

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021622\
 Data File : VY007512.D
 Acq On : 16 Feb 2022 16:16
 Operator : SY/MD
 Sample : N1465-04
 Misc : 6.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A5-4-7.5

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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

Signal : TIC: VY007512.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.948	336	349	368	rBV2	98919	312397	3.65%	0.278%
2	4.710	459	474	500	rBV	168269	662243	7.74%	0.590%
3	4.948	501	513	534	rVB2	101625	381043	4.45%	0.339%
4	5.240	546	561	578	rVB3	48042	189084	2.21%	0.168%
5	6.533	759	773	785	rBV2	55475	189506	2.21%	0.169%
6	6.691	785	799	813	rBV	618746	1990148	23.26%	1.773%
7	6.984	835	847	867	rVB2	53594	173676	2.03%	0.155%
8	7.533	920	937	949	rBV	135485	396033	4.63%	0.353%
9	7.722	958	968	972	rBV	80645	200629	2.34%	0.179%
10	7.789	972	979	985	rVV2	155505	426151	4.98%	0.380%
11	7.874	985	993	1007	rVV	1826977	4613800	53.92%	4.110%
12	8.063	1018	1024	1031	rVV	60547	152039	1.78%	0.135%
13	8.149	1031	1038	1046	rVV	72593	166767	1.95%	0.149%
14	8.270	1046	1058	1061	rVV2	447102	1154288	13.49%	1.028%
15	8.331	1061	1068	1078	rVV	3421617	8556178	100.00%	7.622%
16	8.691	1119	1127	1136	rBV	218009	428825	5.01%	0.382%
17	9.008	1171	1179	1192	rVB	187890	399430	4.67%	0.356%
18	9.154	1192	1203	1205	rBV	740905	1448106	16.92%	1.290%
19	9.191	1205	1209	1213	rVV	1851579	3529444	41.25%	3.144%
20	9.246	1213	1218	1225	rVV	2145256	4028826	47.09%	3.589%
21	9.325	1225	1231	1243	rVV	317333	659833	7.71%	0.588%
22	9.465	1243	1254	1262	rVV2	1228784	2858269	33.41%	2.546%
23	9.618	1270	1279	1290	rVB2	3425695	6825755	79.78%	6.081%
24	9.752	1290	1301	1308	rBV	3899654	8430185	98.53%	7.510%
25	9.807	1308	1310	1314	rVV3	321831	521959	6.10%	0.465%
26	9.856	1314	1318	1324	rVB	612267	1027850	12.01%	0.916%
27	9.941	1324	1332	1338	rBV4	1022048	2973931	34.76%	2.649%
28	9.990	1338	1340	1348	rVB	794420	1209416	14.14%	1.077%
29	10.112	1348	1360	1366	rBV3	2471512	5085143	59.43%	4.530%
30	10.179	1366	1371	1384	rVB2	1321287	2657967	31.06%	2.368%
31	10.307	1384	1392	1394	rBV3	270796	504410	5.90%	0.449%
32	10.349	1394	1399	1410	rVB2	534917	1352413	15.81%	1.205%
33	10.483	1410	1421	1423	rBV4	286994	652123	7.62%	0.581%
34	10.526	1423	1428	1436	rVB	1146820	2010494	23.50%	1.791%
35	10.624	1436	1444	1455	rBV6	1277489	3698008	43.22%	3.294%
36	10.715	1455	1459	1464	rVB	727735	1124255	13.14%	1.002%

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37	10.807	1464	1474	1479	rBV	1194656	2202025	25.74%	1.962%
38	10.868	1479	1484	1485	rBV2	154876	231666	2.71%	0.206%
39	10.904	1485	1490	1498	rVB	1339047	2735174	31.97%	2.437%
40	10.977	1498	1502	1503	rBV	270120	324460	3.79%	0.289%
41	11.008	1503	1507	1512	rVV	462787	733953	8.58%	0.654%
42	11.093	1513	1521	1526	rVV2	1345939	2712078	31.70%	2.416%
43	11.148	1526	1530	1534	rVV3	603559	1000180	11.69%	0.891%
44	11.209	1534	1540	1543	rVV2	727120	1292054	15.10%	1.151%
45	11.246	1543	1546	1549	rVV2	518080	870223	10.17%	0.775%
46	11.294	1552	1554	1563	rVB3	857941	1808584	21.14%	1.611%
47	11.380	1563	1568	1573	rBV	726263	1348362	15.76%	1.201%
48	11.495	1580	1587	1591	rBV3	447264	896076	10.47%	0.798%
49	11.569	1595	1599	1604	rVV2	282466	517512	6.05%	0.461%
50	11.630	1605	1609	1612	rVV	398003	557335	6.51%	0.496%
51	11.678	1612	1617	1621	rVB4	408966	744260	8.70%	0.663%
52	11.739	1621	1627	1631	rBV2	1208929	2263255	26.45%	2.016%
53	11.782	1631	1634	1639	rVB	713553	1055940	12.34%	0.941%
54	11.843	1639	1644	1647	rBV5	84947	180691	2.11%	0.161%
55	11.898	1648	1653	1656	rBV3	157267	258370	3.02%	0.230%
56	11.941	1656	1660	1664	rBV3	305268	460285	5.38%	0.410%
57	12.001	1664	1670	1677	rBV4	843629	2024701	23.66%	1.804%
58	12.062	1677	1680	1683	rVB3	204269	229469	2.68%	0.204%
59	12.203	1699	1703	1706	rBV3	332315	458608	5.36%	0.409%
60	12.245	1706	1710	1714	rVB3	334800	558337	6.53%	0.497%
61	12.367	1724	1730	1736	rBV6	224365	611151	7.14%	0.544%
62	12.465	1741	1746	1754	rVB	1167511	2240814	26.19%	1.996%
63	12.575	1758	1764	1768	rVB5	261437	513777	6.00%	0.458%
64	12.642	1768	1775	1783	rVB4	454132	1381289	16.14%	1.231%
65	12.727	1783	1789	1794	rBV7	153486	421485	4.93%	0.375%
66	12.812	1796	1803	1810	rBV7	340010	1029417	12.03%	0.917%
67	12.953	1822	1826	1829	rVB4	120656	171765	2.01%	0.153%
68	13.007	1831	1835	1838	rVV3	175832	289305	3.38%	0.258%
69	13.044	1838	1841	1843	rVV3	219522	337970	3.95%	0.301%
70	13.068	1843	1845	1849	rVB	242501	281077	3.29%	0.250%
71	13.172	1858	1862	1868	rVB2	193881	333193	3.89%	0.297%
72	13.288	1877	1881	1885	rVB	302932	428474	5.01%	0.382%
73	13.428	1900	1904	1908	rVV	249783	405900	4.74%	0.362%
74	13.483	1908	1913	1922	rVB	318021	708443	8.28%	0.631%
75	13.593	1927	1931	1936	rBV	407018	586050	6.85%	0.522%
76	13.751	1952	1957	1963	rBV2	185005	315412	3.69%	0.281%

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77	13.904	1978	1982	1987	rVB4	78113	134539	1.57%	0.120%
78	13.971	1989	1993	1999	rVV3	98611	167245	1.95%	0.149%
79	14.080	2005	2011	2015	rVB4	155701	302862	3.54%	0.270%
80	14.147	2015	2022	2027	rBV6	95264	214592	2.51%	0.191%
81	14.269	2037	2042	2043	rBV3	124368	193754	2.26%	0.173%
82	14.379	2055	2060	2064	rBV	463980	753382	8.81%	0.671%
83	14.416	2064	2066	2071	rVV2	151126	203297	2.38%	0.181%
84	14.483	2071	2077	2080	rVV	94206	155686	1.82%	0.139%
85	14.580	2087	2093	2096	rBV4	84269	159013	1.86%	0.142%
86	14.684	2104	2110	2115	rBV5	76014	198612	2.32%	0.177%
87	14.739	2115	2119	2124	rVV4	98754	222872	2.60%	0.199%
88	14.946	2148	2153	2157	rBV2	288808	437842	5.12%	0.390%
89	15.056	2166	2171	2177	rVB	271758	588965	6.88%	0.525%
90	15.208	2191	2196	2205	rBV5	133482	305029	3.57%	0.272%
91	15.342	2214	2218	2222	rVV3	80003	147811	1.73%	0.132%
92	15.391	2223	2226	2230	rVV2	69771	131757	1.54%	0.117%
93	15.434	2230	2233	2240	rVB2	97511	170992	2.00%	0.152%
94	15.525	2241	2248	2259	rBV6	52460	223751	2.62%	0.199%
95	15.672	2265	2272	2277	rBV5	112022	259556	3.03%	0.231%
96	15.818	2291	2296	2301	rVV2	82359	135846	1.59%	0.121%
97	15.879	2301	2306	2312	rVB3	72312	141459	1.65%	0.126%
98	16.025	2323	2330	2336	rBV3	78817	184476	2.16%	0.164%
99	16.293	2369	2374	2378	rVV	62664	121584	1.42%	0.108%
100	16.495	2399	2407	2420	rBV7	62800	189240	2.21%	0.169%

