

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015277.D
 Acq On : 23 Aug 2023 04:33
 Operator : SY/MD
 Sample : 04109-08
 Misc : 6.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUP-1

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\82Y081423S.M
 Title : SW846 8260

Signal : TIC: VY015277.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.906	170	178	188	rBV3	7614	16883	2.38%	0.210%
2	3.253	229	235	244	rBV2	3228	7531	1.06%	0.093%
3	3.954	338	350	362	rBV4	6550	23102	3.25%	0.287%
4	4.716	460	475	500	rBV3	53340	214084	30.12%	2.657%
5	5.186	539	552	576	rBV	16161	67588	9.51%	0.839%
6	5.765	637	647	656	rBV3	4043	11404	1.60%	0.142%
7	6.533	763	773	783	rVB4	3254	11126	1.57%	0.138%
8	6.698	786	800	812	rBV2	65227	211051	29.69%	2.620%
9	6.990	839	848	858	rBV3	9106	29626	4.17%	0.368%
10	7.533	930	937	946	rVB3	7121	19897	2.80%	0.247%
11	7.728	958	969	974	rBV	90952	218506	30.74%	2.712%
12	7.795	974	980	987	rVV	160289	374802	52.73%	4.652%
13	7.880	987	994	1008	rVB	189016	473081	66.55%	5.872%
14	8.008	1008	1015	1020	rBV3	4805	11686	1.64%	0.145%
15	8.149	1029	1038	1049	rBV	99200	223278	31.41%	2.772%
16	8.277	1049	1059	1061	rVV	27188	59752	8.41%	0.742%
17	8.331	1061	1068	1079	rVV	231848	569060	80.06%	7.064%
18	8.423	1079	1083	1092	rVB4	4206	9124	1.28%	0.113%
19	8.551	1095	1104	1114	rBV5	3420	7911	1.11%	0.098%
20	8.697	1119	1128	1138	rBV	245032	483903	68.08%	6.007%
21	8.929	1160	1166	1172	rBV5	4500	9541	1.34%	0.118%
22	9.191	1195	1209	1214	rBV4	56429	144998	20.40%	1.800%
23	9.246	1214	1218	1225	rVB2	47376	87202	12.27%	1.082%
24	9.325	1225	1231	1237	rBV2	15198	30265	4.26%	0.376%
25	9.465	1245	1254	1264	rVB	41024	92158	12.96%	1.144%
26	9.618	1271	1279	1290	rVB	188473	375607	52.84%	4.662%
27	9.752	1290	1301	1308	rBV	205461	426718	60.03%	5.297%
28	9.807	1308	1310	1315	rVV3	12630	20497	2.88%	0.254%
29	9.862	1315	1319	1325	rVV4	8935	18680	2.63%	0.232%
30	9.941	1325	1332	1338	rVV	24516	53511	7.53%	0.664%
31	9.996	1338	1341	1348	rVB3	5694	11529	1.62%	0.143%
32	10.118	1348	1361	1366	rBV2	38825	80844	11.37%	1.004%
33	10.185	1366	1372	1387	rVV	396404	710836	100.00%	8.824%
34	10.362	1394	1401	1409	rVV5	10870	36968	5.20%	0.459%
35	10.484	1409	1421	1424	rVV6	9488	23422	3.29%	0.291%
36	10.526	1424	1428	1432	rVV	18608	31555	4.44%	0.392%

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37	10.612	1432	1442	1454	rVV6	31817	115811	16.29%	1.438%
38	10.715	1455	1459	1464	rVB2	8573	13247	1.86%	0.164%
39	10.807	1469	1474	1479	rVB3	9244	16981	2.39%	0.211%
40	10.910	1479	1491	1498	rBV5	11665	41974	5.90%	0.521%
41	11.008	1504	1507	1511	rVB4	6594	8989	1.26%	0.112%
42	11.093	1511	1521	1527	rBV4	24304	55531	7.81%	0.689%
43	11.154	1527	1531	1535	rVV3	12191	21888	3.08%	0.272%
44	11.197	1535	1538	1543	rVB4	11373	18826	2.65%	0.234%
45	11.300	1549	1555	1564	rVB7	16904	49251	6.93%	0.611%
46	11.386	1564	1569	1571	rBV3	6819	12232	1.72%	0.152%
47	11.496	1580	1587	1593	rBV	349196	572549	80.55%	7.107%
48	11.563	1596	1598	1604	rVV2	9714	16506	2.32%	0.205%
49	11.630	1605	1609	1613	rVB3	9813	15312	2.15%	0.190%
50	11.678	1613	1617	1621	rBV6	5852	9501	1.34%	0.118%
51	11.745	1621	1628	1638	rVB8	21775	61487	8.65%	0.763%
52	11.837	1638	1643	1647	rBV5	4052	8104	1.14%	0.101%
53	11.947	1657	1661	1665	rBV3	8760	15047	2.12%	0.187%
54	12.008	1665	1671	1677	rBV4	12329	24051	3.38%	0.299%
55	12.203	1694	1703	1706	rBV6	13095	33422	4.70%	0.415%
56	12.239	1706	1709	1714	rVB3	9551	16597	2.33%	0.206%
57	12.483	1740	1749	1758	rBV3	313806	552724	77.76%	6.861%
58	12.569	1758	1763	1768	rVV8	4248	9113	1.28%	0.113%
59	12.648	1768	1776	1778	rVV5	12782	27652	3.89%	0.343%
60	12.672	1778	1780	1784	rVB	13762	16121	2.27%	0.200%
61	12.818	1799	1804	1811	rVB10	5876	13868	1.95%	0.172%
62	13.044	1838	1841	1850	rVB6	6635	14674	2.06%	0.182%
63	13.178	1858	1863	1868	rVB8	3992	7495	1.05%	0.093%
64	13.239	1868	1873	1877	rBV3	7349	15161	2.13%	0.188%
65	13.288	1877	1881	1885	rVB3	6306	9269	1.30%	0.115%
66	13.428	1898	1904	1910	rVV	341643	520208	73.18%	6.457%
67	13.599	1928	1932	1934	rBV	11370	17586	2.47%	0.218%
68	13.629	1934	1937	1942	rVB	30713	45405	6.39%	0.564%
69	13.672	1942	1944	1952	rVB6	7029	13006	1.83%	0.161%
70	13.751	1952	1957	1961	rBV4	13021	24867	3.50%	0.309%
71	13.971	1987	1993	1999	rBV3	41485	68551	9.64%	0.851%
72	14.032	1999	2003	2007	rVV	6583	8762	1.23%	0.109%
73	14.087	2007	2012	2018	rVB	31555	50019	7.04%	0.621%
74	14.147	2018	2022	2028	rVB7	4841	8046	1.13%	0.100%
75	14.221	2028	2034	2037	rBV3	6968	13127	1.85%	0.163%
76	14.263	2037	2041	2043	rVV5	5492	9431	1.33%	0.117%

