

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091224\
 Data File : VV037260.D
 Acq On : 12 Sep 2024 11:47
 Operator : SY/MD
 Sample : P3808-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 X0B25

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_V\Method\SFAMVLM082624WMA.M
 Title : VOC Analysis

Signal : TIC: VV037260.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.179	38	43	52	rBV2	5752	12451	0.17%	0.013%
2	1.217	52	55	59	rBV4	3005	2679	0.04%	0.003%
3	1.281	67	75	91	rVB	414715	446717	5.98%	0.477%
4	1.420	110	118	122	rBV8	7650	11570	0.15%	0.012%
5	1.490	137	140	143	rBV4	2005	1395	0.02%	0.001%
6	1.535	146	154	171	rVB	338674	405647	5.43%	0.433%
7	1.715	200	210	231	rBV	1299303	1733535	23.21%	1.852%
8	2.011	300	302	306	rBV5	2246	1658	0.02%	0.002%
9	2.066	307	319	328	rVV3	1063676	1792254	23.99%	1.915%
10	2.114	328	334	358	rVB	220020	366760	4.91%	0.392%
11	2.342	402	405	406	rBV3	2792	1727	0.02%	0.002%
12	2.445	426	437	454	rBV	633638	1018279	13.63%	1.088%
13	2.616	488	490	494	rBV5	2226	1766	0.02%	0.002%
14	2.703	502	517	542	rBV2	1265398	2817758	37.72%	3.010%
15	3.108	630	643	664	rVB	203784	430860	5.77%	0.460%
16	3.635	799	807	810	rBV6	6589	10108	0.14%	0.011%
17	3.796	848	857	894	rBV	129400	357439	4.78%	0.382%
18	4.268	981	1004	1033	rBV3	1119910	3606145	48.27%	3.853%
19	4.500	1074	1076	1081	rVV5	1879	1869	0.03%	0.002%
20	4.728	1130	1147	1174	rBV	615469	1487993	19.92%	1.590%
21	4.953	1199	1217	1223	rBV3	1162921	2702903	36.18%	2.888%
22	5.005	1224	1233	1272	rVB2	2715930	7459206	99.85%	7.969%
23	5.297	1322	1324	1330	rVB7	1866	1770	0.02%	0.002%
24	5.529	1385	1396	1434	rBV	908788	1866116	24.98%	1.994%
25	5.828	1475	1489	1522	rBV	1529312	3040784	40.70%	3.249%
26	5.985	1526	1538	1559	rVV	636914	1317179	17.63%	1.407%
27	6.092	1560	1571	1596	rVB2	348260	713470	9.55%	0.762%
28	6.223	1601	1612	1638	rVV	650106	1267547	16.97%	1.354%
29	6.429	1664	1676	1704	rBV	420121	808590	10.82%	0.864%
30	6.593	1716	1727	1740	rBV3	12946	33876	0.45%	0.036%
31	6.908	1814	1825	1832	rBV	400334	672003	9.00%	0.718%
32	6.950	1833	1838	1866	rVB	370976	697669	9.34%	0.745%
33	7.143	1891	1898	1901	rBV5	6949	9211	0.12%	0.010%
34	7.239	1916	1928	1941	rBV	1325845	2315676	31.00%	2.474%
35	7.310	1941	1950	1981	rVB	1151358	2018865	27.03%	2.157%
36	7.551	2015	2025	2030	rBV	272627	433941	5.81%	0.464%