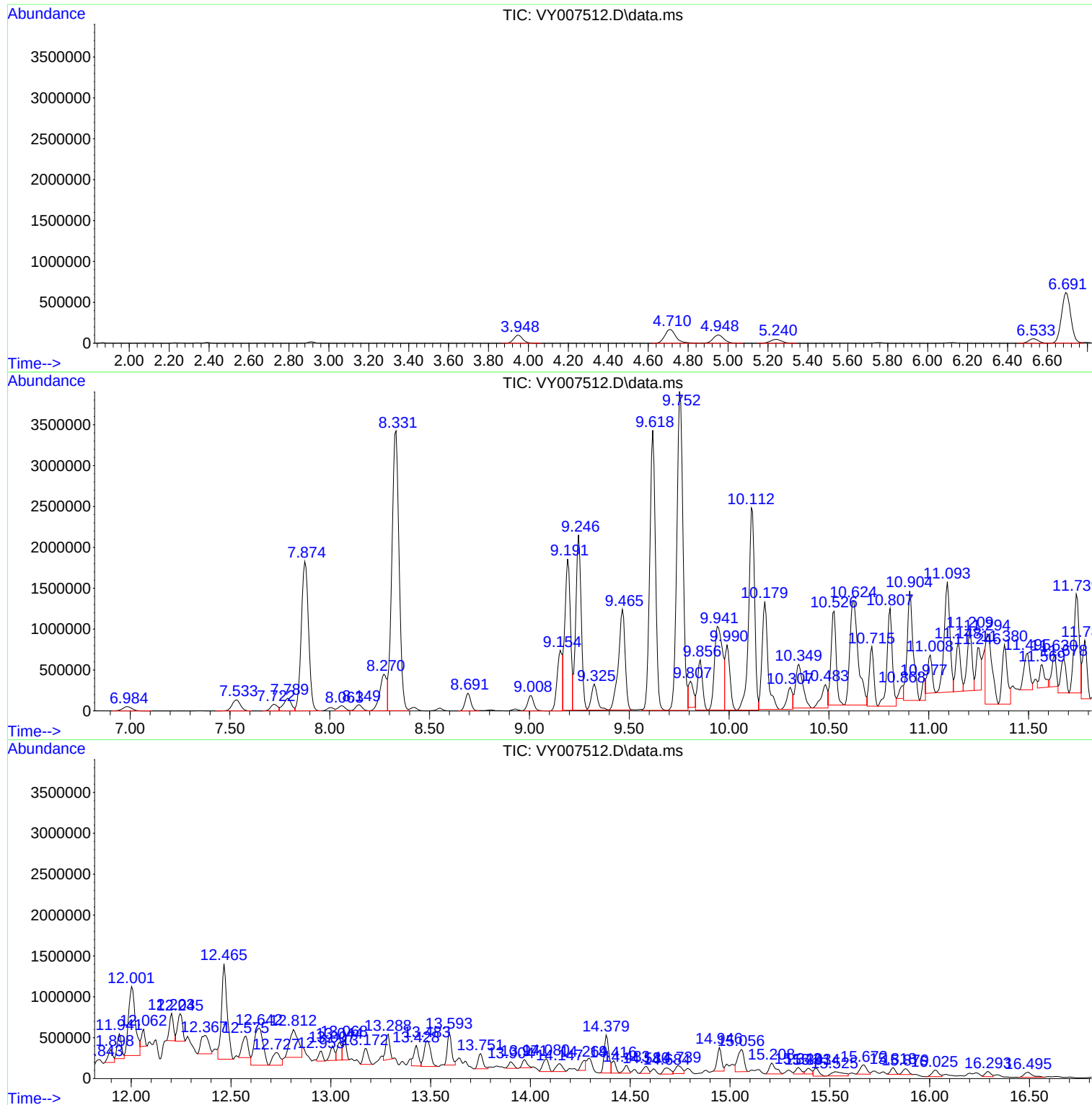
Sum of corrected areas: 112253906

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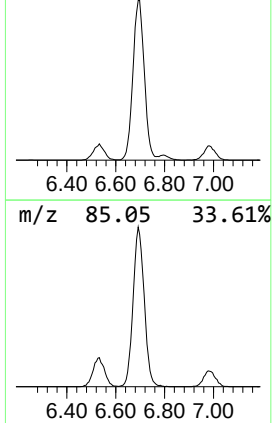
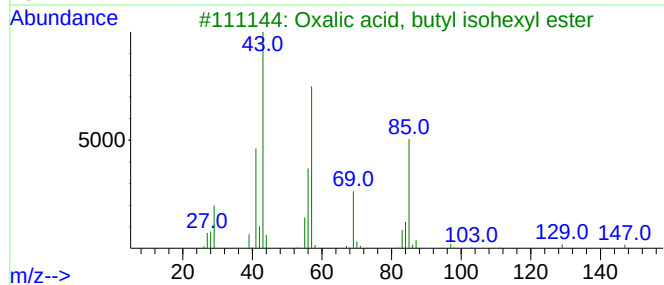
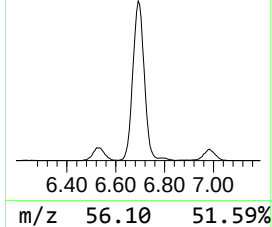
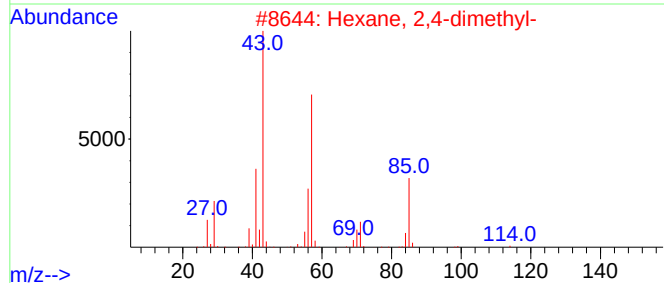
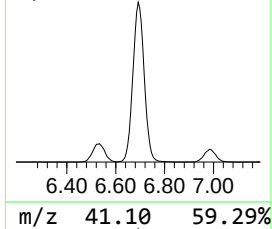
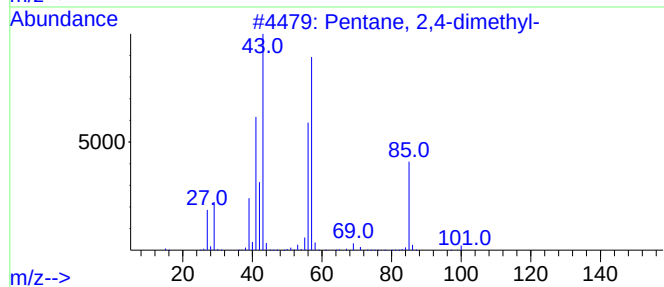
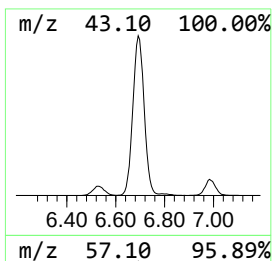
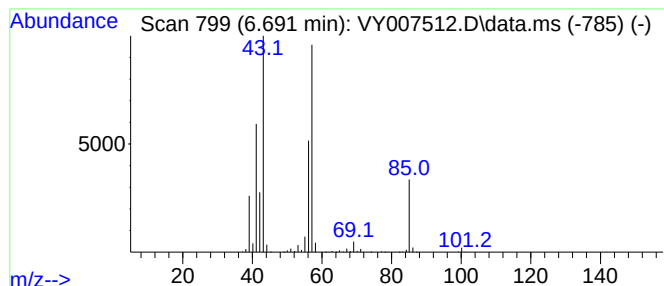
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

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

Peak Number 1 Pentane, 2,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.691	233.50 ug/l	1990150	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	94
2			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
3			Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	64
4			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	64
5			Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	53



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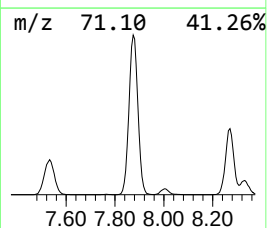
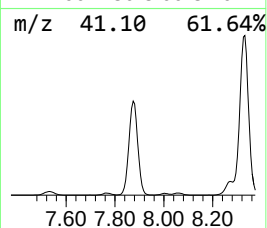
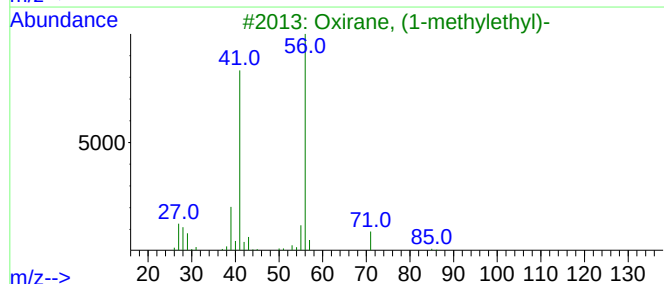
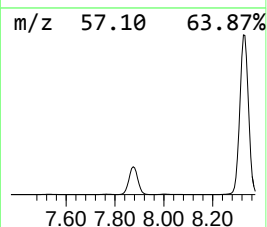
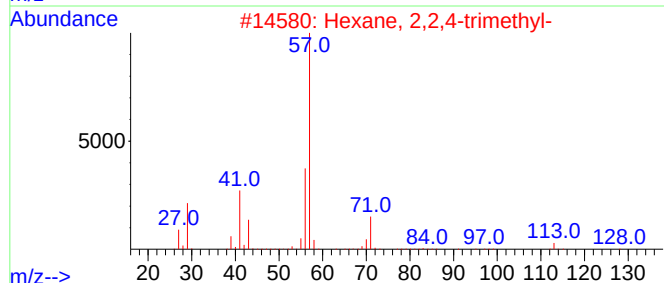
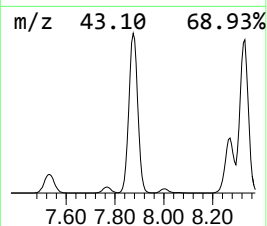
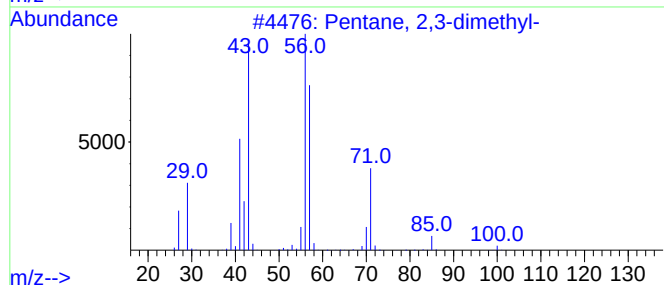
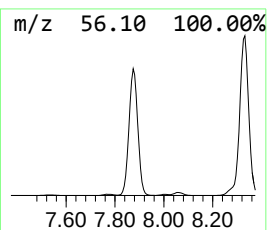
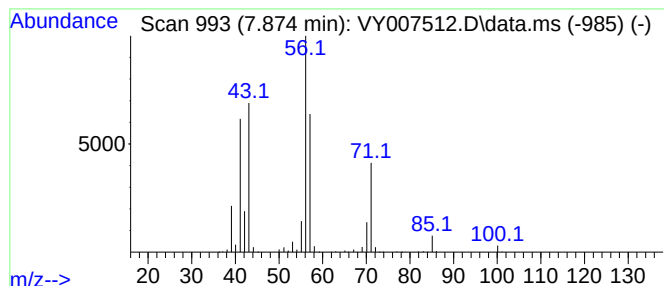
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Quant Title : SW846 8260

