

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
 Data File : VY014727.D
 Acq On : 20 Jul 2023 17:39
 Operator : SY/MD
 Sample : 03681-02
 Misc : 4.97g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RPTP-1-GRAB-3

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\82Y071323S.M
 Title : SW846 8260

Signal : TIC: VY014727.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.113	43	48	51	rBV5	2201	4666	1.21%	0.120%
2	3.064	202	204	211	rVB5	2081	4247	1.10%	0.109%
3	3.942	340	348	359	rBV2	15865	42786	11.08%	1.103%
4	4.192	382	389	401	rBV3	4752	14651	3.80%	0.378%
5	4.710	464	474	480	rBV6	3257	10659	2.76%	0.275%
6	4.802	482	489	499	rVB2	2873	8984	2.33%	0.232%
7	6.972	834	845	866	rBV	36376	115122	29.82%	2.967%
8	7.716	958	967	972	rBV	50517	120203	31.14%	3.098%
9	7.789	972	979	987	rVV	104455	240078	62.19%	6.188%
10	7.868	987	992	1000	rVB	8249	19288	5.00%	0.497%
11	7.996	1006	1013	1021	rBV5	1599	4186	1.08%	0.108%
12	8.136	1026	1036	1045	rVV	43423	96547	25.01%	2.488%
13	8.319	1059	1066	1077	rVB	21892	53162	13.77%	1.370%
14	8.685	1118	1126	1137	rBV	147222	291105	75.41%	7.503%
15	9.185	1196	1208	1213	rBV5	6222	17326	4.49%	0.447%
16	9.240	1213	1217	1224	rVV4	4315	8478	2.20%	0.219%
17	9.319	1225	1230	1236	rVV2	2154	3885	1.01%	0.100%
18	9.612	1271	1278	1286	rBV	30188	59758	15.48%	1.540%
19	9.746	1290	1300	1307	rBV2	38916	84193	21.81%	2.170%
20	9.959	1326	1335	1338	rBV4	2926	7918	2.05%	0.204%
21	10.112	1354	1360	1364	rBV	9914	17861	4.63%	0.460%
22	10.179	1364	1371	1379	rVV	218766	386016	100.00%	9.949%
23	10.240	1379	1381	1386	rVB5	2692	4063	1.05%	0.105%
24	10.368	1394	1402	1408	rVB8	2814	6927	1.79%	0.179%
25	10.581	1431	1437	1440	rBV2	4739	9635	2.50%	0.248%
26	10.709	1453	1458	1463	rBV5	2371	4235	1.10%	0.109%
27	11.276	1543	1551	1558	rBV5	5047	12055	3.12%	0.311%
28	11.380	1562	1568	1572	rBV3	4363	8153	2.11%	0.210%
29	11.489	1577	1586	1593	rBV	192254	322517	83.55%	8.312%
30	11.556	1595	1597	1602	rVB2	4548	6172	1.60%	0.159%
31	11.703	1611	1621	1623	rBV8	3522	9561	2.48%	0.246%
32	11.739	1624	1627	1631	rVV2	7569	12552	3.25%	0.324%
33	11.934	1655	1659	1663	rVV5	4215	6586	1.71%	0.170%
34	12.123	1684	1690	1693	rVB4	3652	6734	1.74%	0.174%
35	12.197	1698	1702	1706	rBV6	2283	4139	1.07%	0.107%
36	12.483	1739	1749	1758	rVB3	158051	320011	82.90%	8.248%

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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\82Y071323S.M
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37	12.562	1758	1762	1767	rVB7	3062	5564	1.44%	0.143%
38	12.623	1768	1772	1777	rBV	8985	17461	4.52%	0.450%
39	12.666	1777	1779	1783	rVB2	6814	8922	2.31%	0.230%
40	12.733	1783	1790	1793	rBV7	3116	5957	1.54%	0.154%
41	12.806	1797	1802	1804	rBV5	7648	11856	3.07%	0.306%
42	12.971	1822	1829	1832	rBV6	5239	10397	2.69%	0.268%
43	13.068	1837	1845	1849	rVV	16383	30795	7.98%	0.794%
44	13.123	1850	1854	1857	rVB3	3935	5934	1.54%	0.153%
45	13.172	1858	1862	1867	rVB	10660	15329	3.97%	0.395%
46	13.282	1868	1880	1885	rBV	37087	72742	18.84%	1.875%
47	13.422	1895	1903	1908	rVV	168943	279030	72.28%	7.192%
48	13.477	1908	1912	1923	rVB2	42274	106014	27.46%	2.732%
49	13.587	1926	1930	1932	rBV3	8217	10563	2.74%	0.272%
50	13.635	1932	1938	1946	rVB4	21069	47025	12.18%	1.212%
51	13.751	1953	1957	1960	rBV5	7057	11899	3.08%	0.307%
52	13.824	1965	1969	1974	rVB2	11423	19025	4.93%	0.490%
53	13.965	1987	1992	2000	rBV4	42532	74833	19.39%	1.929%
54	14.074	2006	2010	2016	rBV	23640	37696	9.77%	0.972%
55	14.239	2035	2037	2039	rVV2	4719	6095	1.58%	0.157%
56	14.294	2042	2046	2052	rVV	22326	42780	11.08%	1.103%
57	14.379	2055	2060	2071	rVB5	27473	62268	16.13%	1.605%
58	14.519	2079	2083	2086	rBV4	7950	10384	2.69%	0.268%
59	14.562	2086	2090	2095	rVV2	26046	43046	11.15%	1.109%
60	14.611	2095	2098	2102	rVB3	12445	16358	4.24%	0.422%
61	14.684	2103	2110	2115	rBV2	47859	93900	24.33%	2.420%
62	14.733	2115	2118	2125	rVB3	13539	24105	6.24%	0.621%
63	14.830	2131	2134	2138	rVB3	5987	8103	2.10%	0.209%
64	14.903	2142	2146	2147	rBV2	8025	9728	2.52%	0.251%
65	14.940	2148	2152	2156	rVV3	25488	45862	11.88%	1.182%
66	14.983	2156	2159	2163	rVV2	12782	20743	5.37%	0.535%
67	15.056	2165	2171	2179	rVB2	26700	57916	15.00%	1.493%
68	15.233	2192	2200	2206	rVB	32395	68747	17.81%	1.772%
69	15.294	2206	2210	2213	rBV5	4673	6884	1.78%	0.177%
70	15.348	2213	2219	2223	rBV6	13129	26935	6.98%	0.694%
71	15.391	2223	2226	2230	rVB4	8653	13370	3.46%	0.345%
72	15.525	2241	2248	2255	rBV	17973	40146	10.40%	1.035%
73	15.598	2255	2260	2265	rVB3	6120	9999	2.59%	0.258%
74	15.684	2266	2274	2278	rBV6	11191	27233	7.05%	0.702%
75	15.818	2290	2296	2300	rBV9	4499	8401	2.18%	0.217%
76	15.885	2300	2307	2319	rVB6	11031	31880	8.26%	0.822%

