

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102122\
 Data File : VY011044.D
 Acq On : 21 Oct 2022 12:51
 Operator : KP/MD
 Sample : N5193-14
 Misc : 6.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LSP-SS-07-20-40

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\82Y101722S.M
 Title : SW846 8260

Signal : TIC: VY011044.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	338	349	359	rBV2	9023	24893	1.18%	0.152%
2	4.192	381	389	398	rBV	9175	23373	1.11%	0.143%
3	4.716	461	475	494	rBV2	24313	80773	3.84%	0.493%
4	7.716	956	967	973	rBV	291772	708206	33.65%	4.320%
5	7.789	973	979	989	rVV	474970	1067916	50.75%	6.514%
6	8.143	1028	1037	1047	rBV	262060	580484	27.58%	3.541%
7	8.691	1117	1127	1139	rBV	681776	1382040	65.67%	8.430%
8	9.179	1195	1207	1214	rBV2	50414	127100	6.04%	0.775%
9	9.466	1244	1254	1266	rVB5	11784	29511	1.40%	0.180%
10	9.606	1270	1277	1285	rVB3	18264	37394	1.78%	0.228%
11	9.941	1324	1332	1339	rBV5	16811	54546	2.59%	0.333%
12	10.179	1363	1371	1386	rBV	1229895	2104370	100.00%	12.836%
13	10.343	1393	1398	1408	rVB3	28773	82847	3.94%	0.505%
14	10.478	1410	1420	1422	rBV4	10605	21397	1.02%	0.131%
15	10.520	1422	1427	1433	rVB2	47706	81733	3.88%	0.499%
16	10.618	1439	1443	1448	rVB3	19836	33021	1.57%	0.201%
17	10.709	1454	1458	1463	rVB3	16915	26204	1.25%	0.160%
18	10.801	1468	1473	1478	rVB2	16247	27543	1.31%	0.168%
19	10.904	1478	1490	1497	rBV	19166	53222	2.53%	0.325%
20	10.971	1497	1501	1504	rVV2	17482	29714	1.41%	0.181%
21	11.032	1508	1511	1515	rVV	48765	77740	3.69%	0.474%
22	11.087	1515	1520	1526	rVV	161996	278769	13.25%	1.700%
23	11.142	1526	1529	1533	rVV	15546	22271	1.06%	0.136%
24	11.203	1533	1539	1543	rVV2	38944	72741	3.46%	0.444%
25	11.294	1547	1554	1562	rVB4	48365	121936	5.79%	0.744%
26	11.380	1562	1568	1572	rBV	32130	55399	2.63%	0.338%
27	11.490	1579	1586	1596	rBV	930556	1513583	71.93%	9.232%
28	11.587	1596	1602	1606	rBV2	39785	81003	3.85%	0.494%
29	11.624	1606	1608	1612	rVB2	22513	26486	1.26%	0.162%
30	11.679	1612	1617	1621	rBV4	34797	78930	3.75%	0.481%
31	11.739	1622	1627	1632	rBV2	48781	97294	4.62%	0.593%
32	11.837	1638	1643	1648	rBV2	15280	30838	1.47%	0.188%
33	11.898	1648	1653	1655	rVV3	14132	22060	1.05%	0.135%
34	11.928	1655	1658	1663	rVB2	15517	23221	1.10%	0.142%
35	12.008	1663	1671	1681	rBV6	81877	306836	14.58%	1.872%
36	12.117	1687	1689	1693	rVB	27880	34718	1.65%	0.212%

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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