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

Peak Number 2 Pentane, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.874	541.33 ug/l	4613800	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	56
3			Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	47
4			Hexane, 3-methyl-	100	C7H16	000589-34-4	38
5			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	38



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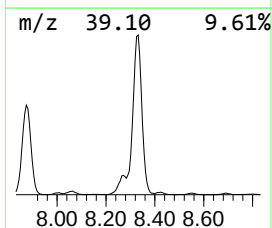
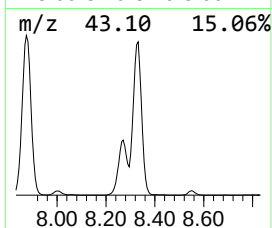
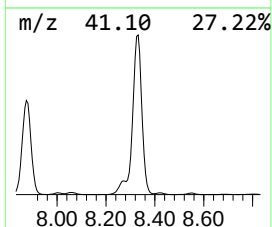
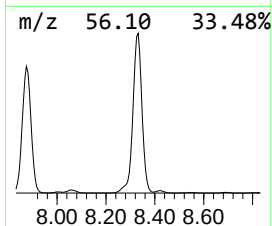
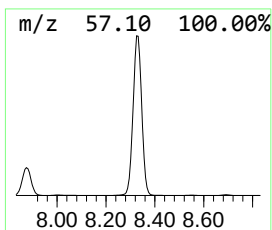
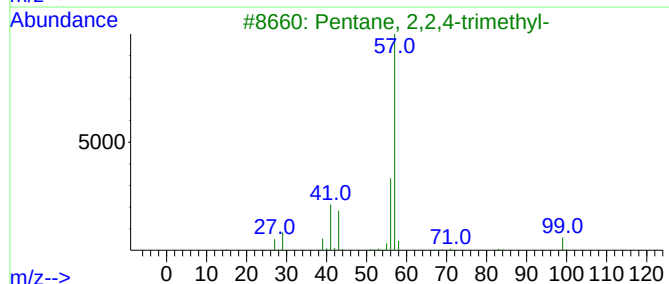
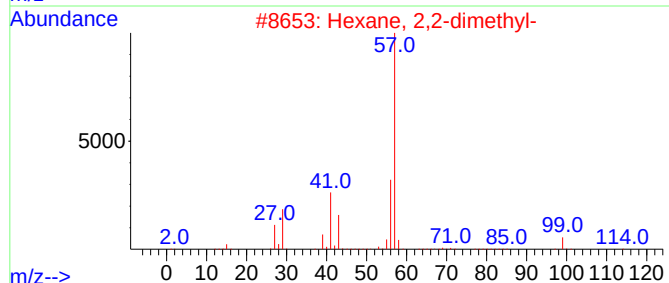
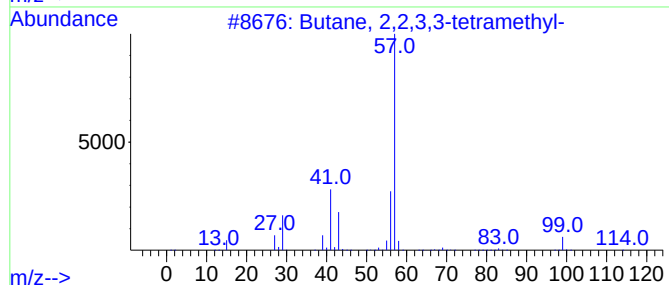
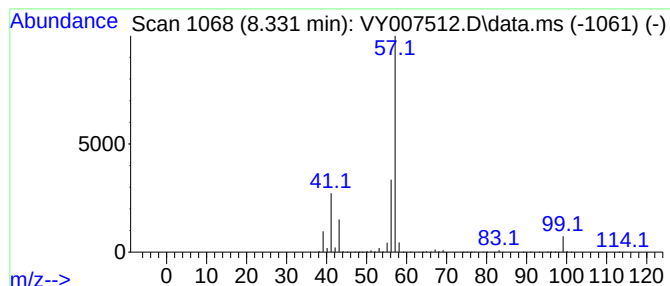
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.331	997.63 ug/l	8556180	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			Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	72
5			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021622\
Data File : VY007512.D
Acq On : 16 Feb 2022 16:16
Operator : SY/MD
Sample : N1465-04
Misc : 6.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-4-7.5

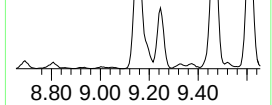
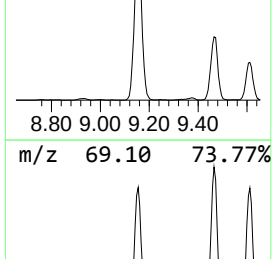
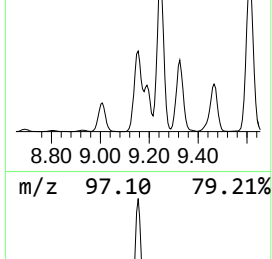
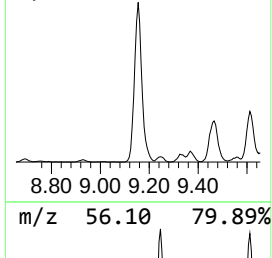
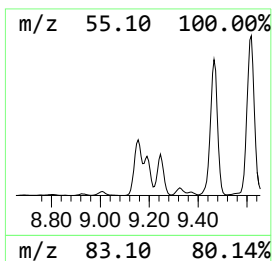
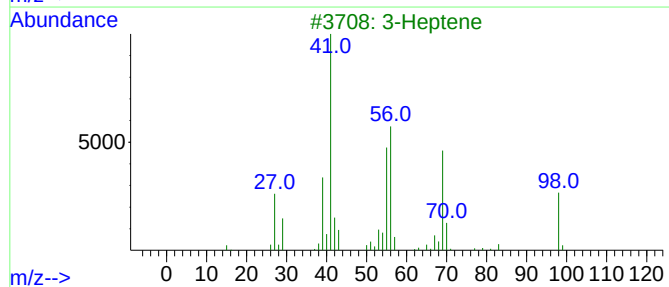
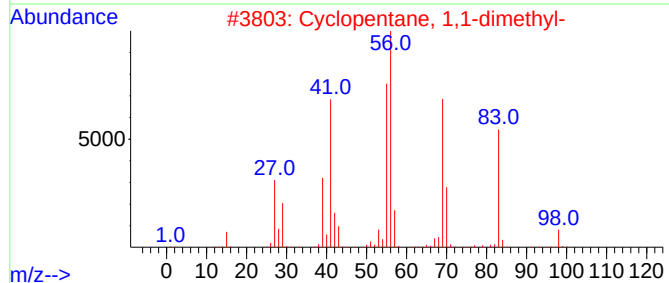
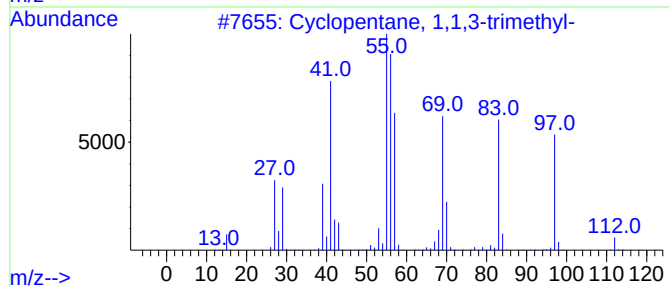
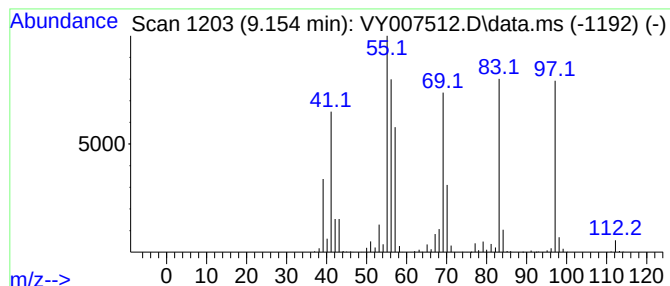
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Quant Title : SW846 8260

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

Peak Number 4 Cyclopentane, 1,1,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.154	168.85 ug/l	1448110	1,4-Difluorobenzene	8.691

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	76
2			Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	49
3			3-Heptene	98	C7H14	000592-78-9	43
4			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	41
5			1-Hexene, 3-methyl-	98	C7H14	003404-61-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021622\
Data File : VY007512.D
Acq On : 16 Feb 2022 16:16
Operator : SY/MD
Sample : N1465-04
Misc : 6.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-4-7.5