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Title : VOC Analysis

37	7.763	2078	2091	2116	rBV	2271978	3857975	51.64%	4.122%
38	7.899	2121	2133	2157	rVB	814826	1404962	18.81%	1.501%
39	8.024	2163	2172	2182	rBV	451638	786400	10.53%	0.840%
40	8.075	2182	2188	2206	rVV	280923	532050	7.12%	0.568%
41	8.172	2207	2218	2242	rVV	598788	1060087	14.19%	1.133%
42	8.278	2242	2251	2267	rVV	138710	250874	3.36%	0.268%
43	8.542	2327	2333	2336	rBV7	1337	1733	0.02%	0.002%
44	8.590	2340	2348	2350	rBV8	2268	2807	0.04%	0.003%
45	8.780	2395	2407	2433	rBV2	1459857	3291058	44.05%	3.516%
46	8.902	2434	2445	2473	rVB	1069160	1792153	23.99%	1.915%
47	9.066	2484	2496	2515	rBV	1331767	2192192	29.35%	2.342%
48	9.223	2544	2545	2552	rVB7	1661	1451	0.02%	0.002%
49	9.278	2554	2562	2563	rBV7	2652	3258	0.04%	0.003%
50	9.371	2588	2591	2598	rVB7	1267	1369	0.02%	0.001%
51	9.487	2609	2627	2665	rBV2	4071523	7470358	100.00%	7.981%
52	9.657	2669	2680	2703	rVB	793279	1299519	17.40%	1.388%
53	9.870	2741	2746	2754	rVB5	5692	6840	0.09%	0.007%
54	9.908	2755	2758	2762	rVB6	1917	1456	0.02%	0.002%
55	10.169	2820	2839	2844	rBV2	1464478	3296888	44.13%	3.522%
56	10.201	2845	2849	2875	rVB	1599353	2310504	30.93%	2.468%
57	10.390	2897	2908	2910	rBV5	6815	10306	0.14%	0.011%
58	10.468	2919	2932	2965	rVB	2304616	3453561	46.23%	3.690%
59	10.677	2988	2997	3012	rVB2	16959	29156	0.39%	0.031%
60	10.750	3012	3020	3024	rBV8	4498	6573	0.09%	0.007%
61	10.799	3026	3035	3039	rVV5	31662	47056	0.63%	0.050%
62	10.844	3039	3049	3076	rVV	3336062	4988496	66.78%	5.329%
63	10.969	3080	3088	3094	rBV	3713	6481	0.09%	0.007%
64	11.111	3121	3132	3143	rBV	460876	736056	9.85%	0.786%
65	11.178	3143	3153	3178	rVB2	1633087	3707503	49.63%	3.961%
66	11.307	3190	3193	3210	rVB2	11492	19153	0.26%	0.020%
67	11.397	3217	3221	3230	rVB10	4094	4226	0.06%	0.005%
68	11.503	3239	3254	3258	rBV10	9083	20465	0.27%	0.022%
69	11.558	3258	3271	3301	rVV2	1661979	3824286	51.19%	4.086%
70	11.725	3316	3323	3331	rBV2	19370	25920	0.35%	0.028%
71	11.828	3345	3355	3366	rVV2	28528	47130	0.63%	0.050%
72	11.924	3381	3385	3386	rBV4	2411	1609	0.02%	0.002%
73	12.300	3497	3502	3505	rBV5	3177	3477	0.05%	0.004%
74	12.355	3508	3519	3540	rVV	886054	1393179	18.65%	1.488%
75	12.519	3565	3570	3571	rBV6	2406	1922	0.03%	0.002%
76	12.574	3577	3587	3602	rBV2	63484	126072	1.69%	0.135%