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77	14.300	2043	2047	2052	rVB	26451	42159	5.93%	0.523%
78	14.379	2056	2060	2063	rBV3	8163	12542	1.76%	0.156%
79	14.416	2063	2066	2071	rVB5	11653	16551	2.33%	0.205%
80	14.580	2087	2093	2097	rVV4	13320	25506	3.59%	0.317%
81	14.690	2104	2111	2116	rBV2	39005	67702	9.52%	0.840%
82	14.745	2116	2120	2127	rVB4	8959	16158	2.27%	0.201%
83	14.946	2148	2153	2157	rBV2	10254	16385	2.31%	0.203%
84	14.983	2157	2159	2162	rVV	6699	9095	1.28%	0.113%
85	15.050	2162	2170	2177	rVB6	18665	49909	7.02%	0.620%
86	15.348	2215	2219	2222	rVV5	3512	7475	1.05%	0.093%
87	15.397	2223	2227	2238	rVB5	6151	13593	1.91%	0.169%
88	15.690	2265	2275	2278	rBV9	3080	8822	1.24%	0.110%

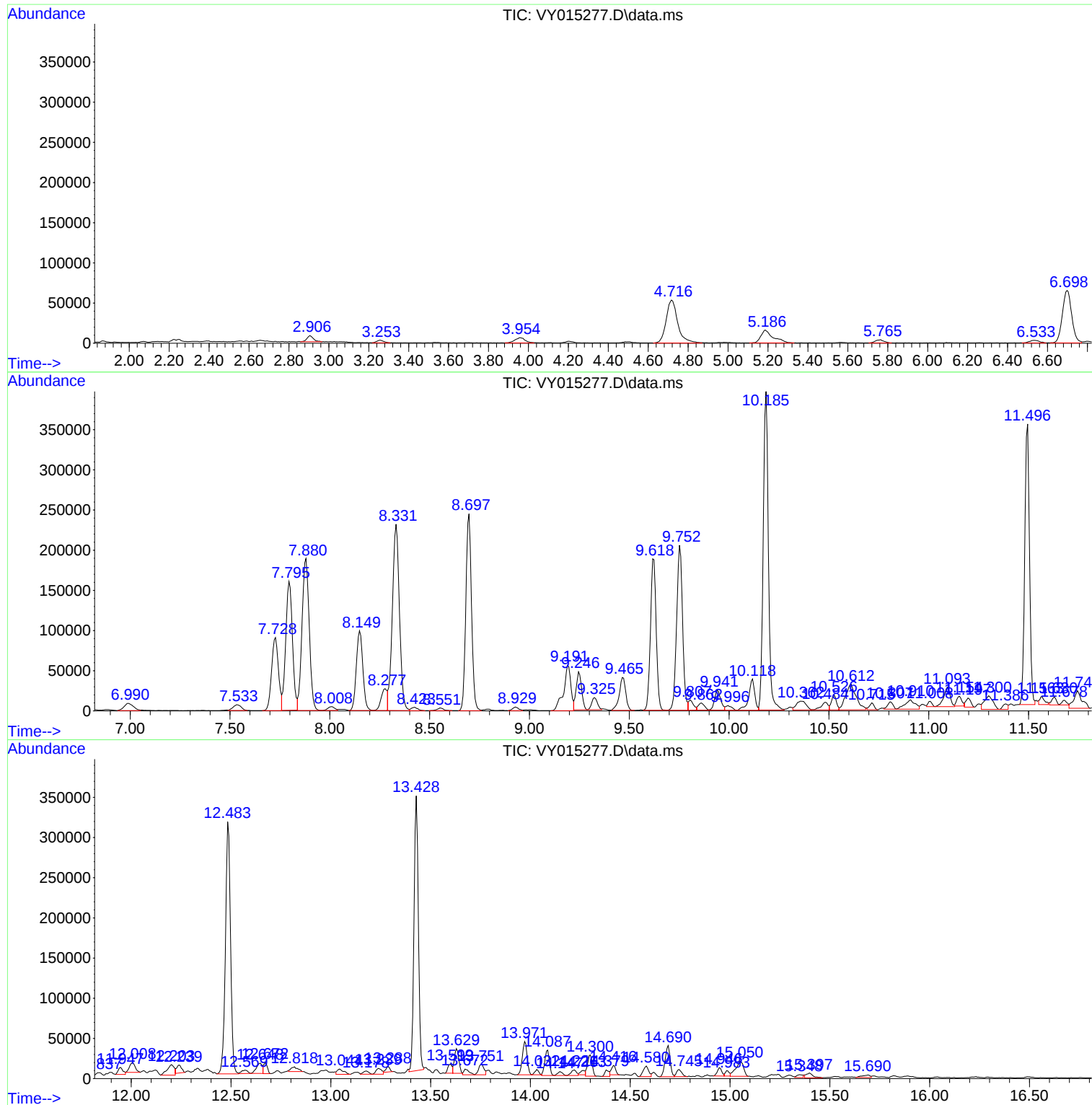
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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



