

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\VY122220\
 Data File : VY003832.D
 Acq On : 22 Dec 2020 12:07
 Operator : SY/MD
 Sample : L5175-06
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 X2T98

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 0 % 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\SFAMYL120720SMA.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.905	9	14	23	rBV	73135	103816	11.29%	0.563%
2	2.247	65	70	80	rVB2	102177	178299	19.39%	0.967%
3	2.546	115	119	123	rBV5	7076	12358	1.34%	0.067%
4	2.759	148	154	157	rBV	47603	90095	9.80%	0.489%
5	3.259	232	236	242	rVB6	1272	2201	0.24%	0.012%
6	3.521	278	279	282	rVB2	394	280	0.03%	0.002%
7	3.862	324	335	344	rBV2	138470	435914	47.41%	2.364%
8	4.100	373	374	379	rBV3	506	669	0.07%	0.004%
9	4.198	379	390	406	rVV	113766	313891	34.14%	1.702%
10	4.399	421	423	426	rBV2	226	272	0.03%	0.001%
11	4.472	433	435	439	rVB	376	324	0.04%	0.002%
12	4.557	446	449	450	rVB	258	212	0.02%	0.001%
13	4.722	462	476	496	rBV2	146015	467408	50.84%	2.534%
14	4.929	500	510	511	rBV4	1384	3164	0.34%	0.017%
15	5.124	537	542	543	rBV2	323	495	0.05%	0.003%
16	5.228	546	559	578	rVB2	131204	416050	45.25%	2.256%
17	5.429	589	592	597	rVB3	226	425	0.05%	0.002%
18	5.472	597	599	604	rVB2	224	378	0.04%	0.002%
19	5.545	607	611	612	rBV2	641	760	0.08%	0.004%
