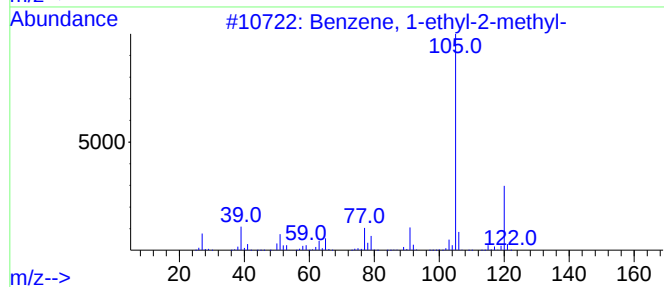
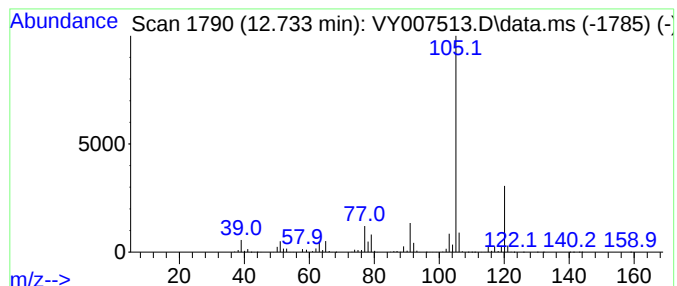
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Quant Title : SW846 8260

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

Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	249.10 ug/l	2074020	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3			Mesitylene	120	C9H12	000108-67-8	91
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021622\
Data File : VY007513.D
Acq On : 16 Feb 2022 16:39
Operator : SY/MD
Sample : N1465-08
Misc : 5.91g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-8-8.0

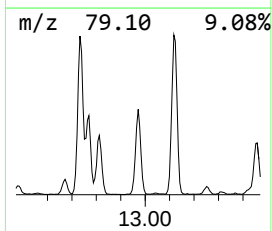
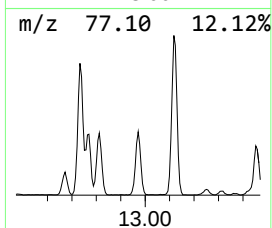
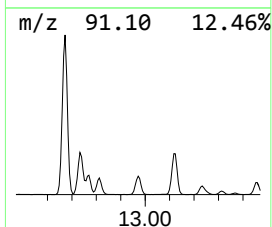
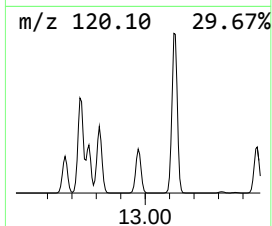
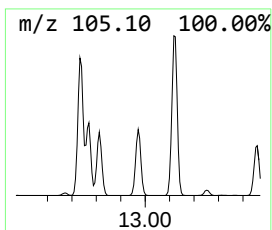
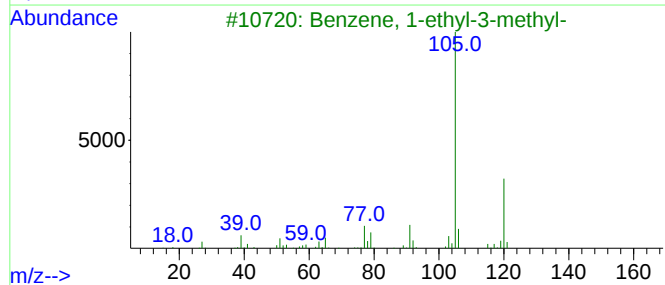
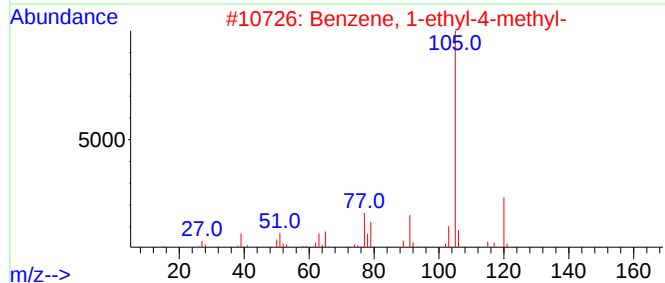
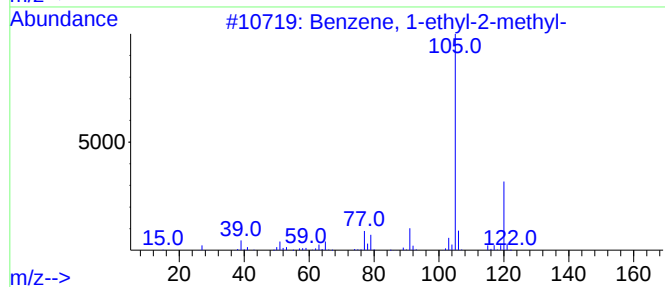
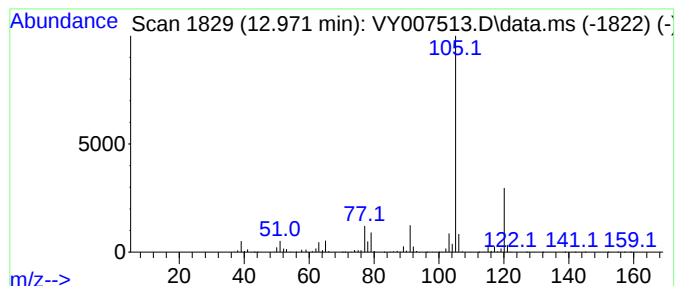
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Quant Title : SW846 8260

