Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011924\
Data File : VV033747.D
Acq On : 19 Jan 2024 12:22
Operator : SY/MD
Sample : P1160-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
XA314

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\SFAMVLM011024WMA.M
Title : VOC Analysis

Signal : TIC: VV033747.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.169	32	40	43	rBV	4097	4964	0.20%	0.017%
2	1.214	48	54	67	rVV	163276	170987	7.00%	0.578%
3	1.281	67	75	91	rVB	122187	132166	5.41%	0.447%
4	1.529	145	152	169	rVB	104677	124466	5.09%	0.421%
5	2.063	307	318	327	rBV3	278796	466849	19.10%	1.578%
6	2.108	327	332	351	rVB	129934	203603	8.33%	0.688%
7	2.246	369	375	383	rVB3	1450	2100	0.09%	0.007%
8	2.352	400	408	417	rVV4	2351	3402	0.14%	0.012%
9	2.449	426	438	460	rVB	78662	131563	5.38%	0.445%
10	2.535	463	465	466	rBV	403	172	0.01%	0.001%
11	2.568	466	475	484	rVB3	1323	2722	0.11%	0.009%
12	2.699	501	516	548	rBV	595619	1223230	50.04%	4.136%
13	2.947	591	593	596	rBV2	432	245	0.01%	0.001%
14	3.043	621	623	627	rVB2	514	324	0.01%	0.001%
15	3.188	664	668	669	rBV2	283	217	0.01%	0.001%
16	3.223	674	679	682	rBV3	578	573	0.02%	0.002%
17	3.307	700	705	708	rBV3	243	195	0.01%	0.001%
18	3.394	730	732	736	rVB	304	186	0.01%	0.001%
19	3.420	736	740	742	rBV2	341	212	0.01%	0.001%
20	3.436	742	745	748	rBV2	263	175	0.01%	0.001%
21	3.548	777	780	783	rVB2	327	173	0.01%	0.001%
22	3.658	806	814	818	rBV2	184	267	0.01%	0.001%
23	3.812	844	862	900	rBV2	335931	940672	38.48%	3.180%
24	4.101	950	952	955	rBV2	393	264	0.01%	0.001%
25	4.268	982	1004	1037	rBV4	344394	1121461	45.88%	3.792%
26	4.519	1081	1082	1089	rBV3	390	285	0.01%	0.001%
27	4.735	1130	1149	1170	rBV	132427	327950	13.42%	1.109%
28	4.860	1185	1188	1190	rBV2	295	173	0.01%	0.001%
29	4.957	1201	1218	1229	rBV2	341131	897443	36.72%	3.034%
30	5.301	1322	1325	1327	rBV2	321	211	0.01%	0.001%
31	5.532	1385	1397	1425	rBV	289418	588422	24.07%	1.989%
32	5.831	1478	1490	1526	rBV	417943	834118	34.13%	2.820%
33	5.989	1526	1539	1559	rVV2	192116	401165	16.41%	1.356%
34	6.092	1560	1571	1591	rVB2	121352	244959	10.02%	0.828%
35	6.230	1602	1614	1644	rVB	104412	209097	8.55%	0.707%
36	6.429	1664	1676	1708	rBV	337423	646661	26.46%	2.186%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011924\
Data File : VV033747.D
Acq On : 19 Jan 2024 12:22
Operator : SY/MD
Sample : P1160-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
XA314

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\SFAMVLM011024WMA.M
Title : VOC Analysis