20	5.618	622	623	625	rBV	228	184	0.02%	0.001%
21	5.679	631	633	634	rVB	255	165	0.02%	0.001%
22	5.752	636	645	646	rBV4	2940	5583	0.61%	0.030%
23	5.899	667	669	671	rBV	270	204	0.02%	0.001%
24	6.021	676	689	705	rVV	39420	128942	14.02%	0.699%
25	6.271	727	730	731	rVB	412	339	0.04%	0.002%
26	6.386	747	749	751	rBV	261	199	0.02%	0.001%
27	6.417	751	754	755	rBV2	284	311	0.03%	0.002%
28	6.642	787	791	793	rBV	218	396	0.04%	0.002%
29	6.667	793	795	796	rVB2	293	171	0.02%	0.001%
30	6.807	814	818	821	rBV3	444	599	0.07%	0.003%
31	6.898	822	833	839	rBV2	35197	100386	10.92%	0.544%
32	6.990	840	848	865	rVB2	188951	522252	56.80%	2.832%
33	7.337	895	905	919	rVB	186475	472254	51.36%	2.561%
34	7.490	919	930	946	rVB3	149611	501058	54.50%	2.717%

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Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL120720SMA.M
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35	7.709	955	966	972	rBV	262431	682400	74.22%	3.700%
36	7.789	972	979	989	rVV	294011	717196	78.00%	3.889%
37	7.904	989	998	1009	rVB	100499	248018	26.97%	1.345%
38	8.118	1022	1033	1051	rVB2	283308	841587	91.53%	4.563%
39	8.234	1051	1052	1053	rBV2	461	201	0.02%	0.001%
40	8.514	1093	1098	1106	rVB5	2239	4705	0.51%	0.026%
41	8.691	1118	1127	1138	rVB	300987	589881	64.16%	3.199%
42	8.764	1138	1139	1140	rVB	456	167	0.02%	0.001%