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

Peak Number 12 Benzene, 1-ethyl-4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.971	117.52 ug/l	978507	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4			Mesitylene	120	C9H12	000108-67-8	91
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021622\
Data File : VY007513.D
Acq On : 16 Feb 2022 16:39
Operator : SY/MD
Sample : N1465-08
Misc : 5.91g/5.0mL/MSVOA_Y/soil
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-8-8.0

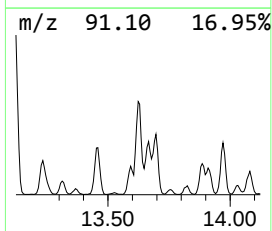
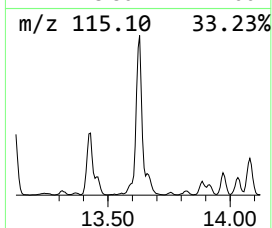
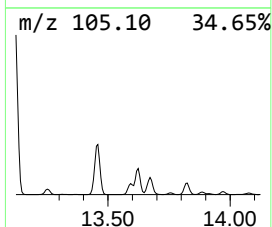
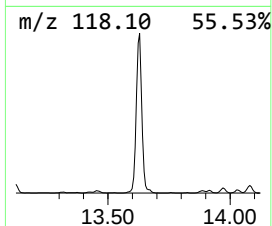
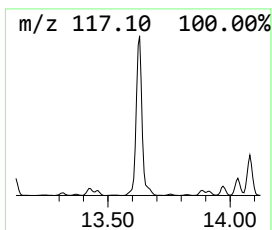
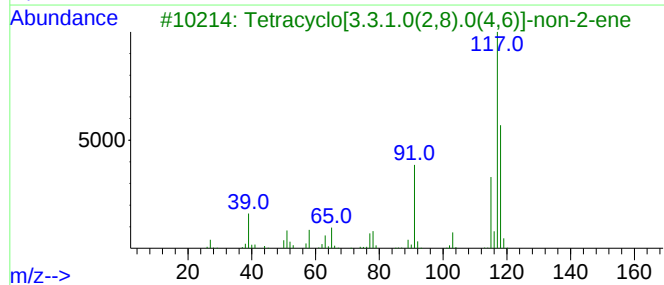
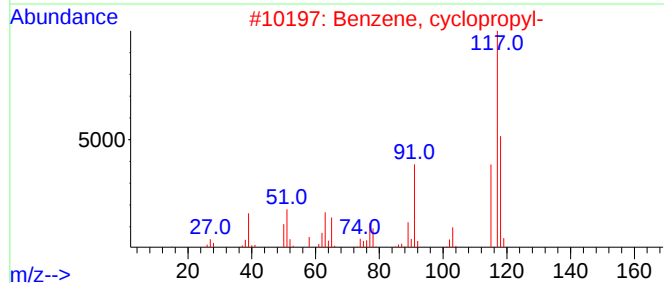
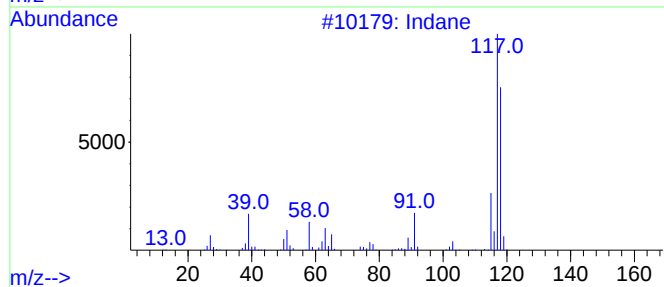
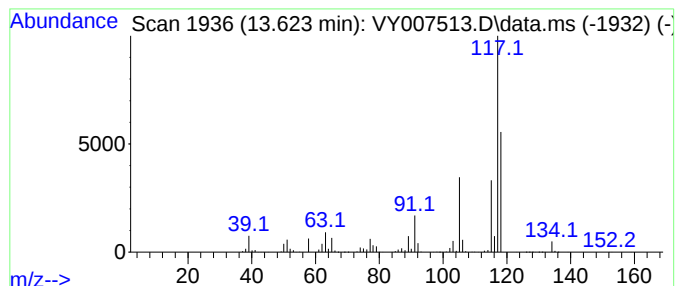
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Quant Title : SW846 8260