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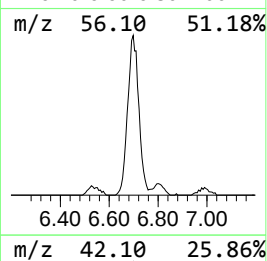
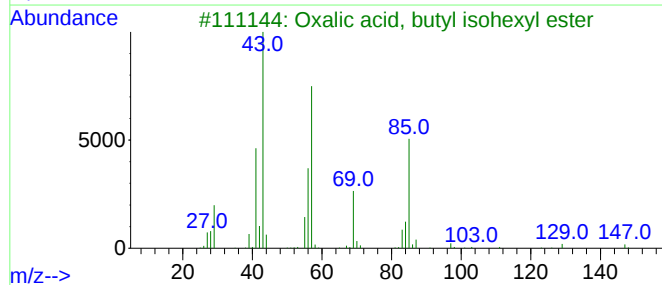
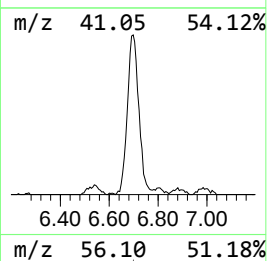
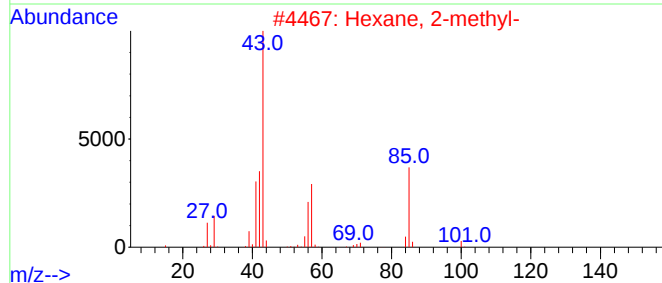
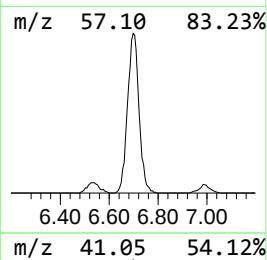
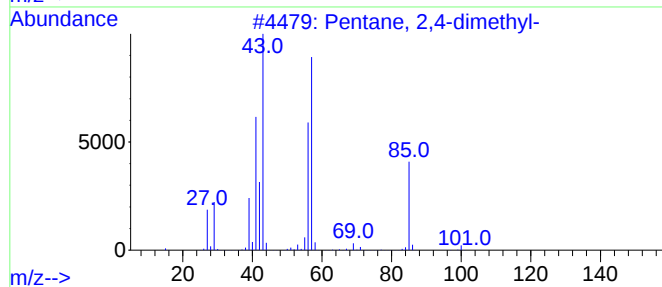
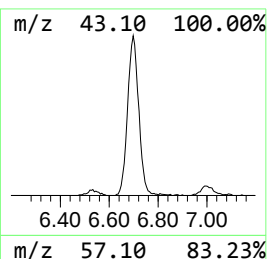
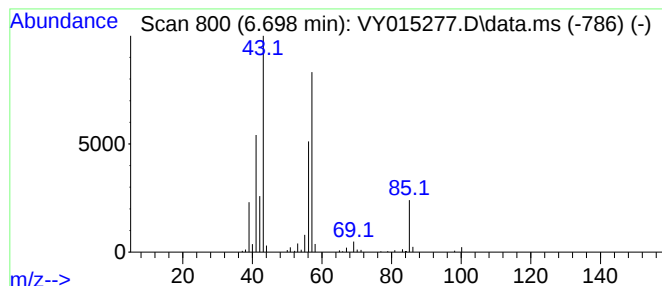
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.698	28.16 ug/l	211051	Pentafluorobenzene	7.795

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	72
2			Hexane, 2-methyl-	100	C7H16	000591-76-4	72
3			Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	64
4			Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59
5			2-Ethyl-oxetane	86	C5H10O	1010386-40-2	50



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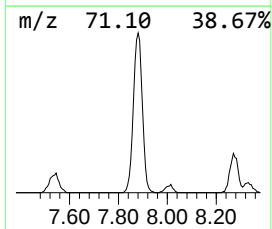
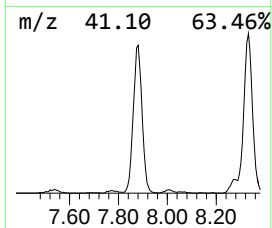
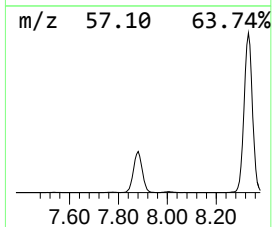
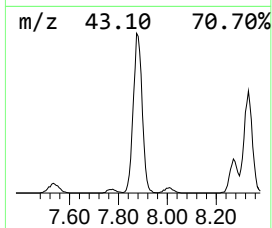
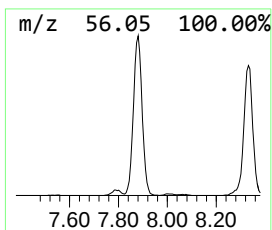
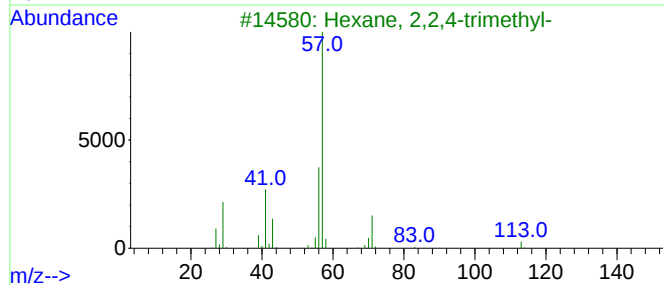
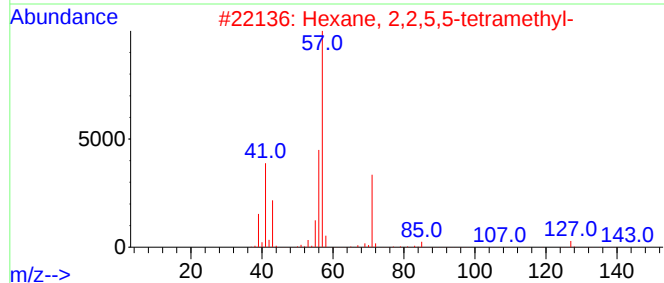
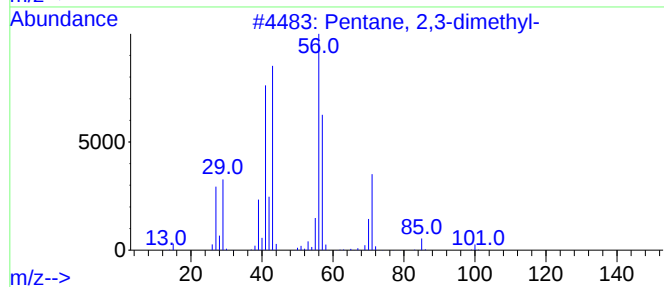
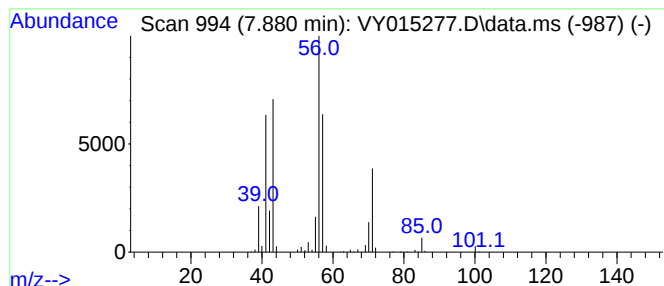
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.880	63.11 ug/l	473081	Pentafluorobenzene	7.795