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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

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77	16.025	2325	2330	2335	rVB8	3700	8017	2.08%	0.207%
78	16.220	2355	2362	2363	rBV7	2180	4563	1.18%	0.118%
79	16.287	2367	2373	2384	rVB	22670	48408	12.54%	1.248%
80	16.489	2399	2406	2415	rVB	12978	28587	7.41%	0.737%

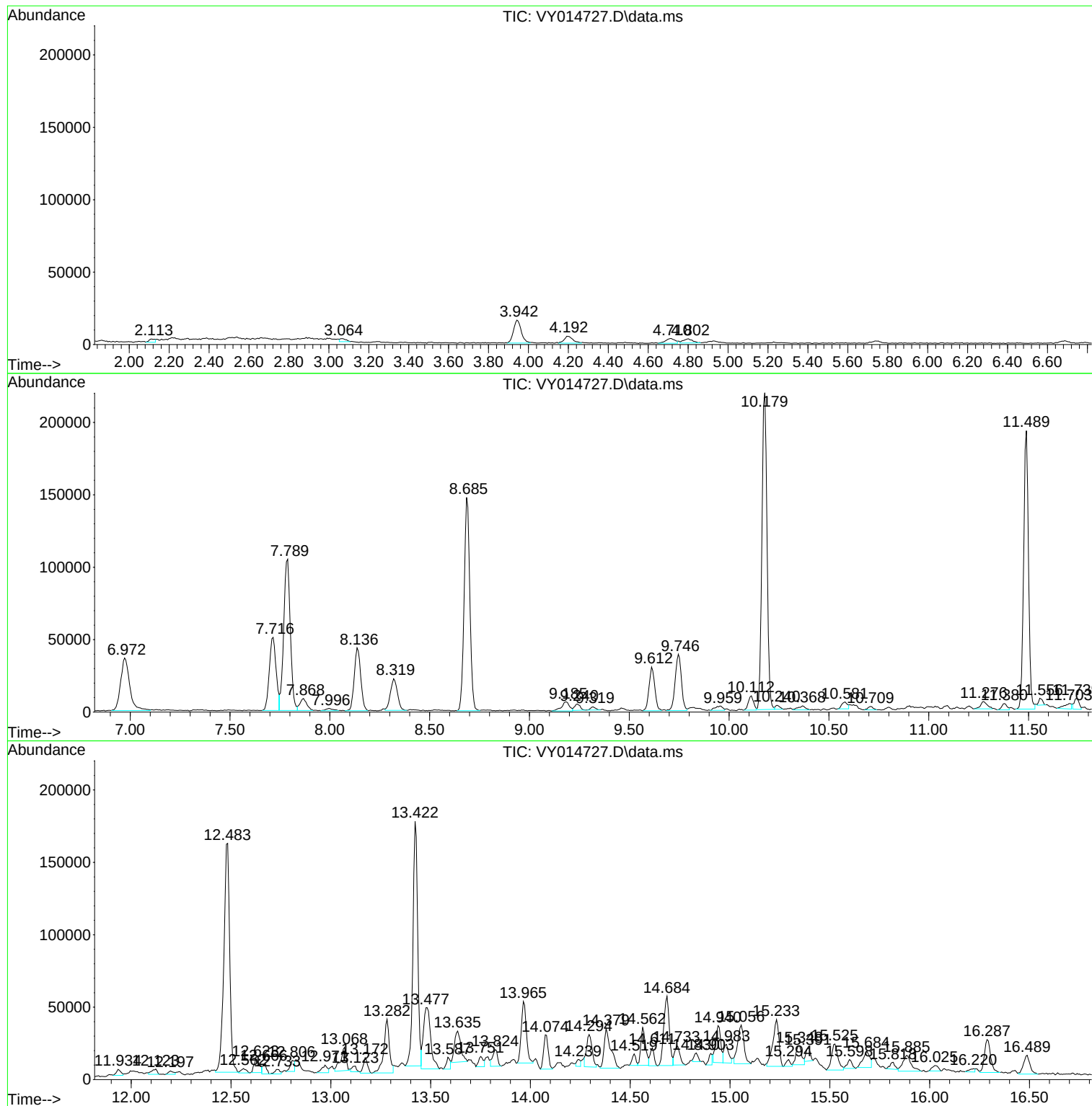
Sum of corrected areas: 3879959

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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