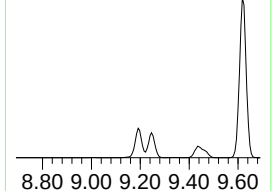
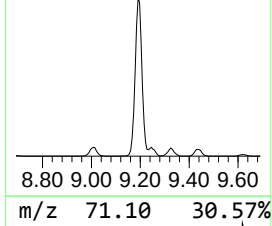
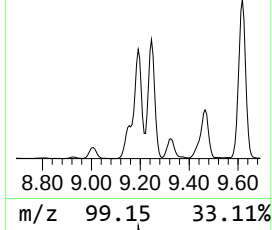
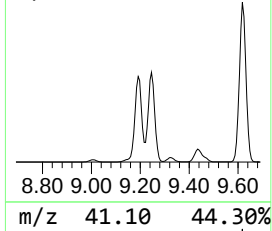
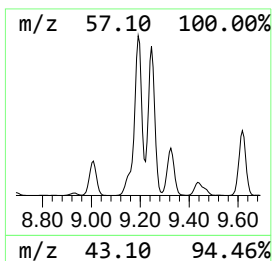
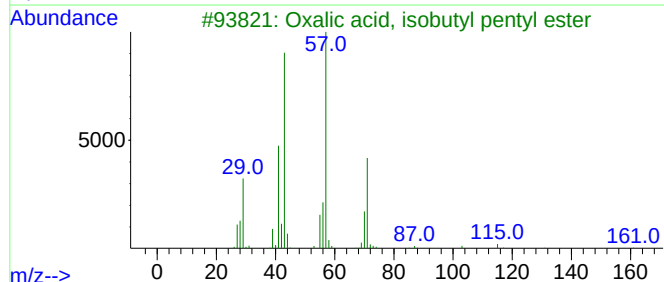
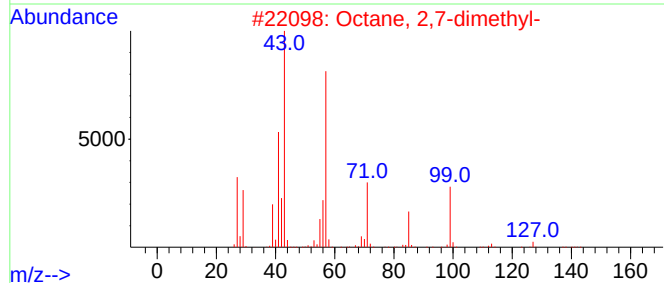
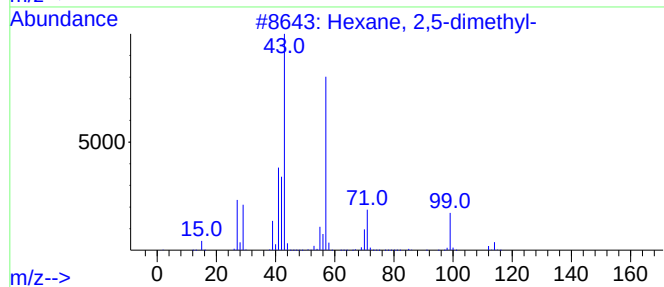
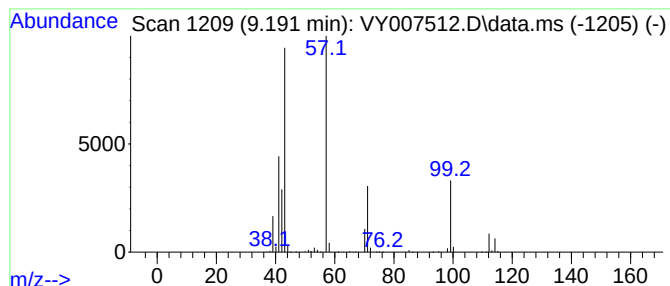
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Quant Title : SW846 8260

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

Peak Number 5 Hexane, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.191	411.52 ug/l	3529440	1,4-Difluorobenzene	8.691

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	91
2			Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	64
3			Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	47
4			2,5-Hexanedione	114	C6H10O2	000110-13-4	38
5			2-Piperidinone	99	C5H9NO	000675-20-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021622\
Data File : VY007512.D
Acq On : 16 Feb 2022 16:16
Operator : SY/MD
Sample : N1465-04
Misc : 6.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-4-7.5

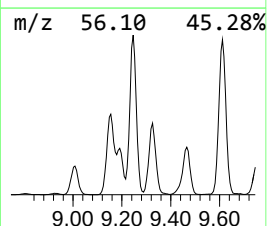
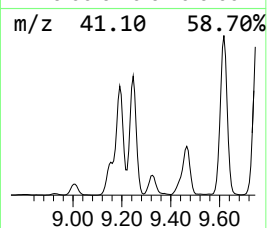
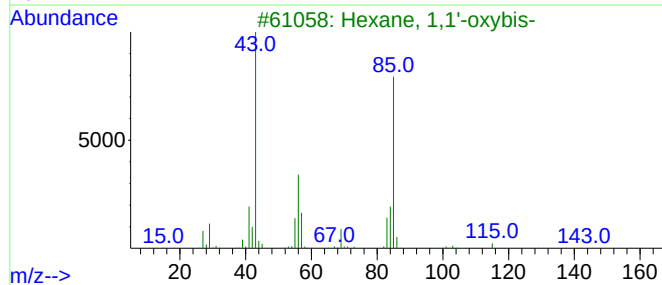
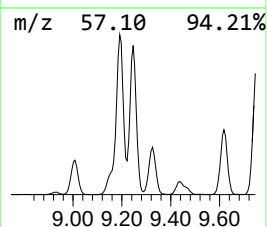
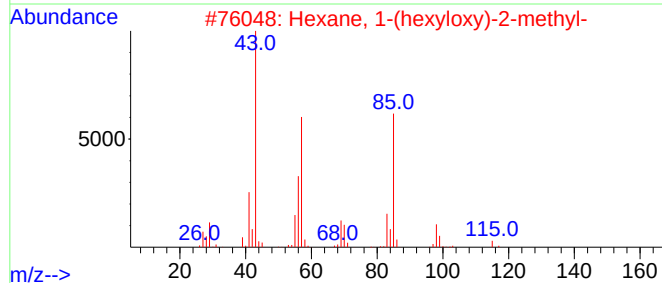
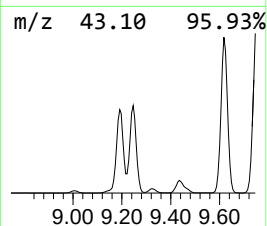
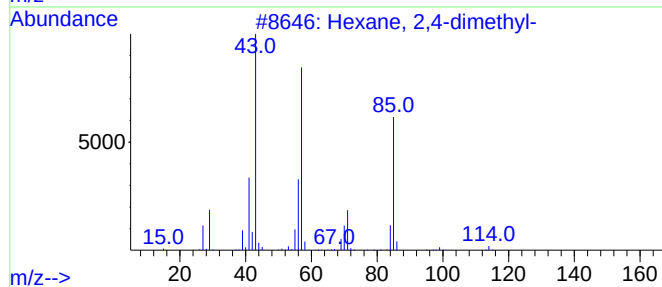
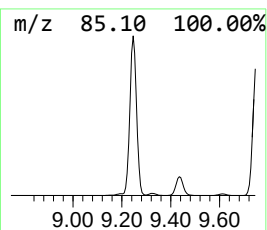
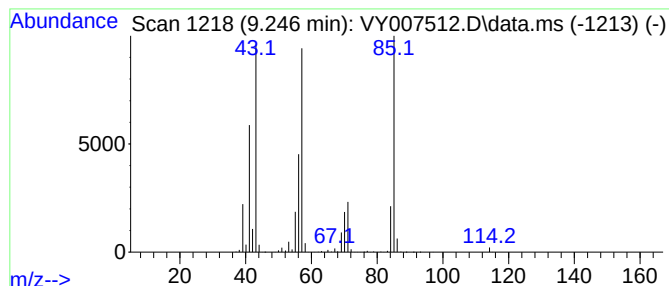
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Quant Title : SW846 8260

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

Peak Number 6 Hexane, 2,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.246	469.75 ug/l	4028830	1,4-Difluorobenzene	8.691