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 Title : VOC Analysis

77	12.821	3657	3664	3676	rBV3	17121	25449	0.34%	0.027%
78	13.066	3736	3740	3742	rBV5	3952	3120	0.04%	0.003%
79	13.191	3762	3779	3799	rBV	546745	907667	12.15%	0.970%
80	13.326	3810	3821	3824	rBV	9250	14411	0.19%	0.015%
81	13.374	3824	3836	3846	rVV	2280945	3464966	46.38%	3.702%
82	13.432	3846	3854	3881	rVB	578215	949211	12.71%	1.014%
83	13.757	3948	3955	3956	rBV6	8506	8047	0.11%	0.009%
84	13.837	3972	3980	3989	rBV4	19484	30082	0.40%	0.032%
85	14.014	4029	4035	4047	rBV4	7912	17734	0.24%	0.019%
86	14.078	4053	4055	4064	rVB10	4292	4396	0.06%	0.005%
87	14.348	4127	4139	4146	rBV5	15388	27506	0.37%	0.029%
88	14.403	4152	4156	4164	rBV9	3961	5157	0.07%	0.006%
89	14.522	4189	4193	4194	rBV4	3314	2146	0.03%	0.002%
90	14.583	4203	4212	4214	rBV6	14673	20232	0.27%	0.022%
91	14.779	4262	4273	4284	rVB6	19561	34480	0.46%	0.037%
92	14.840	4285	4292	4300	rBV9	13897	24426	0.33%	0.026%
93	14.937	4318	4322	4324	rBV4	3207	2204	0.03%	0.002%
94	15.355	4446	4452	4458	rBV10	6795	8858	0.12%	0.009%
95	15.602	4520	4529	4543	rVV3	24014	49072	0.66%	0.052%
96	15.667	4543	4549	4557	rVB5	17920	22651	0.30%	0.024%
97	15.744	4566	4573	4579	rBV7	20002	31577	0.42%	0.034%
98	16.059	4665	4671	4677	rBV10	11853	16410	0.22%	0.018%
99	16.451	4787	4793	4801	rBV3	14197	24661	0.33%	0.026%
100	16.911	4931	4936	4943	rVB4	18471	25829	0.35%	0.028%