43	8.794	1140	1144	1145	rBV2	328	326	0.04%	0.002%
44	8.813	1145	1147	1148	rBV	243	239	0.03%	0.001%
45	8.941	1159	1168	1177	rBV	368575	721936	78.52%	3.915%
46	9.124	1189	1198	1206	rVV	183372	362461	39.42%	1.965%
47	9.215	1206	1213	1222	rVV	167547	330767	35.97%	1.794%
48	9.294	1222	1226	1240	rVB	7315	15765	1.71%	0.085%
49	9.496	1251	1259	1265	rBV2	86797	170404	18.53%	0.924%
50	9.617	1277	1279	1280	rBV	349	219	0.02%	0.001%
51	9.752	1295	1301	1306	rBV3	4455	7951	0.86%	0.043%
52	9.800	1308	1309	1313	rVB3	432	324	0.04%	0.002%
53	9.892	1313	1324	1327	rBV	117314	213642	23.24%	1.158%
54	10.002	1338	1342	1347	rVB	11322	17015	1.85%	0.092%
55	10.069	1347	1353	1363	rVB	187600	309460	33.66%	1.678%
56	10.178	1363	1371	1378	rBV	415705	702884	76.45%	3.811%
57	10.331	1394	1396	1399	rVB2	325	244	0.03%	0.001%
58	10.465	1407	1418	1428	rBV2	201228	471988	51.33%	2.559%
59	10.532	1428	1429	1430	rBV	477	201	0.02%	0.001%
60	10.581	1430	1437	1442	rBV	60566	107624	11.71%	0.584%
61	10.642	1442	1447	1453	rVV	98516	168078	18.28%	0.911%
62	10.721	1453	1460	1466	rVV	287482	492077	53.52%	2.668%
63	10.788	1466	1471	1475	rVV	152567	250243	27.22%	1.357%
64	10.831	1475	1478	1492	rVB	154698	244787	26.62%	1.327%
65	10.983	1492	1503	1510	rBV	92586	174793	19.01%	0.948%
66	11.087	1515	1520	1528	rVB	94443	158785	17.27%	0.861%
