

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006973.D
 Acq On : 06 Dec 2021 19:53
 Operator : SY/MD
 Sample : M4887-21
 Misc : 3.22g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EX8D3

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % 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\SFAMYL120321SMA.M
 Title : VOC Analysis

Signal : TIC: VY006973.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.241	64	69	81	rVB	40418	74289	23.75%	2.975%
2	2.497	108	111	112	rBV2	1474	1778	0.57%	0.071%
3	2.534	112	117	125	rVB	11029	24610	7.87%	0.985%
4	2.692	139	143	147	rVB	2083	3293	1.05%	0.132%
5	2.765	148	155	166	rVB2	23144	56118	17.94%	2.247%
6	3.168	215	221	225	rBV5	529	1186	0.38%	0.047%
7	3.247	227	234	244	rVB5	2910	6637	2.12%	0.266%
8	3.369	245	254	269	rBV2	28166	80606	25.77%	3.227%
9	3.759	316	318	322	rBV3	455	456	0.15%	0.018%
10	3.851	322	333	343	rBV2	41041	125715	40.19%	5.034%
11	4.027	353	362	381	rVB	109670	303709	97.10%	12.160%
12	4.186	384	388	389	rBV3	1306	1634	0.52%	0.065%
13	4.369	415	418	419	rBV3	319	276	0.09%	0.011%
14	4.460	427	433	435	rBV5	2066	3535	1.13%	0.142%
15	4.710	463	474	492	rVB3	12721	44687	14.29%	1.789%
16	4.911	504	507	508	rBV2	335	292	0.09%	0.012%
17	5.545	608	611	613	rBV2	369	386	0.12%	0.015%
18	5.740	635	643	644	rBV4	2045	3785	1.21%	0.152%
19	6.076	695	698	699	rBV2	247	296	0.09%	0.012%
20	6.192	710	717	718	rBV2	955	1490	0.48%	0.060%
21	6.240	723	725	730	rVV4	279	363	0.12%	0.015%
22	6.576	776	780	785	rBV3	283	436	0.14%	0.017%
23	6.881	823	830	831	rBV3	1613	2207	0.71%	0.088%
24	6.972	835	845	859	rVB3	10208	34268	10.96%	1.372%
25	7.222	883	886	887	rBV	244	285	0.09%	0.011%
26	7.271	892	894	896	rVV2	361	388	0.12%	0.016%
27	7.295	896	898	901	rVV2	770	807	0.26%	0.032%
28	7.326	901	903	909	rVV5	448	653	0.21%	0.026%
29	7.399	911	915	917	rVB3	293	315	0.10%	0.013%
30	7.472	917	927	940	rBV	49381	118551	37.90%	4.747%
31	7.588	943	946	948	rVB2	344	359	0.11%	0.014%
32	7.752	971	973	975	rBV	238	315	0.10%	0.013%
33	7.972	1007	1009	1012	rBV2	258	287	0.09%	0.011%
34	8.112	1021	1032	1045	rVV3	105408	312795	100.00%	12.524%
35	8.228	1045	1051	1061	rVB3	5428	12293	3.93%	0.492%
36	8.405	1075	1080	1081	rVV4	503	610	0.20%	0.024%

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37	8.533	1099	1101	1103	rVV2	371	438	0.14%	0.018%
38	8.557	1103	1105	1111	rVB2	610	559	0.18%	0.022%
39	8.612	1111	1114	1118	rVB2	367	543	0.17%	0.022%
40	8.685	1118	1126	1135	rBV	81390	158831	50.78%	6.360%
41	8.758	1135	1138	1144	rVB3	308	581	0.19%	0.023%
42	8.886	1154	1159	1161	rBV3	864	1358	0.43%	0.054%
43	8.935	1161	1167	1173	rVB3	5942	11338	3.62%	0.454%
44	9.118	1186	1197	1207	rBV	80641	164407	52.56%	6.583%
45	9.496	1257	1259	1265	rVV2	486	607	0.19%	0.024%
46	9.801	1306	1309	1311	rVB3	259	279	0.09%	0.011%
47	9.825	1311	1313	1316	rBV3	347	408	0.13%	0.016%
48	9.886	1317	1323	1330	rVB2	12631	22231	7.11%	0.890%
49	9.984	1332	1339	1349	rVV	36131	83960	26.84%	3.362%
50	10.069	1349	1353	1357	rVV5	1004	1734	0.55%	0.069%
51	10.179	1359	1371	1377	rVV	131387	230365	73.65%	9.224%
52	10.240	1377	1381	1387	rVB	9289	13953	4.46%	0.559%
53	10.362	1397	1401	1405	rBV3	1543	2829	0.90%	0.113%
54	10.435	1408	1413	1422	rVB	9976	15655	5.00%	0.627%
55	10.496	1422	1423	1429	rVB3	325	479	0.15%	0.019%
56	10.575	1429	1436	1444	rBV	14335	24567	7.85%	0.984%
57	10.715	1451	1459	1464	rBV5	1669	2385	0.76%	0.095%
58	10.813	1465	1475	1483	rVV4	7694	19490	6.23%	0.780%
59	10.947	1491	1497	1508	rVV	17758	32514	10.39%	1.302%
60	11.051	1512	1514	1516	rVB	447	328	0.10%	0.013%
61	11.105	1520	1523	1525	rBV2	244	309	0.10%	0.012%
62	11.313	1551	1557	1566	rBV2	11309	18951	6.06%	0.759%
63	11.392	1568	1570	1574	rVB2	253	329	0.11%	0.013%
64	11.428	1574	1576	1579	rBV2	333	368	0.12%	0.015%
65	11.489	1579	1586	1594	rVB	93678	153279	49.00%	6.137%
66	11.593	1594	1603	1609	rBV2	2429	4287	1.37%	0.172%
67	11.697	1614	1620	1626	rVV3	10616	19910	6.37%	0.797%
68	12.026	1669	1674	1682	rBV2	5331	8510	2.72%	0.341%
69	12.105	1685	1687	1691	rVB2	426	546	0.17%	0.022%
70	12.233	1704	1708	1712	rVB3	837	1038	0.33%	0.042%
71	12.392	1732	1734	1737	rVB3	317	394	0.13%	0.016%
72	12.489	1740	1750	1756	rBV	34042	58240	18.62%	2.332%
73	12.556	1756	1761	1768	rVV	41908	67135	21.46%	2.688%
74	12.617	1769	1771	1777	rVB3	462	677	0.22%	0.027%
75	12.818	1799	1804	1810	rVB3	3924	6262	2.00%	0.251%
76	12.873	1810	1813	1815	rBV	319	372	0.12%	0.015%