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Instrument :
MSVOA_Y
ClientSampleId :
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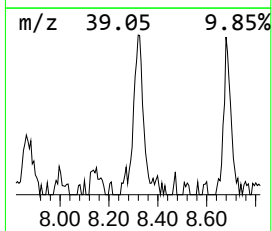
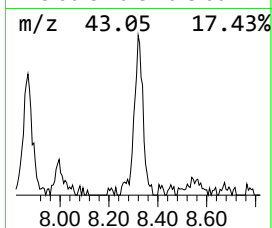
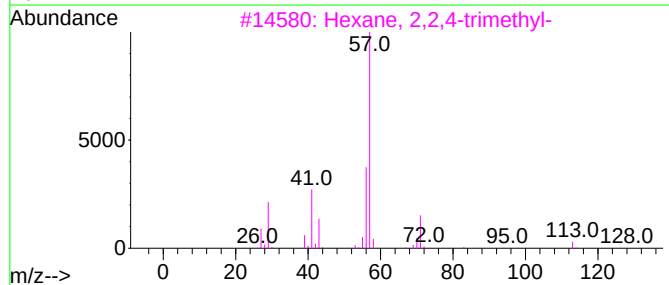
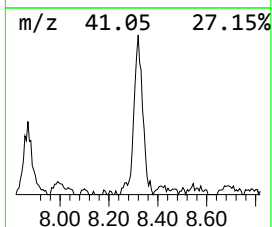
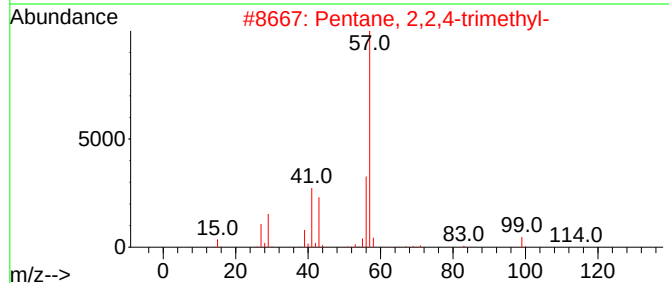
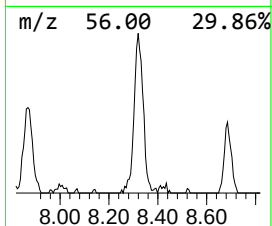
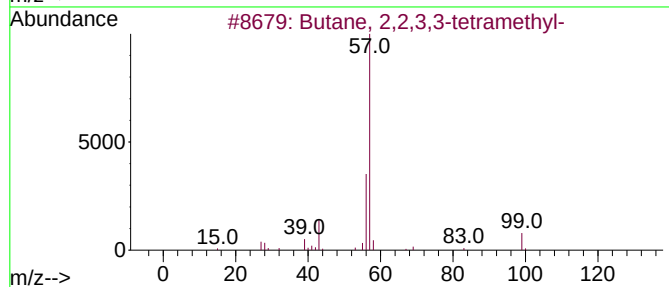
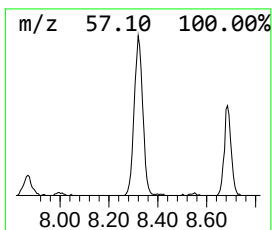
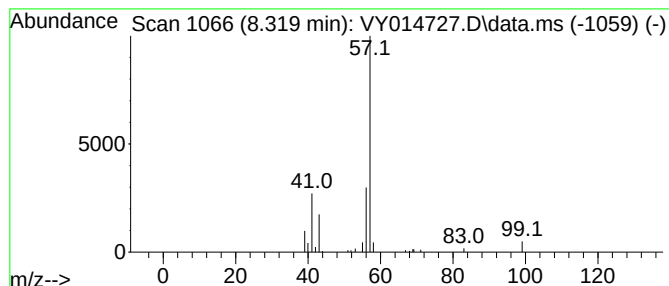
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 2 Butane, 2,2,3,3-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.319	9.13 ug/l	53162	1,4-Difluorobenzene	8.685

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	78
2			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
3			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	56
4			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	56
5			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	56



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Instrument :
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ClientSampleId :
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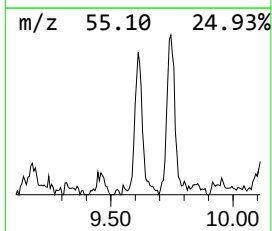
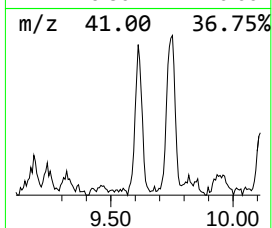
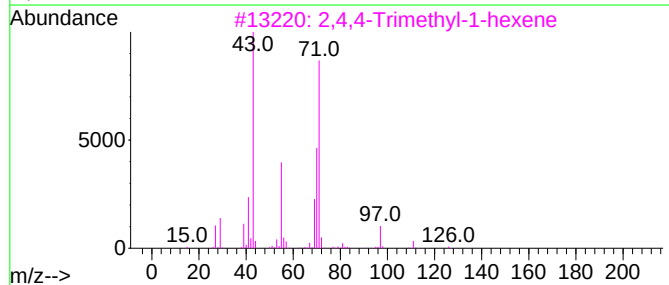
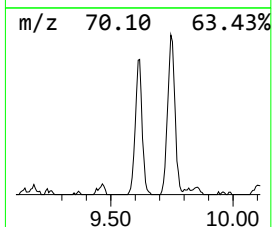
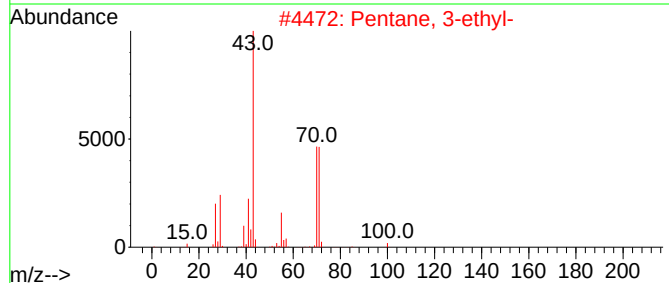
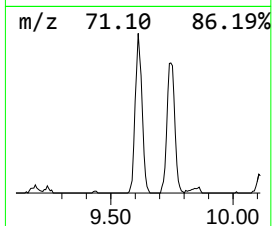
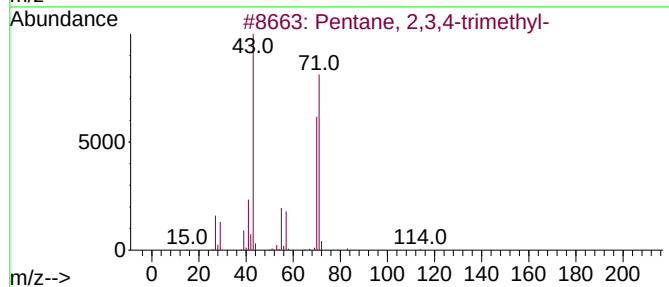
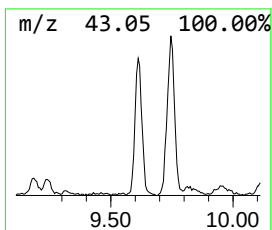
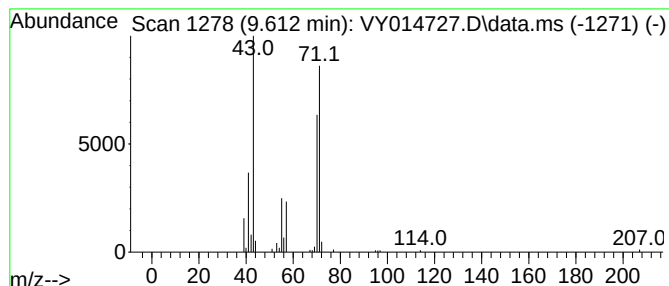
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 3 Pentane, 2,3,4-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.612	10.26 ug/l	59758	1,4-Difluorobenzene	8.685