37	6.577	1713	1722	1748	rVB2	12100	29148	1.19%	0.099%
38	6.911	1816	1826	1832	rBV	129544	215380	8.81%	0.728%
39	6.953	1832	1839	1876	rVB	243149	454703	18.60%	1.537%
40	7.156	1883	1902	1918	rBV	260047	458062	18.74%	1.549%
41	7.243	1918	1929	1941	rVV	414739	728875	29.82%	2.464%
42	7.313	1941	1951	1990	rVB	766548	1318051	53.92%	4.456%
43	7.551	2016	2025	2031	rBV	90950	147847	6.05%	0.500%
44	7.767	2080	2092	2115	rVV	279643	476160	19.48%	1.610%
45	7.905	2123	2135	2163	rVB	212900	368258	15.07%	1.245%
46	8.021	2163	2171	2180	rBV	218717	358840	14.68%	1.213%
47	8.072	2181	2187	2207	rVV	220607	376208	15.39%	1.272%
48	8.175	2208	2219	2241	rVV	375698	651620	26.66%	2.203%
49	8.281	2243	2252	2273	rVV	71516	125981	5.15%	0.426%
50	8.358	2273	2276	2279	rVB4	529	398	0.02%	0.001%
51	8.551	2330	2336	2340	rVB4	341	400	0.02%	0.001%
52	8.593	2346	2349	2352	rBV2	318	199	0.01%	0.001%
53	8.786	2397	2409	2411	rBV	471942	629480	25.75%	2.128%
54	8.905	2435	2446	2453	rBV	797407	1314036	53.76%	4.443%
55	8.944	2453	2458	2485	rVB	725834	1106330	45.26%	3.740%
56	9.069	2485	2497	2522	rBV	675306	1060352	43.38%	3.585%
57	9.480	2611	2625	2663	rBV4	1164095	2444266	100.00%	8.264%
58	9.664	2672	2682	2699	rVB	66512	109144	4.47%	0.369%
59	9.876	2738	2748	2760	rBV3	2869	4834	0.20%	0.016%
60	10.152	2820	2834	2838	rBV	258097	404495	16.55%	1.368%
61	10.207	2845	2851	2880	rVB	767262	1198930	49.05%	4.054%
62	10.323	2884	2887	2890	rVB	237	172	0.01%	0.001%
63	10.361	2896	2899	2902	rVB2	423	229	0.01%	0.001%
64	10.394	2902	2909	2912	rBV4	1142	1294	0.05%	0.004%
65	10.474	2922	2934	2957	rBV	415409	621002	25.41%	2.100%
66	10.683	2988	2999	3011	rVB3	2733	4110	0.17%	0.014%
67	10.754	3014	3021	3028	rBV4	1412	1795	0.07%	0.006%
68	10.805	3030	3037	3041	rBV5	2974	3947	0.16%	0.013%
69	10.850	3041	3051	3074	rVB	656881	973092	39.81%	3.290%
70	10.992	3092	3095	3102	rVB3	472	538	0.02%	0.002%
71	11.024	3102	3105	3111	rVB3	499	495	0.02%	0.002%
72	11.053	3112	3114	3119	rVB2	259	182	0.01%	0.001%
73	11.117	3120	3134	3146	rBV	629245	976369	39.95%	3.301%
74	11.185	3146	3155	3181	rVB2	495928	1008614	41.26%	3.410%
75	11.320	3195	3197	3207	rVB5	1008	970	0.04%	0.003%
76	11.410	3222	3225	3234	rVB	161	172	0.01%	0.001%

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011924\
Data File : VV033747.D
Acq On    : 19 Jan 2024  12:22
Operator  : SY/MD
Sample    : P1160-05
Misc      : 5.0mL/MSVOA_V/WATER
ALS Vial  : 7   Sample Multiplier: 1