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37	12.160	1693	1696	1698	rBV2	23609	32749	1.56%	0.200%
38	12.203	1698	1703	1706	rVV2	68379	128829	6.12%	0.786%
39	12.239	1706	1709	1714	rVB3	59966	115877	5.51%	0.707%
40	12.325	1719	1723	1727	rVV3	29449	48976	2.33%	0.299%
41	12.380	1728	1732	1735	rVV5	13120	22911	1.09%	0.140%
42	12.483	1743	1749	1755	rBV2	823033	1316598	62.56%	8.031%
43	12.563	1758	1762	1767	rBV6	15582	29535	1.40%	0.180%
44	12.642	1770	1775	1783	rVB3	149662	305301	14.51%	1.862%
45	12.727	1783	1789	1793	rBV5	38240	90565	4.30%	0.552%
46	12.812	1795	1803	1807	rBV5	110387	244187	11.60%	1.489%
47	12.971	1821	1829	1837	rBV4	68331	206844	9.83%	1.262%
48	13.038	1837	1840	1849	rVB5	58917	102261	4.86%	0.624%
49	13.123	1850	1854	1858	rVB5	23404	33805	1.61%	0.206%
50	13.166	1858	1861	1867	rBV3	22703	38443	1.83%	0.234%
51	13.251	1868	1875	1879	rVB4	51275	92817	4.41%	0.566%
52	13.318	1879	1886	1889	rBV4	50972	102004	4.85%	0.622%
53	13.361	1889	1893	1897	rBV5	34908	50874	2.42%	0.310%
54	13.422	1897	1903	1913	rVB2	815610	1465481	69.64%	8.939%
55	13.501	1913	1916	1918	rBV3	17189	22231	1.06%	0.136%
56	13.568	1922	1927	1929	rBV3	47635	74980	3.56%	0.457%
57	13.672	1939	1944	1951	rVB3	49405	106999	5.08%	0.653%
58	13.751	1951	1957	1961	rBV3	106474	192988	9.17%	1.177%
59	13.824	1965	1969	1972	rVB	32328	46535	2.21%	0.284%
60	13.965	1988	1992	1998	rVB2	113807	187565	8.91%	1.144%
61	14.074	2005	2010	2016	rVB2	97683	162215	7.71%	0.989%
62	14.148	2016	2022	2027	rVB8	34388	81027	3.85%	0.494%
63	14.209	2027	2032	2036	rBV3	56432	112844	5.36%	0.688%
64	14.263	2036	2041	2043	rBV3	48650	84740	4.03%	0.517%
65	14.379	2056	2060	2063	rBV3	50185	73699	3.50%	0.450%
66	14.416	2063	2066	2070	rVV3	44624	62777	2.98%	0.383%
67	14.574	2087	2092	2095	rBV5	26610	52329	2.49%	0.319%
68	14.611	2095	2098	2102	rVB3	43020	55847	2.65%	0.341%
69	14.672	2103	2108	2115	rVV4	138185	292242	13.89%	1.783%
70	14.733	2115	2118	2124	rVV3	45159	78103	3.71%	0.476%
71	14.946	2148	2153	2156	rBV2	50709	76114	3.62%	0.464%
72	14.983	2156	2159	2161	rVV	23286	33278	1.58%	0.203%
73	15.050	2165	2170	2176	rVB3	50132	98800	4.69%	0.603%
74	15.233	2190	2200	2207	rBV	186576	342000	16.25%	2.086%
75	15.342	2213	2218	2222	rVV3	21104	36048	1.71%	0.220%
76	15.605	2256	2261	2265	rVB6	14778	25882	1.23%	0.158%

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LSP-SS-07-20-40

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

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Title : SW846 8260

77	15.678	2270	2273	2278	rVB5	12842	23946	1.14%	0.146%
78	16.025	2323	2330	2337	rBV7	11692	29694	1.41%	0.181%
79	16.287	2367	2373	2390	rVB	44784	107797	5.12%	0.658%
80	16.483	2399	2405	2419	rVB	35193	85406	4.06%	0.521%