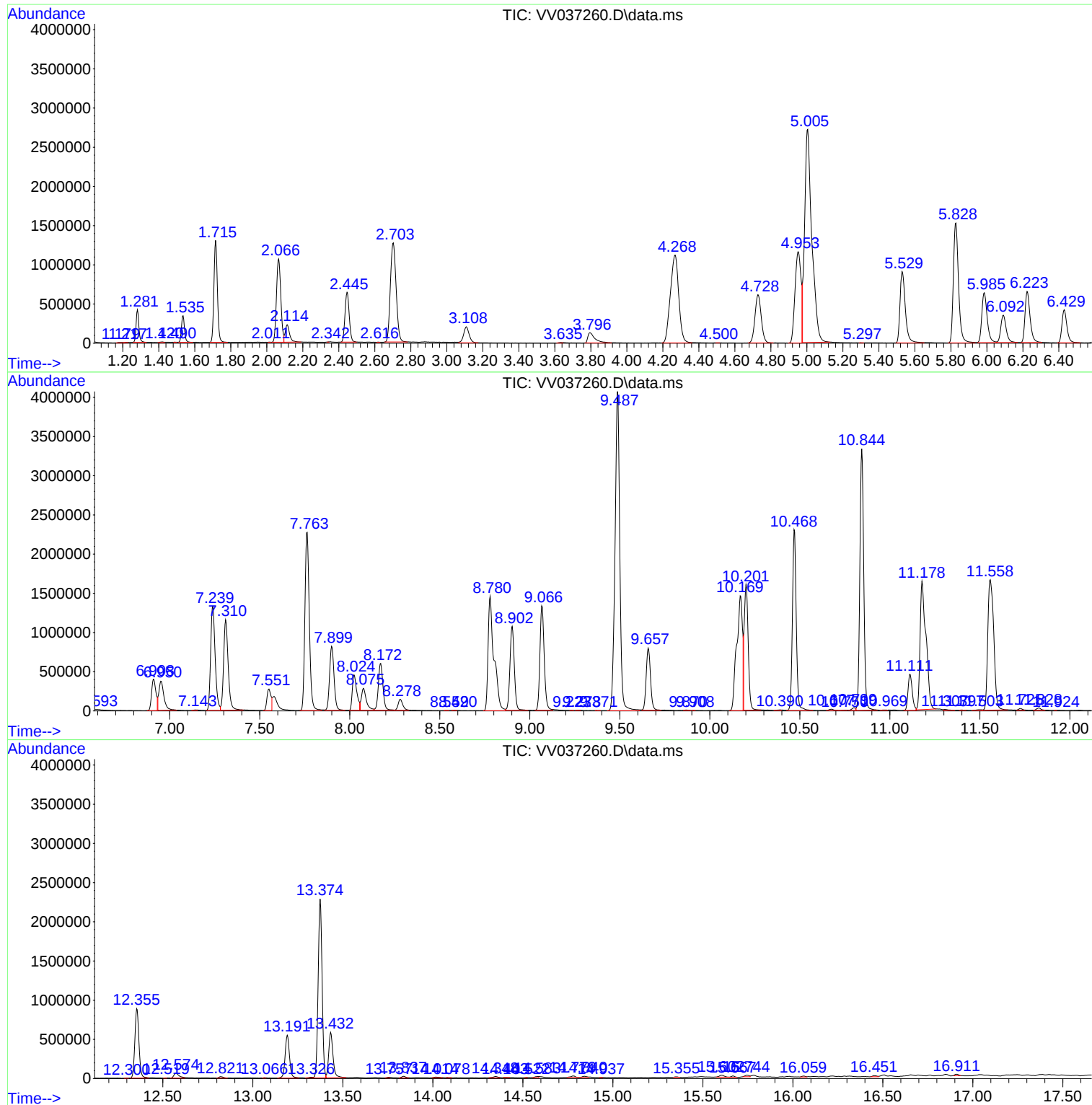
Sum of corrected areas: 93604269

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091224\
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Instrument :
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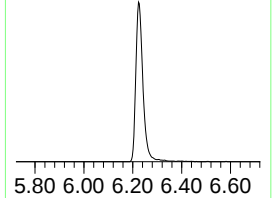
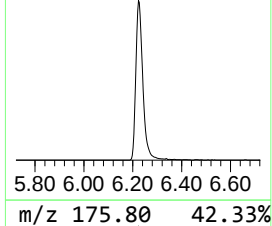
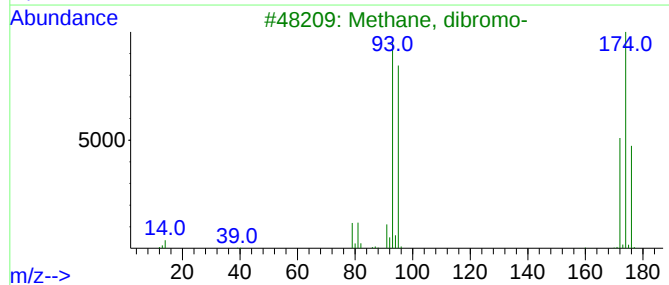
