

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011720\
 Data File : VY001280.D
 Acq On : 17 Jan 2020 20:53
 Operator : SY/MD
 Sample : L1154-03
 Misc : 7.58G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B4-15-20

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.755	486	495	508	rBV3	13047	42163	3.98%	0.691%
2	7.760	976	988	993	rBV	140393	332110	31.35%	5.442%
3	7.827	993	999	1014	rVB	242951	548517	51.78%	8.988%
4	8.181	1044	1057	1068	rBV	144083	317021	29.93%	5.194%
5	8.723	1136	1146	1158	rVB	401120	783181	73.93%	12.833%
6	10.205	1380	1389	1397	rBV	622729	1059378	100.00%	17.358%
7	11.509	1595	1603	1614	rBV	540355	881404	83.20%	14.442%
8	12.022	1680	1687	1693	rBV6	11698	27093	2.56%	0.444%
9	12.217	1710	1719	1721	rBV6	11555	22865	2.16%	0.375%
10	12.247	1721	1724	1731	rVB3	18746	34402	3.25%	0.564%
11	12.387	1742	1747	1754	rVB7	10126	25460	2.40%	0.417%
12	12.497	1759	1765	1772	rBV	387064	609417	57.53%	9.985%
13	12.588	1772	1780	1784	rBV9	8340	24858	2.35%	0.407%
14	12.662	1787	1792	1798	rVB2	32990	59260	5.59%	0.971%
15	12.741	1798	1805	1810	rBV6	13561	34442	3.25%	0.564%
16	12.826	1812	1819	1823	rVV5	26085	59413	5.61%	0.973%
17	12.875	1825	1827	1833	rVB4	15134	20729	1.96%	0.340%
18	12.966	1833	1842	1846	rBV6	18511	34426	3.25%	0.564%
19	13.021	1846	1851	1853	rBV3	8563	16953	1.60%	0.278%
20	13.058	1853	1857	1864	rVB5	15480	31095	2.94%	0.509%
21	13.186	1874	1878	1883	rBV4	11845	17498	1.65%	0.287%
22	13.241	1883	1887	1890	rBV3	10533	15673	1.48%	0.257%
23	13.332	1895	1902	1906	rBV5	29405	64119	6.05%	1.051%
24	13.442	1914	1920	1930	rBV	448094	682858	64.46%	11.189%
25	13.582	1939	1943	1947	rBV5	12008	18995	1.79%	0.311%
26	13.710	1958	1964	1967	rBV6	8493	21955	2.07%	0.360%
27	13.765	1967	1973	1978	rVV3	49367	93761	8.85%	1.536%
28	13.814	1978	1981	1985	rVV4	12636	18165	1.71%	0.298%
29	13.869	1986	1990	1999	rVV9	9643	32826	3.10%	0.538%
30	13.985	2006	2009	2013	rVB4	11516	16136	1.52%	0.264%
31	14.088	2022	2026	2032	rBV8	8351	16110	1.52%	0.264%
32	14.161	2033	2038	2042	rVV7	8479	18477	1.74%	0.303%
33	14.277	2051	2057	2068	rVB7	28241	68717	6.49%	1.126%
34	14.442	2079	2084	2089	rVB6	17298	26734	2.52%	0.438%

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Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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35	14.704	2122	2127	2130	rVV5	6497	12183	1.15%	0.200%
36	14.753	2131	2135	2141	rVB7	7571	14676	1.39%	0.240%