67	11.270	1547	1550	1552	rBV3	726	895	0.10%	0.005%
68	11.318	1553	1558	1564	rVB3	6123	10098	1.10%	0.055%
69	11.489	1578	1586	1595	rBV	445789	724300	78.77%	3.927%
70	11.587	1595	1602	1611	rVV	326492	551023	59.93%	2.988%
71	11.654	1611	1613	1616	rVV2	518	496	0.05%	0.003%

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72	11.702	1616	1621	1626	rVB4	1483	2674	0.29%	0.014%
73	11.849	1643	1645	1646	rBV	458	276	0.03%	0.001%
74	11.910	1649	1655	1662	rVB2	20635	31489	3.42%	0.171%
75	11.959	1662	1663	1667	rVB	267	295	0.03%	0.002%
76	12.044	1670	1677	1689	rVB	445222	656479	71.40%	3.560%
77	12.141	1691	1693	1696	rBV2	367	356	0.04%	0.002%
78	12.208	1697	1704	1711	rVB	112606	187450	20.39%	1.016%
79	12.349	1717	1727	1734	rBV	178468	267295	29.07%	1.449%
80	12.489	1744	1750	1756	rBV	42934	71874	7.82%	0.390%
81	12.574	1756	1764	1773	rVB3	242784	636555	69.23%	3.452%
82	12.812	1799	1803	1806	rBV4	2457	4403	0.48%	0.024%
83	12.971	1824	1829	1834	rVB	2816	4554	0.50%	0.025%
84	13.013	1834	1836	1837	rVB2	360	240	0.03%	0.001%
85	13.117	1846	1853	1860	rBV	620359	919455	100.00%	4.986%
86	13.184	1861	1864	1869	rVB2	2400	3133	0.34%	0.017%
87	13.367	1887	1894	1898	rBV	482167	766197	83.33%	4.155%
88	13.422	1898	1903	1912	rVB	501889	775724	84.37%	4.206%
89	13.641	1937	1939	1941	rBV2	546	452	0.05%	0.002%
90	13.720	1943	1952	1960	rBV	406091	625983	68.08%	3.394%