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2			Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
3			2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	78
4			Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	78
5			Heptane, 4-methyl-	114	C8H18	000589-53-7	78



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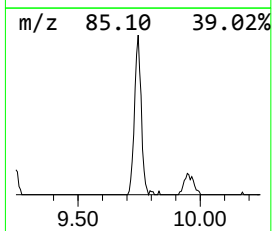
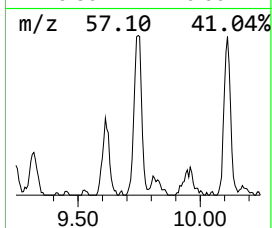
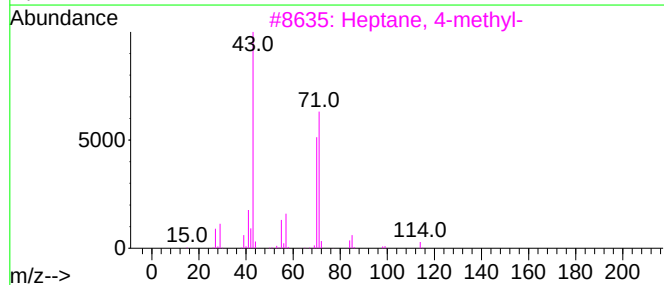
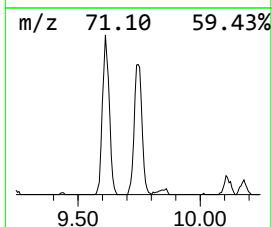
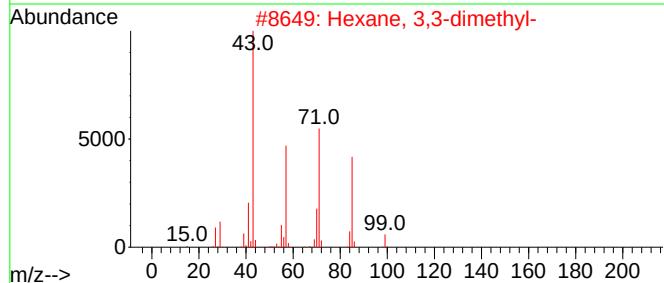
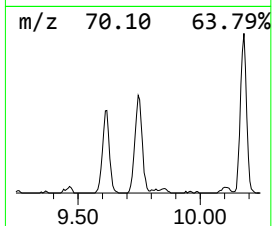
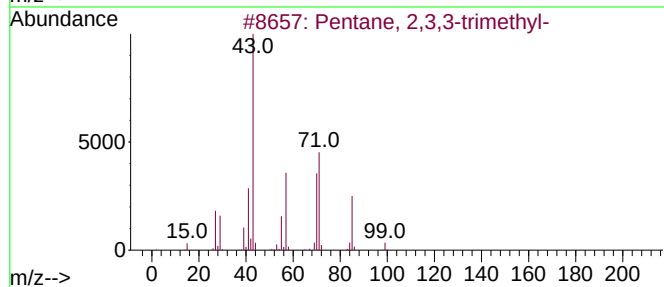
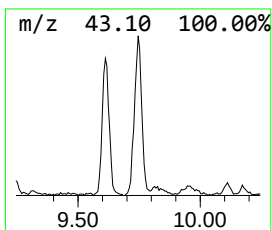
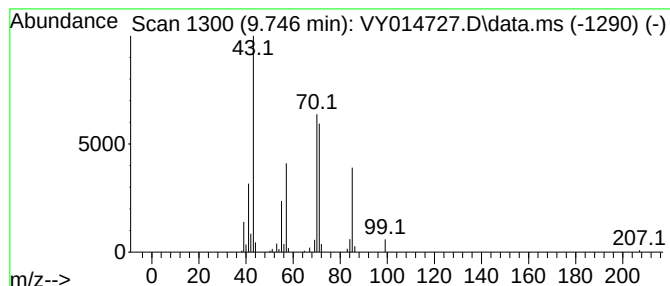
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.746	14.46 ug/l	84193	1,4-Difluorobenzene	8.685

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
3			Heptane, 4-methyl-	114	C8H18	000589-53-7	53
4			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	52
5			Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	50