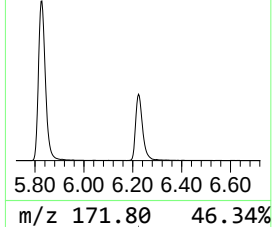
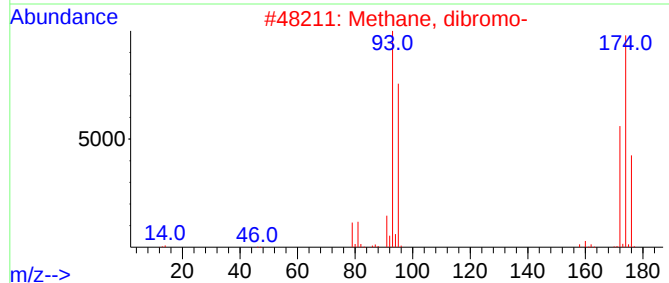
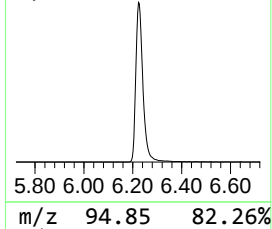
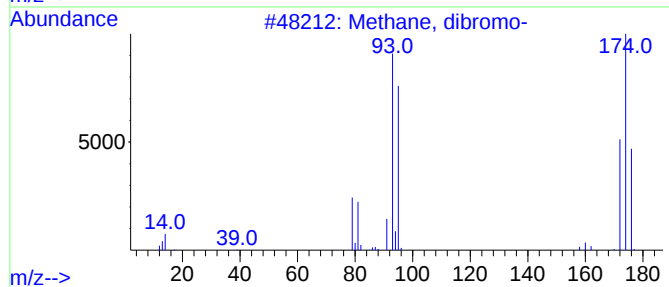
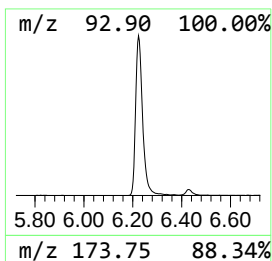
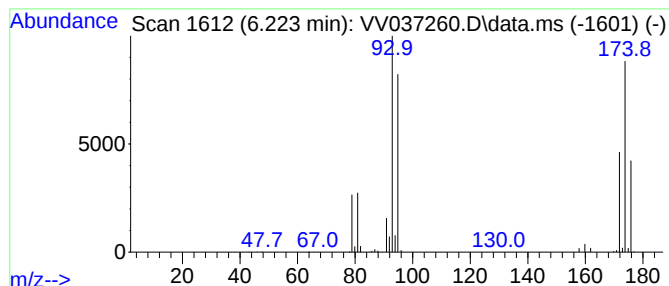
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Methane, dibromo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.223	33.96 ug/L	1267550	1,4-Difluorobenzene	5.529