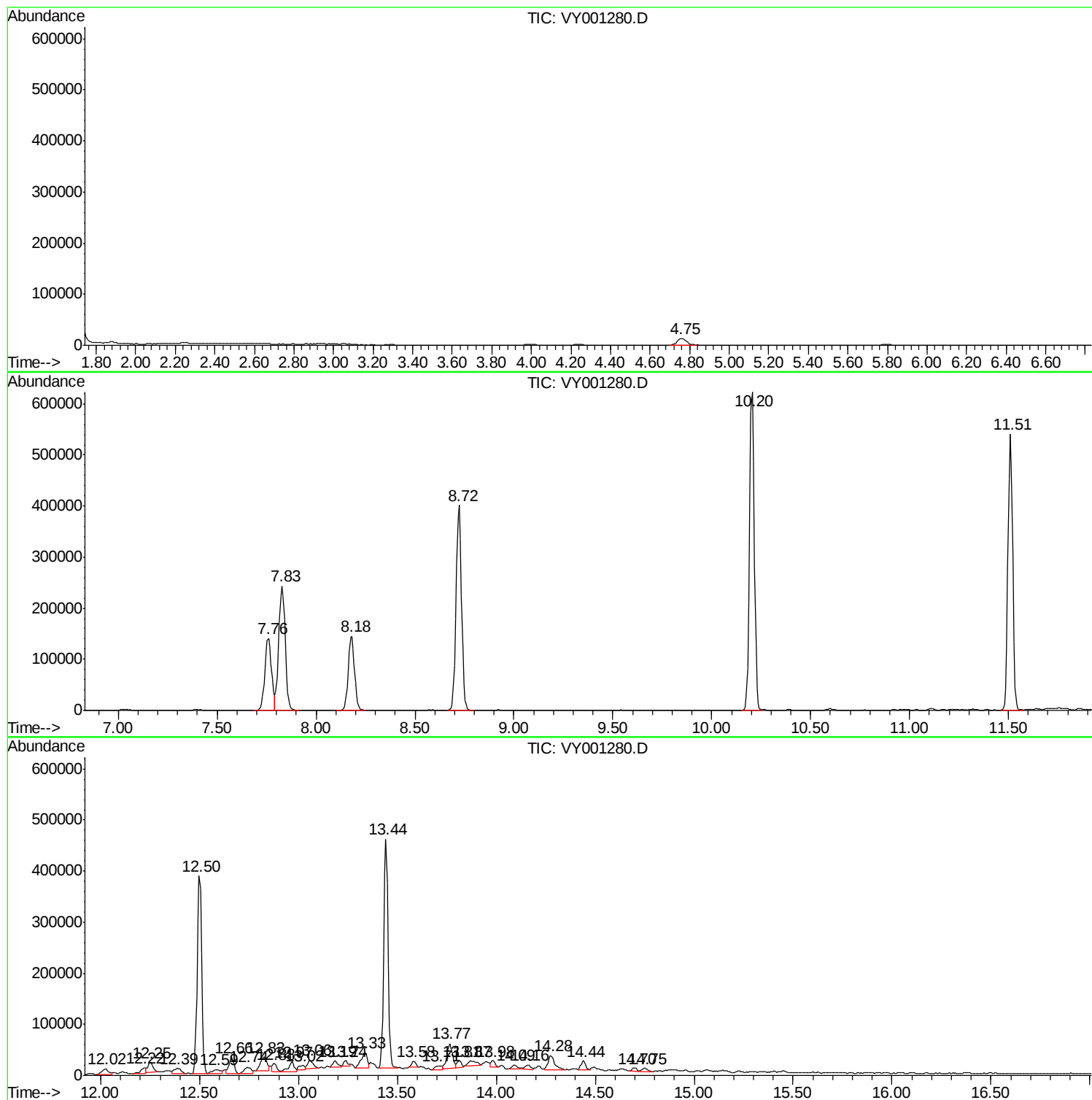
Sum of corrected areas: 6103070

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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B4-15-20