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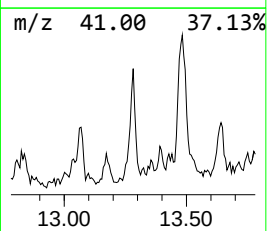
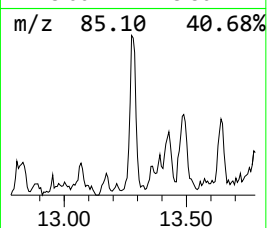
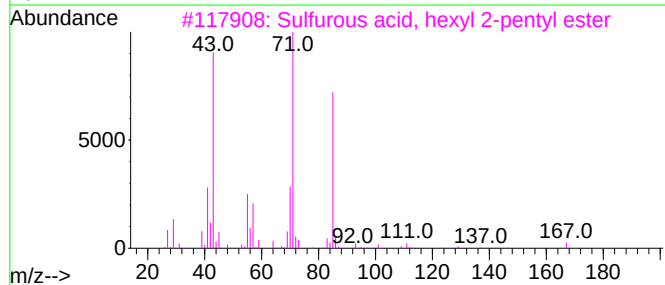
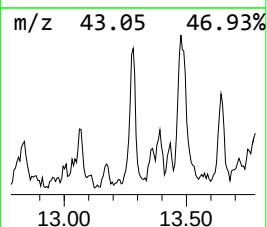
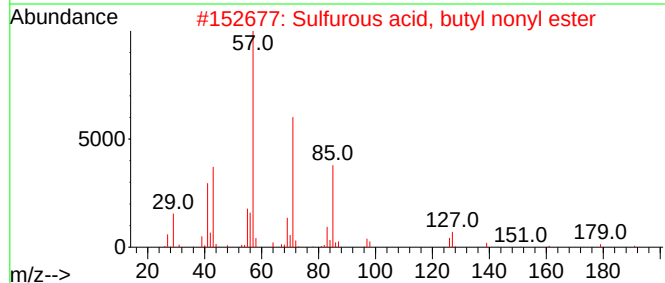
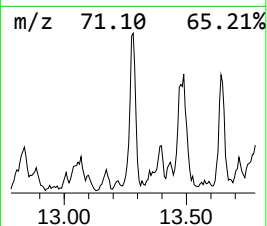
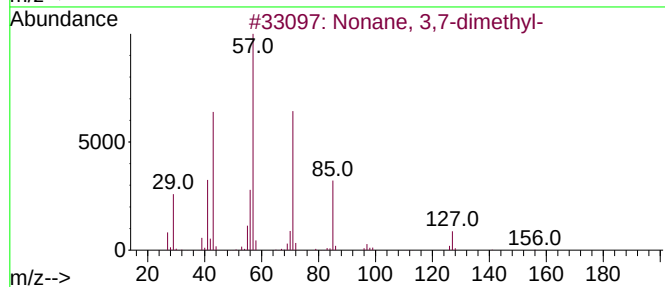
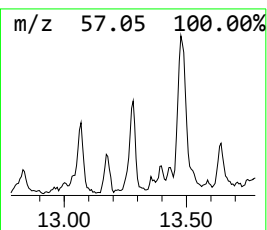
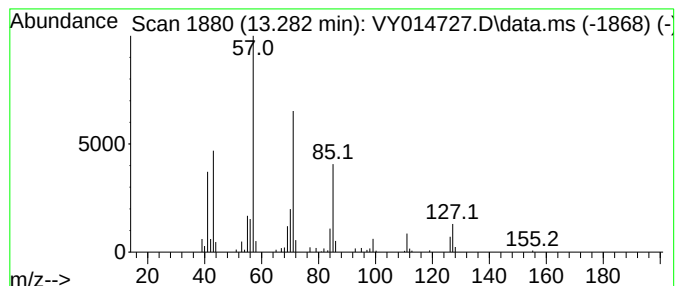
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Quant Title : SW846 8260

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

Peak Number 5 Nonane, 3,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.282	13.03 ug/l	72742	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	59
2			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59
3			Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	53
4			Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	53
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
Data File : VY014727.D
Acq On : 20 Jul 2023 17:39
Operator : SY/MD
Sample : 03681-02
Misc : 4.97g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RPTP-1-GRAB-3

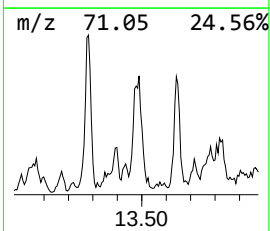
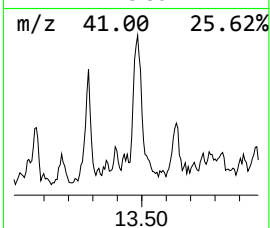
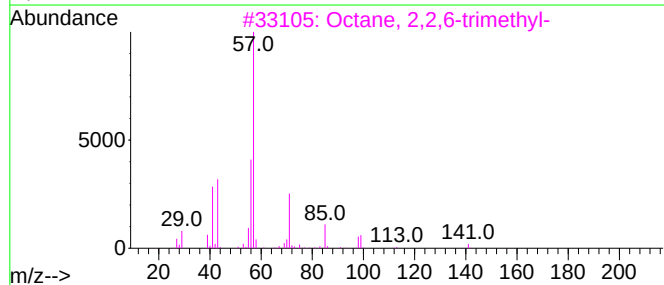
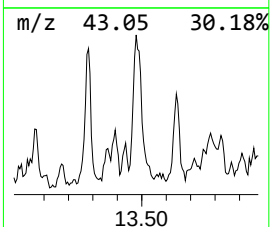
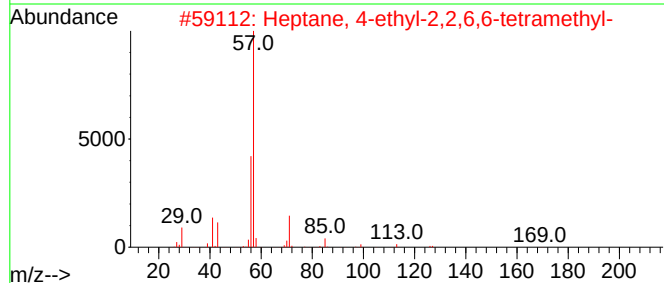
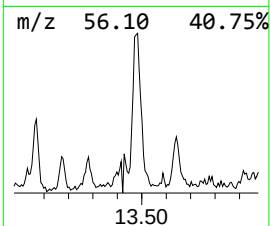
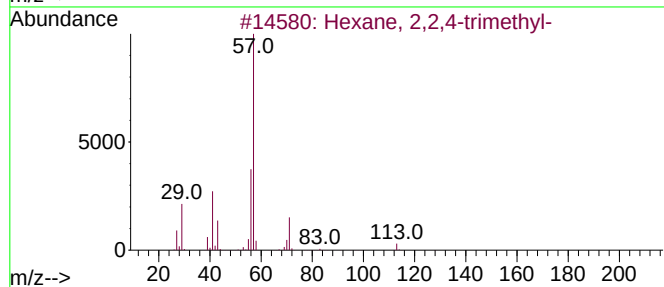
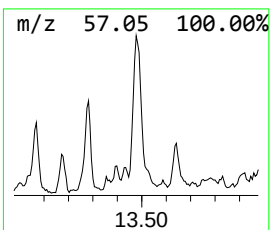
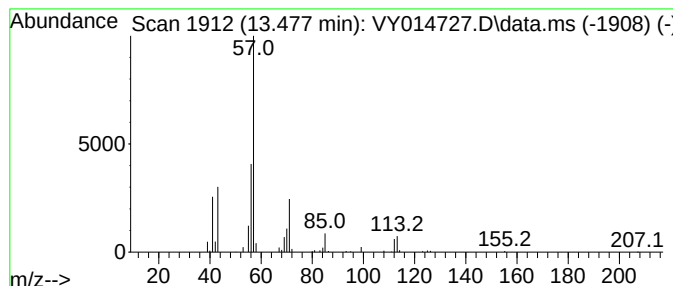
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Quant Title : SW846 8260

