

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
 Data File : VY014725.D
 Acq On : 20 Jul 2023 16:51
 Operator : SY/MD
 Sample : 03674-02
 Misc : 5.44g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WO-8

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: VY014725.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.704	461	473	496	rBV3	34211	122380	9.60%	1.240%
2	7.716	955	967	972	rBV	179448	427527	33.54%	4.332%
3	7.783	972	978	987	rVV	304727	704681	55.28%	7.140%
4	7.868	987	992	1002	rVB2	19091	48088	3.77%	0.487%
5	8.137	1025	1036	1049	rBV2	171085	382325	29.99%	3.874%
6	8.319	1052	1066	1076	rVV	46355	114321	8.97%	1.158%
7	8.685	1116	1126	1140	rBV	479014	939931	73.73%	9.524%
8	9.185	1203	1208	1213	rVV2	12496	20785	1.63%	0.211%
9	9.240	1213	1217	1223	rVB2	9666	18117	1.42%	0.184%
10	9.612	1270	1278	1289	rBV	60010	118538	9.30%	1.201%
11	9.746	1289	1300	1308	rBV	73807	161136	12.64%	1.633%
12	9.959	1325	1335	1346	rVB4	7854	22486	1.76%	0.228%
13	10.112	1354	1360	1364	rBV2	18660	32816	2.57%	0.333%
14	10.179	1364	1371	1384	rVB	736935	1274854	100.00%	12.918%
15	10.368	1394	1402	1408	rVB8	6439	16141	1.27%	0.164%
16	10.575	1431	1436	1441	rBV	10627	23142	1.82%	0.234%
17	10.715	1453	1459	1464	rVB3	9680	17483	1.37%	0.177%
18	10.898	1477	1489	1497	rBV4	6108	17359	1.36%	0.176%
19	11.276	1544	1551	1563	rVB4	12299	31022	2.43%	0.314%
20	11.380	1563	1568	1572	rBV	9488	15533	1.22%	0.157%
21	11.490	1577	1586	1594	rBV	698130	1159289	90.94%	11.747%
22	11.709	1612	1622	1624	rBV5	8210	18176	1.43%	0.184%
23	11.740	1624	1627	1631	rVB2	11474	16892	1.33%	0.171%
24	12.477	1739	1748	1758	rVB2	587864	1021075	80.09%	10.346%
25	12.624	1767	1772	1776	rBV2	14556	28514	2.24%	0.289%
26	12.666	1776	1779	1784	rVB	17355	24206	1.90%	0.245%
27	12.806	1798	1802	1804	rBV5	12618	19350	1.52%	0.196%
28	12.971	1822	1829	1832	rBV4	9332	20086	1.58%	0.204%
29	13.062	1842	1844	1849	rVB	13120	16027	1.26%	0.162%
30	13.117	1849	1853	1857	rVB3	10538	16251	1.27%	0.165%
31	13.172	1857	1862	1866	rVB2	9810	16535	1.30%	0.168%
32	13.282	1866	1880	1884	rBV2	30422	66747	5.24%	0.676%
33	13.361	1889	1893	1896	rBV4	7818	13214	1.04%	0.134%
34	13.422	1896	1903	1909	rBV	676957	1042748	81.79%	10.566%
35	13.471	1909	1911	1918	rVB4	23963	48489	3.80%	0.491%
36	13.526	1918	1920	1925	rVB	12064	13728	1.08%	0.139%