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\SFAMVLM011024WMA.M
Title     : VOC Analysis
```

Instrument :
MSVOA_V
ClientSampleId :
XA314

77	11.574	3260	3276	3302	rBV2	650383	1502050	61.45%	5.078%
78	12.008	3404	3411	3413	rBV2	224	286	0.01%	0.001%
79	12.078	3426	3433	3437	rVB2	179	227	0.01%	0.001%
80	12.365	3511	3522	3538	rBV	235087	374056	15.30%	1.265%
81	13.085	3742	3746	3751	rBV2	184	225	0.01%	0.001%
82	13.204	3775	3783	3793	rVV3	5382	8011	0.33%	0.027%
83	13.348	3820	3828	3833	rBV2	310	332	0.01%	0.001%
84	13.381	3833	3838	3844	rVB4	2138	2299	0.09%	0.008%
85	13.439	3844	3856	3890	rBV	915002	1429085	58.47%	4.832%
86	13.738	3945	3949	3952	rBV3	264	210	0.01%	0.001%
87	13.808	3967	3971	3976	rBV2	262	309	0.01%	0.001%
88	13.918	4003	4005	4008	rBV2	348	224	0.01%	0.001%
89	14.027	4035	4039	4041	rBV3	441	250	0.01%	0.001%
90	14.065	4048	4051	4057	rVB3	369	345	0.01%	0.001%
91	14.094	4057	4060	4061	rBV2	357	207	0.01%	0.001%
92	14.159	4076	4080	4081	rBV	313	207	0.01%	0.001%
93	14.217	4097	4098	4105	rVB	380	334	0.01%	0.001%
94	14.246	4105	4107	4110	rBV2	383	245	0.01%	0.001%
95	14.506	4186	4188	4191	rVB2	309	211	0.01%	0.001%
96	14.847	4291	4294	4299	rBV3	246	272	0.01%	0.001%
97	14.988	4334	4338	4342	rBV4	298	243	0.01%	0.001%
98	15.033	4349	4352	4355	rBV3	301	193	0.01%	0.001%
99	15.130	4380	4382	4386	rBV3	398	319	0.01%	0.001%
100	15.172	4392	4395	4398	rBV3	418	302	0.01%	0.001%

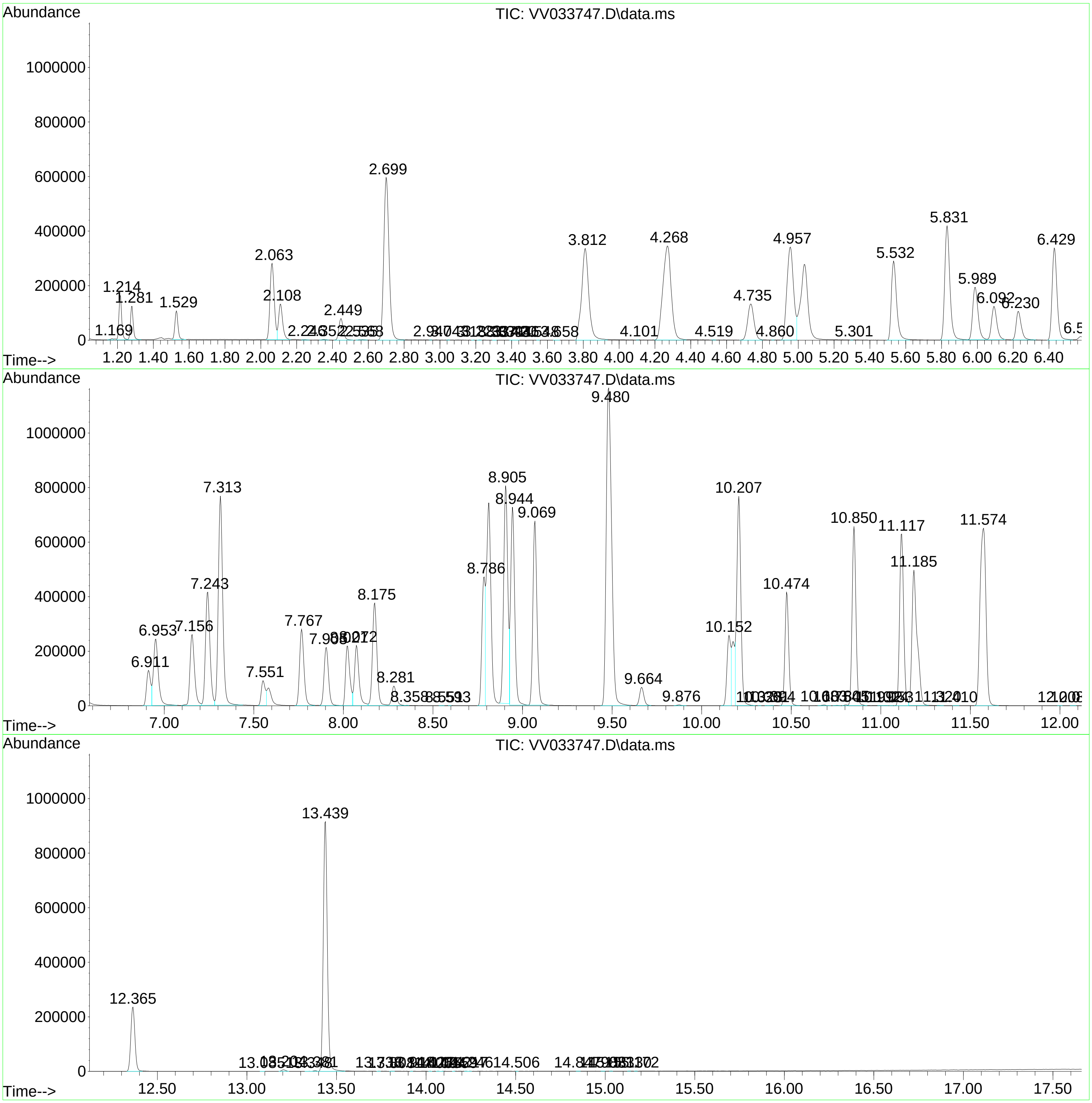
Sum of corrected areas: 29577092

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011924\
Data File : VV033747.D
Acq On : 19 Jan 2024 12:22
Operator : SY/MD
Sample : P1160-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
XA314

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis

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



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Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011924\
Data File : VV033747.D
Acq On    : 19 Jan 2024  12:22
Operator  : SY/MD
Sample    : P1160-05
Misc      : 5.0mL/MSVOA_V/WATER
ALS Vial  : 7   Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title  : VOC Analysis

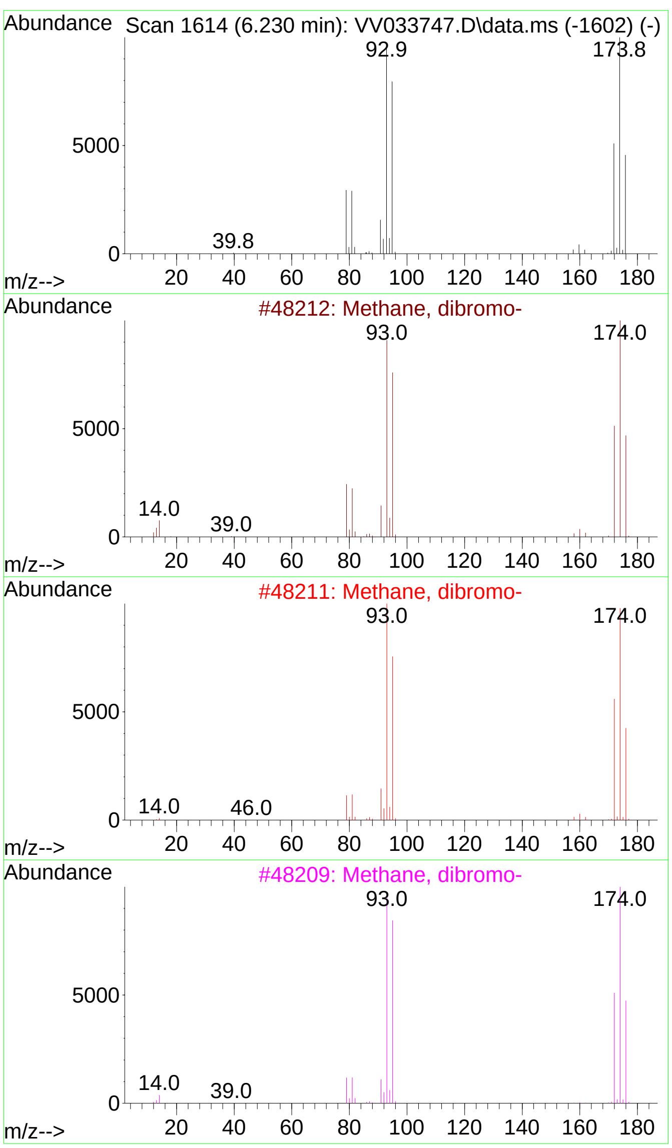
TIC Library    : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P
```