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

Peak Number 13 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	159.70 ug/l	1329690	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	70
2			Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
3			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	58
4			Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	50
5			Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021622\
Data File : VY007513.D
Acq On : 16 Feb 2022 16:39
Operator : SY/MD
Sample : N1465-08
Misc : 5.91g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-8-8.0

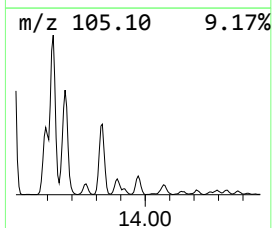
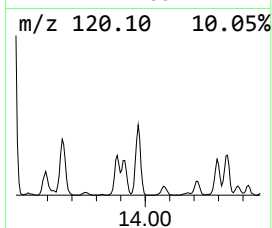
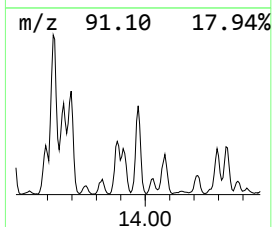
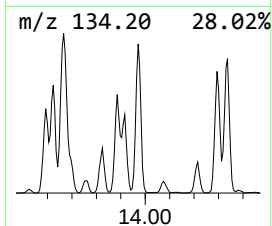
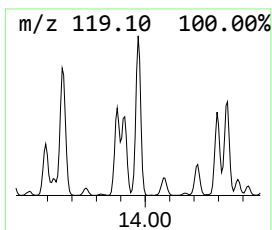
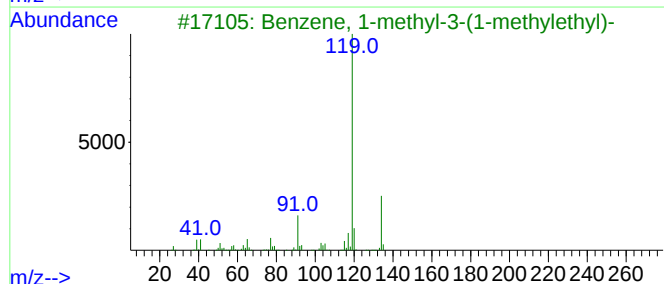
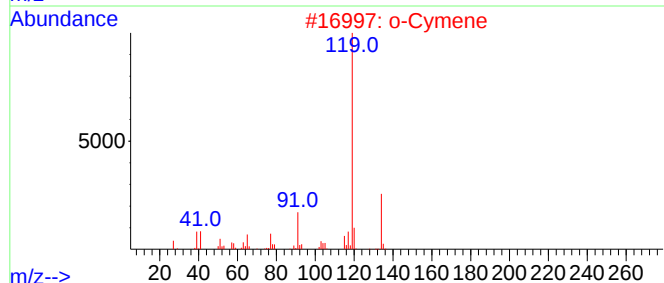
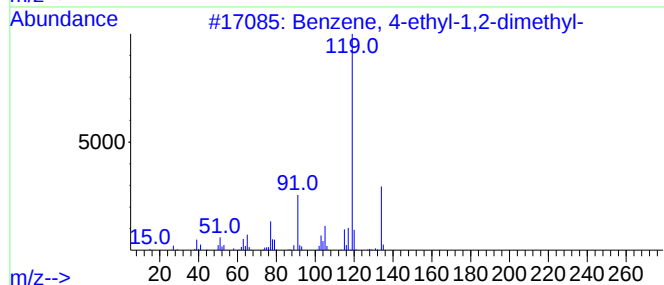
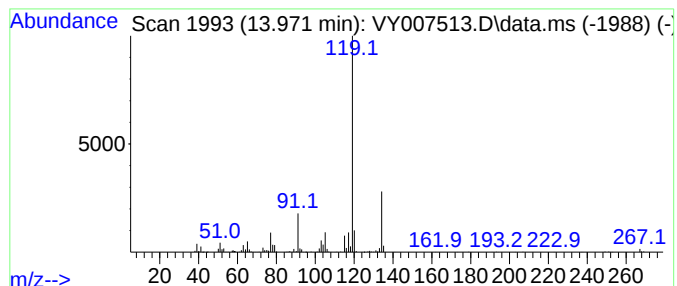
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Quant Title : SW846 8260