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77	13.068	1840	1845	1850	rVB3	4177	6324	2.02%	0.253%
78	13.178	1859	1863	1868	rBV2	3183	4034	1.29%	0.162%
79	13.282	1875	1880	1883	rBV3	881	1394	0.45%	0.056%
80	13.422	1897	1903	1911	rBV	33552	53031	16.95%	2.123%
81	13.617	1933	1935	1936	rVV	428	423	0.14%	0.017%
82	13.635	1936	1938	1943	rVV3	1278	1795	0.57%	0.072%
83	13.721	1946	1952	1962	rVB	32270	52632	16.83%	2.107%
84	13.806	1962	1966	1969	rBV3	383	786	0.25%	0.031%
85	13.885	1975	1979	1985	rBV3	397	963	0.31%	0.039%
86	13.959	1985	1991	1998	rBV2	7216	12155	3.89%	0.487%
87	14.087	2011	2012	2015	rVB2	646	350	0.11%	0.014%
88	14.190	2024	2029	2033	rBV5	435	799	0.26%	0.032%
89	14.227	2033	2035	2037	rBV2	506	406	0.13%	0.016%
90	14.263	2037	2041	2044	rBV4	667	824	0.26%	0.033%
91	14.410	2063	2065	2067	rVB2	500	335	0.11%	0.013%
92	14.580	2092	2093	2095	rBV2	624	524	0.17%	0.021%
93	14.769	2122	2124	2125	rBV	339	293	0.09%	0.012%
94	15.092	2175	2177	2180	rBV3	539	488	0.16%	0.020%
95	15.312	2211	2213	2220	rVB4	1382	2265	0.72%	0.091%
96	15.385	2220	2225	2230	rBV3	2884	5523	1.77%	0.221%
97	15.470	2237	2239	2240	rBV2	570	493	0.16%	0.020%
98	15.550	2250	2252	2255	rBV4	609	612	0.20%	0.025%
99	16.025	2328	2330	2332	rBV3	782	563	0.18%	0.023%
100	16.781	2452	2454	2455	rBV2	651	353	0.11%	0.014%