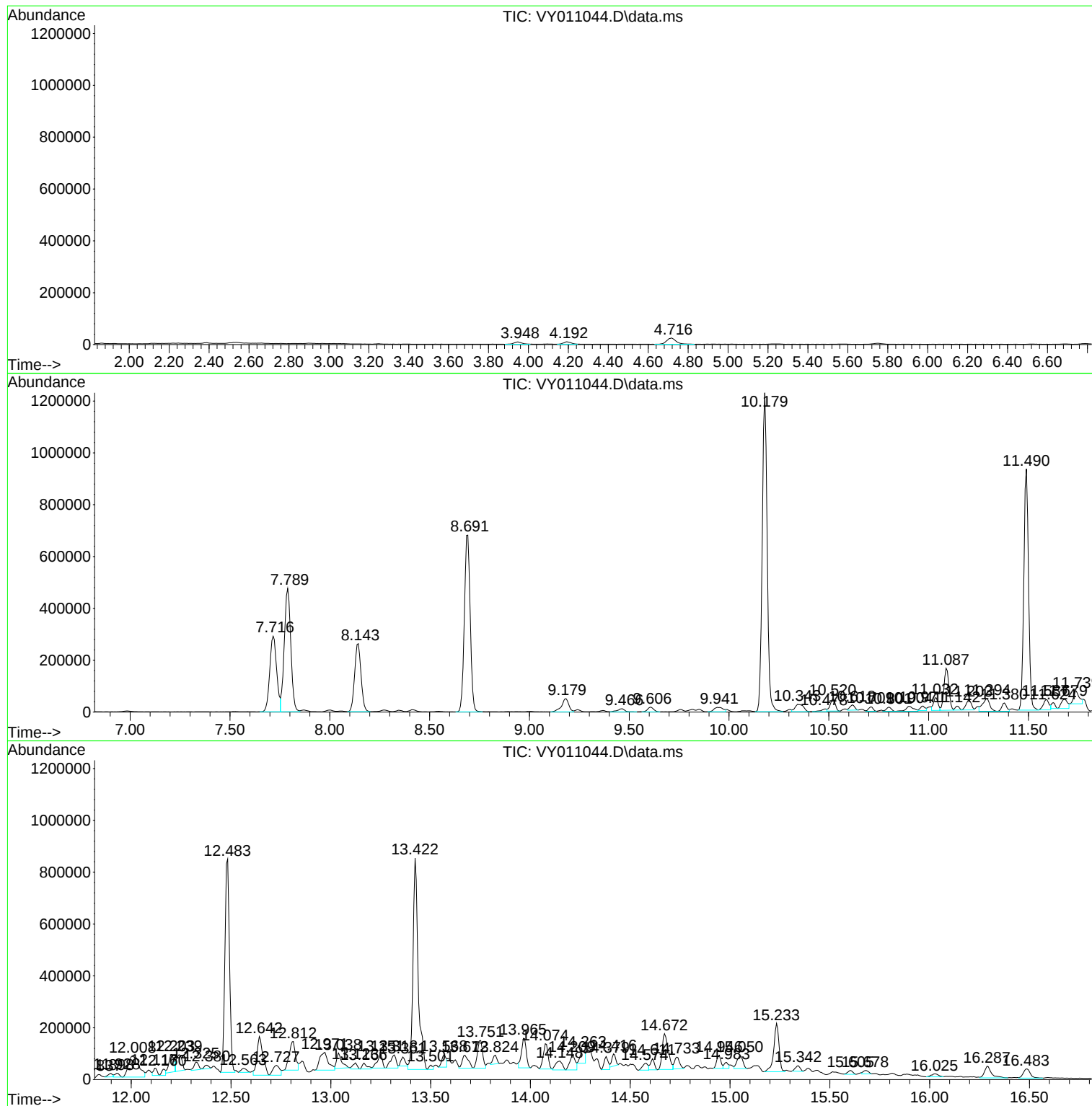
Sum of corrected areas: 16394255

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

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



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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-07-20-40

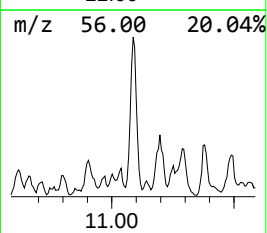
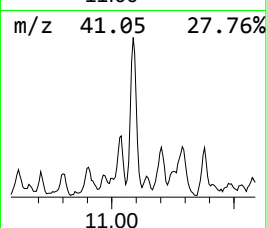
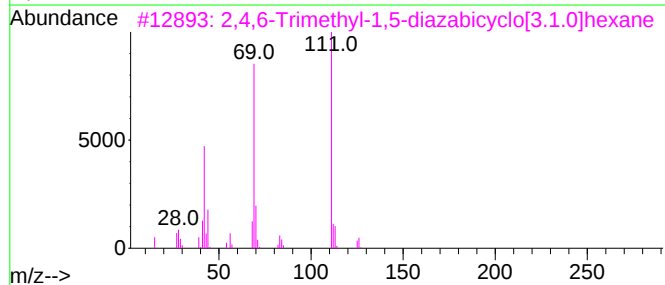
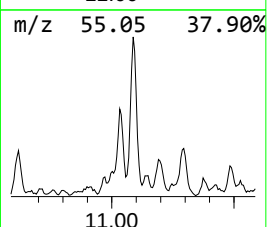
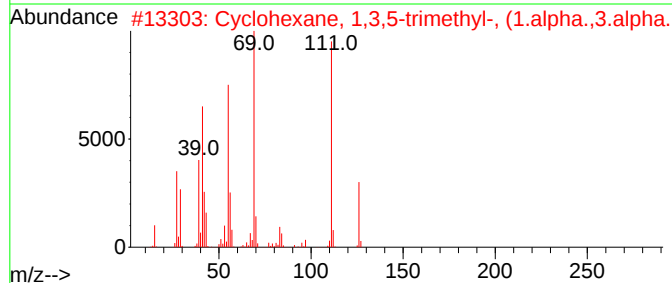
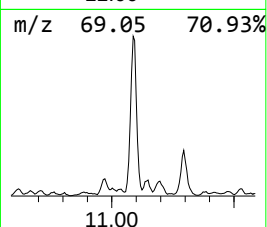
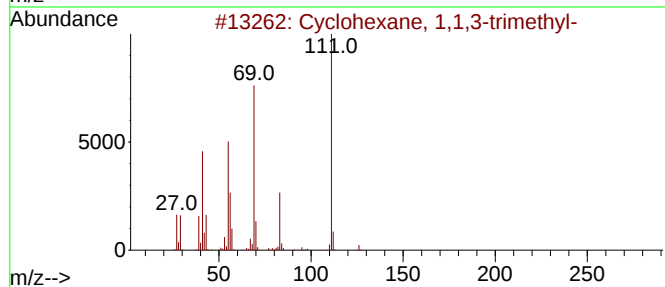
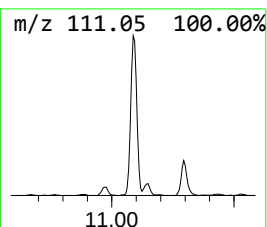
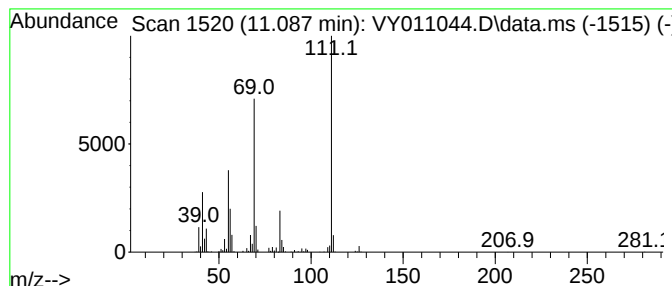
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.087	9.21 ug/l	278769	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
2			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	64
3			2,4,6-Trimethyl-1,5-diazabicyclo...	126	C7H14N2	1000283-21-2	59
4			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	59
5			1-Aminocyclopropanecarboxylic ac...	156	C7H12N2O2	1000375-50-8	53