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	95
2			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	64
3			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	45
4			Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	43
5			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	38



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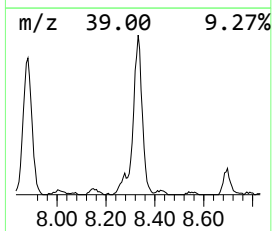
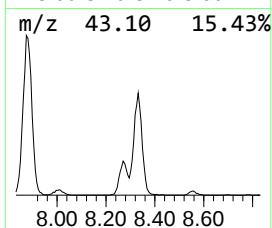
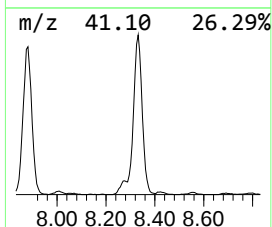
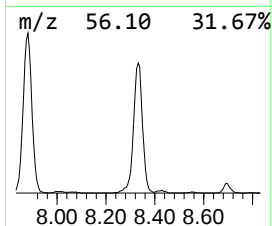
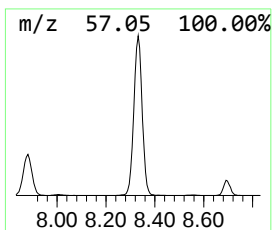
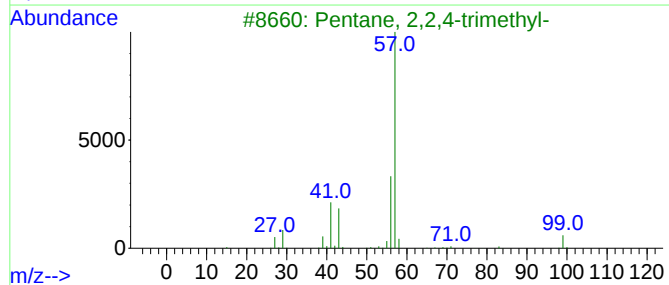
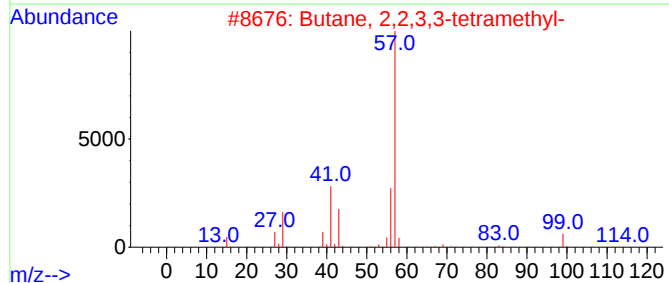
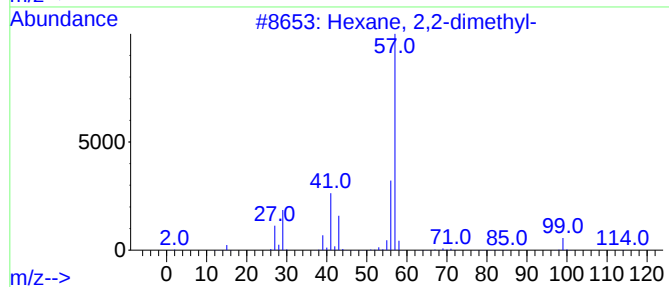
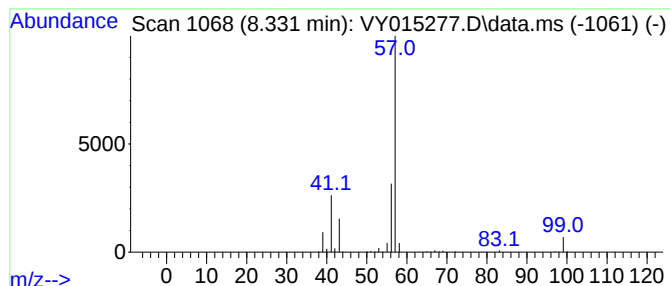
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.331	58.80 ug/l	569060	1,4-Difluorobenzene	8.697

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	83
2			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	78
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