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37	13.587	1927	1930	1933	rBV	12777	19791	1.55%	0.201%
38	13.629	1933	1937	1942	rBV3	27752	48623	3.81%	0.493%
39	13.751	1952	1957	1959	rBV4	9670	16153	1.27%	0.164%
40	13.825	1965	1969	1975	rVB2	18222	28507	2.24%	0.289%
41	13.965	1986	1992	1998	rBV3	73142	123219	9.67%	1.249%
42	14.026	1999	2002	2006	rVB2	12088	17455	1.37%	0.177%
43	14.081	2006	2011	2016	rVB2	44994	71614	5.62%	0.726%
44	14.142	2016	2021	2027	rBV7	8196	18152	1.42%	0.184%
45	14.245	2028	2038	2039	rBV7	9472	23428	1.84%	0.237%
46	14.294	2040	2046	2055	rVB	47329	92212	7.23%	0.934%
47	14.379	2055	2060	2063	rBV3	40173	65409	5.13%	0.663%
48	14.520	2079	2083	2086	rVV2	17261	26345	2.07%	0.267%
49	14.562	2086	2090	2095	rVV2	58094	99676	7.82%	1.010%
50	14.611	2095	2098	2103	rVB2	16744	23392	1.83%	0.237%
51	14.684	2103	2110	2115	rBV3	91413	191616	15.03%	1.942%
52	14.733	2115	2118	2124	rVB3	28214	48592	3.81%	0.492%
53	14.830	2130	2134	2138	rVB2	13681	18288	1.43%	0.185%
54	14.904	2142	2146	2147	rBV	14609	17021	1.34%	0.172%
55	14.940	2147	2152	2156	rVV2	49732	93474	7.33%	0.947%
56	14.977	2156	2158	2164	rVV	21476	34457	2.70%	0.349%
57	15.056	2164	2171	2178	rVV2	45706	99349	7.79%	1.007%
58	15.233	2190	2200	2205	rBV	73513	149759	11.75%	1.517%
59	15.343	2213	2218	2222	rBV2	29455	52510	4.12%	0.532%
60	15.391	2223	2226	2230	rVB	13315	17570	1.38%	0.178%
61	15.525	2241	2248	2254	rBV	35760	73661	5.78%	0.746%
62	15.684	2264	2274	2278	rBV7	21769	62031	4.87%	0.629%
63	15.818	2291	2296	2299	rVV4	7453	13447	1.05%	0.136%
64	15.891	2299	2308	2319	rVB6	20317	60759	4.77%	0.616%
65	16.031	2325	2331	2335	rBV7	7532	15370	1.21%	0.156%
66	16.288	2367	2373	2381	rVB	64806	125560	9.85%	1.272%
67	16.489	2397	2406	2417	rVB	31634	71369	5.60%	0.723%

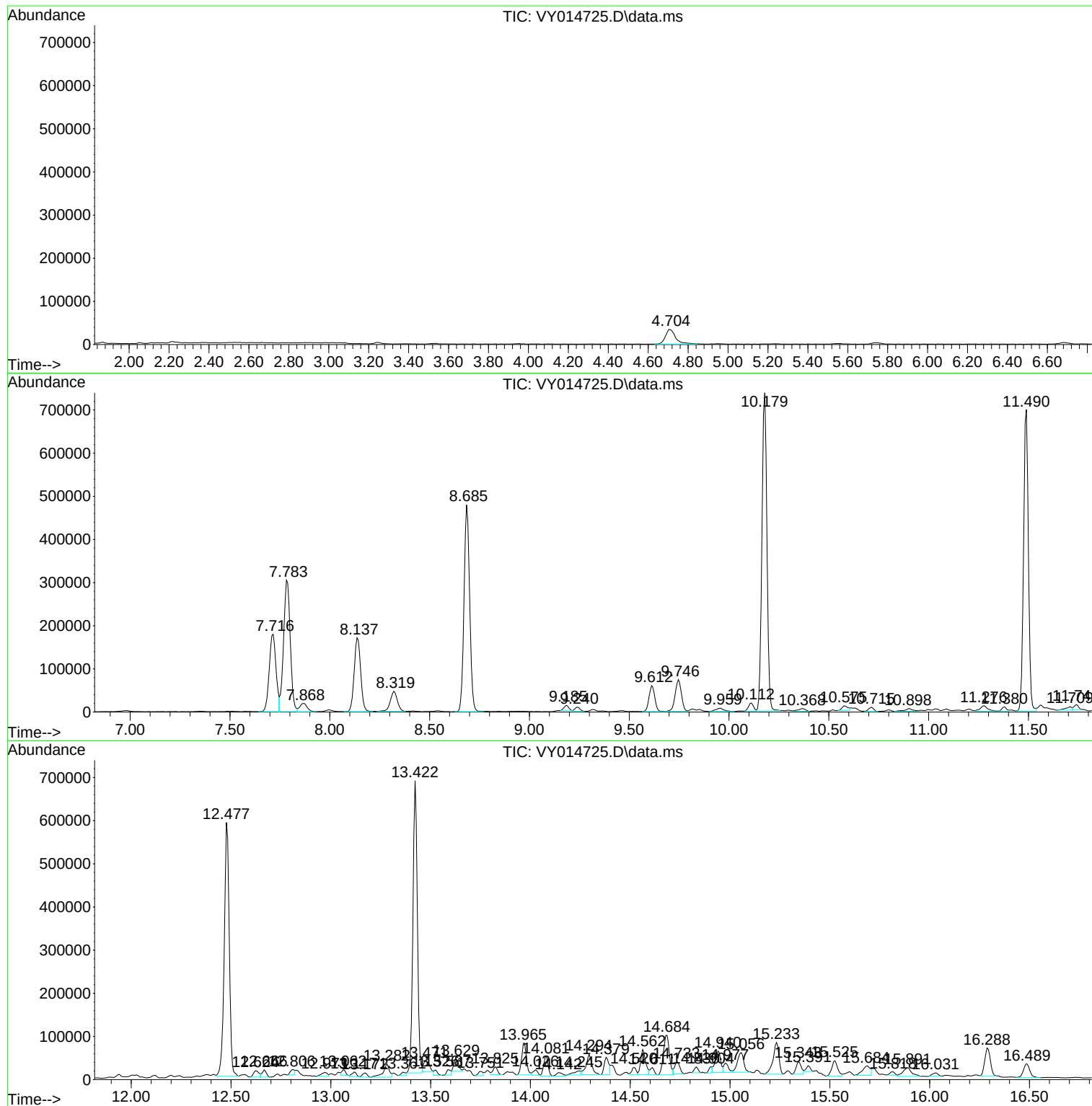
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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