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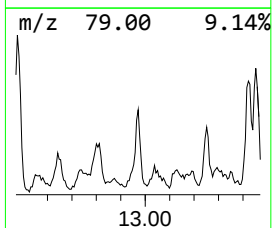
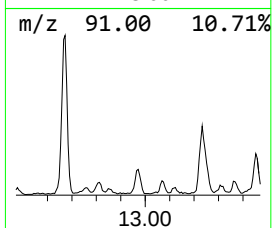
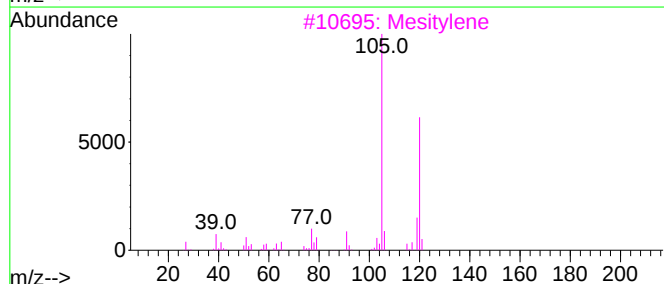
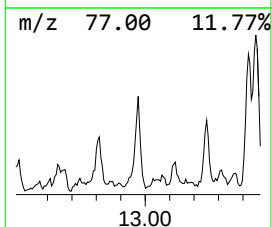
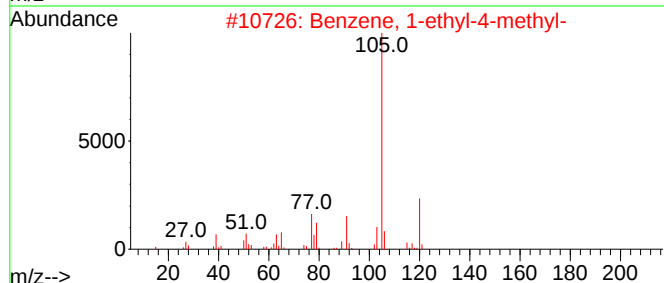
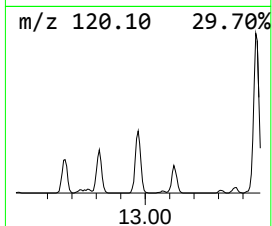
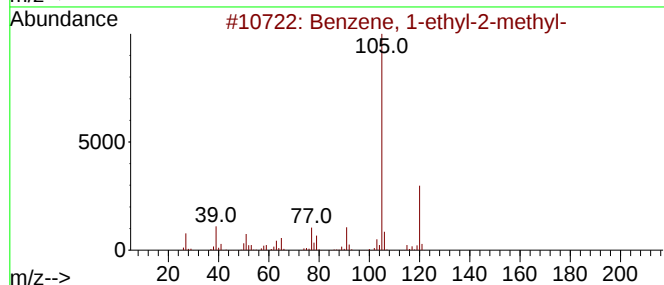
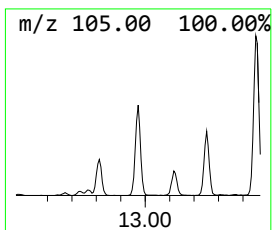
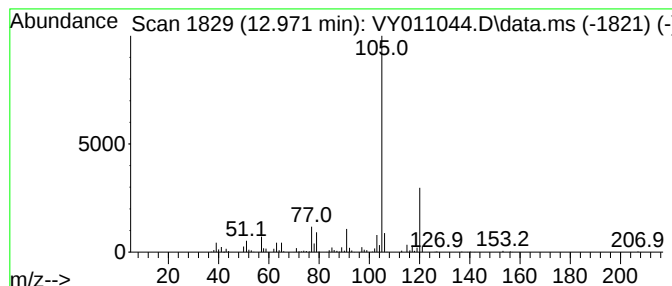
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.971	7.06 ug/l	206844	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3			Mesitylene	120	C9H12	000108-67-8	91
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