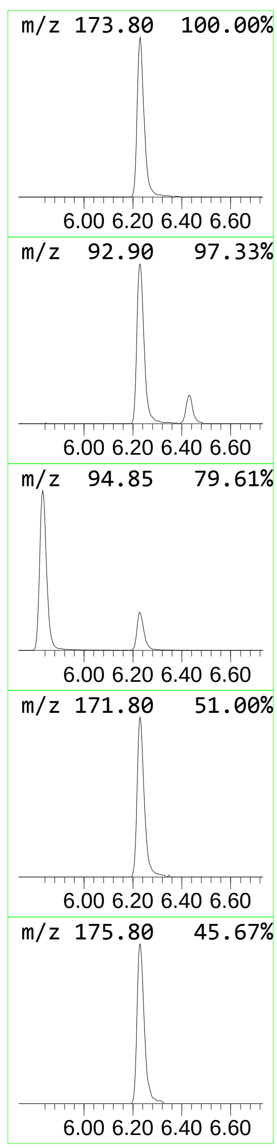
Instrument :
MSVOA_V
ClientSampleId :
XA314

```
*********************************************************************
Peak Number  1  Methane, dibromo-              Concentration Rank  2

  R.T.     EstConc          Area       Relative to ISTD          R.T.
---------------------------------------------------------------------
  6.230   17.77 ug/L       209097    1,4-Difluorobenzene          5.532

 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 6-Bromo-2-pyridinamine                172 C5H5BrN2      019798-81-3 17
```