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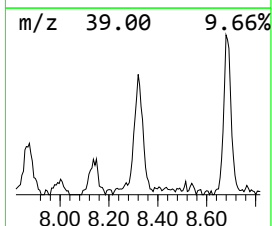
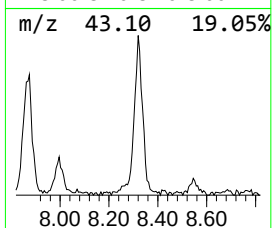
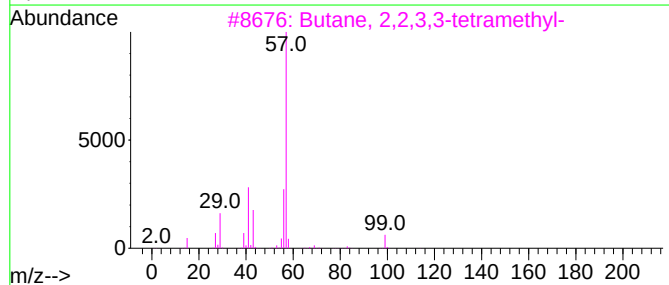
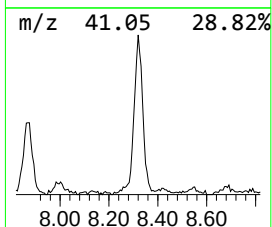
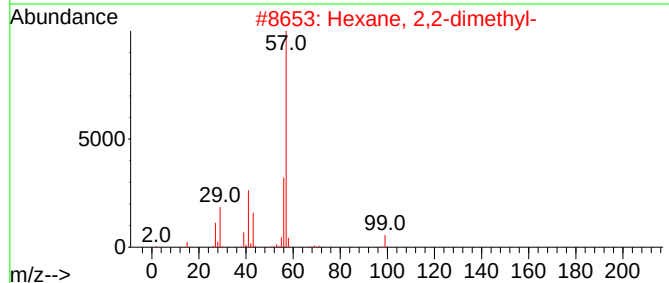
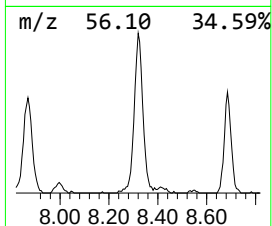
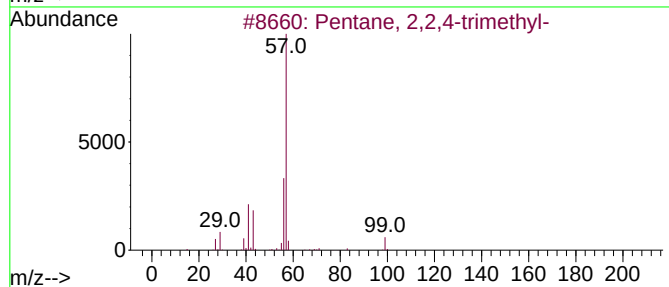
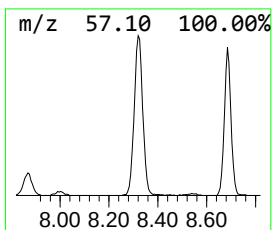
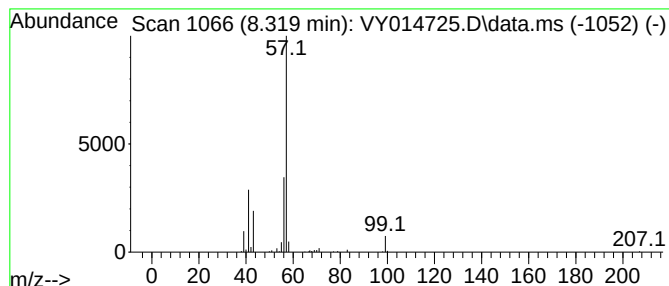
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.319	6.08 ug/l	114321	1,4-Difluorobenzene	8.685