91	13.964	1986	1992	2000	rBV	16959	26047	2.83%	0.141%
92	14.159	2023	2024	2027	rBV2	413	415	0.05%	0.002%
93	14.354	2050	2056	2062	rBV	116085	182035	19.80%	0.987%
94	14.482	2073	2077	2086	rVB7	2094	4519	0.49%	0.025%
95	14.671	2107	2108	2109	rBV	496	207	0.02%	0.001%
96	14.726	2116	2117	2119	rBV2	441	214	0.02%	0.001%
97	15.007	2161	2163	2167	rVB4	1487	1397	0.15%	0.008%
98	15.318	2209	2214	2218	rVB3	4175	6667	0.73%	0.036%
99	15.421	2224	2231	2238	rVB	119368	211716	23.03%	1.148%
100	16.665	2433	2435	2437	rBV2	932	681	0.07%	0.004%

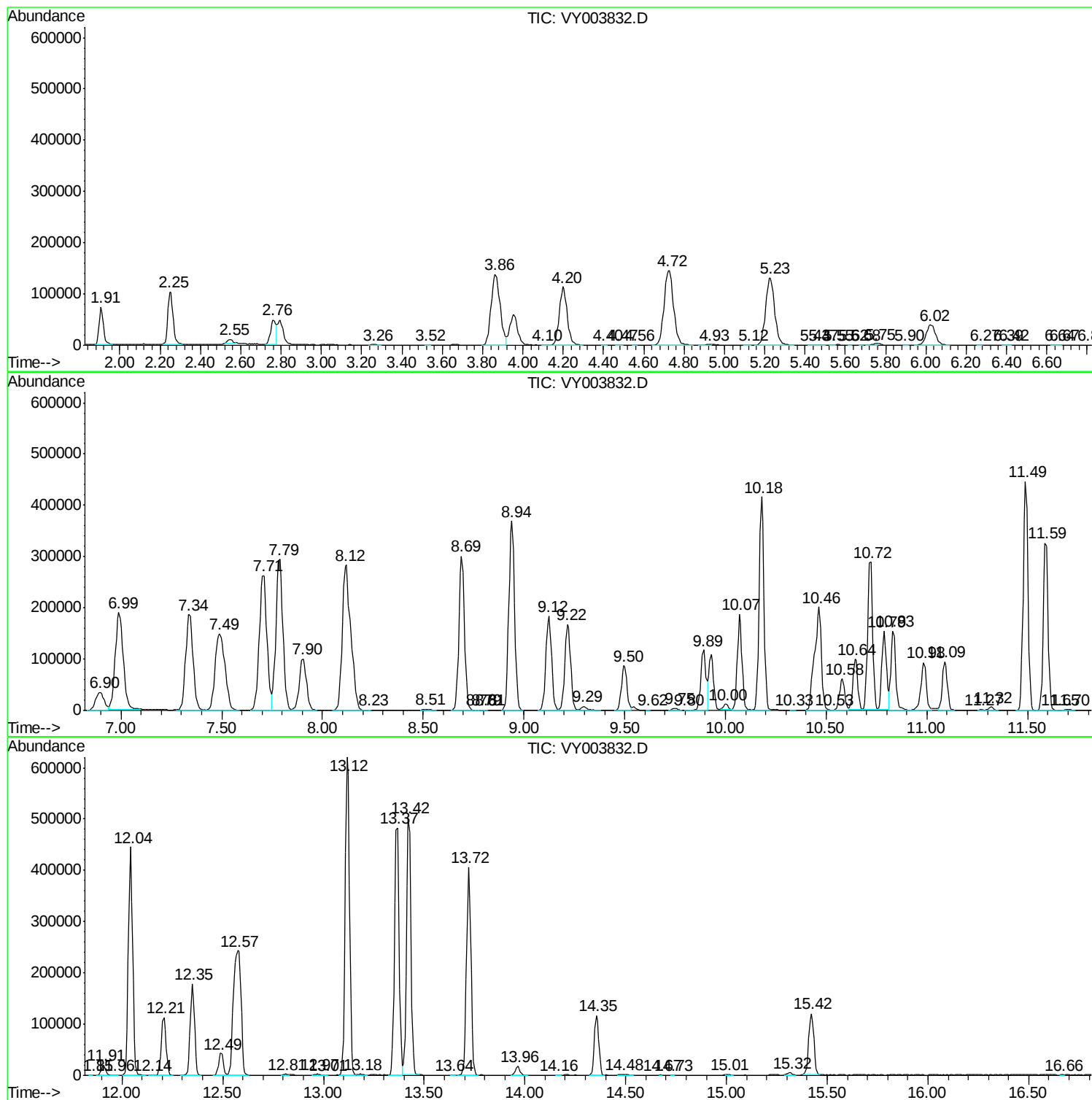
Sum of corrected areas: 18442016

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL120720SMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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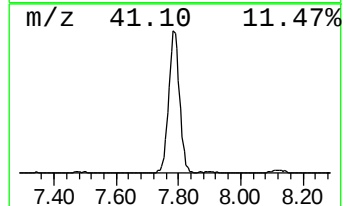
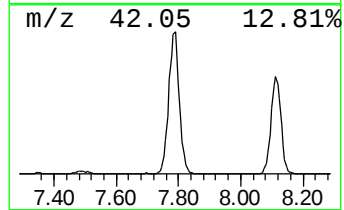
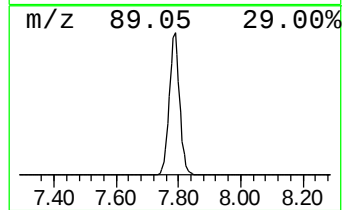
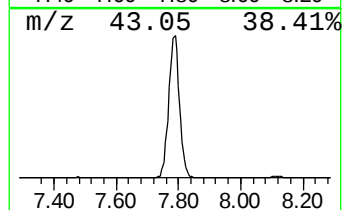
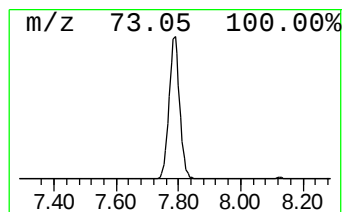
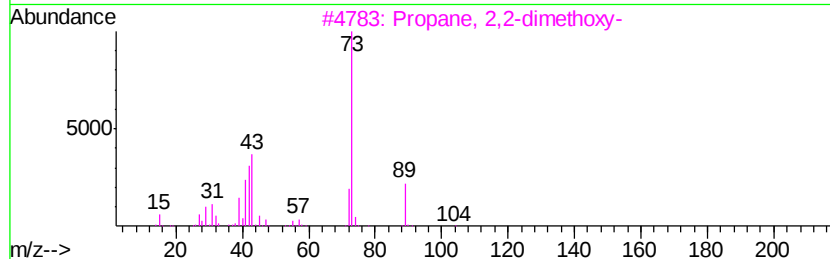
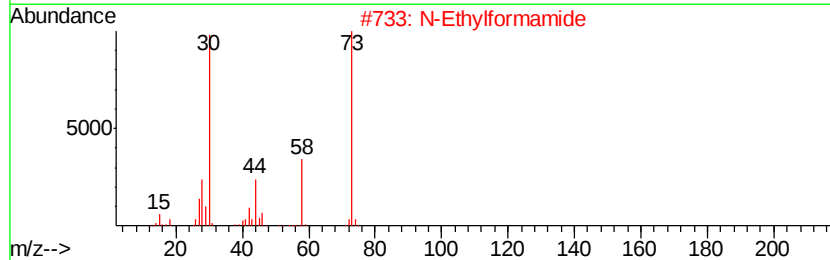
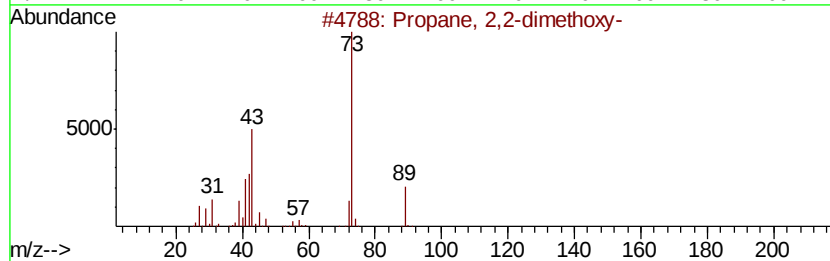
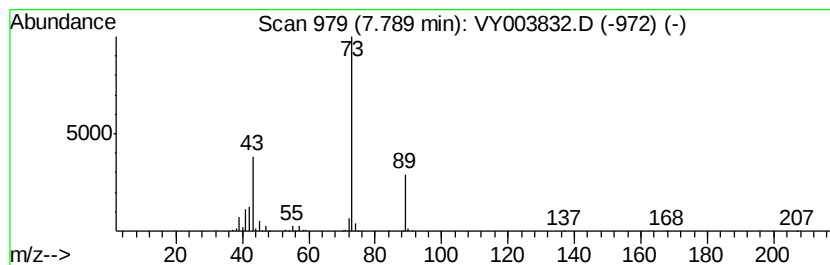
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL120720SMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	30.40 ug/L	717196	1,4-Difluorobenzene	8.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2		N-Ethylformamide	73	C3H7NO	000627-45-2	38