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

Peak Number 14 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	57.96 ug/l	482543	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2			o-Cymene	134	C10H14	000527-84-4	95
3			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	95
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5			p-Cymene	134	C10H14	000099-87-6	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021622\
Data File : VY007513.D
Acq On : 16 Feb 2022 16:39
Operator : SY/MD
Sample : N1465-08
Misc : 5.91g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-8-8.0

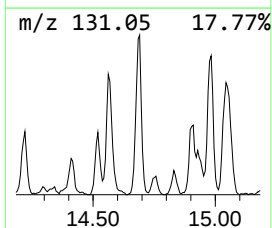
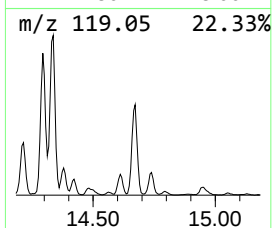
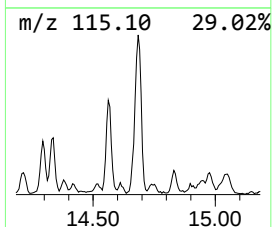
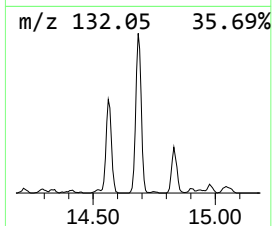
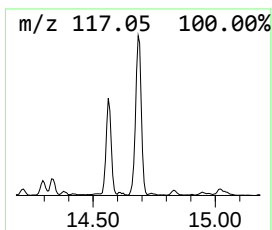
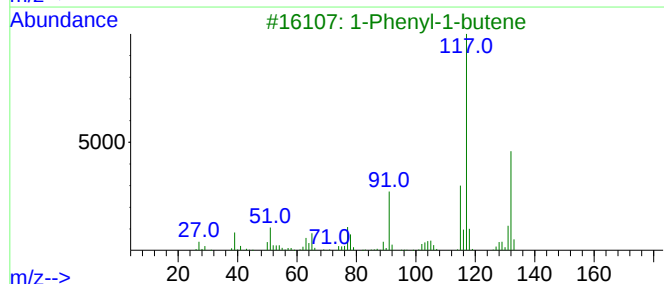
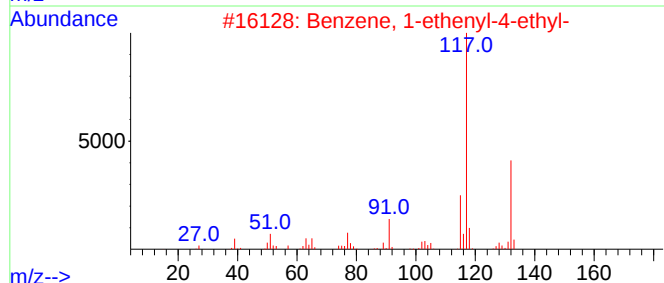
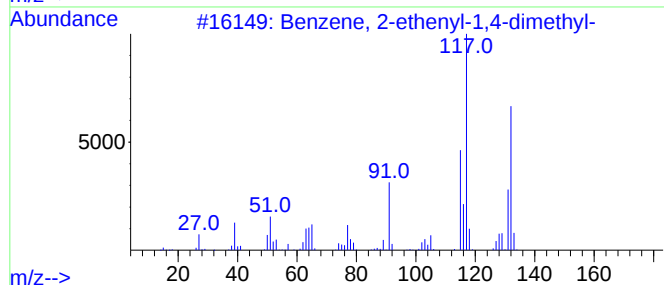
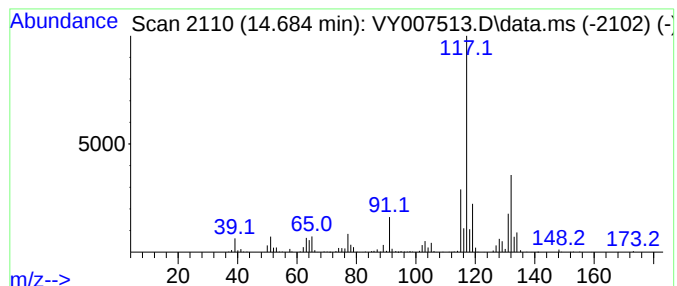
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Quant Title : SW846 8260

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

Peak Number 15 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	59.96 ug/l	499227	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3			1-Phenyl-1-butene	132	C10H12	000824-90-8	91