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

Peak Number 6 Hexane, 2,2,4-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.477	19.00 ug/l	106014	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	72
2			Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	72
3			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	64
4			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59
5			Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
Data File : VY014727.D
Acq On : 20 Jul 2023 17:39
Operator : SY/MD
Sample : 03681-02
Misc : 4.97g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RPTP-1-GRAB-3

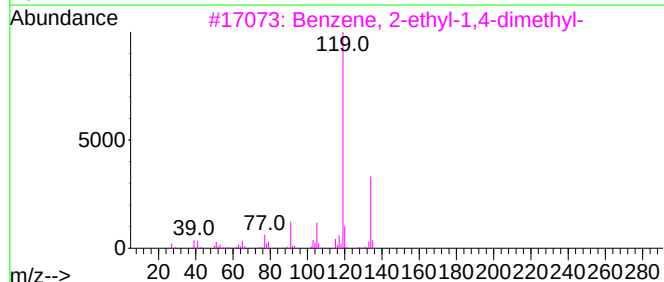
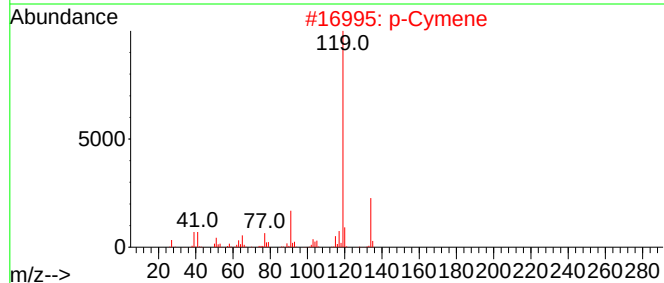
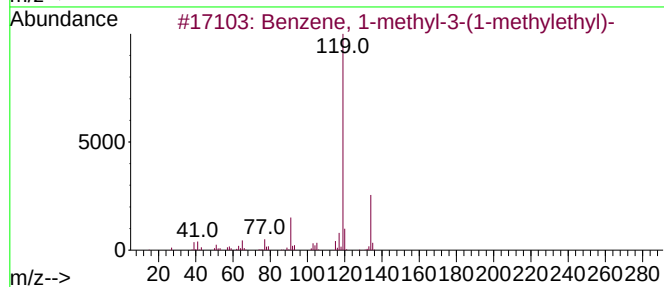
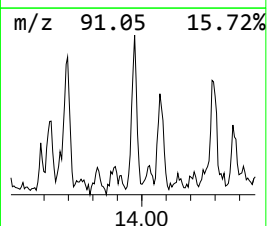
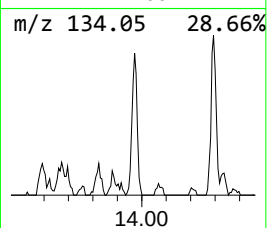
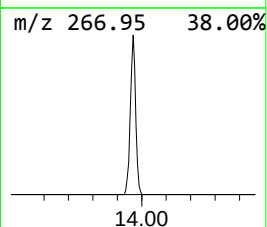
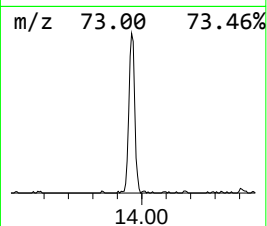
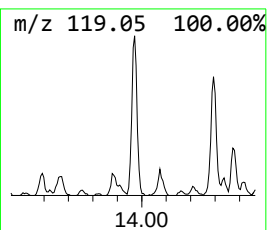
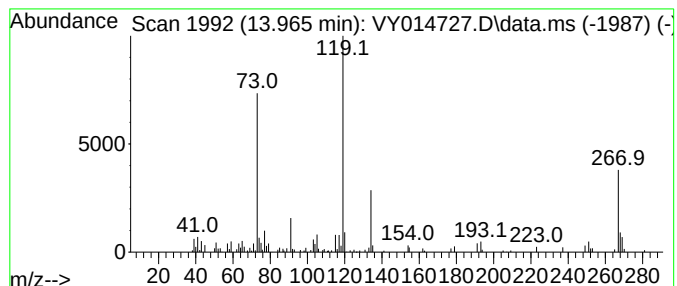
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1-methyl-3-(1-meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.965	13.41 ug/l	74833	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
2			p-Cymene	134	C10H14	000099-87-6	91
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90
5			o-Cymene	134	C10H14	000527-84-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
Data File : VY014727.D
Acq On : 20 Jul 2023 17:39
Operator : SY/MD
Sample : 03681-02
Misc : 4.97g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RPTP-1-GRAB-3