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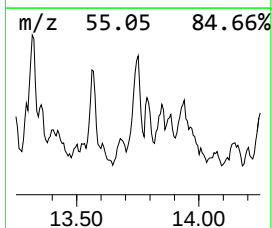
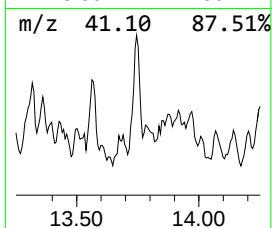
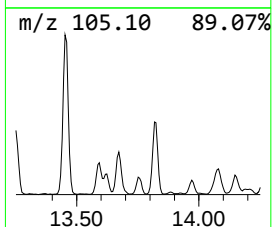
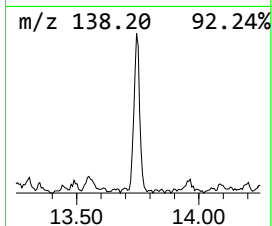
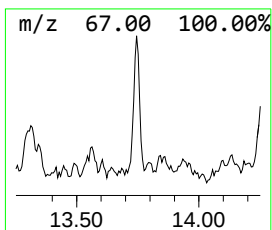
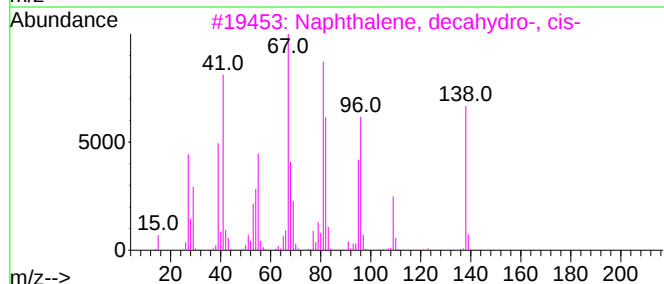
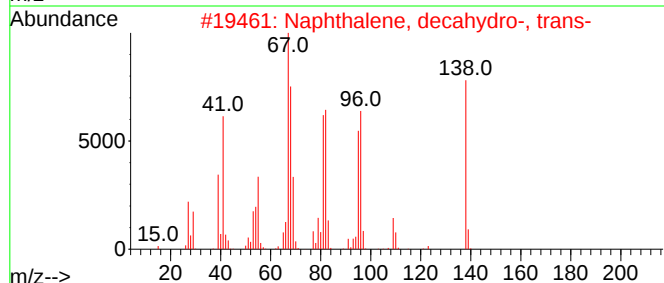
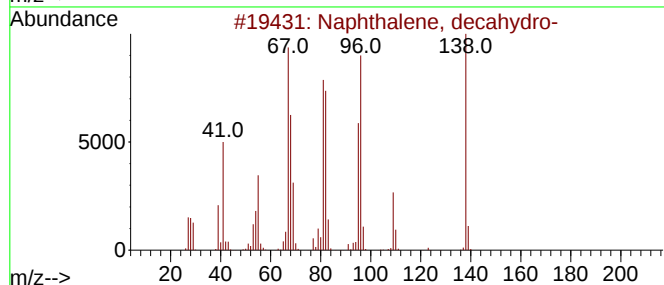
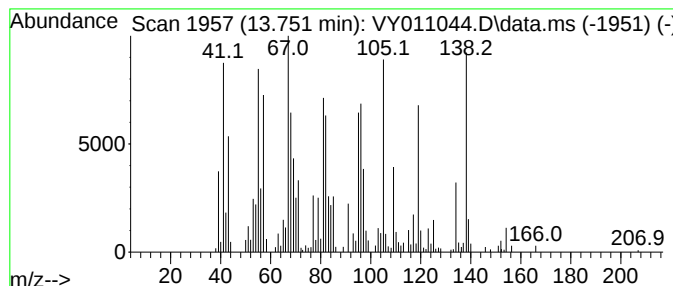
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