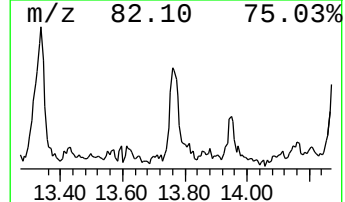
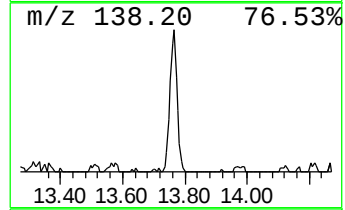
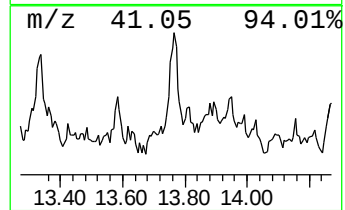
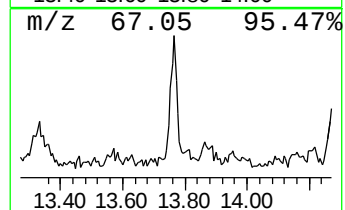
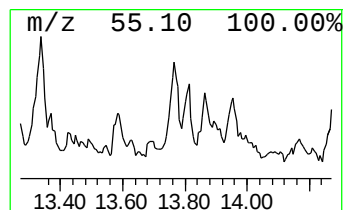
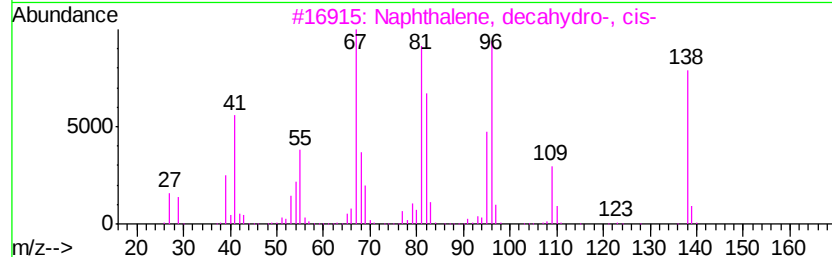
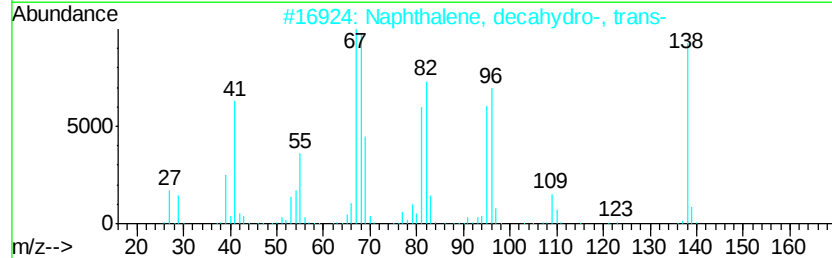
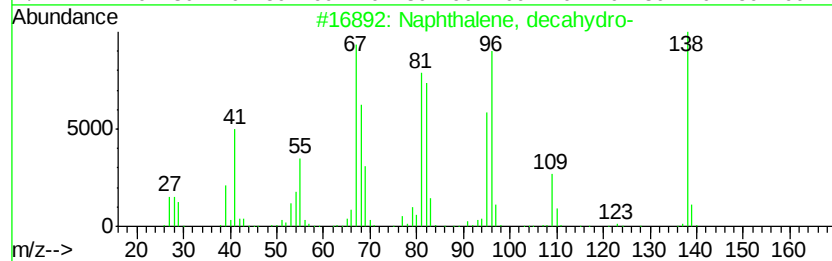
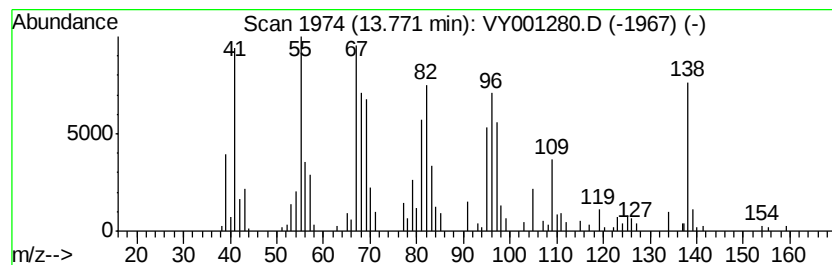
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 Naphthalene, decahydro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	6.87 ug/l	93761	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-	138	C10H18	000091-17-8	81
2		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	70
3		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	68
4		Spiro[4.5]decane	138	C10H18	000176-63-6	68
5		Cyclopentanone, 2-(2-methylpropy...	138	C9H14O	016856-72-7	49