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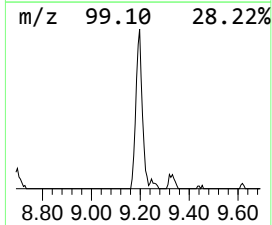
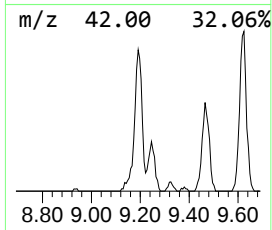
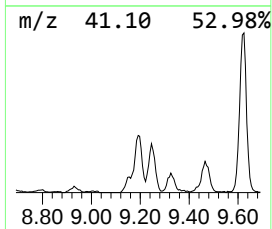
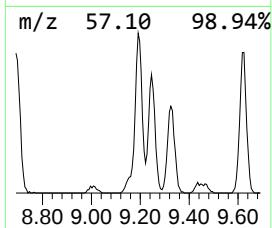
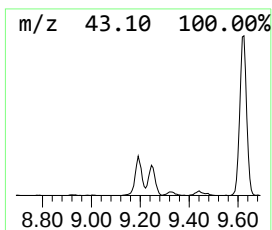
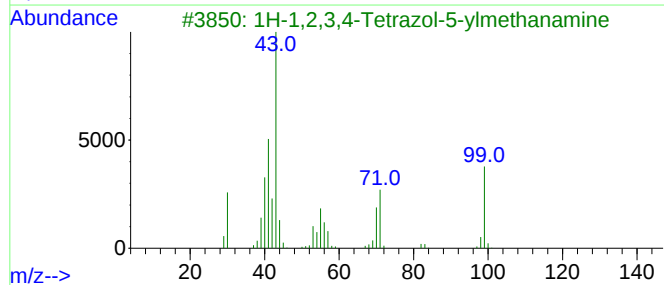
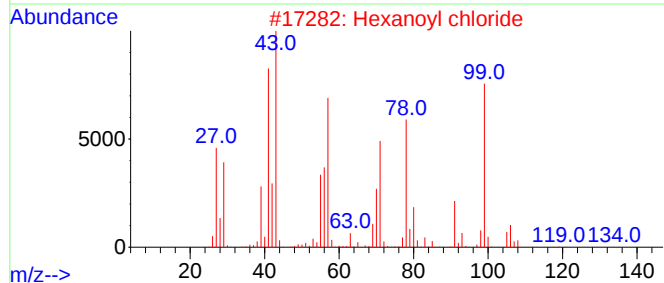
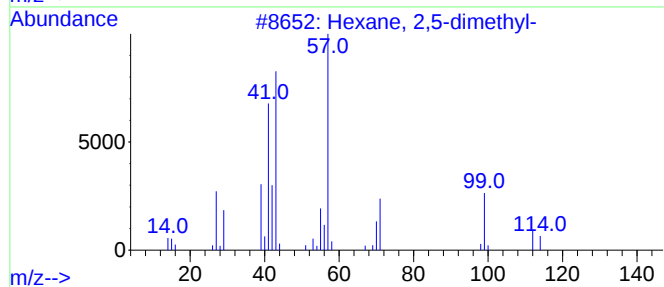
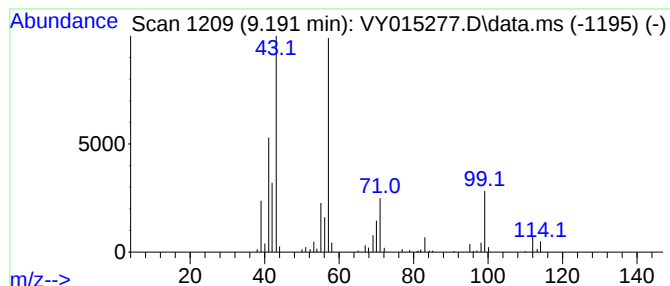
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.191	14.98 ug/l	144998	1,4-Difluorobenzene	8.697

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	90
2			Hexanoyl chloride	134	C6H11ClO	000142-61-0	50
3			1H-1,2,3,4-Tetrazol-5-ylmethanamine	99	C2H5N5	031602-63-8	50
4			Heptane, 2-methyl-	114	C8H18	000592-27-8	47
5			2-Piperidinone	99	C5H9NO	000675-20-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
Data File : VY015277.D
Acq On : 23 Aug 2023 04:33
Operator : SY/MD
Sample : 04109-08
Misc : 6.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DUP-1

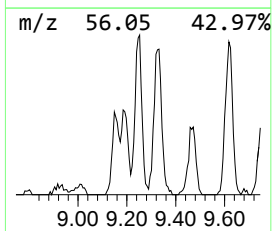
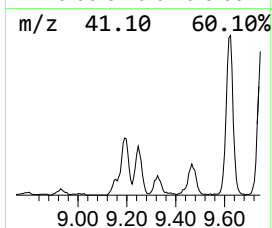
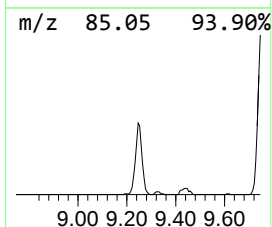
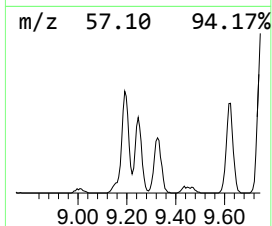
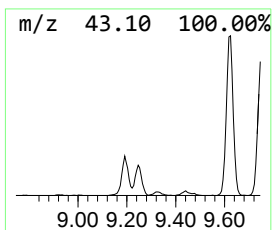
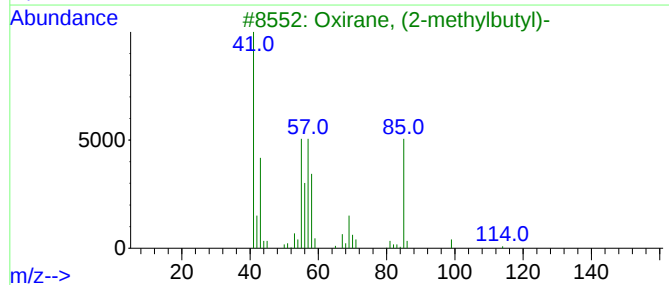
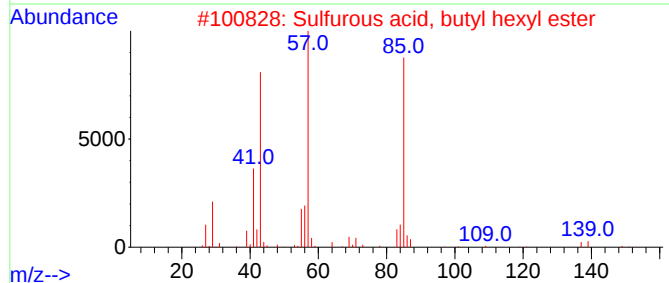
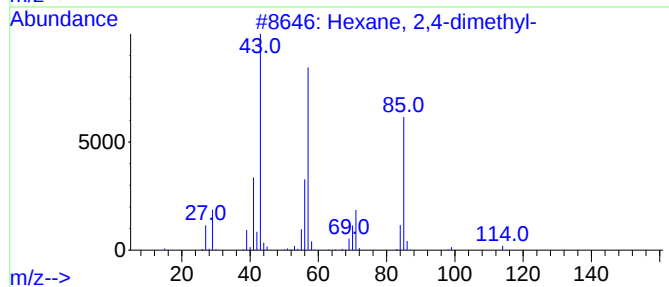
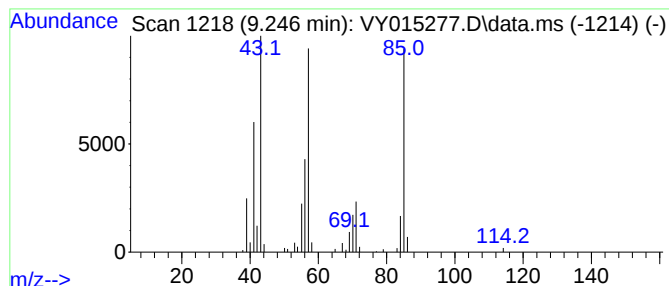
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Quant Title : SW846 8260