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

Peak Number 3 Naphthalene, decahydro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	6.58 ug/l	192988	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-	138	C10H18	000091-17-8	95
2			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	92
3			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	64
4			2,2-Dimethyl-3-vinylcyclopentanone	138	C9H14O	1000427-24-5	60
5			Spiro[4.5]decane	138	C10H18	000176-63-6	58



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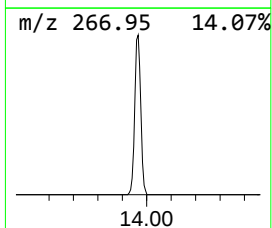
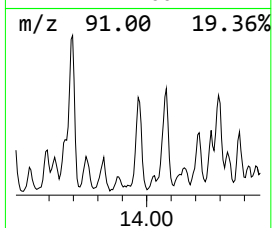
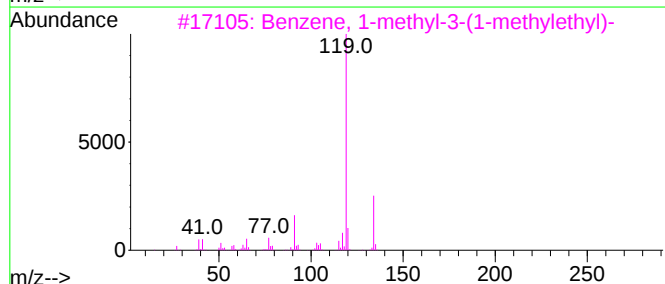
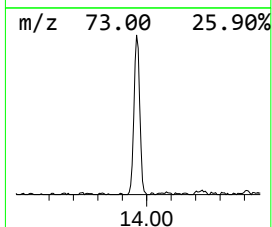
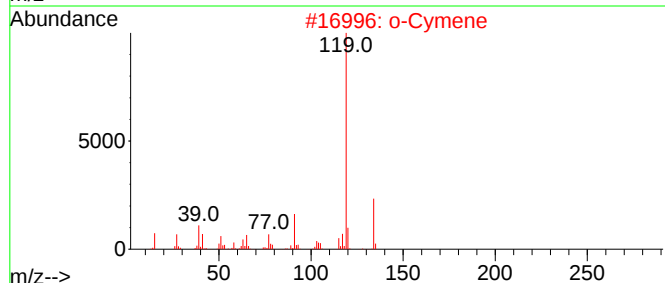
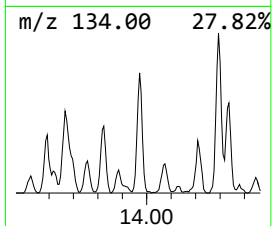
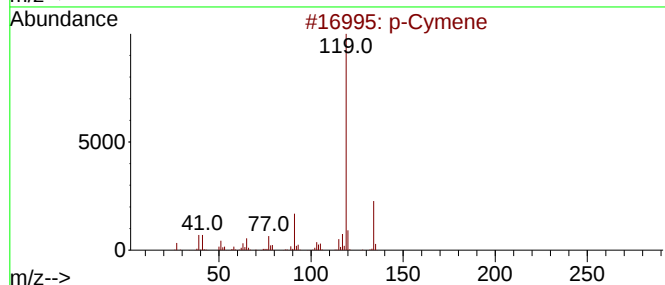
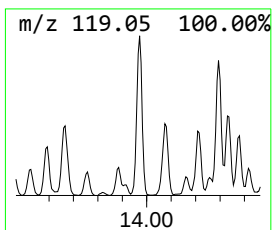
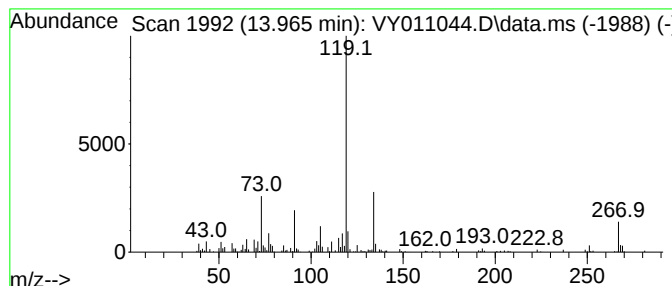
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

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

Peak Number 4 p-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.965	6.40 ug/l	187565	1,4-Dichlorobenzene-d4	13.422