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methane, dibromo-	172	CH2Br2	000074-95-3	96
2			Methane, dibromo-	172	CH2Br2	000074-95-3	96
3			Methane, dibromo-	172	CH2Br2	000074-95-3	95
4			Methane, dibromo-	172	CH2Br2	000074-95-3	94
5			Dimethyl selenodisulfide	174	C2H6S2Se	1000357-25-9	9



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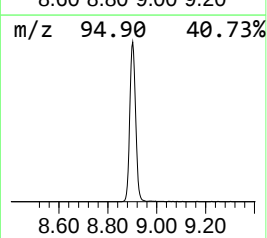
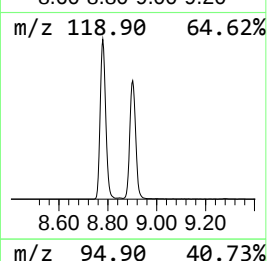
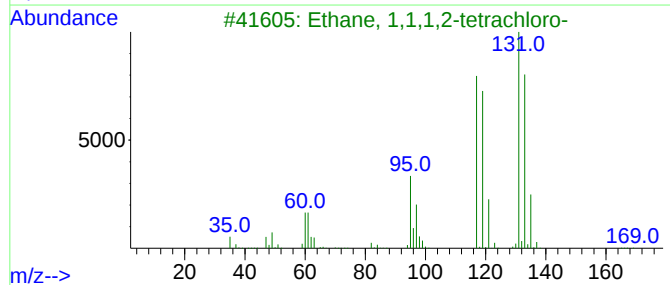
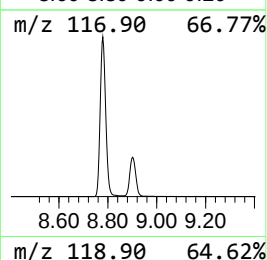
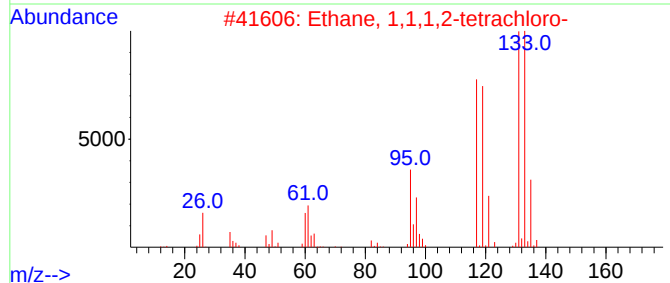
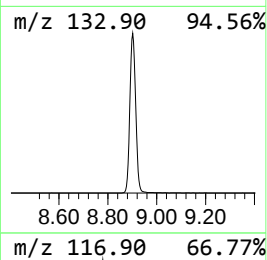
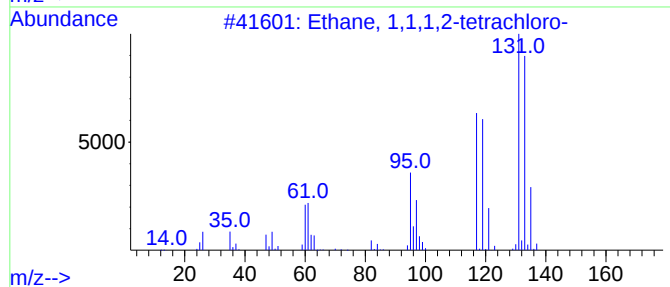
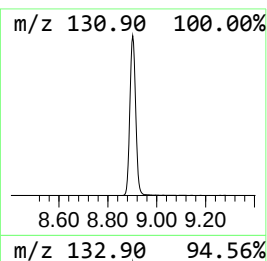
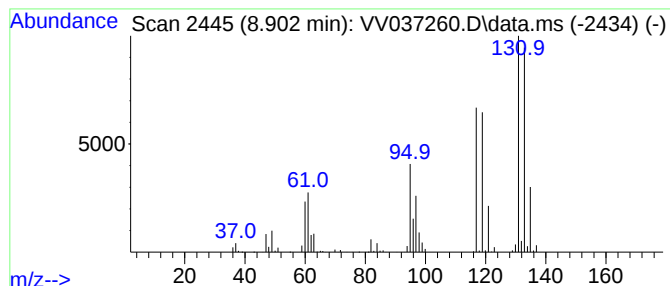
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.902	27.23 ug/L	1792150	Chlorobenzene-d5	8.780

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	86
4			Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	59
5			N-Chlorosuccinimide	133	C4H4ClNO2	000128-09-6	9