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	78
2			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
3			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
4			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
5			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59



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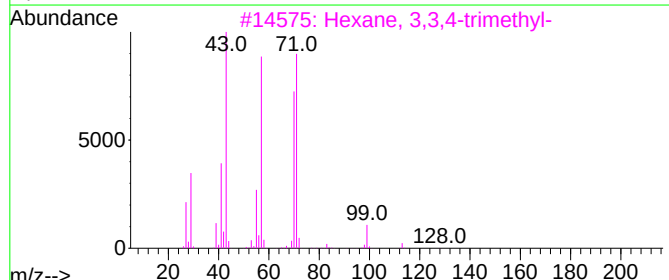
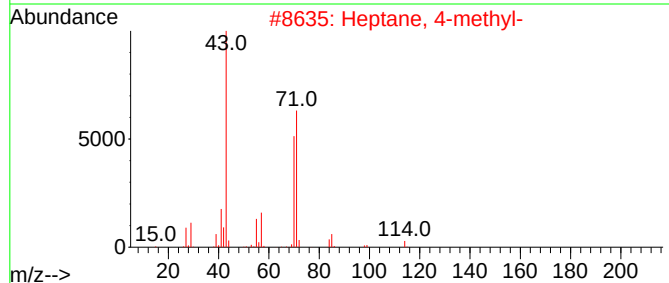
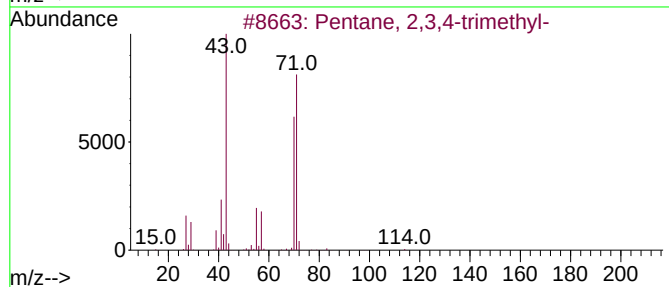
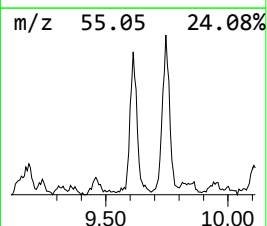
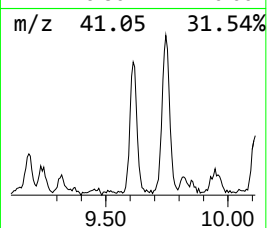
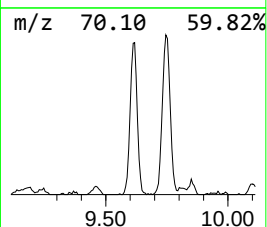
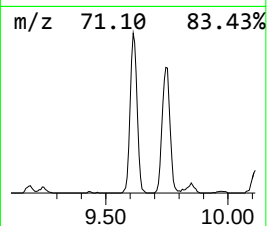
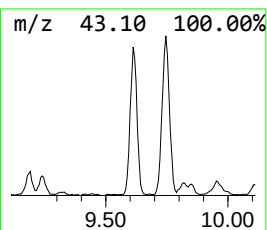
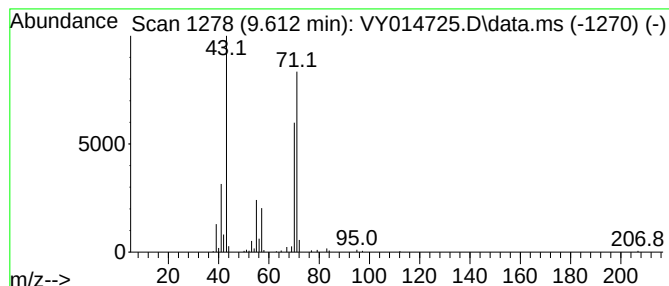
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.612	6.31 ug/l	118538	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	83
2			Heptane, 4-methyl-	114	C8H18	000589-53-7	83
3			Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	74
4			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	74
5			2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	64