4			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
5			Benzene, 2-butenyl-	132	C10H12	001560-06-1	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021622\
Data File : VY007513.D
Acq On : 16 Feb 2022 16:39
Operator : SY/MD
Sample : N1465-08
Misc : 5.91g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-8-8.0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methyl-	2.906	65.1	ug/l	2821830	1	7.795	2167050	50.0
Pentane, 2-methyl-	4.771	70.6	ug/l	3058730	1	7.795	2167050	50.0
Pentane, 3-methyl-	5.241	59.7	ug/l	2585960	1	7.795	2167050	50.0
Cyclopentane, 1...	8.283	108.7	ug/l	970410	2	8.691	446318	50.0
Butane, 2,2,3,3...	8.332	162.3	ug/l	1448900	2	8.691	446318	50.0
Cyclopentane, 1...	8.423	50.9	ug/l	454037	2	8.691	446318	50.0
Heptane	8.551	93.5	ug/l	834233	2	8.691	446318	50.0
Pentane, 3-ethyl-	9.618	63.5	ug/l	567285	2	8.691	446318	50.0
Pentane, 2,3,3-...	9.752	93.7	ug/l	836451	2	8.691	446318	50.0
Heptane, 3-methyl-	9.959	49.7	ug/l	443756	2	8.691	446318	50.0
Benzene, 1-ethy...	12.733	249.1	ug/l	2074020	4	13.428	416306	50.0
Benzene, 1-ethy...	12.971	117.5	ug/l	978507	4	13.428	416306	50.0
Indane	13.623	159.7	ug/l	1329690	4	13.428	416306	50.0
Benzene, 4-ethy...	13.971	58.0	ug/l	482543	4	13.428	416306	50.0
Benzene, 2-ethe...	14.684	60.0	ug/l	499227	4	13.428	416306	50.0