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	68
2			Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	64
3			Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	64
4			2-Pentoxo-tetrahydropyran	172	C10H20O2	032767-70-7	64
5			Heptane, 4,4-dimethyl-	128	C9H20	001068-19-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021622\
Data File : VY007512.D
Acq On : 16 Feb 2022 16:16
Operator : SY/MD
Sample : N1465-04
Misc : 6.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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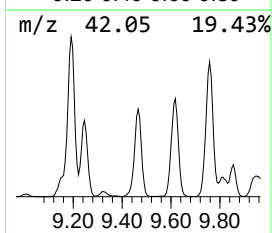
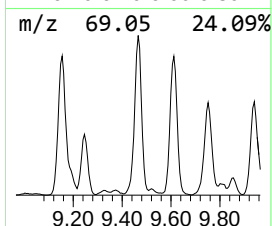
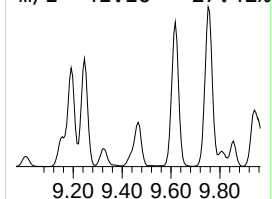
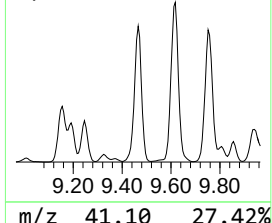
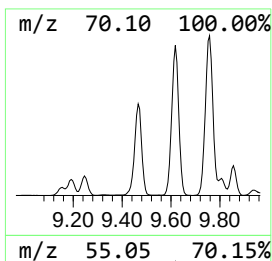
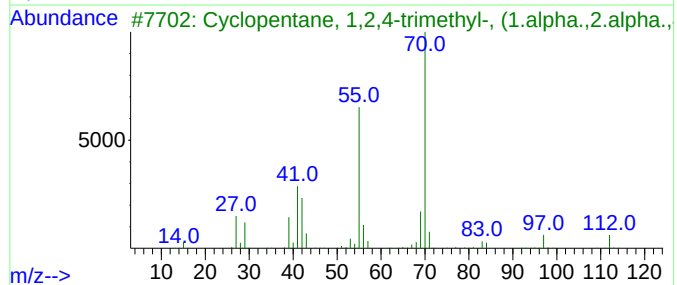
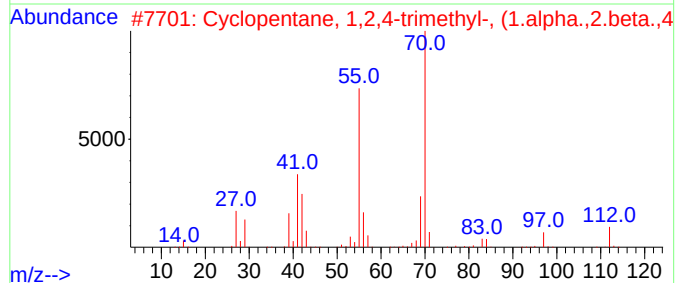
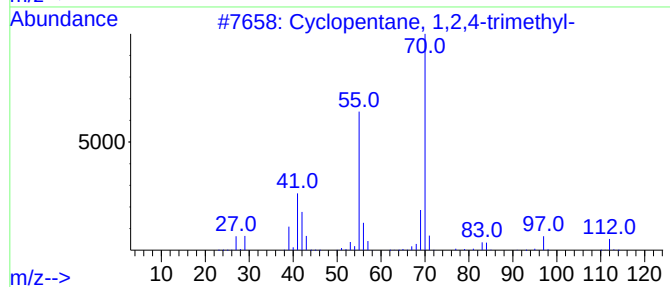
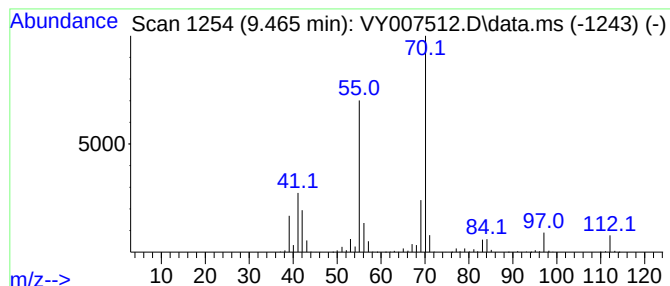
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Quant Title : SW846 8260

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

Peak Number 7 Cyclopentane, 1,2,4-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.465	333.27 ug/l	2858270	1,4-Difluorobenzene	8.691

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	94
2			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	94
3			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	81
4			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	72
5			cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021622\
Data File : VY007512.D
Acq On : 16 Feb 2022 16:16
Operator : SY/MD
Sample : N1465-04
Misc : 6.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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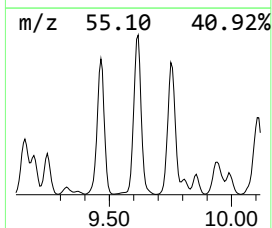
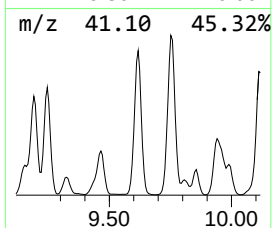
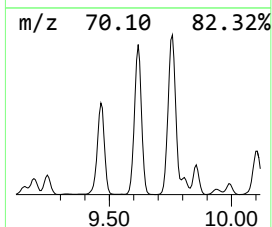
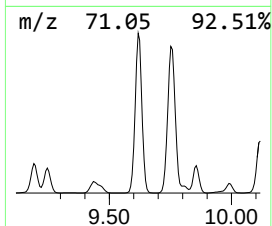
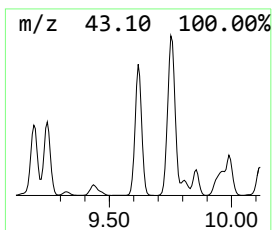
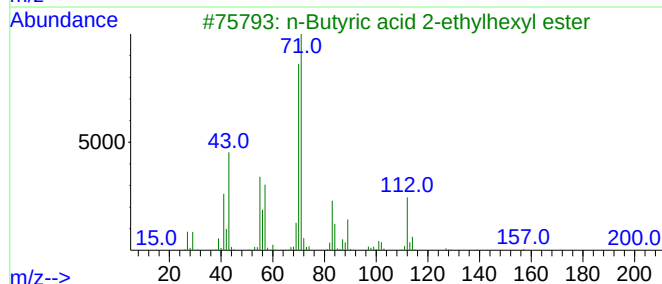
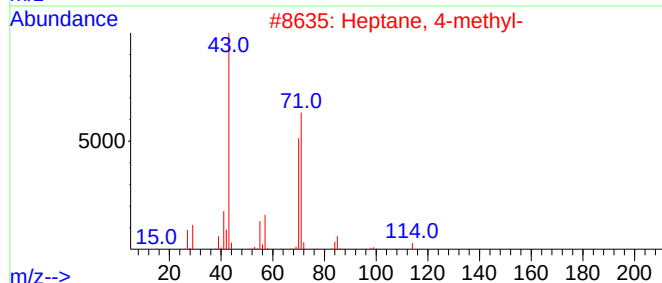
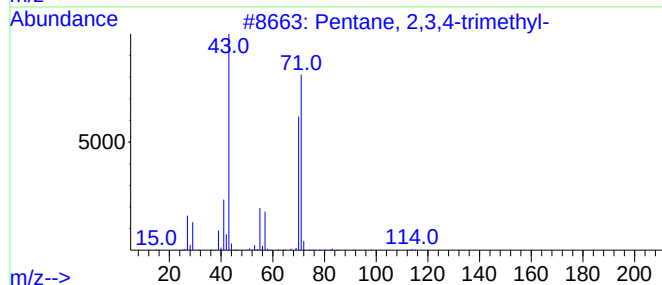
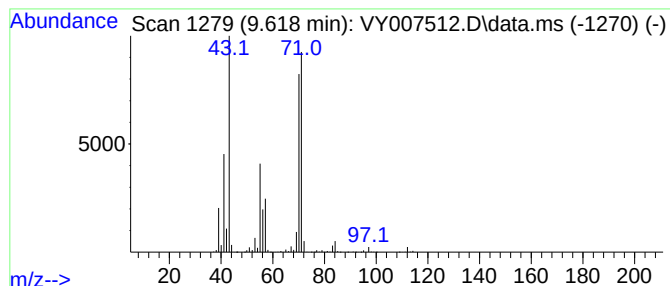
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Quant Title : SW846 8260

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

Peak Number 8 Pentane, 2,3,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.618	795.87 ug/l	6825760	1,4-Difluorobenzene	8.691

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	80
2			Heptane, 4-methyl-	114	C8H18	000589-53-7	72
3			n-Butyric acid 2-ethylhexyl ester	200	C12H24O2	025415-84-3	56
4			Pentane, 3-ethyl-	100	C7H16	000617-78-7	56
5			3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021622\
Data File : VY007512.D
Acq On : 16 Feb 2022 16:16
Operator : SY/MD
Sample : N1465-04
Misc : 6.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A5-4-7.5

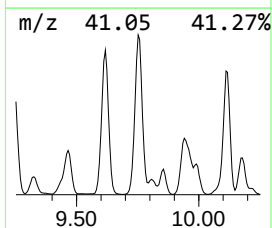
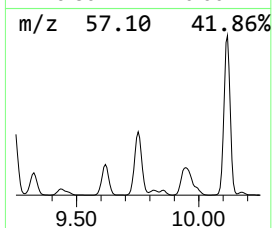
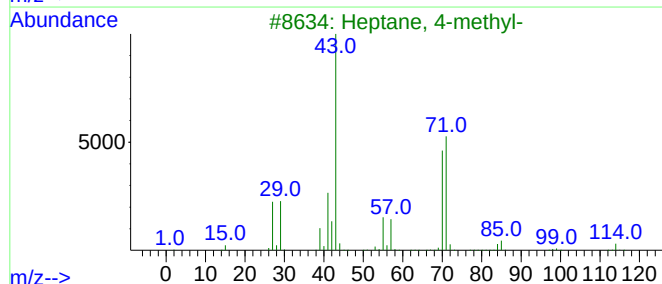
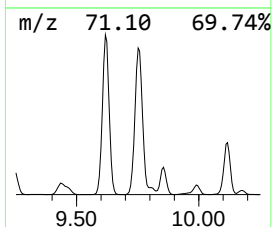
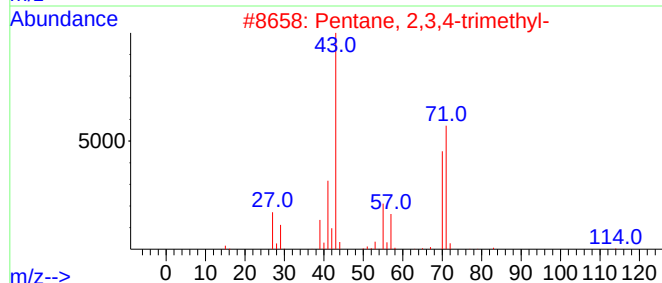
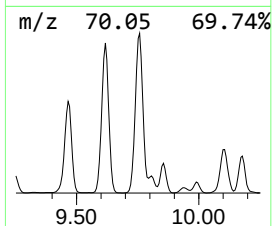
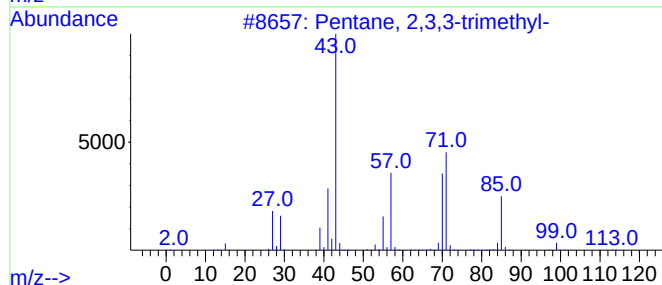
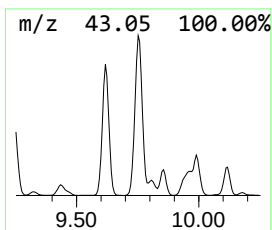
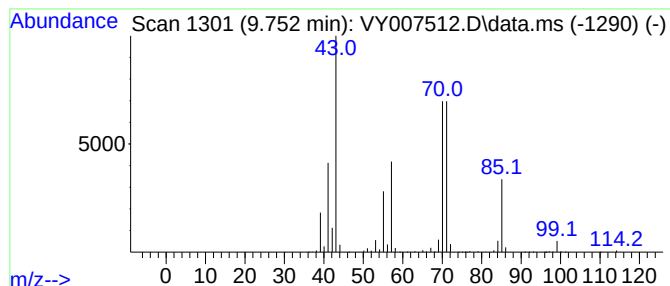
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.752	982.94 ug/l	8430190	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	74
3			Heptane, 4-methyl-	114	C8H18	000589-53-7	72
4			Hexane, 3-methyl-	100	C7H16	000589-34-4	72
5			Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021622\
Data File : VY007512.D
Acq On : 16 Feb 2022 16:16
Operator : SY/MD
Sample : N1465-04
Misc : 6.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-4-7.5