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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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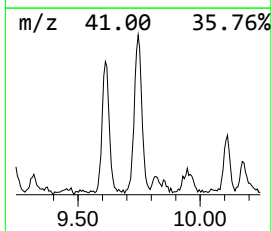
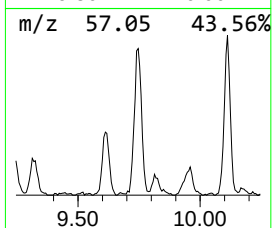
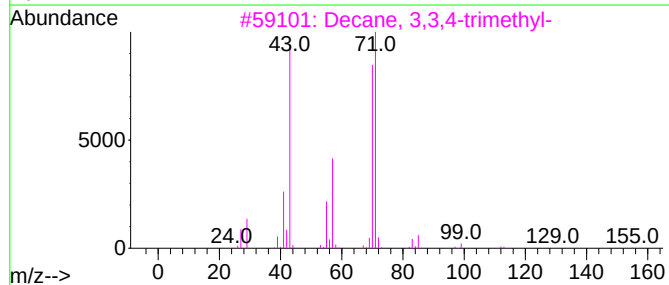
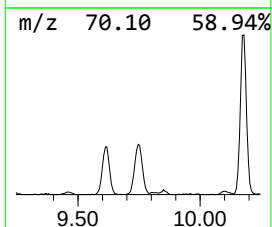
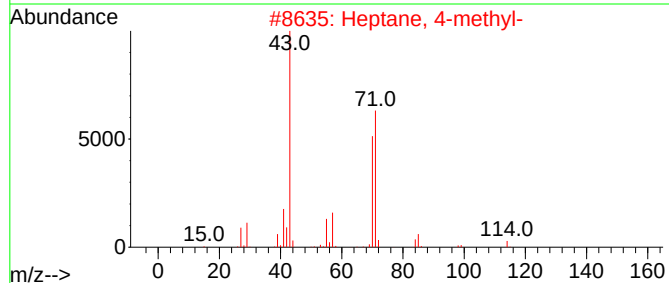
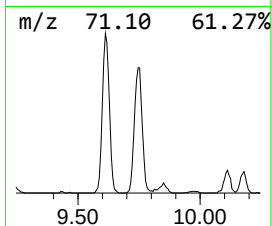
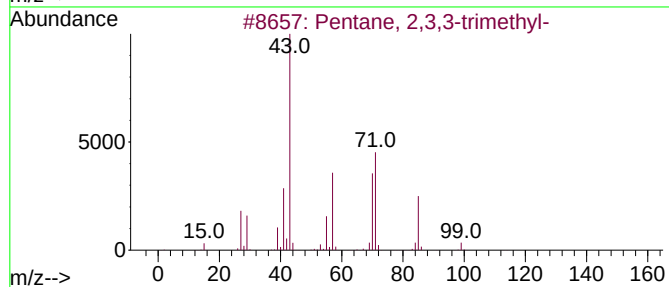
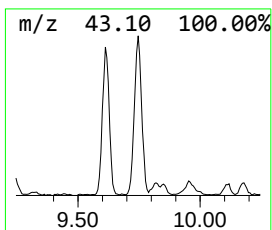
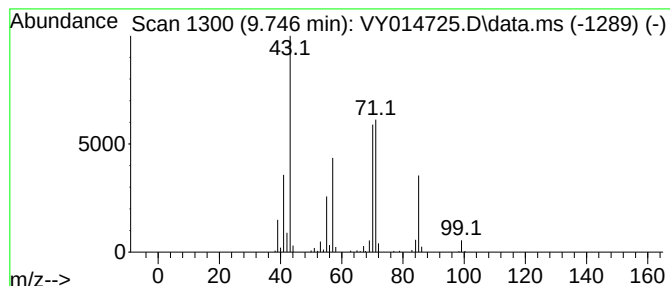
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.746	8.57 ug/l	161136	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			Heptane, 4-methyl-	114	C8H18	000589-53-7	64
3			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64
4			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
5			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59