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102122\
Data File : VY011044.D
Acq On : 21 Oct 2022 12:51
Operator : KP/MD
Sample : N5193-14
Misc : 6.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-07-20-40

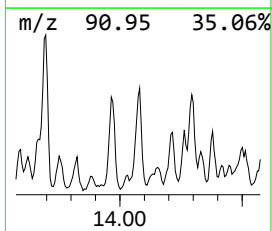
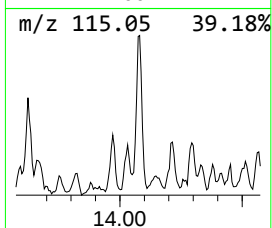
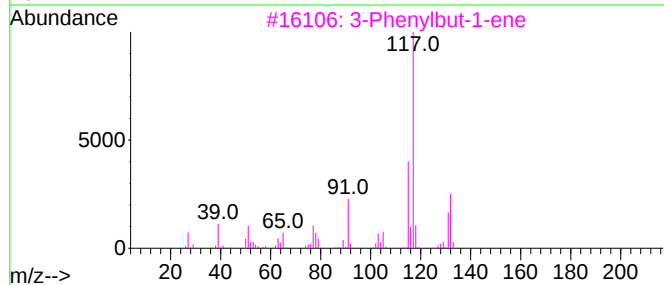
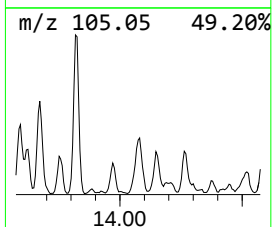
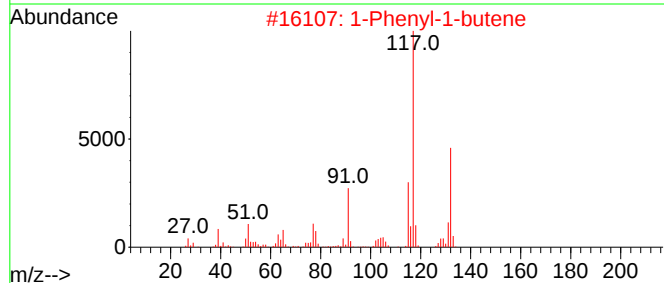
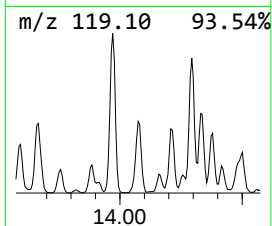
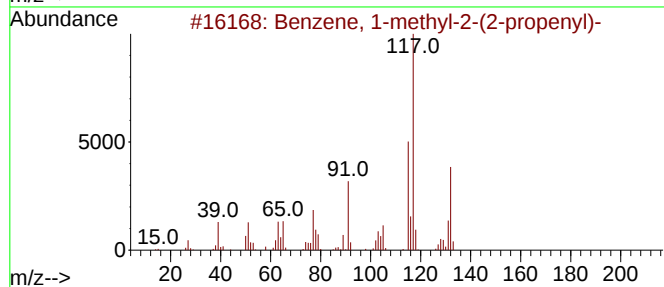
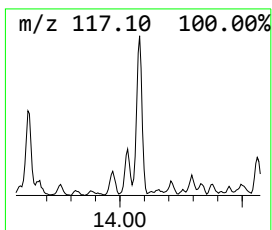
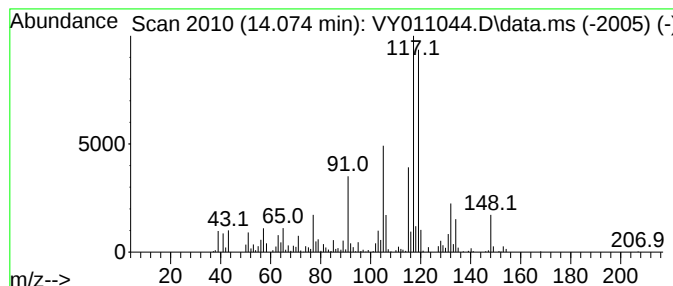
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-methyl-2-(2-prop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.074	5.53 ug/l	162215	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	80
2			1-Phenyl-1-butene	132	C10H12	000824-90-8	70
3			3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
4			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	55
5			Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102122\
Data File : VY011044.D
Acq On : 21 Oct 2022 12:51
Operator : KP/MD
Sample : N5193-14
Misc : 6.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-07-20-40