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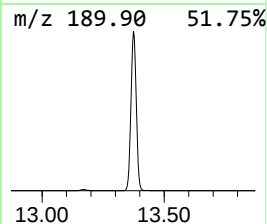
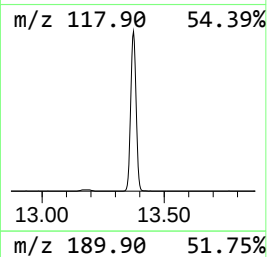
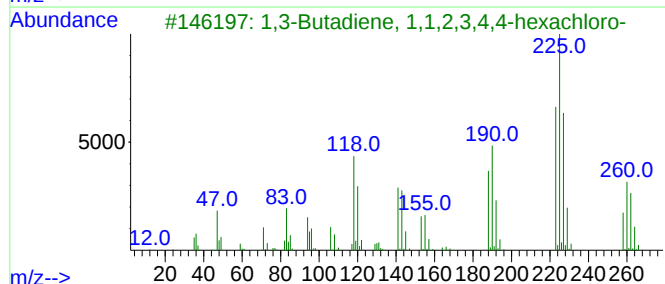
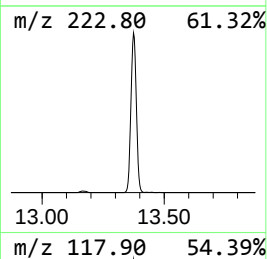
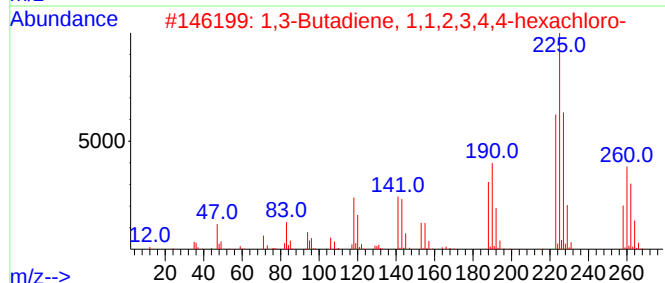
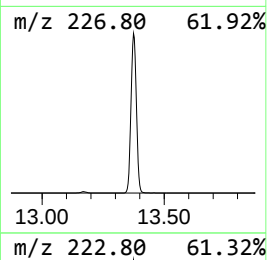
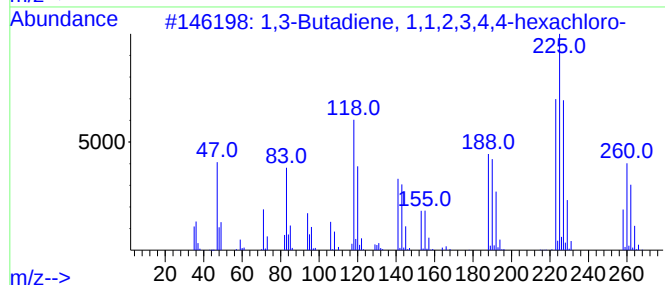
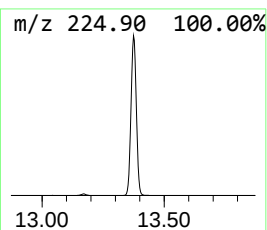
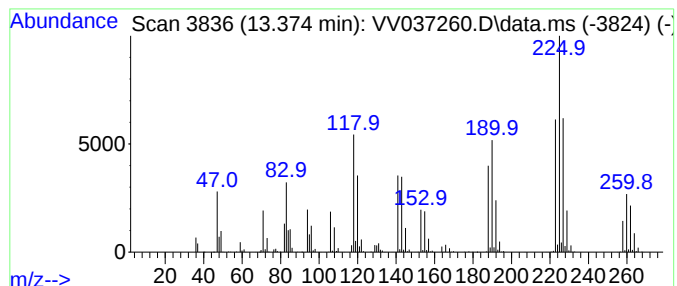
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 1,3-Butadiene, 1,1,2,3,4,4-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.374	46.73 ug/L	3464970	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Butadiene, 1,1,2,3,4,4-hexac...	258	C4Cl6	000087-68-3	99
2			1,3-Butadiene, 1,1,2,3,4,4-hexac...	258	C4Cl6	000087-68-3	99
3			1,3-Butadiene, 1,1,2,3,4,4-hexac...	258	C4Cl6	000087-68-3	99
4			1,3-Butadiene, 1,1,2,3,4,4-hexac...	258	C4Cl6	000087-68-3	99
5			Tin(IV) chloride	260	Cl4Sn	007646-78-8	32



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091224\
Data File : VV037260.D
Acq On : 12 Sep 2024 11:47
Operator : SY/MD
Sample : P3808-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
X0B25