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

Peak Number 6 Hexane, 2,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.246	9.01 ug/l	87202	1,4-Difluorobenzene	8.697

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	81
2			Sulfurous acid, butyl hexyl ester	222	C10H22O3S	1000309-17-3	59
3			Oxirane, (2-methylbutyl)-	114	C7H14O	053229-42-8	59
4			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	53
5			Heptane, 3-methyl-	114	C8H18	000589-81-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
Data File : VY015277.D
Acq On : 23 Aug 2023 04:33
Operator : SY/MD
Sample : 04109-08
Misc : 6.05g/5.0mL/MSVOA_Y/soil
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DUP-1

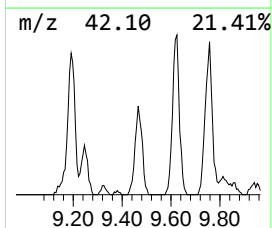
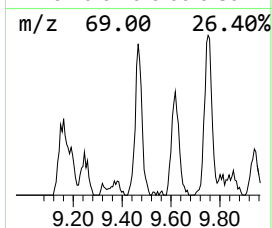
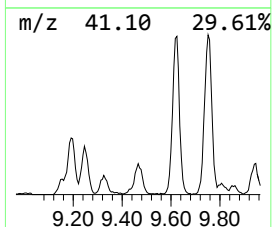
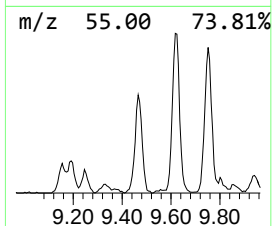
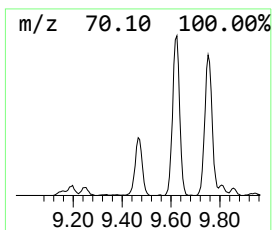
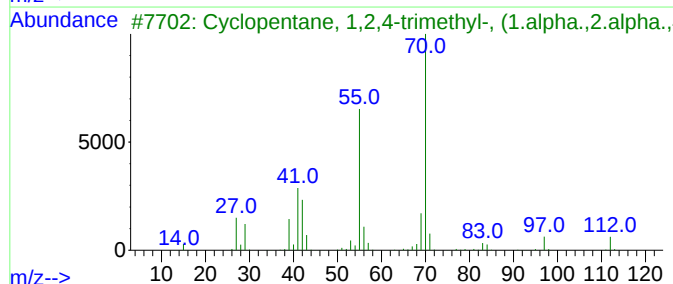
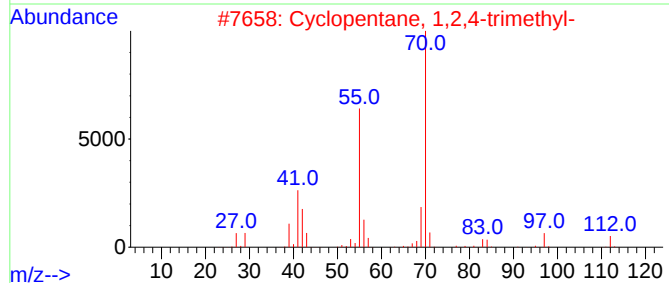
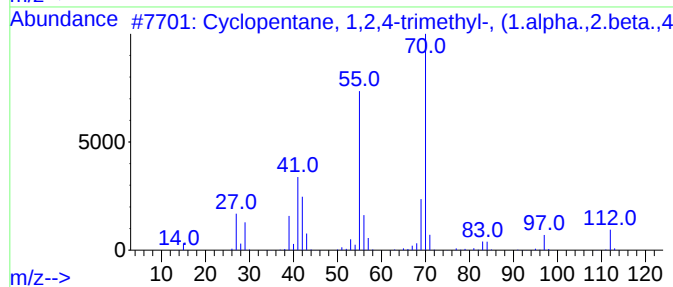
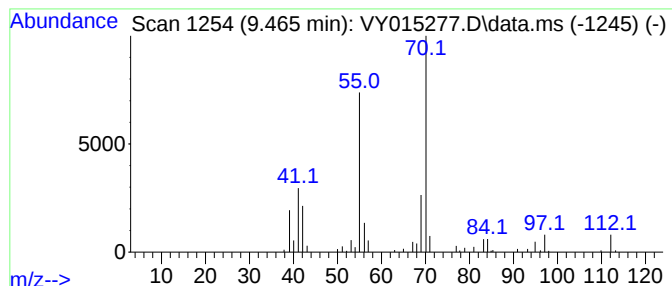
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.465	9.52 ug/l	92158	1,4-Difluorobenzene	8.697

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	94
2			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
3			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	90
4			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	80
5			Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
Data File : VY015277.D
Acq On : 23 Aug 2023 04:33
Operator : SY/MD
Sample : 04109-08
Misc : 6.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DUP-1