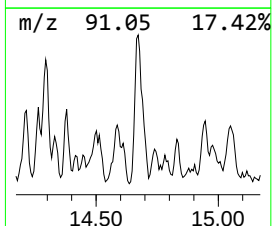
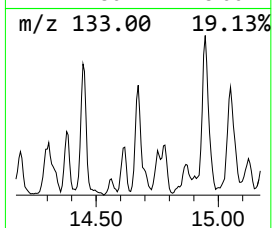
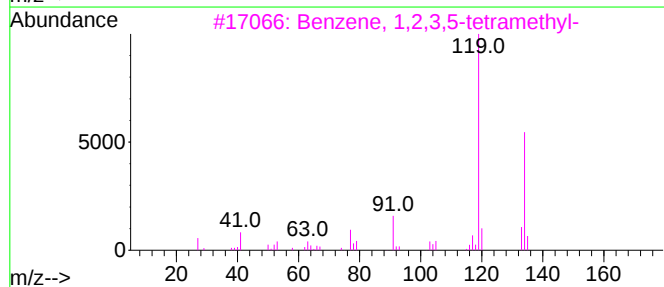
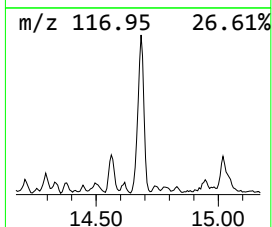
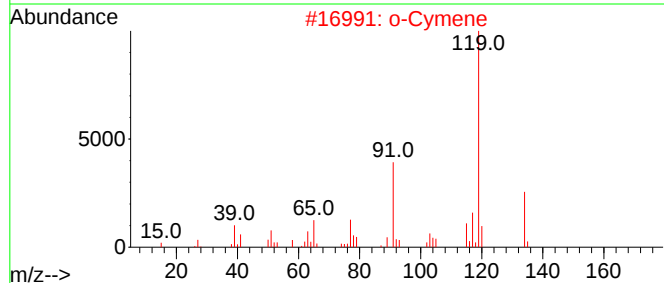
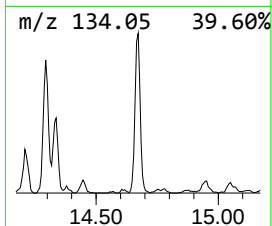
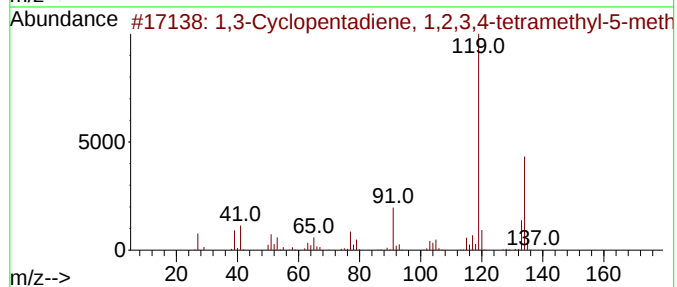
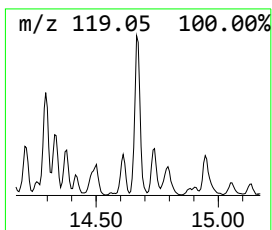
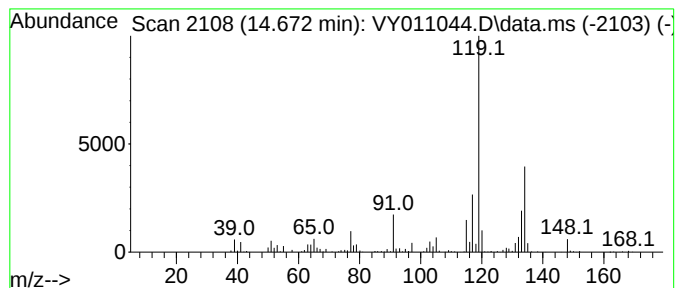
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

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

Peak Number 6 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.672	9.97 ug/l	292242	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	81
2			o-Cymene	134	C10H14	000527-84-4	76
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	76
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102122\
Data File : VY011044.D
Acq On : 21 Oct 2022 12:51
Operator : KP/MD
Sample : N5193-14
Misc : 6.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-07-20-40

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.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
Cyclohexane, 1,...	11.087	9.2	ug/l	278769	3	11.490	1513580	50.0
Benzene, 1-ethy...	12.971	7.1	ug/l	206844	4	13.422	1465480	50.0
Naphthalene, de...	13.751	6.6	ug/l	192988	4	13.422	1465480	50.0
p-Cymene	13.965	6.4	ug/l	187565	4	13.422	1465480	50.0
Benzene, 1-meth...	14.074	5.5	ug/l	162215	4	13.422	1465480	50.0
1,3-Cyclopentad...	14.672	10.0	ug/l	292242	4	13.422	1465480	50.0