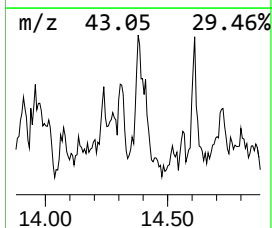
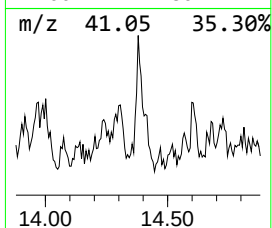
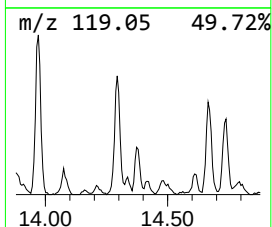
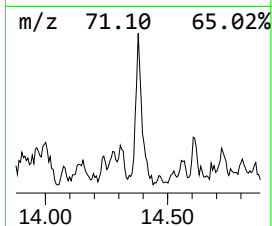
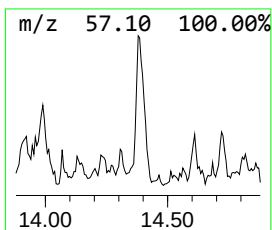
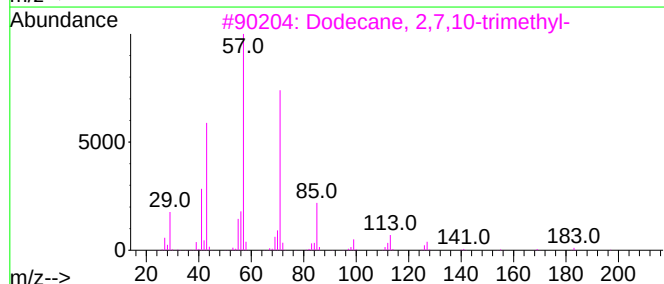
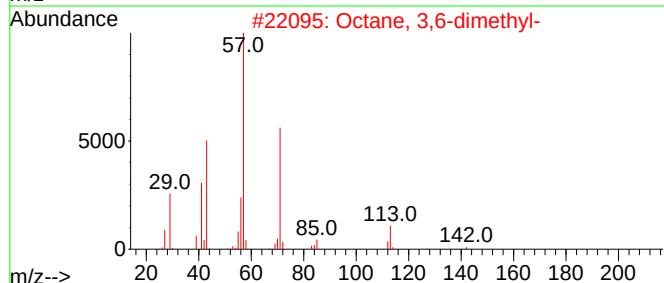
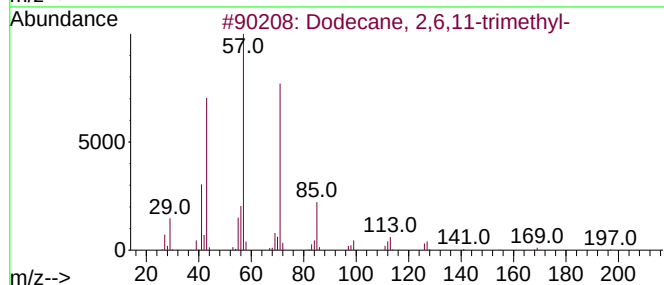
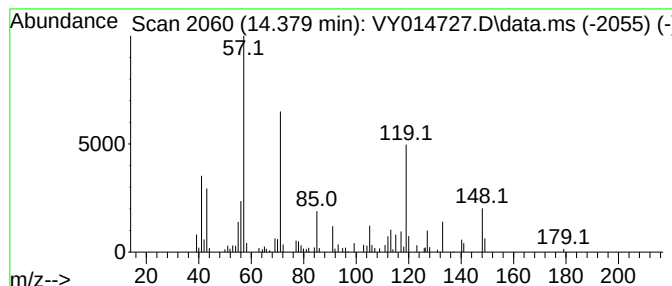
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Quant Title : SW846 8260

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

Peak Number 8 unknown14.379 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	11.16 ug/l	62268	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	43
2			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	38
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	38
4			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	38
5			Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
Data File : VY014727.D
Acq On : 20 Jul 2023 17:39
Operator : SY/MD
Sample : 03681-02
Misc : 4.97g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RPTP-1-GRAB-3

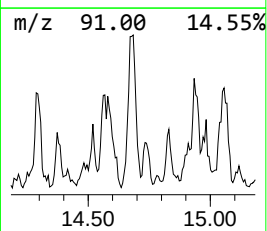
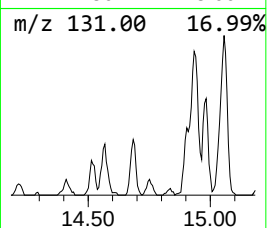
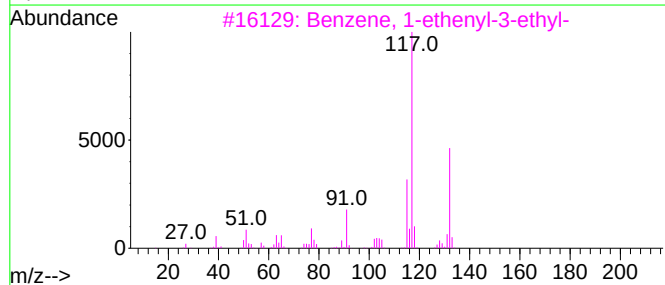
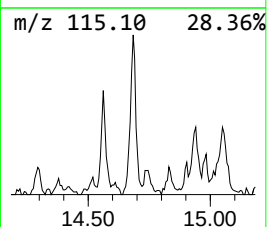
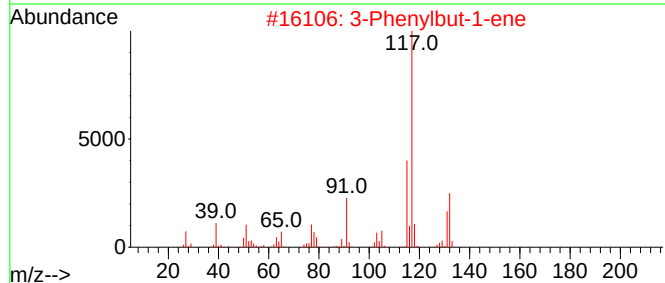
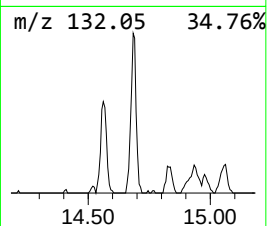
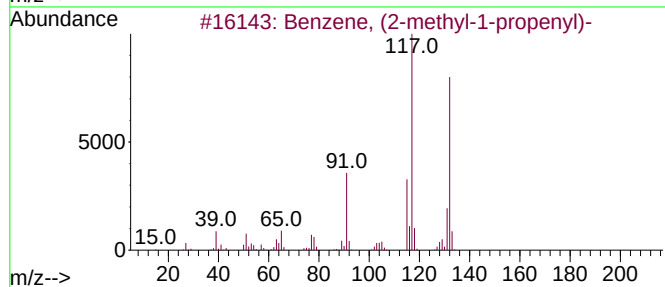
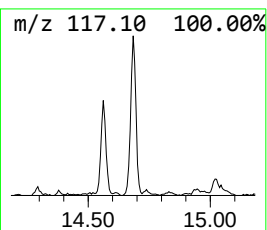
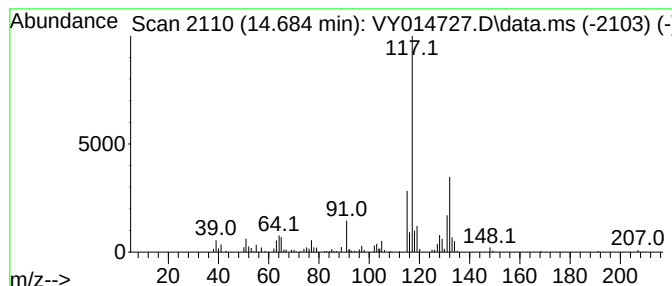
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Quant Title : SW846 8260