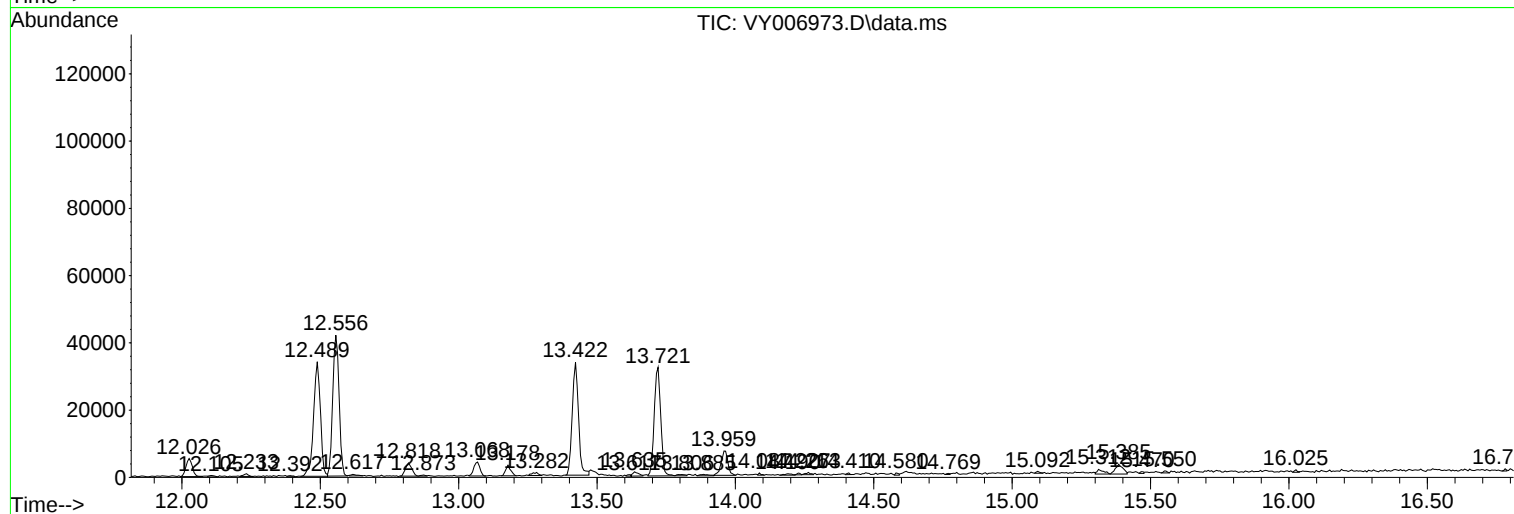
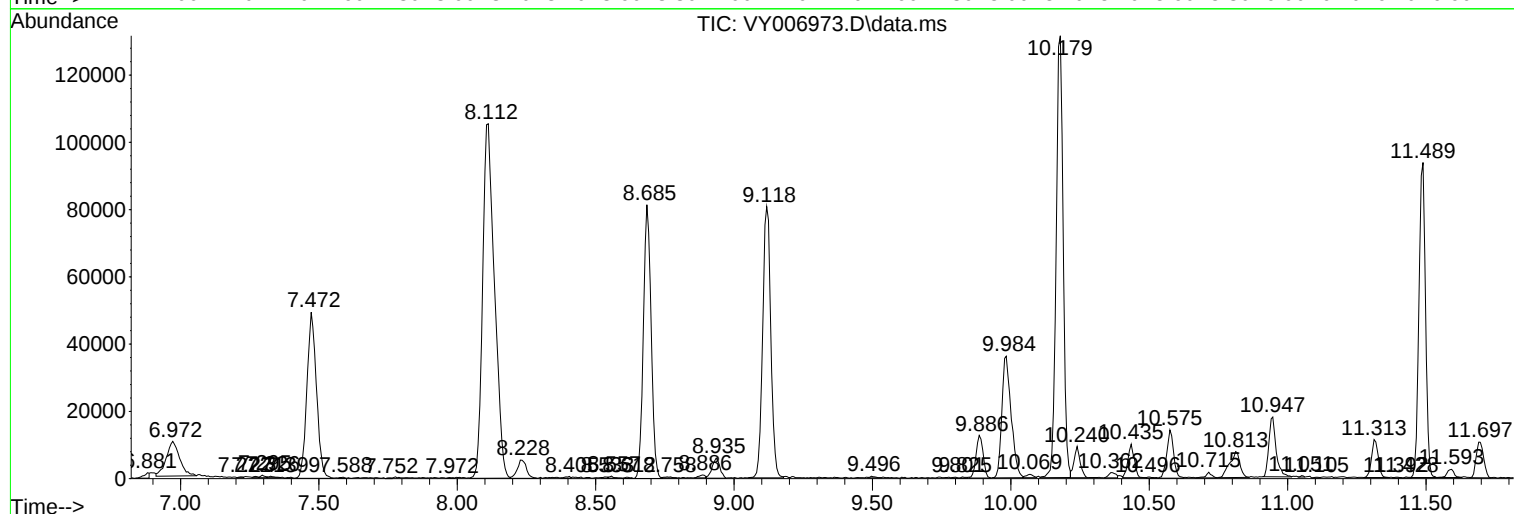
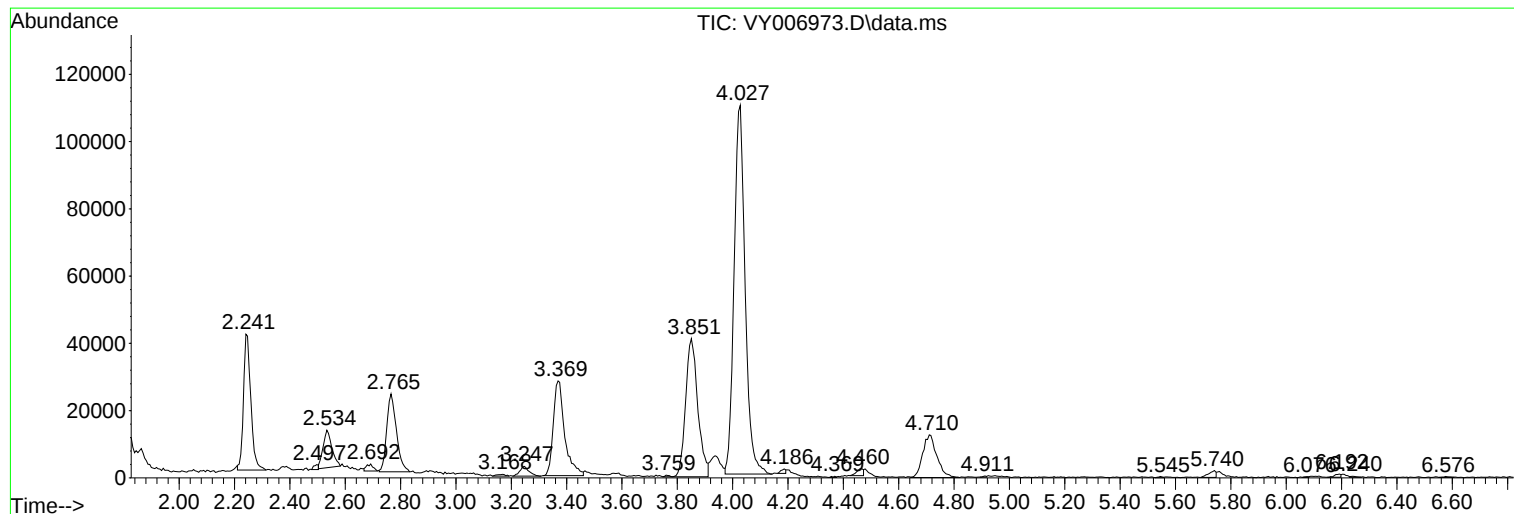
Sum of corrected areas: 2497521