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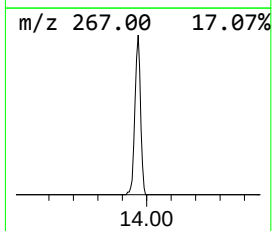
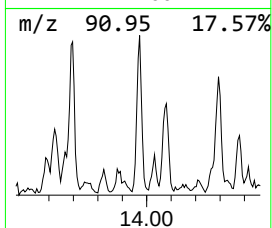
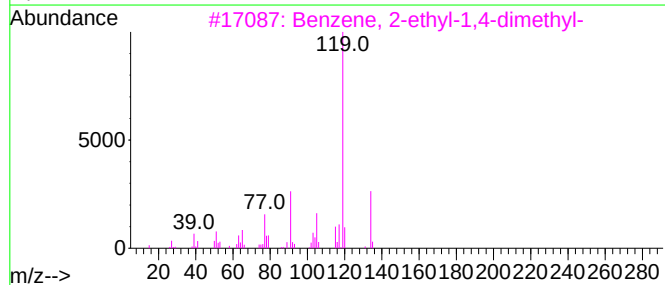
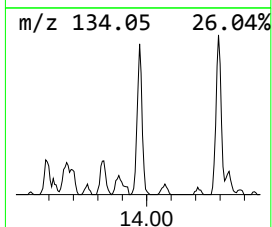
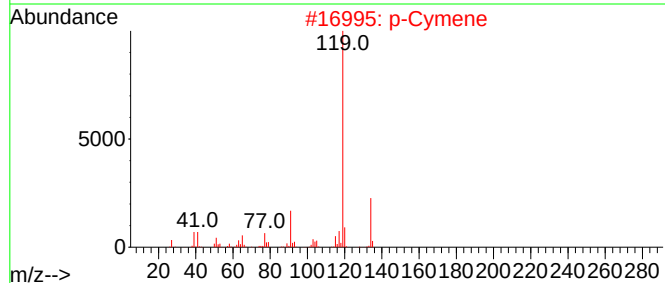
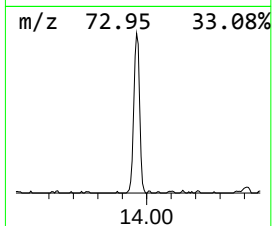
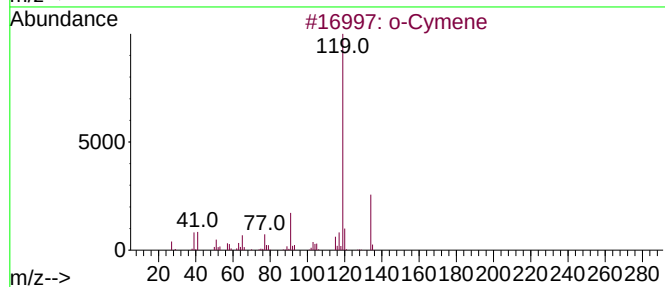
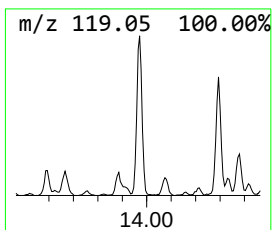
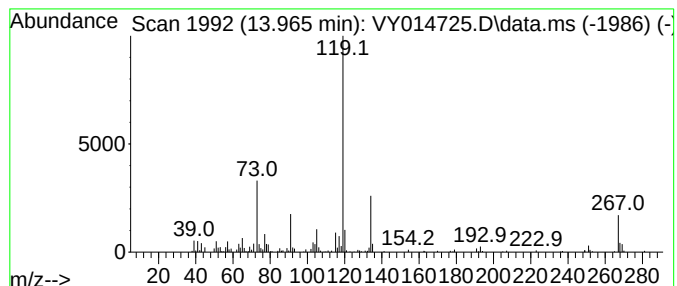
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 5 o-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.965	5.91 ug/l	123219	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	95
2			p-Cymene	134	C10H14	000099-87-6	95
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93



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Operator : SY/MD
Sample : 03674-02
Misc : 5.44g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WO-8