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

Peak Number 9 Benzene, (2-methyl-1-propen... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	16.83 ug/l	93900	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
2			3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
3			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
4			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
5			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
Data File : VY014727.D
Acq On : 20 Jul 2023 17:39
Operator : SY/MD
Sample : 03681-02
Misc : 4.97g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RPTP-1-GRAB-3

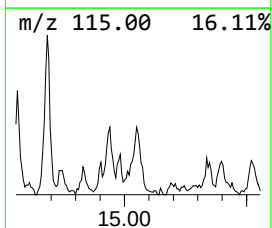
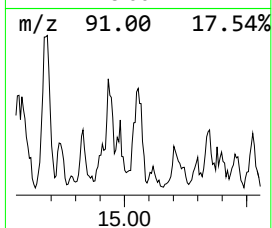
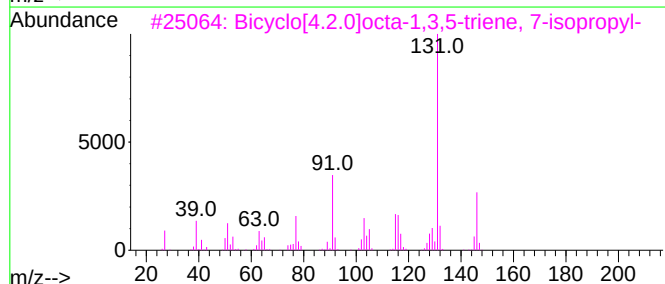
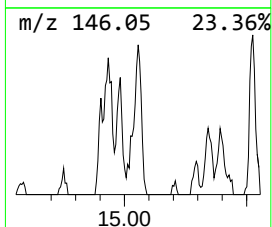
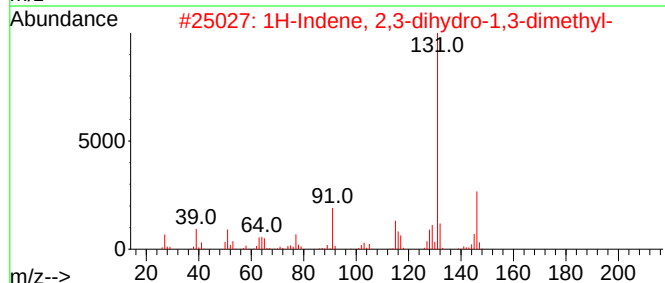
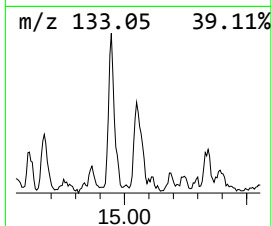
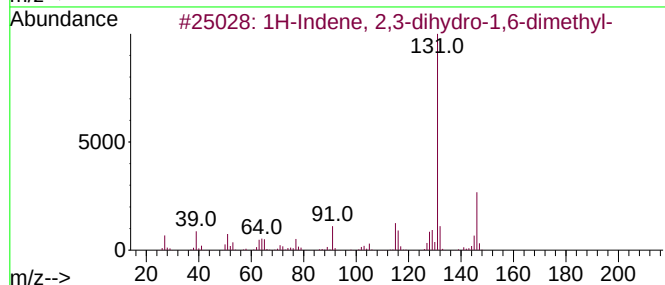
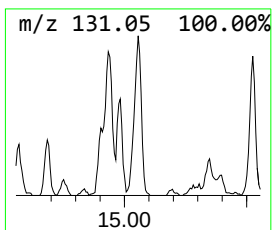
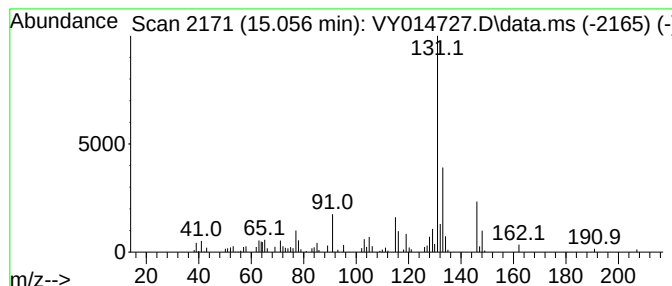
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Quant Title : SW846 8260

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

Peak Number 10 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.056	10.38 ug/l	57916	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	70
2			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	70
3			Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	64
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	64
5			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
Data File : VY014727.D
Acq On : 20 Jul 2023 17:39
Operator : SY/MD
Sample : 03681-02
Misc : 4.97g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RPTP-1-GRAB-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.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, 2,2,3,3...	8.319	9.1	ug/l	53162	2	8.685	291105	50.0
Pentane, 2,3,4-...	9.612	10.3	ug/l	59758	2	8.685	291105	50.0
Pentane, 2,3,3-...	9.746	14.5	ug/l	84193	2	8.685	291105	50.0
Nonane, 3,7-dim...	13.282	13.0	ug/l	72742	4	13.422	279030	50.0
Hexane, 2,2,4-t...	13.477	19.0	ug/l	106014	4	13.422	279030	50.0
Benzene, 1-meth...	13.965	13.4	ug/l	74833	4	13.422	279030	50.0
unknown14.379	14.379	11.2	ug/l	62268	4	13.422	279030	50.0
Benzene, (2-met...	14.684	16.8	ug/l	93900	4	13.422	279030	50.0
1H-Indene, 2,3-...	15.056	10.4	ug/l	57916	4	13.422	279030	50.0