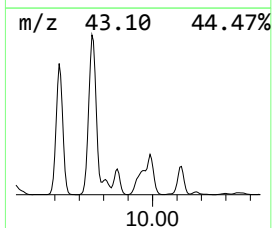
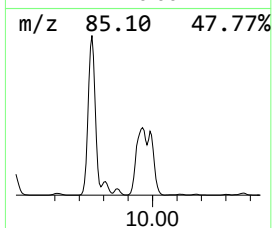
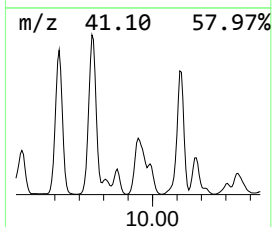
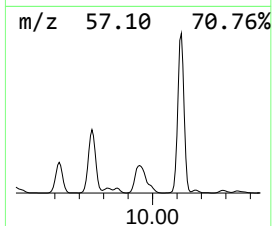
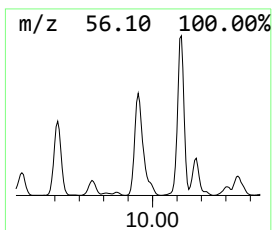
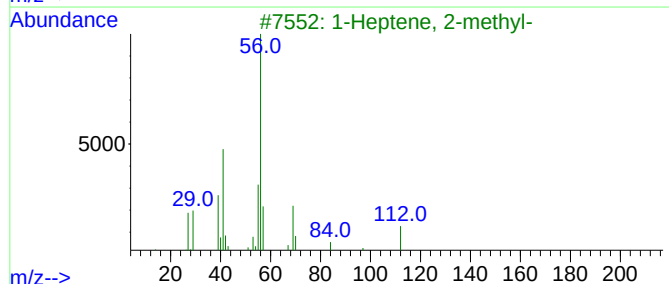
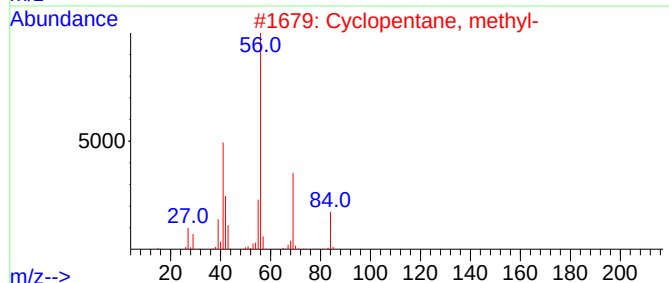
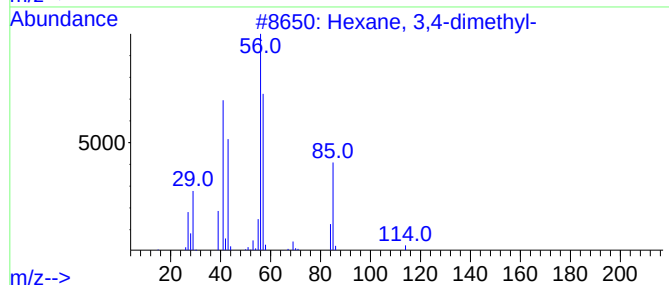
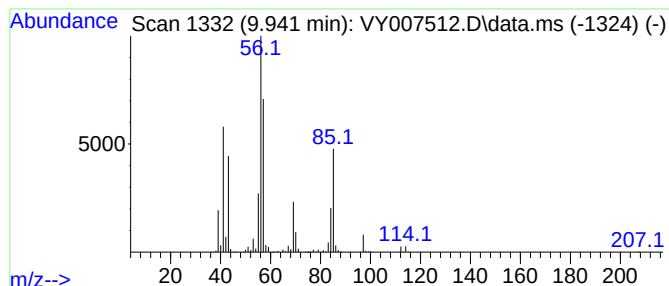
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Quant Title : SW846 8260

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

Peak Number 10 Hexane, 3,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.941	346.75 ug/l	2973930	1,4-Difluorobenzene	8.691

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	83
2		Cyclopentane, methyl-	84	C6H12	000096-37-7	47
3		1-Heptene, 2-methyl-	112	C8H16	015870-10-7	47
4		1-Hexene	84	C6H12	000592-41-6	47
5		2,4-Dimethyl-1-hexene	112	C8H16	016746-87-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021622\
Data File : VY007512.D
Acq On : 16 Feb 2022 16:16
Operator : SY/MD
Sample : N1465-04
Misc : 6.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-4-7.5

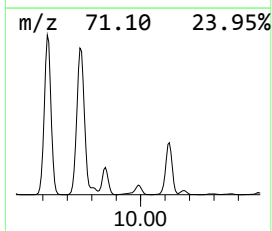
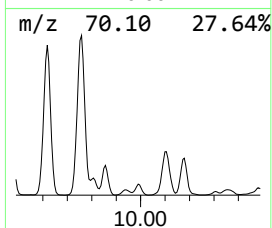
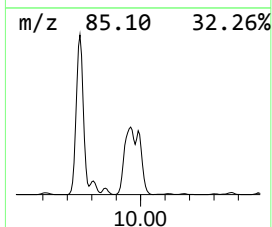
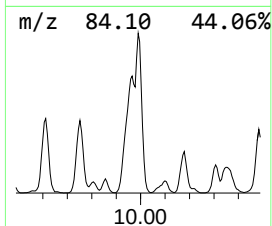
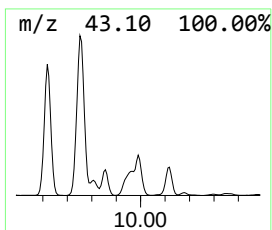
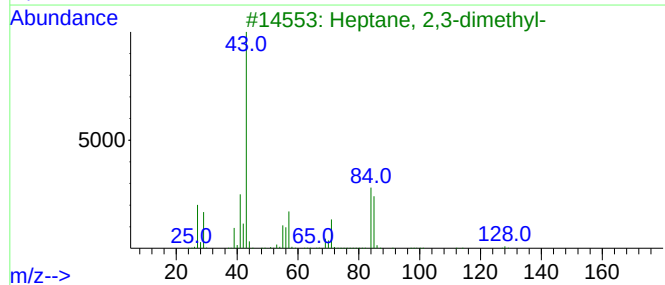
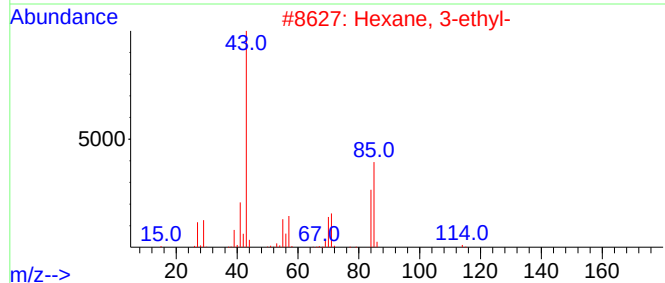
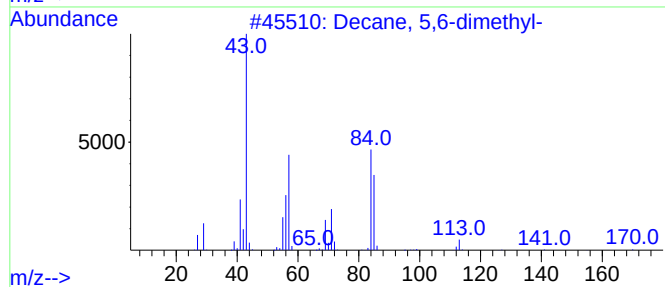
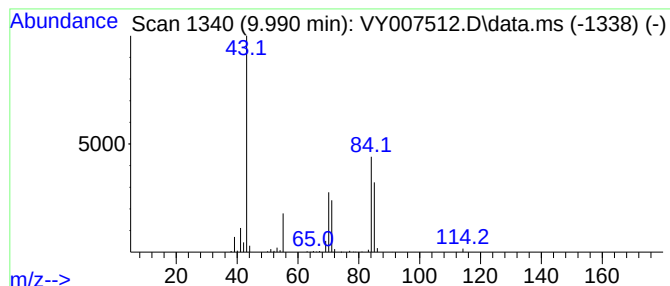
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Quant Title : SW846 8260