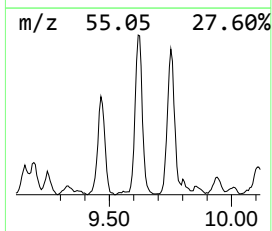
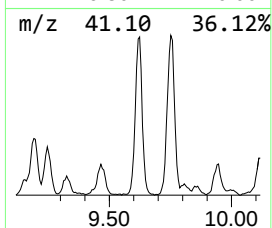
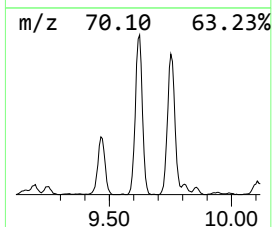
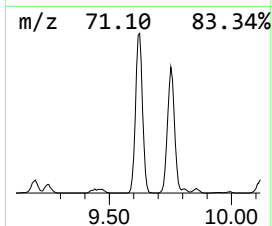
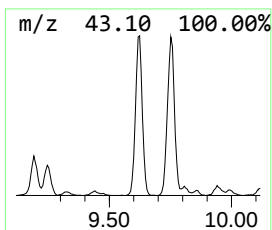
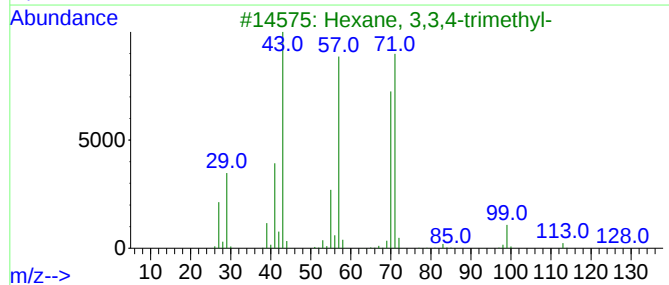
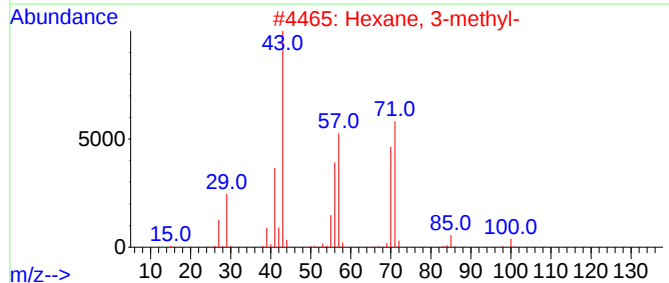
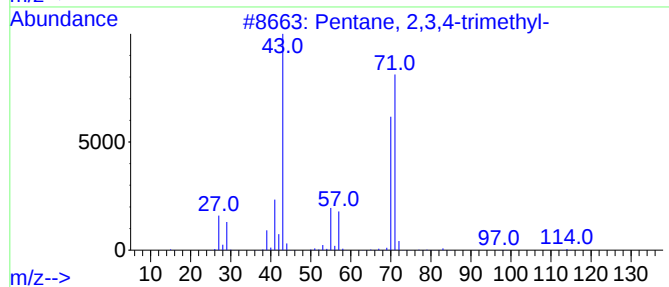
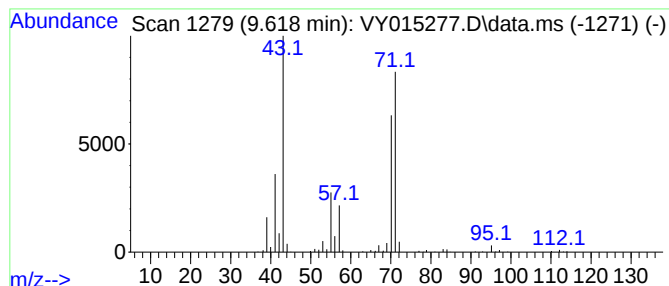
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.618	38.81 ug/l	375607	1,4-Difluorobenzene	8.697

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90
2			Hexane, 3-methyl-	100	C7H16	000589-34-4	78
3			Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	64
4			Pentane, 3-ethyl-	100	C7H16	000617-78-7	64
5			3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
Data File : VY015277.D
Acq On : 23 Aug 2023 04:33
Operator : SY/MD
Sample : 04109-08
Misc : 6.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DUP-1

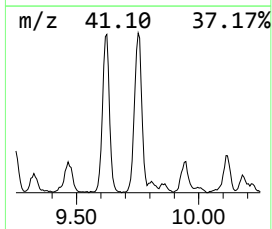
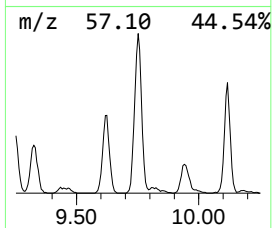
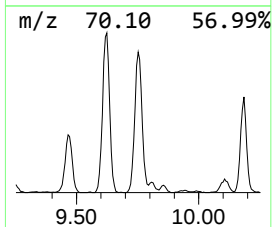
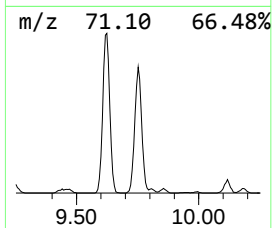
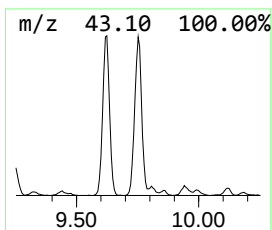
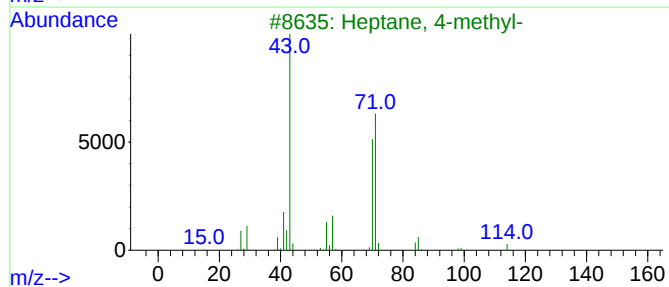
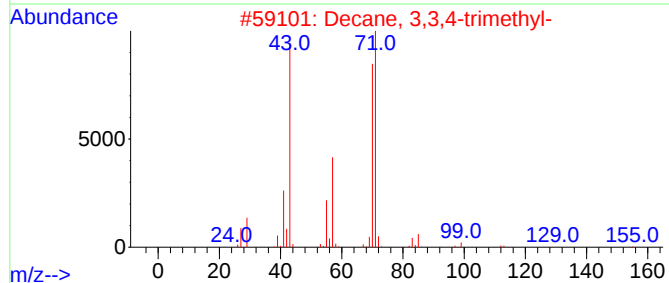
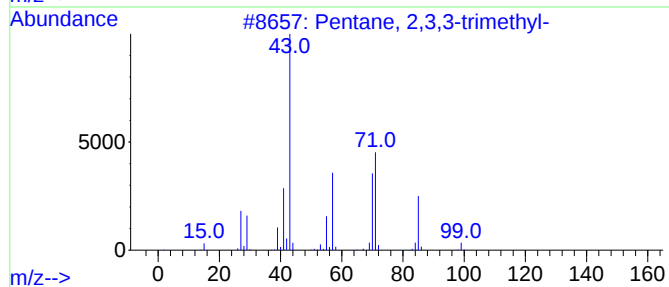
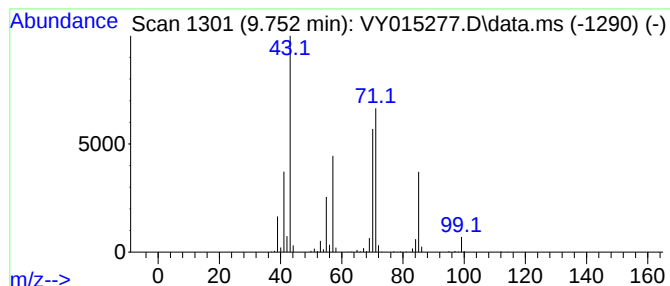
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.752	44.09 ug/l	426718	1,4-Difluorobenzene	8.697