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MSVOA_Y
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EX8D3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMLYM120321SMA.M
Quant Title : VOC Analysis

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



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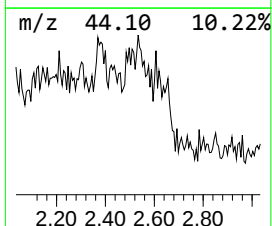
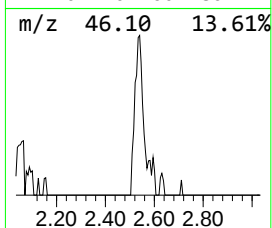
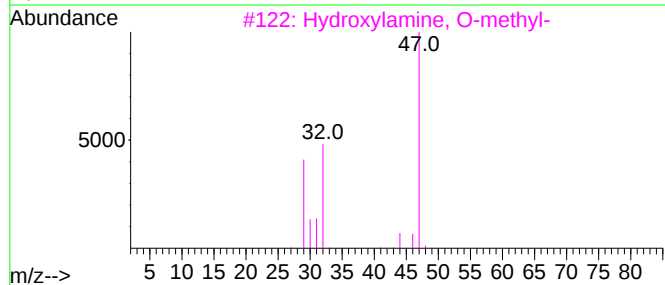
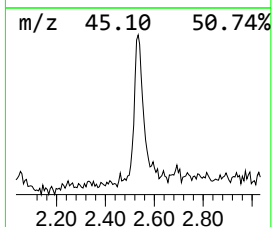
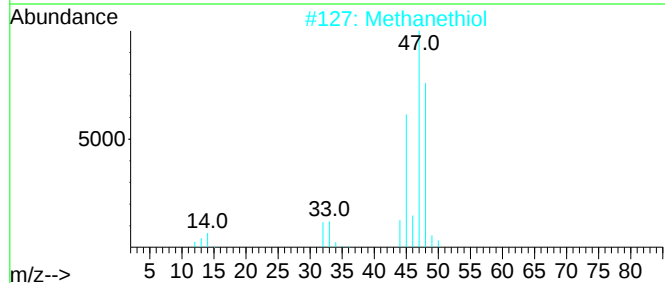
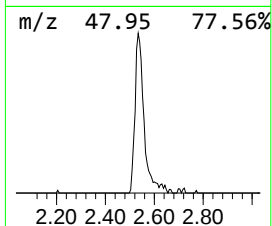
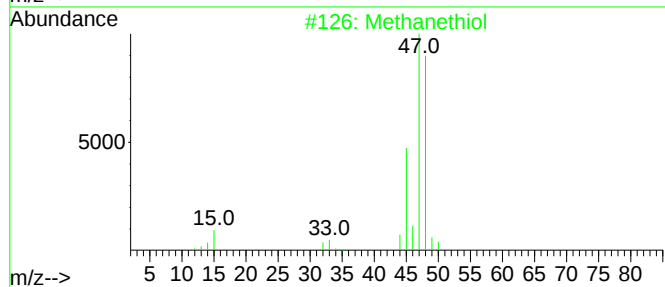
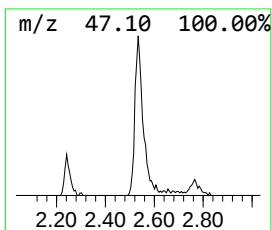
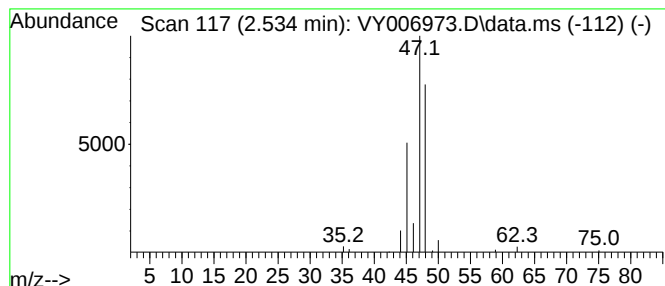
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Methanethiol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.534	3.87 ug/L	24610	1,4-Difluorobenzene	8.685

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methanethiol	48	CH4S	000074-93-1	90
2			Methanethiol	48	CH4S	000074-93-1	90
3			Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	7
4			Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	7
5			Ethanol	46	C2H6O	000064-17-5	4