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

Peak Number 11 Decane, 5,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.990	141.01 ug/l	1209420	1,4-Difluorobenzene	8.691

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	53
2			Hexane, 3-ethyl-	114	C8H18	000619-99-8	49
3			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	45
4			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	42
5			Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021622\
Data File : VY007512.D
Acq On : 16 Feb 2022 16:16
Operator : SY/MD
Sample : N1465-04
Misc : 6.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-4-7.5

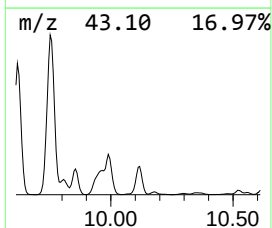
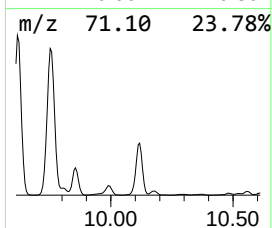
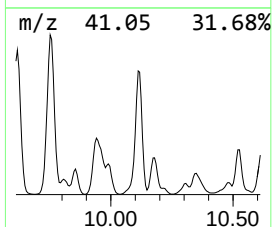
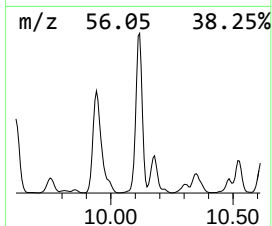
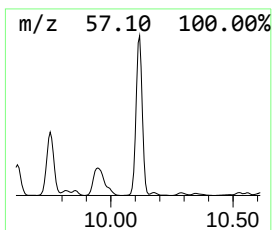
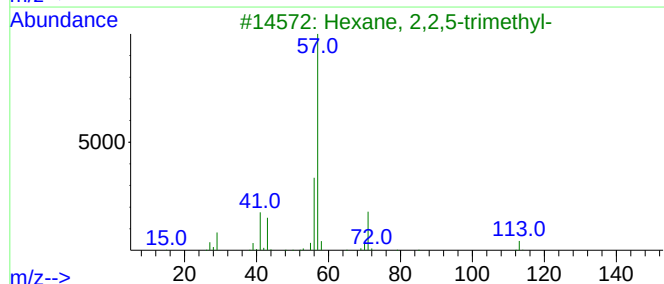
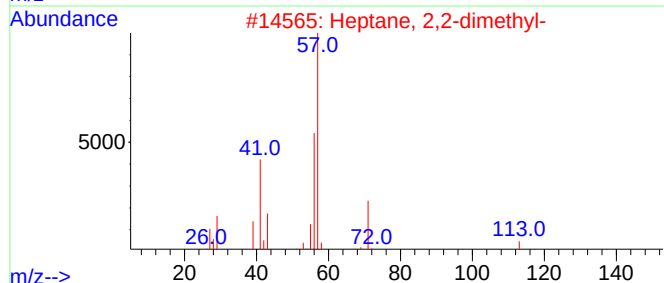
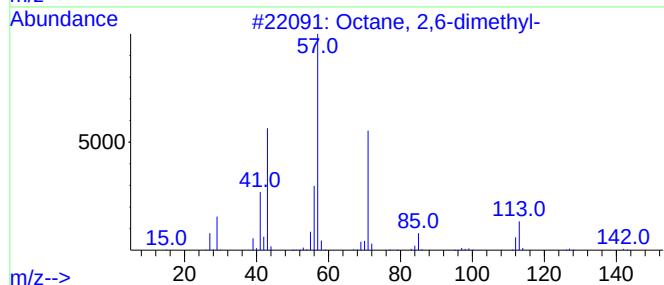
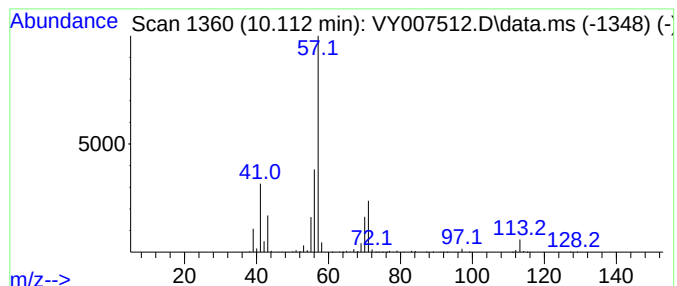
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Quant Title : SW846 8260

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

Peak Number 12 Octane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.112	283.75 ug/l	5085140	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2			Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	72
3			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	72
4			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	64
5			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021622\
Data File : VY007512.D
Acq On : 16 Feb 2022 16:16
Operator : SY/MD
Sample : N1465-04
Misc : 6.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-4-7.5

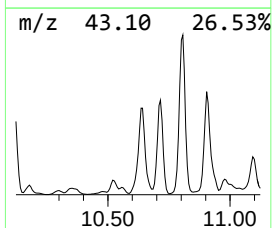
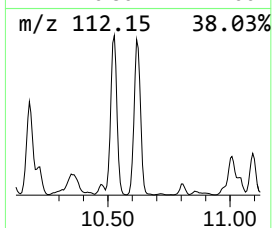
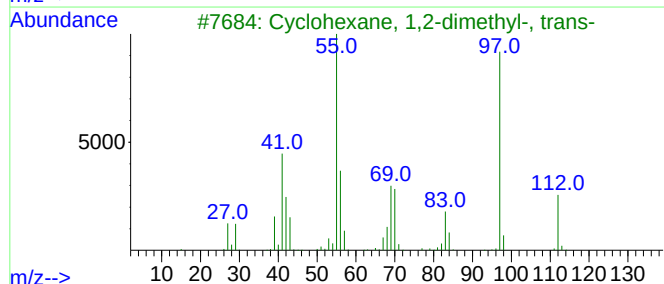
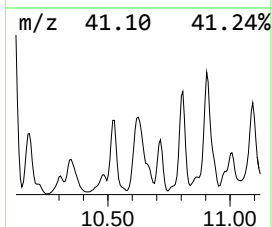
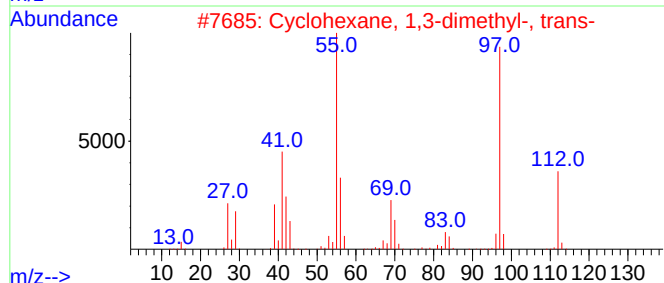
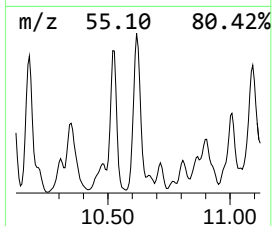
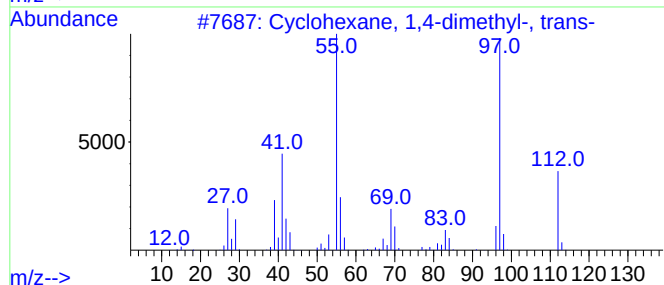
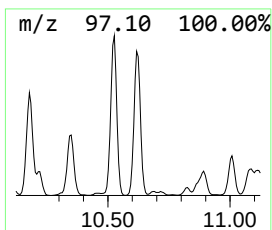
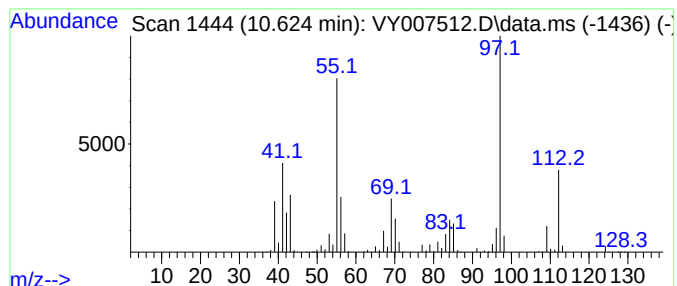
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Quant Title : SW846 8260

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

Peak Number 13 Cyclohexane, 1,4-dimethyl-,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.624	206.35 ug/l	3698010	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	87
2			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	87
3			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	81
4			Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	76
5			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021622\
Data File : VY007512.D
Acq On : 16 Feb 2022 16:16
Operator : SY/MD
Sample : N1465-04
Misc : 6.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