Library Search Compound Report

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011924\
Data File : VV033747.D
Acq On    : 19 Jan 2024  12:22
Operator  : SY/MD
Sample    : P1160-05
Misc      : 5.0mL/MSVOA_V/WATER
ALS Vial  : 7   Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title  : VOC Analysis

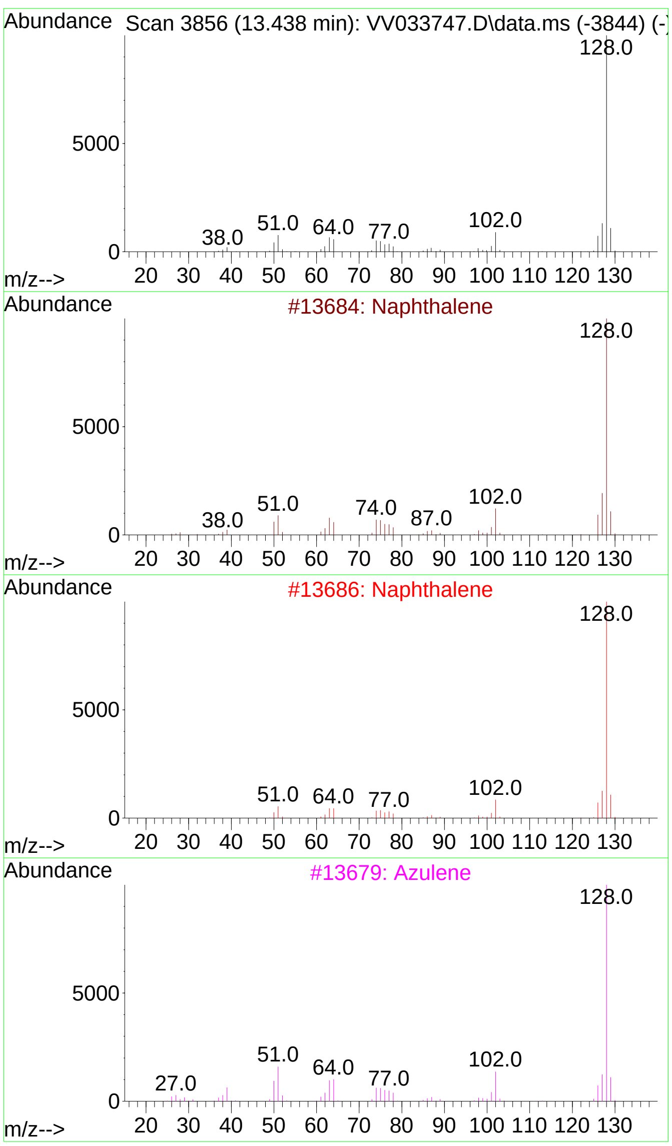
TIC Library    : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P
```

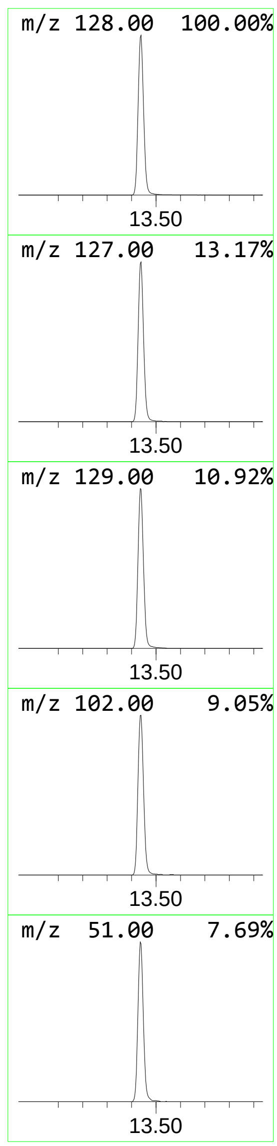
Instrument :
MSVOA_V
ClientSampleId :
XA314

```
*********************************************************************
Peak Number  2  Azulene                        Concentration Rank  1

  R.T.     EstConc         Area      Relative to ISTD         R.T.
---------------------------------------------------------------------
 13.438   70.84 ug/L      1429090   1,4-Dichlorobenzene-d4     11.185