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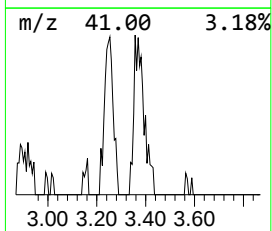
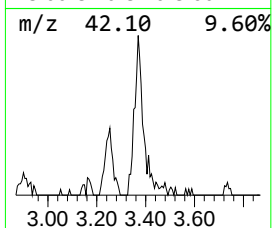
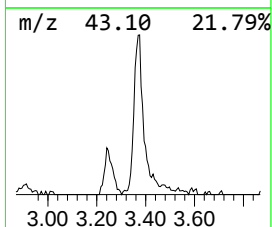
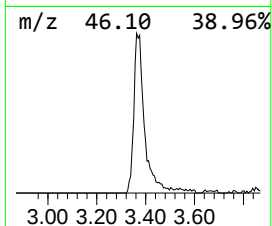
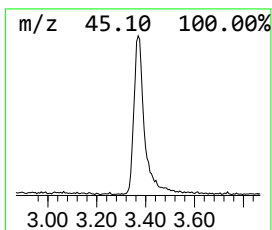
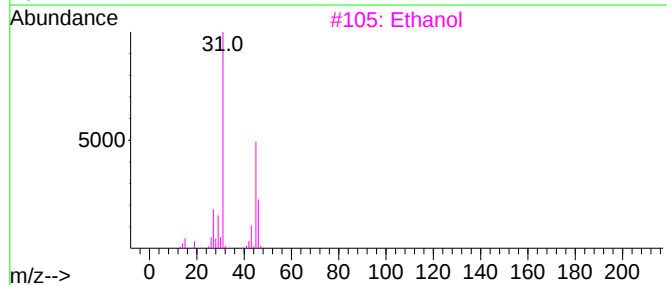
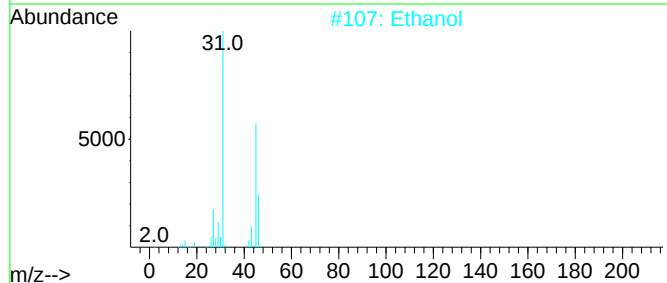
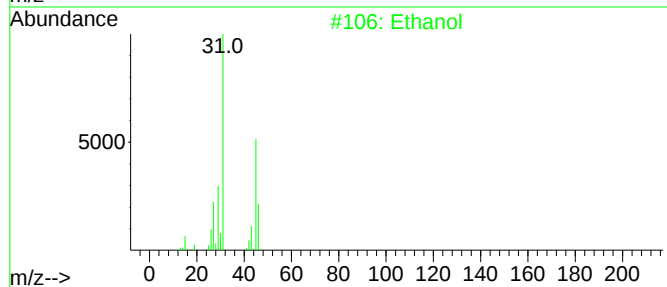
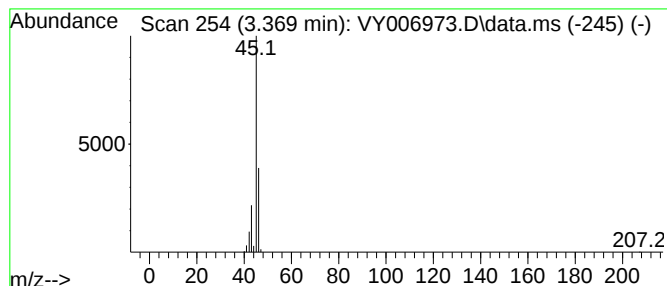
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Ethanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.369	12.69 ug/L	80606	1,4-Difluorobenzene	8.685

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol			46	C2H6O	000064-17-5	90
2	Ethanol			46	C2H6O	000064-17-5	74
3	Ethanol			46	C2H6O	000064-17-5	64
4	Ethanol			46	C2H6O	000064-17-5	9
5	Dimethyl ether			46	C2H6O	000115-10-6	9



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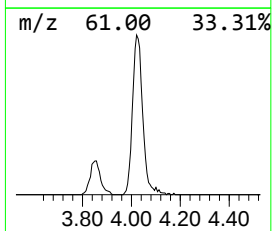
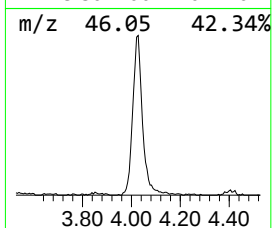
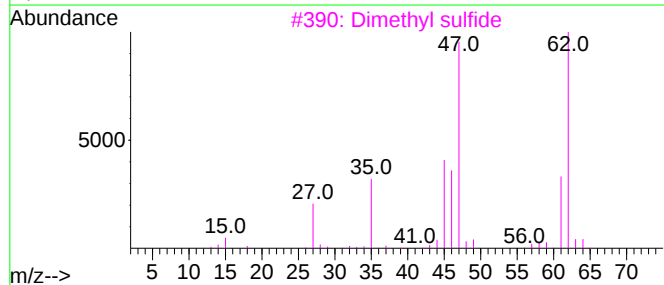
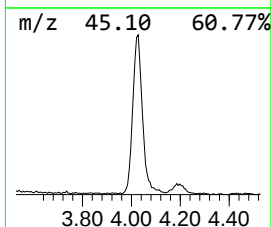
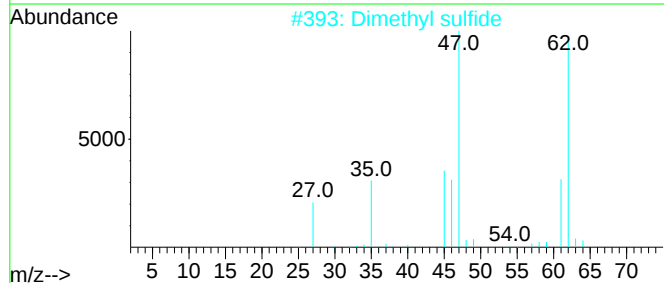
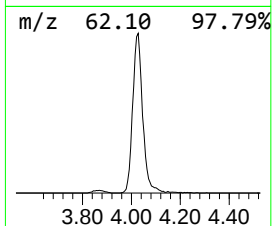
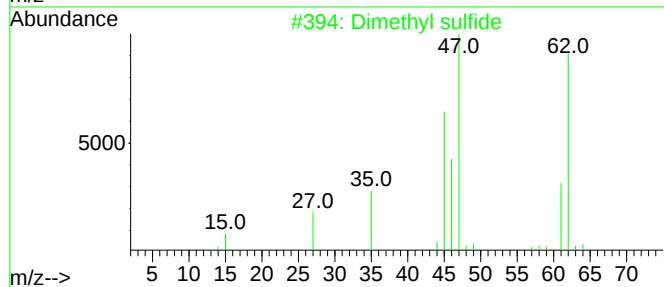
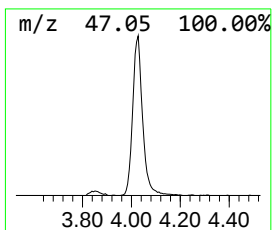
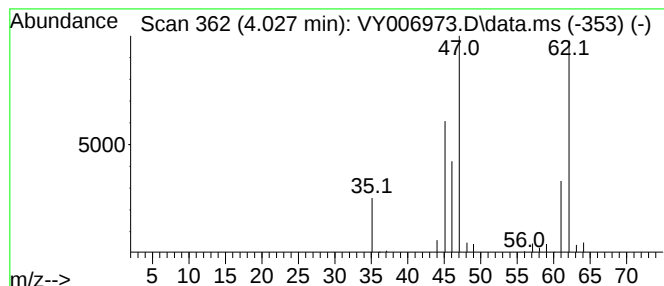
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Dimethyl sulfide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.027	47.80 ug/L	303709	1,4-Difluorobenzene	8.685