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64
3			Heptane, 4-methyl-	114	C8H18	000589-53-7	64
4			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
5			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
Data File : VY015277.D
Acq On : 23 Aug 2023 04:33
Operator : SY/MD
Sample : 04109-08
Misc : 6.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 49 Sample Multiplier: 1

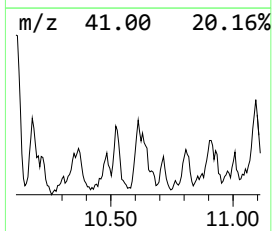
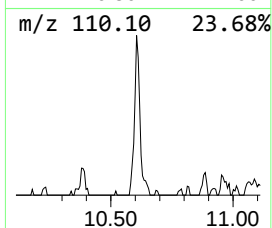
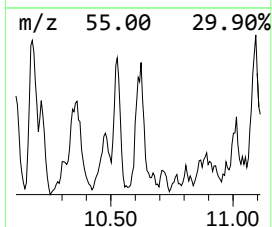
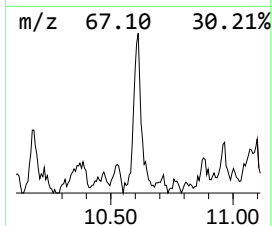
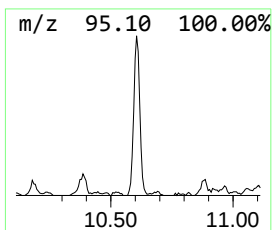
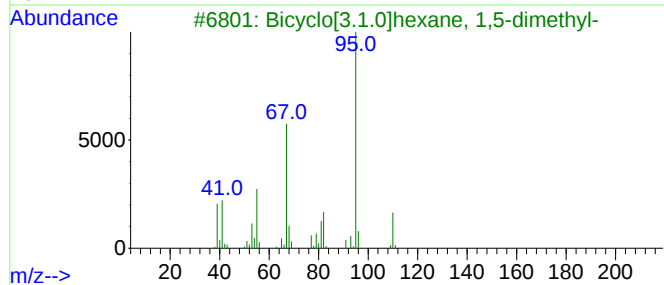
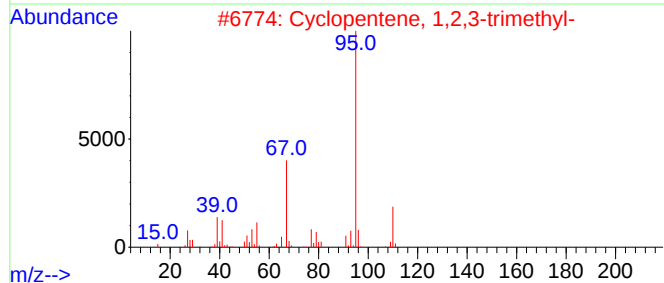
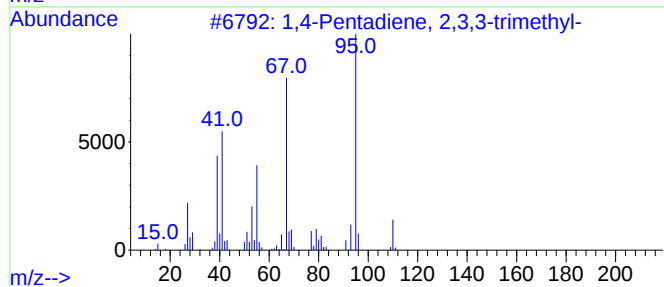
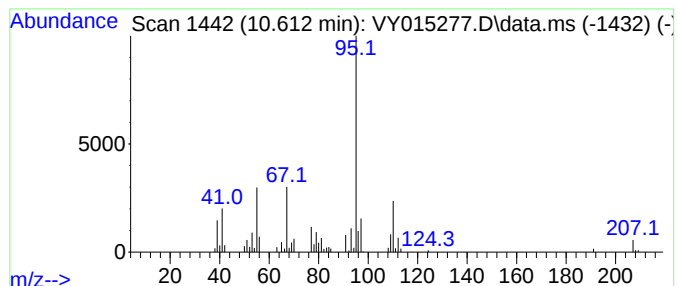
Instrument :
MSVOA_Y
ClientSampleId :
DUP-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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

Peak Number 10 1,4-Pentadiene, 2,3,3-trime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.611	10.11 ug/l	115811	Chlorobenzene-d5	11.496	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	80
2	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	76
3	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	64
4	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	64
5	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
Data File : VY015277.D
Acq On : 23 Aug 2023 04:33
Operator : SY/MD
Sample : 04109-08
Misc : 6.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DUP-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.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...	6.698	28.2	ug/l	211051	1	7.795	374802	50.0
Pentane, 2,3-di...	7.880	63.1	ug/l	473081	1	7.795	374802	50.0
Hexane, 2,2-dim...	8.331	58.8	ug/l	569060	2	8.697	483903	50.0
Hexane, 2,5-dim...	9.191	15.0	ug/l	144998	2	8.697	483903	50.0
Hexane, 2,4-dim...	9.246	9.0	ug/l	87202	2	8.697	483903	50.0
Cyclopentane, 1...	9.465	9.5	ug/l	92158	2	8.697	483903	50.0
Pentane, 2,3,4-...	9.618	38.8	ug/l	375607	2	8.697	483903	50.0
Pentane, 2,3,3-...	9.752	44.1	ug/l	426718	2	8.697	483903	50.0
1,4-Pentadiene,...	10.611	10.1	ug/l	115811	3	11.496	572549	50.0