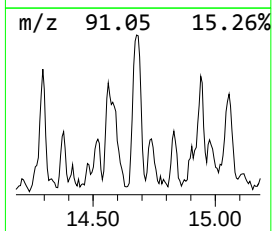
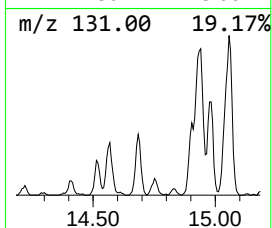
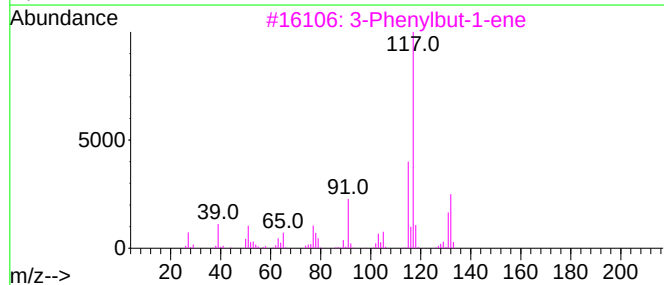
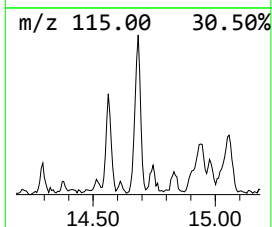
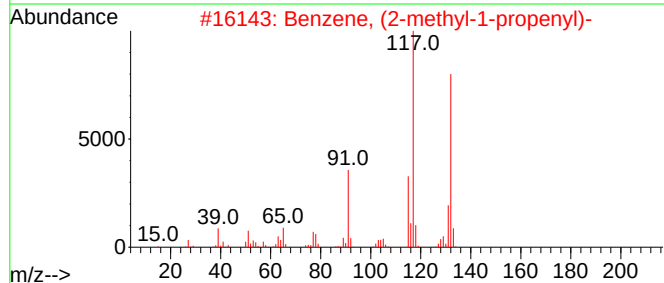
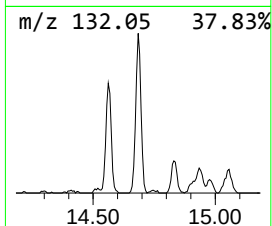
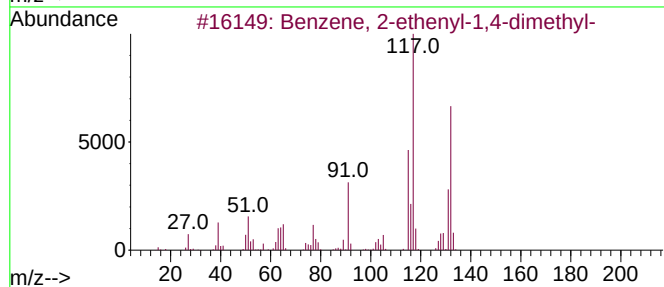
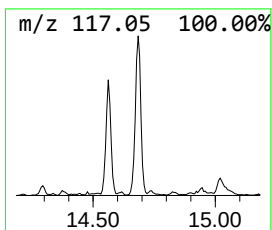
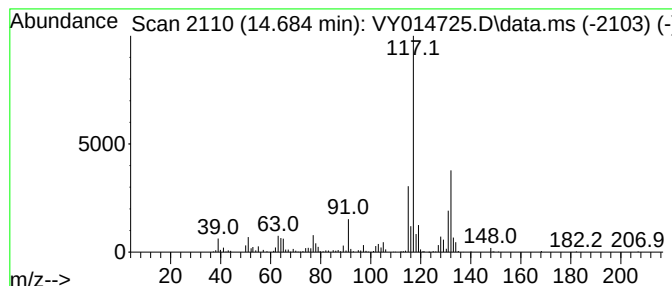
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	9.19 ug/l	191616	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
3			3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
5			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
Data File : VY014725.D
Acq On : 20 Jul 2023 16:51
Operator : SY/MD
Sample : 03674-02
Misc : 5.44g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WO-8