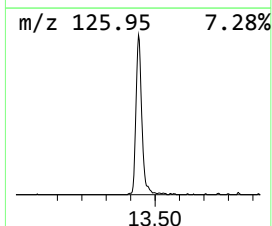
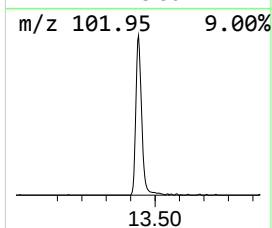
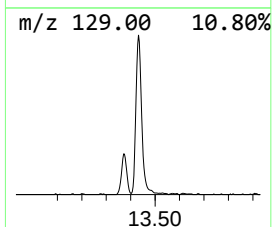
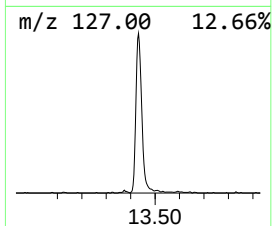
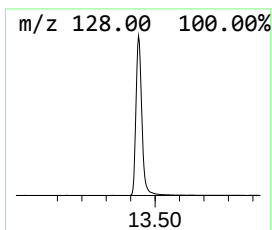
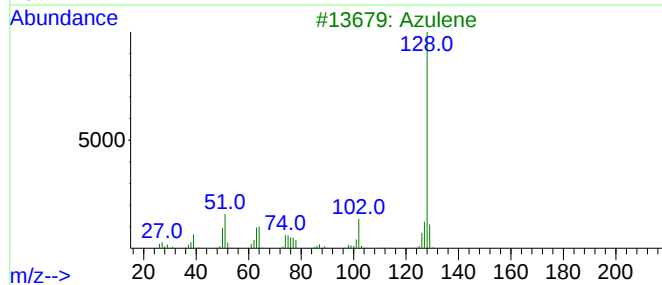
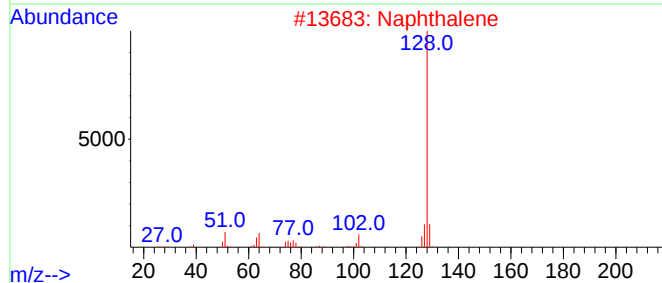
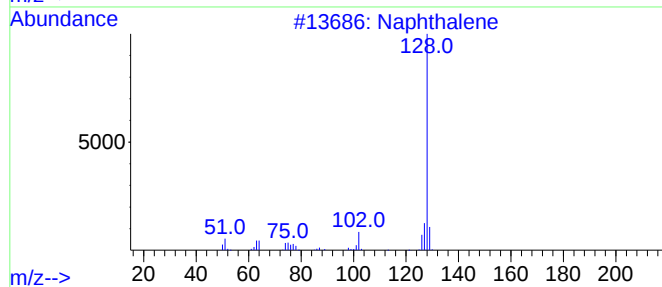
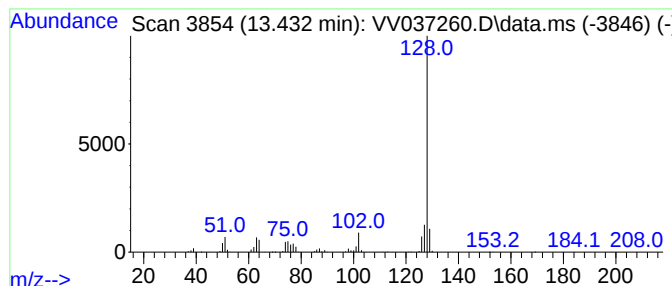
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Quant Title : VOC Analysis

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

Peak Number 4 Azulene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.432	12.80 ug/L	949211	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Naphthalene	128	C10H8	000091-20-3	94
3			Azulene	128	C10H8	000275-51-4	91
4			Azulene	128	C10H8	000275-51-4	91
5			Azulene	128	C10H8	000275-51-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091224\
Data File : VV037260.D
Acq On : 12 Sep 2024 11:47
Operator : SY/MD
Sample : P3808-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
X0B25

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Methane, dibromo-	6.223	34.0	ug/L	1267550	1	5.529	1866120	50.0
Ethane, 1,1,1,2...	8.902	27.2	ug/L	1792150	2	8.780	3291060	50.0
1,3-Butadiene, ...	13.374	46.7	ug/L	3464970	3	11.178	3707500	50.0
Azulene	13.432	12.8	ug/L	949211	3	11.178	3707500	50.0