 Hit# of  5    Tentative ID              MW  MolForm       CAS#       Qual
---------------------------------------------------------------------
 1 Naphthalene                          128 C10H8         000091-20-3 97
 2 Naphthalene                          128 C10H8         000091-20-3 95
 3 Azulene                              128 C10H8         000275-51-4 91
 4 Azulene                              128 C10H8         000275-51-4 91
 5 Azulene                              128 C10H8         000275-51-4 91
```





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011924\
Data File : VV033747.D
Acq On : 19 Jan 2024 12:22
Operator : SY/MD
Sample : P1160-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
XA314

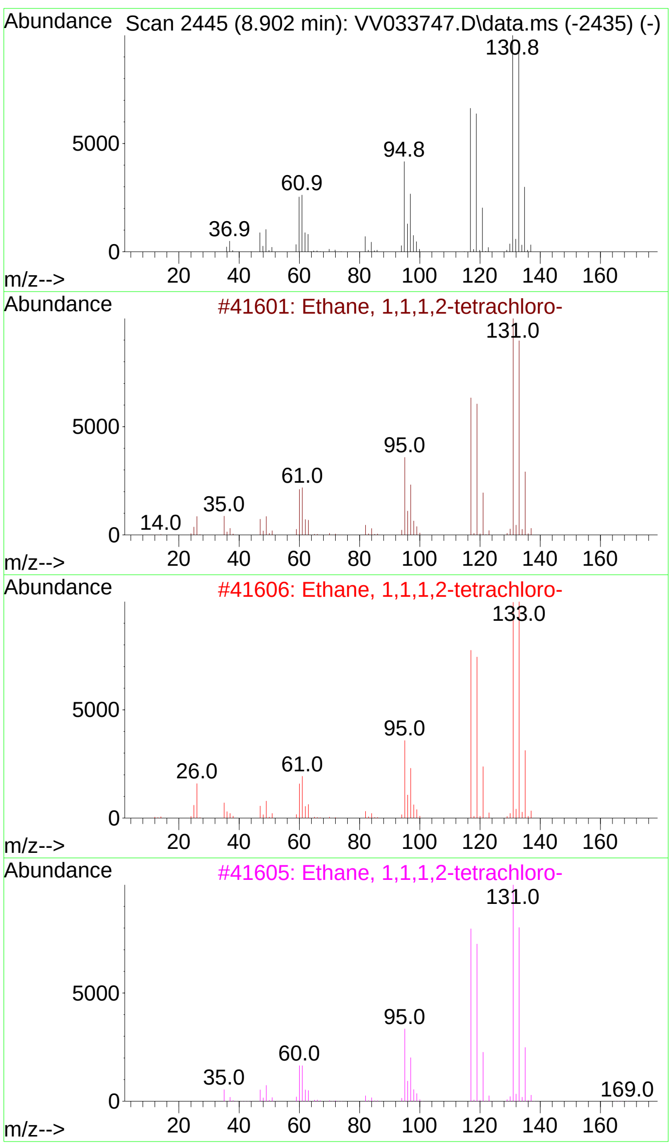
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis

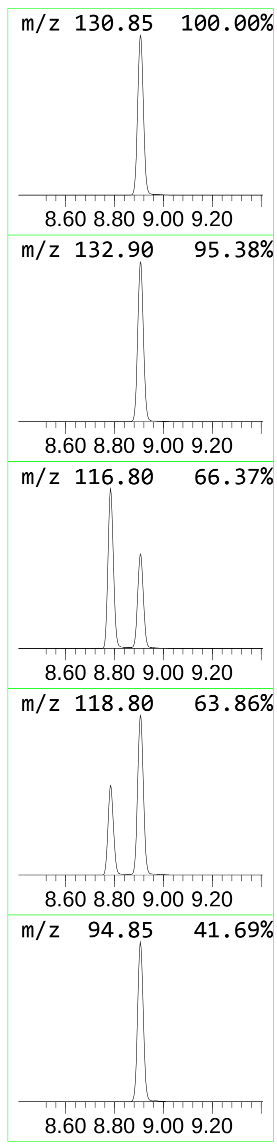
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.905	104.38 ug/L	1314040	Chlorobenzene-d5	8.783

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	Carbon Tetrachloride	152	CCl4	000056-23-5	11





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011924\
Data File : VV033747.D
Acq On : 19 Jan 2024 12:22
Operator : SY/MD
Sample : P1160-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
XA314

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Methane, dibromo-	6.230	17.8	ug/L	209097	1	5.532	588422	50.0
Azulene	13.438	70.8	ug/L	1429090	3	11.185	1008610	50.0
Ethane, 1,1,1,2...	8.905	104.4	ug/L	1314040	2	8.783	629480	50.0