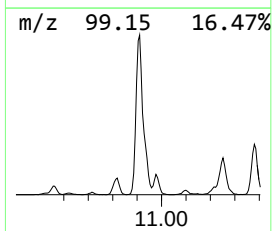
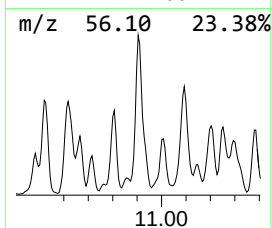
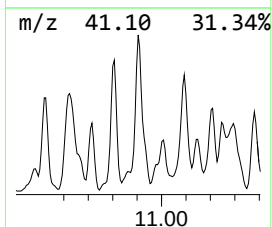
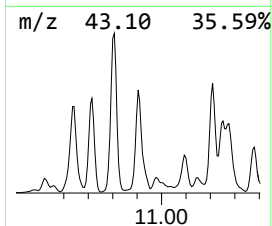
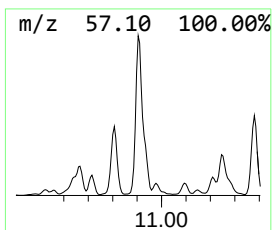
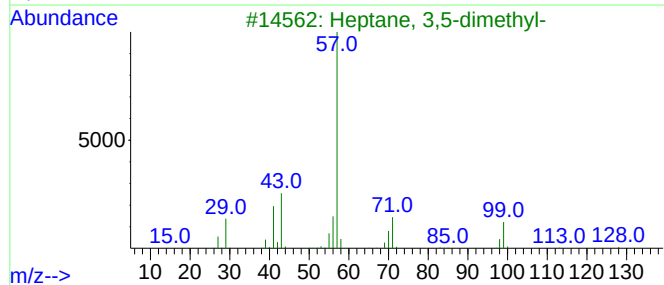
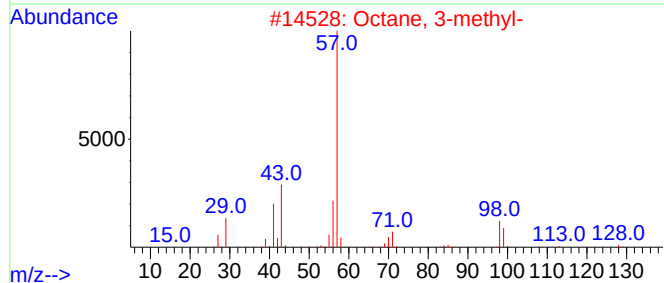
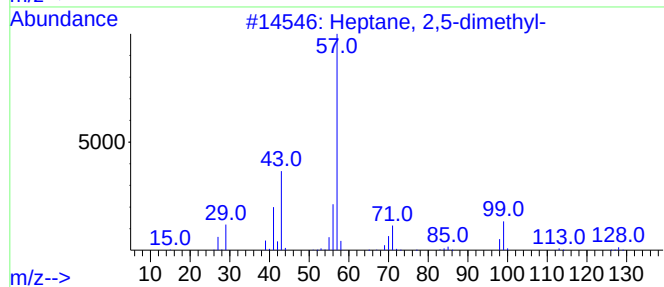
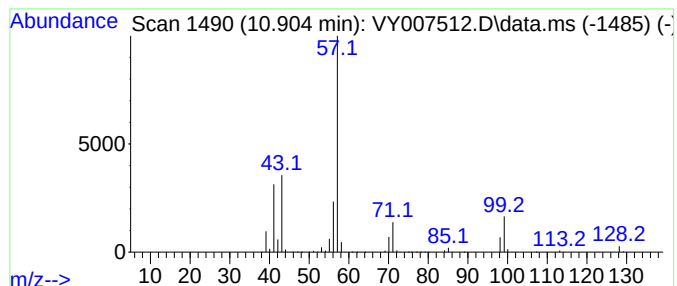
Instrument :
MSVOA_Y
ClientSampleId :
A5-4-7.5

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 14 Heptane, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.904	152.62 ug/l	2735170	Chlorobenzene-d5	11.496	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
2	Octane, 3-methyl-	128	C9H20	002216-33-3	87
3	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	74
4	Hexanoic acid, 1,1-dimethylethyl...	172	C10H20O2	002492-18-4	56
5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021622\
Data File : VY007512.D
Acq On : 16 Feb 2022 16:16
Operator : SY/MD
Sample : N1465-04
Misc : 6.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

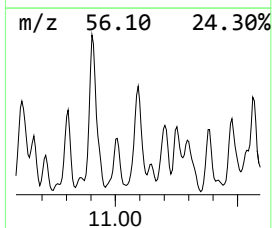
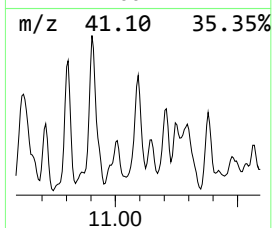
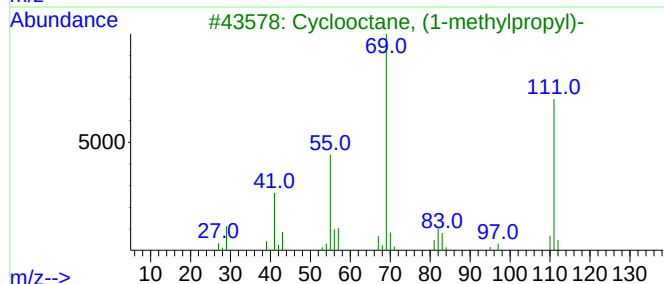
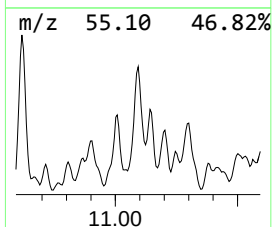
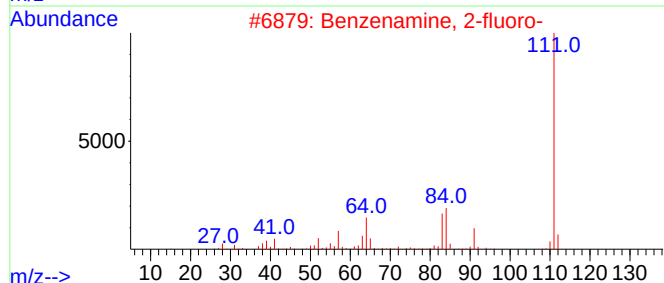
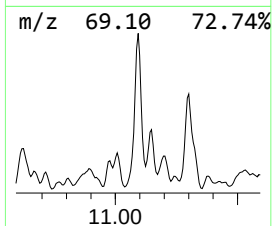
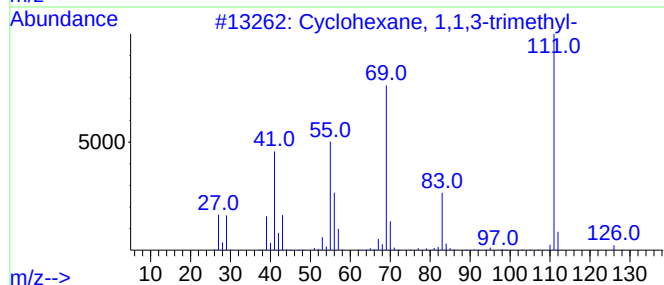
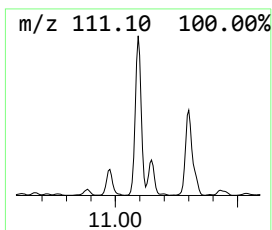
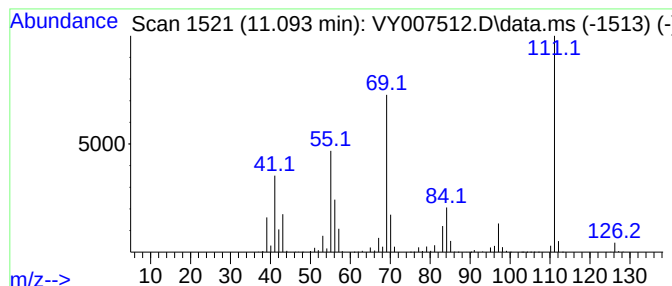
Instrument :
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ClientSampleId :
A5-4-7.5

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 15 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.093	151.33 ug/l	2712080	Chlorobenzene-d5			11.496
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-		126	C9H18	003073-66-3	70
2	Benzenamine, 2-fluoro-		111	C6H6FN	000348-54-9	50
3	Cyclooctane, (1-methylpropyl)-		168	C12H24	016538-89-9	50
4	p-Fluoroaniline		111	C6H6FN	000371-40-4	50
5	Pyrazol-4-amine, 1,5-dimethyl-		111	C5H9N3	121983-36-6	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021622\
 Data File : VY007512.D
 Acq On : 16 Feb 2022 16:16
 Operator : SY/MD
 Sample : N1465-04
 Misc : 6.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A5-4-7.5

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
Pentane, 2,4-di...	6.691	233.5	ug/l	1990150	1	7.789	426151	50.0
Pentane, 2,3-di...	7.874	541.3	ug/l	4613800	1	7.789	426151	50.0
Butane, 2,2,3,3...	8.331	997.6	ug/l	8556180	2	8.691	428825	50.0
Cyclopentane, 1...	9.154	168.8	ug/l	1448110	2	8.691	428825	50.0
Hexane, 2,5-dim...	9.191	411.5	ug/l	3529440	2	8.691	428825	50.0
Hexane, 2,4-dim...	9.246	469.8	ug/l	4028830	2	8.691	428825	50.0
Cyclopentane, 1...	9.465	333.3	ug/l	2858270	2	8.691	428825	50.0
Pentane, 2,3,4-...	9.618	795.9	ug/l	6825760	2	8.691	428825	50.0
Pentane, 2,3,3-...	9.752	982.9	ug/l	8430190	2	8.691	428825	50.0
Hexane, 3,4-dim...	9.941	346.8	ug/l	2973930	2	8.691	428825	50.0
Decane, 5,6-dim...	9.990	141.0	ug/l	1209420	2	8.691	428825	50.0
Octane, 2,6-dim...	10.112	283.8	ug/l	5085140	3	11.496	896076	50.0
Cyclohexane, 1,...	10.624	206.3	ug/l	3698010	3	11.496	896076	50.0
Heptane, 2,5-di...	10.904	152.6	ug/l	2735170	3	11.496	896076	50.0
Cyclohexane, 1,...	11.093	151.3	ug/l	2712080	3	11.496	896076	50.0