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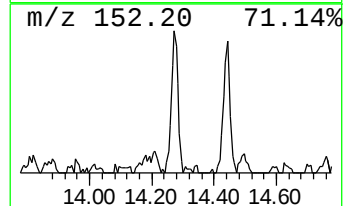
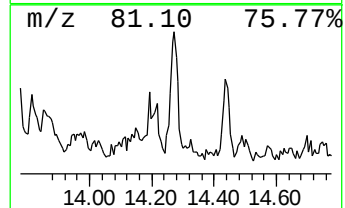
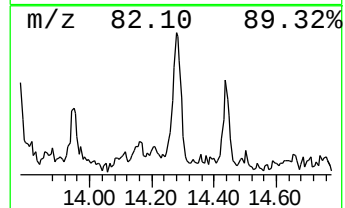
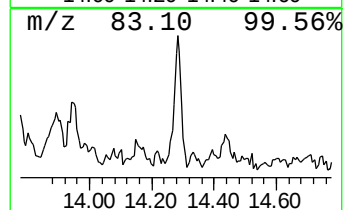
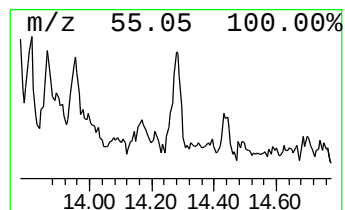
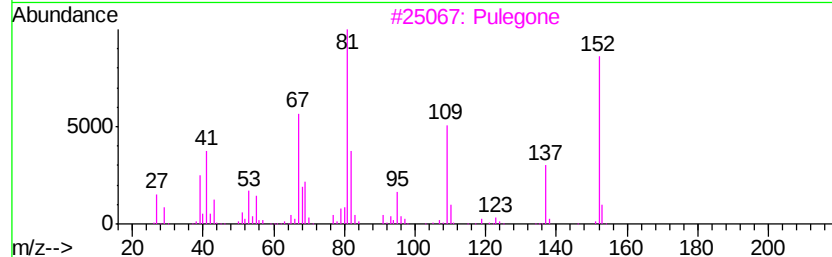
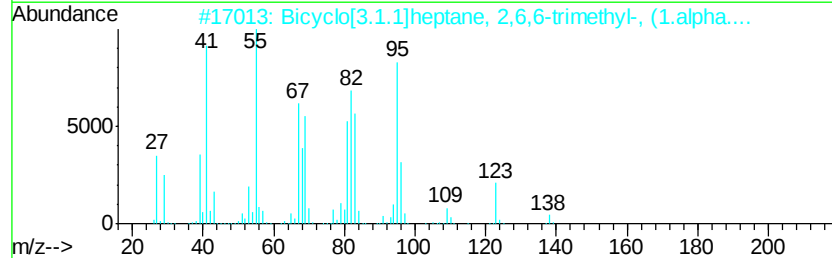
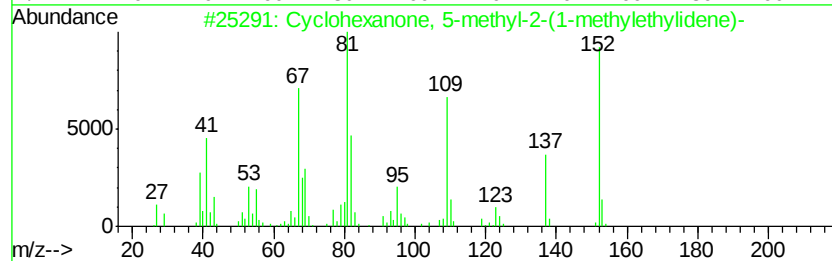
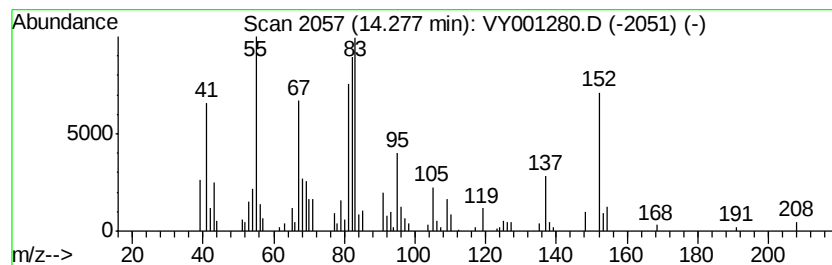
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Peak Number 2 Cyclohexanone, 5-methyl-2-(... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	5.03 ug/l	68717	1,4-Dichlorobenzene-d4	13.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexanone, 5-methyl-2-(1-met...	152 C10H16O	015932-80-6 49
2		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138 C10H18	006876-13-7 49
3		Pulegone	152 C10H16O	000089-82-7 46
4		Cyclohexanone, 2-(2-methylpropyl...	152 C10H16O	043108-69-6 46
5		Cyclohexane, 1,1'-(1-methyl-1,2-...	208 C15H28	041851-34-7 45



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, deca...	13.77	6.9	ug/l	93761	4	13.44	682858	50.0
Cyclohexanone, 5-...	14.28	5.0	ug/l	68717	4	13.44	682858	50.0