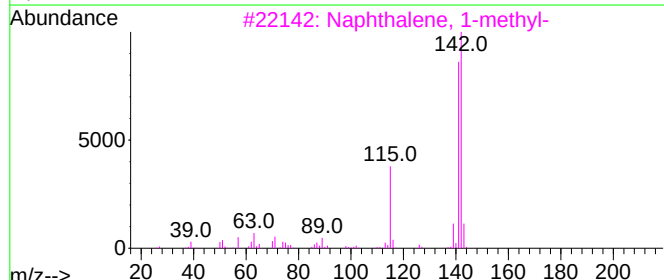
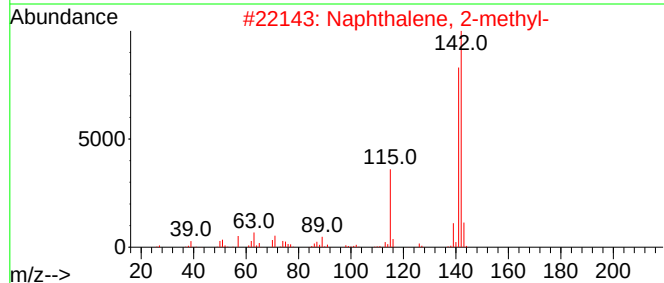
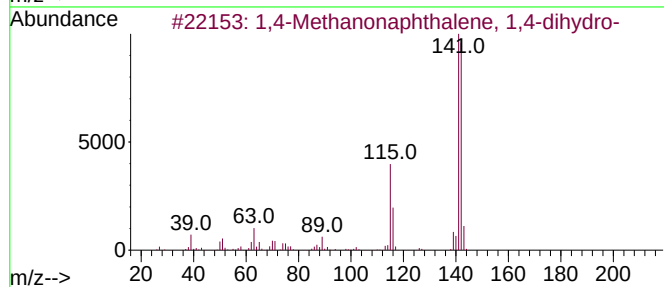
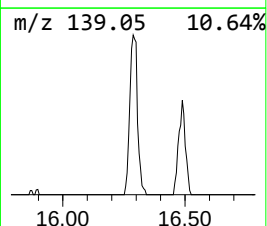
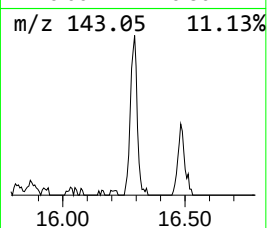
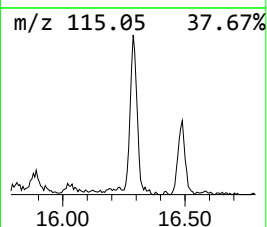
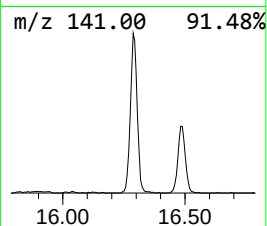
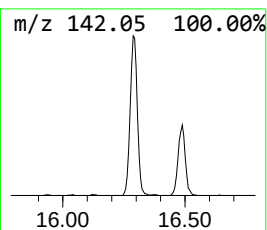
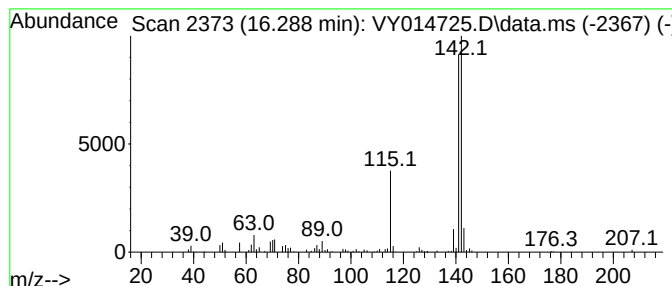
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Quant Title : SW846 8260

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

Peak Number 7 1,4-Methanonaphthalene, 1,4... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.288	6.02 ug/l	125560	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4			Benzocycloheptatriene	142	C11H10	000264-09-5	91
5			1-Naphthaleneacetamide	185	C12H11NO	000086-86-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
Data File : VY014725.D
Acq On : 20 Jul 2023 16:51
Operator : SY/MD
Sample : 03674-02
Misc : 5.44g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WO-8

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
Pentane, 2,2,4-...	8.319	6.1	ug/l	114321	2	8.685	939931	50.0
Pentane, 2,3,4-...	9.612	6.3	ug/l	118538	2	8.685	939931	50.0
Pentane, 2,3,3-...	9.746	8.6	ug/l	161136	2	8.685	939931	50.0
o-Cymene	13.965	5.9	ug/l	123219	4	13.422	1042750	50.0
Benzene, 2-ethe...	14.684	9.2	ug/l	191616	4	13.422	1042750	50.0
1,4-Methanonaph...	16.288	6.0	ug/l	125560	4	13.422	1042750	50.0