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dimethyl sulfide	62	C2H6S	000075-18-3	97
2			Dimethyl sulfide	62	C2H6S	000075-18-3	96
3			Dimethyl sulfide	62	C2H6S	000075-18-3	95
4			Dimethyl sulfide	62	C2H6S	000075-18-3	91
5			Dimethyl sulfide	62	C2H6S	000075-18-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
Data File : VY006973.D
Acq On : 06 Dec 2021 19:53
Operator : SY/MD
Sample : M4887-21
Misc : 3.22g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EX8D3

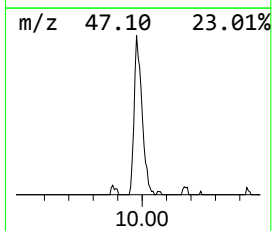
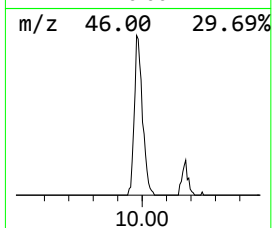
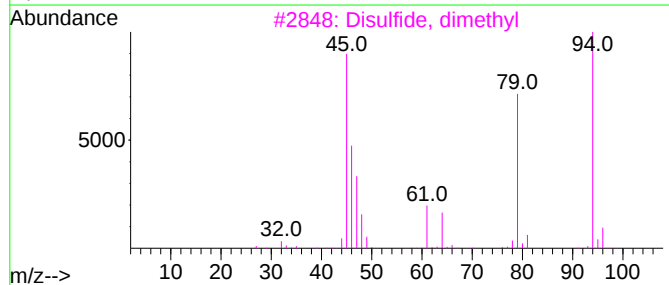
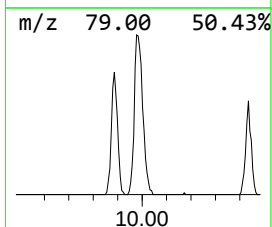
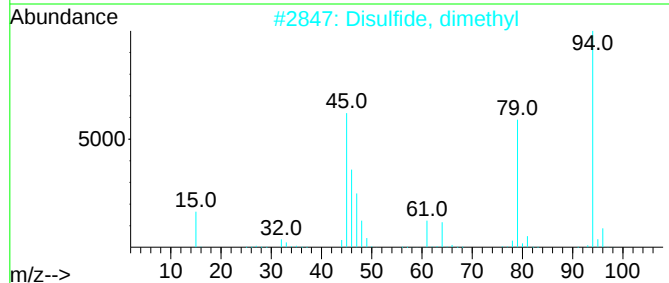
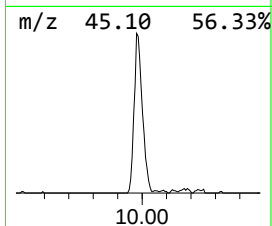
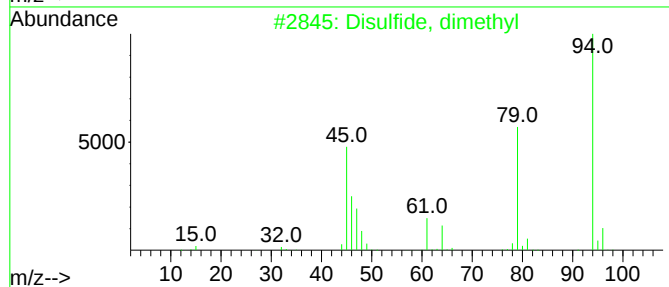
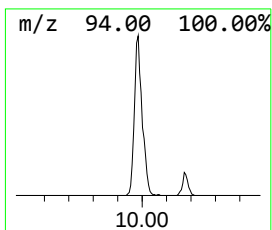
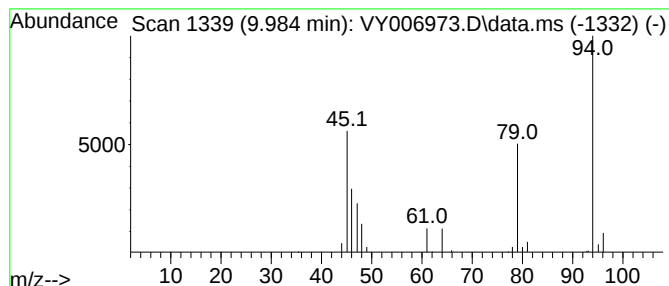
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Quant Title : VOC Analysis