3		Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	28
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		1,3-Dioxolane, 2-(6-heptynyl)-	168	C10H16O2	025595-82-8	5



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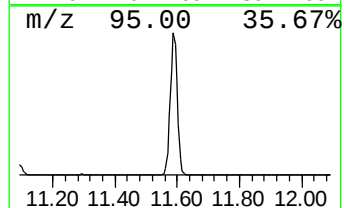
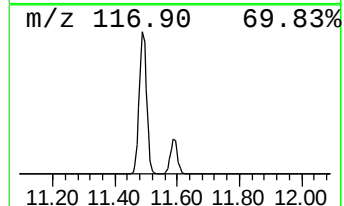
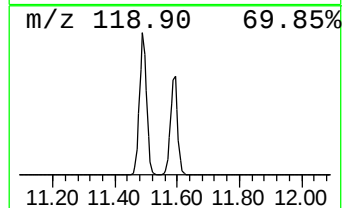
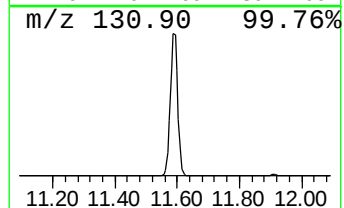
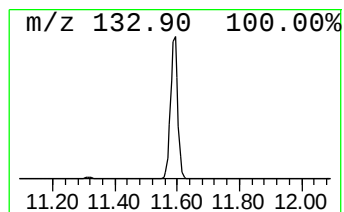
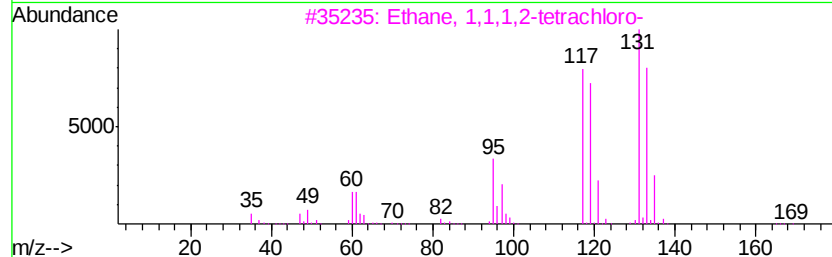
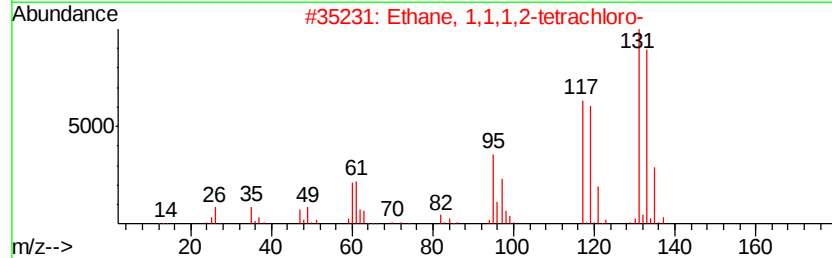
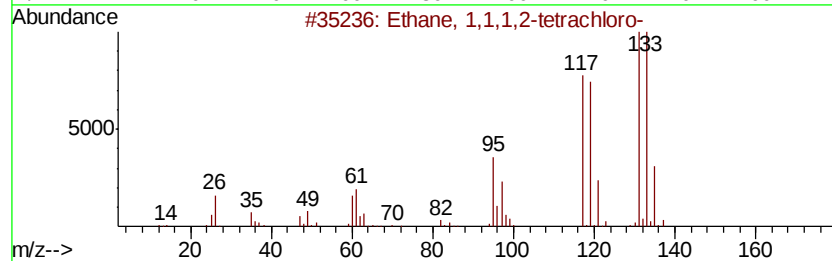
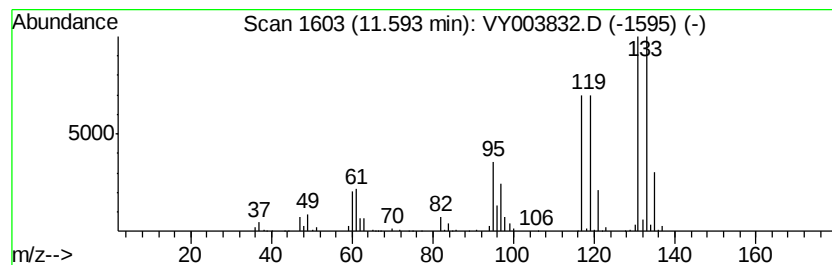
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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

Peak Number 3 Ethane, 1,1,1,2-tetrachloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.59	19.02 ug/L	551023	Chlorobenzene-d5	11.49		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	91	
2	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	91	
3	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	91	
4	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	72	
5	Carbon Tetrachloride	152	CCl4	000056-23-5	10	



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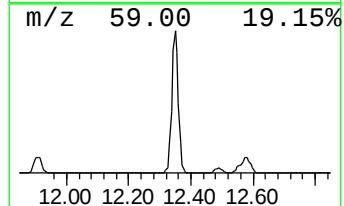