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

Peak Number 6 Disulfide, dimethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.984	13.22 ug/L	83960	1,4-Difluorobenzene	8.685

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Disulfide, dimethyl	94	C2H6S2	000624-92-0	96
2			Disulfide, dimethyl	94	C2H6S2	000624-92-0	96
3			Disulfide, dimethyl	94	C2H6S2	000624-92-0	95
4			Disulfide, dimethyl	94	C2H6S2	000624-92-0	95
5			Disulfide, dimethyl	94	C2H6S2	000624-92-0	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
Data File : VY006973.D
Acq On : 06 Dec 2021 19:53
Operator : SY/MD
Sample : M4887-21
Misc : 3.22g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EX8D3

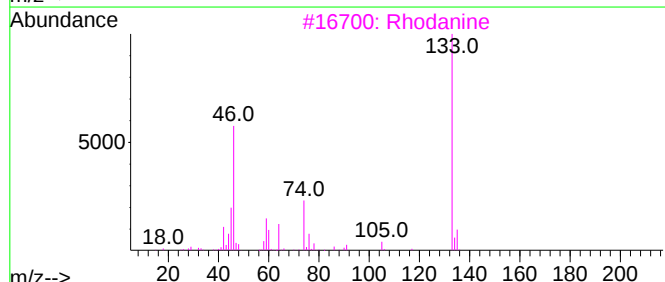
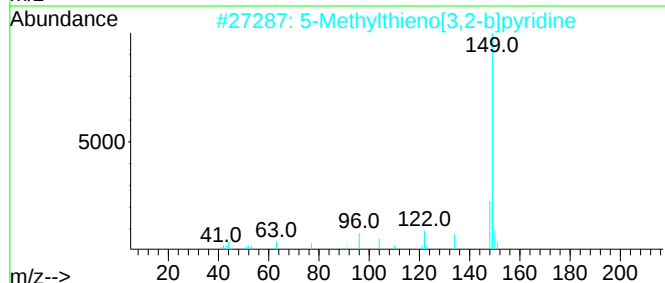
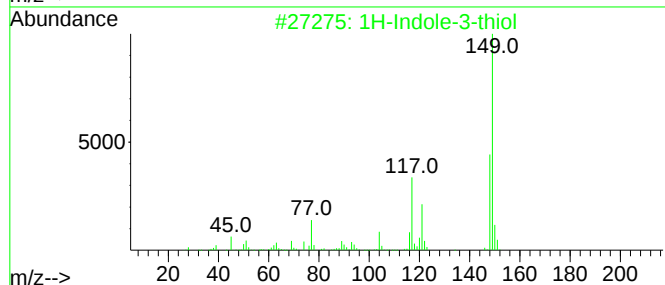
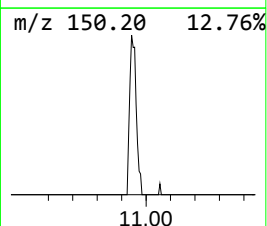
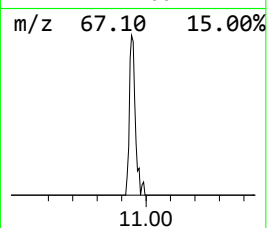
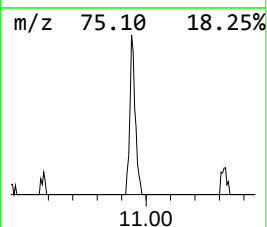
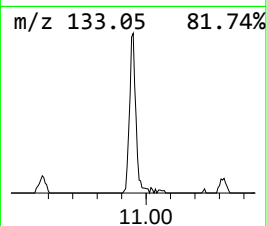
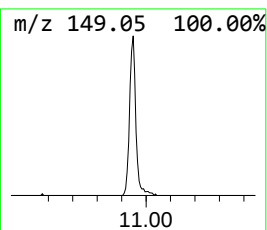
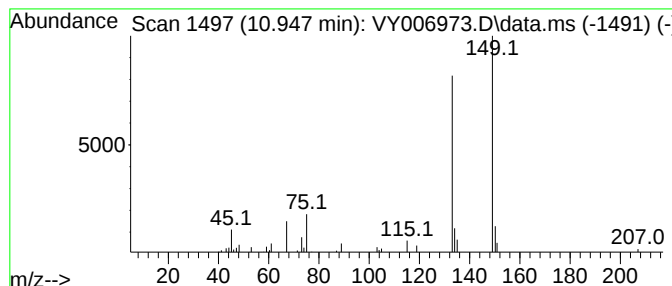
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Quant Title : VOC Analysis

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

Peak Number 8 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.947	5.30 ug/L	32514	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indole-3-thiol	149	C8H7NS	000480-94-4	35
2			5-Methylthieno[3,2-b]pyridine	149	C8H7NS	001759-29-1	32
3			Rhodanine	133	C3H3NOS2	000141-84-4	27
4			1,2,4-Triazole, 3,5-dithioxo-	133	C2H3N3S2	005650-03-3	27
5			m-Tolyl isothiocyanate	149	C8H7NS	000621-30-7	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
Data File : VY006973.D
Acq On : 06 Dec 2021 19:53
Operator : SY/MD
Sample : M4887-21
Misc : 3.22g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EX8D3

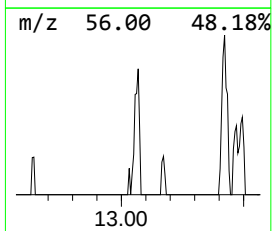
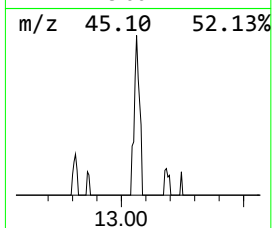
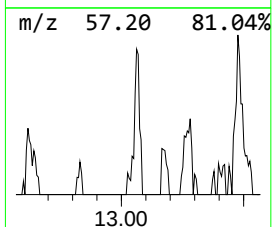
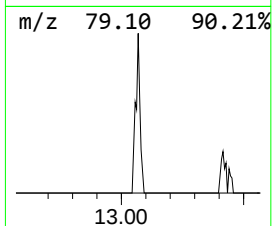
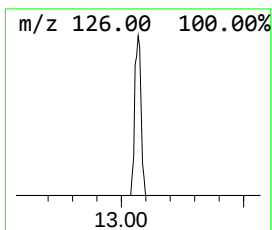
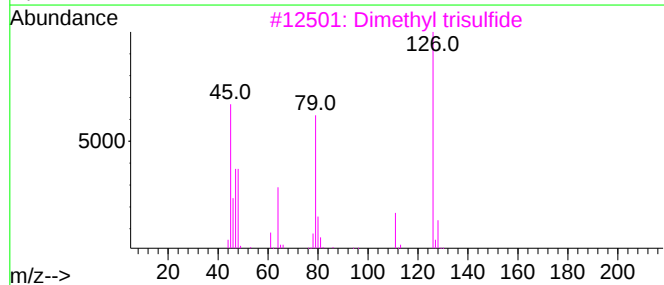
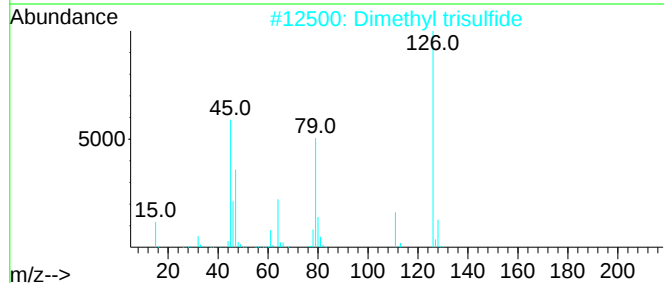
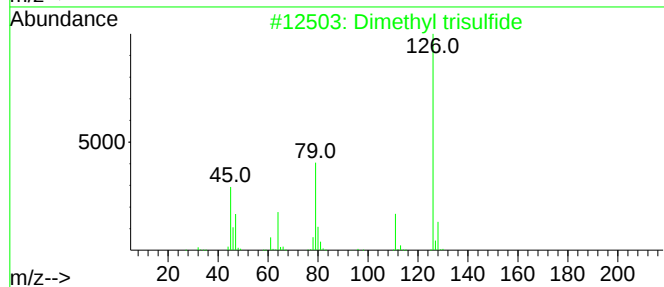
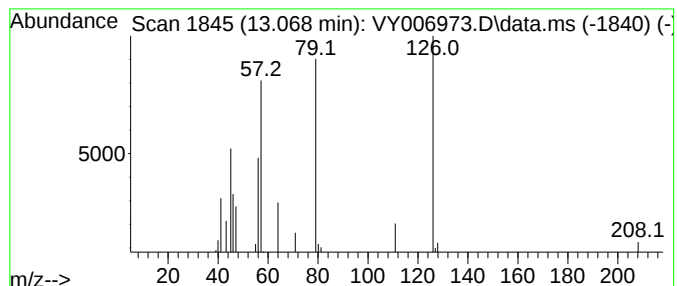
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.M
Quant Title : VOC Analysis

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

Peak Number 12 Dimethyl trisulfide Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.068	2.98 ug/L	6324	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dimethyl trisulfide	126	C2H6S3	003658-80-8	74
2			Dimethyl trisulfide	126	C2H6S3	003658-80-8	72
3			Dimethyl trisulfide	126	C2H6S3	003658-80-8	72
4			Dimethyl trisulfide	126	C2H6S3	003658-80-8	47
5			2-Cyclopenten-1-one, 3-ethyl-2-h...	126	C7H10O2	021835-01-8	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
Data File : VY006973.D
Acq On : 06 Dec 2021 19:53
Operator : SY/MD
Sample : M4887-21
Misc : 3.22g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EX8D3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.M
Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Methanethiol	2.534	3.9	ug/L	24610	1	8.685	158831	25.0
Ethanol	3.369	12.7	ug/L	80606	1	8.685	158831	25.0
Dimethyl sulfide	4.027	47.8	ug/L	303709	1	8.685	158831	25.0
Disulfide, dime...	9.984	13.2	ug/L	83960	1	8.685	158831	25.0
unknown-01	10.947	5.3	ug/L	32514	2	11.490	153279	25.0
Dimethyl trisul...	13.068	3.0	ug/L	6324	3	13.422	53031	25.0