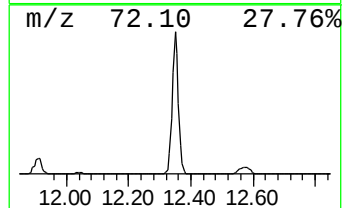
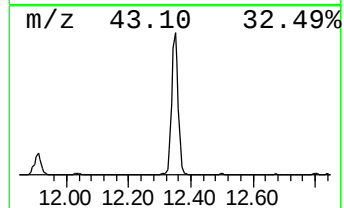
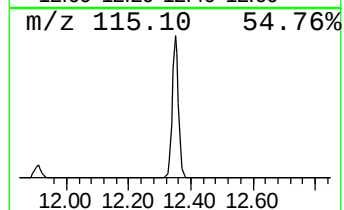
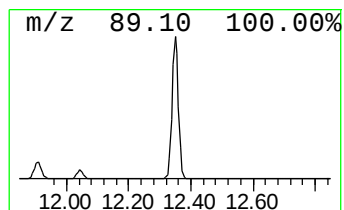
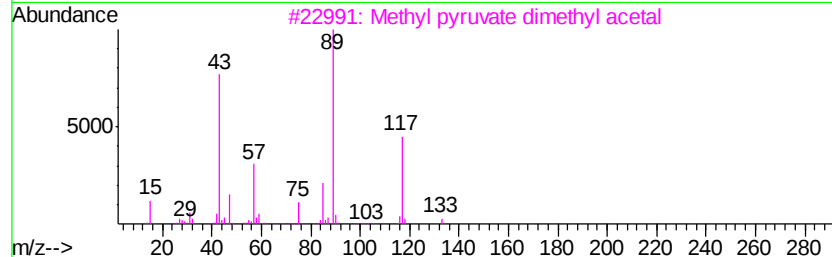
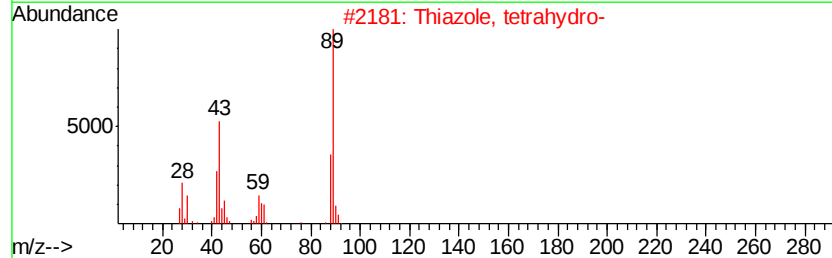
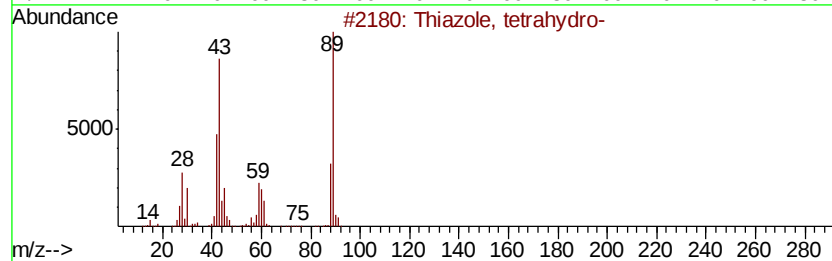
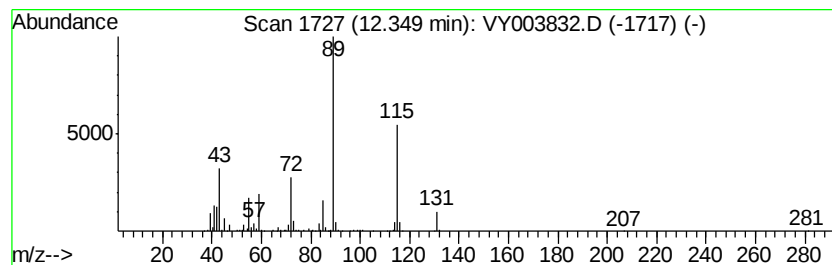
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Peak Number 4 Thiazole, tetrahydro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.35	9.23 ug/L	267295	Chlorobenzene-d5	11.49		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Thiazole, tetrahydro-	89	C3H7NS	000504-78-9	59
2		Thiazole, tetrahydro-	89	C3H7NS	000504-78-9	38
3		Methyl pyruvate dimethyl acetal	148	C6H12O4	010076-48-9	38
4		Methyl trans-3-chloropropenoate	120	C4H5ClO2	1000144-78-8	9
5		Tricyclo[5.2.2.0(2,6)]undecan-11...	352	C18H24O7	1000155-17-7	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122220\
Data File : VY003832.D
Acq On : 22 Dec 2020 12:07
Operator : SY/MD
Sample : L5175-06
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
X2T98

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM120720SMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	7.79	30.4	ug/L	717196	1	8.69	589881	25.0
Ethane, 1,1,1,2-t...	11.59	19.0	ug/L	551023	2	11.49	724300	25.0
Thiazole, tetrahy...	12.35	9.2	ug/L	267295	2	11.49	724300	25.0