

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
 Data File : VV035987.D
 Acq On : 06 Jun 2024 15:05
 Operator : SY/MD
 Sample : P2754-02
 Misc : 4.72g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4BP3

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\SFAMVLM053024SMA.M

Title : VOC Analysis

Signal : TIC: VV035987.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.272	65	72	92	rVB	266974	295299	15.01%	1.867%
2	1.526	144	151	166	rVB	239708	291235	14.81%	1.841%
3	2.050	304	314	333	rVB	473253	699032	35.54%	4.419%
4	2.156	335	347	365	rBV2	19303	63526	3.23%	0.402%
5	2.368	411	413	419	rBV4	489	441	0.02%	0.003%
6	2.442	424	436	463	rVB	111255	194951	9.91%	1.232%
7	2.555	468	471	474	rVB3	824	542	0.03%	0.003%
8	2.696	506	515	528	rVV10	2937	6931	0.35%	0.044%
9	2.889	562	575	577	rBV3	2611	3733	0.19%	0.024%
10	2.963	588	598	614	rVB3	14034	29072	1.48%	0.184%
11	3.021	614	616	621	rVB4	603	379	0.02%	0.002%
12	3.076	629	633	636	rVB4	545	371	0.02%	0.002%
13	3.114	636	645	647	rBV5	719	971	0.05%	0.006%
14	3.413	734	738	742	rVB4	529	450	0.02%	0.003%
15	3.446	742	748	751	rBV3	467	484	0.02%	0.003%
16	3.519	765	771	775	rBV	665	574	0.03%	0.004%
17	3.741	836	840	843	rVB3	552	456	0.02%	0.003%
18	3.767	843	848	852	rBV2	382	446	0.02%	0.003%
19	4.243	980	996	1034	rBV	344563	906586	46.09%	5.731%
20	4.507	1075	1078	1080	rBV3	821	569	0.03%	0.004%
21	4.574	1091	1099	1104	rBV7	1205	1795	0.09%	0.011%
22	4.651	1119	1123	1129	rVB5	462	506	0.03%	0.003%
23	4.735	1143	1149	1154	rBV5	1159	1475	0.07%	0.009%
24	4.786	1161	1165	1168	rBV3	696	410	0.02%	0.003%
25	4.809	1168	1172	1176	rBV	516	566	0.03%	0.004%
26	4.857	1185	1187	1194	rVB3	680	626	0.03%	0.004%
27	4.954	1201	1217	1263	rBV2	758846	1967105	100.00%	12.435%
28	5.208	1293	1296	1300	rBV5	843	845	0.04%	0.005%
29	5.281	1314	1319	1324	rBV4	879	747	0.04%	0.005%
30	5.326	1329	1333	1338	rBV5	876	977	0.05%	0.006%
31	5.346	1338	1339	1346	rVB4	726	481	0.02%	0.003%
32	5.529	1385	1396	1438	rBV	795342	1674122	85.11%	10.583%
33	5.764	1466	1469	1473	rBV4	838	491	0.02%	0.003%
34	5.828	1478	1489	1512	rVB	26053	59976	3.05%	0.379%
35	5.921	1516	1518	1522	rVB4	1098	673	0.03%	0.004%
36	5.986	1525	1538	1568	rBV	454856	967684	49.19%	6.117%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
 Data File : VV035987.D
 Acq On : 06 Jun 2024 15:05
 Operator : SY/MD
 Sample : P2754-02
 Misc : 4.72g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4BP3

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\SFAMVLM053024SMA.M
 Title : VOC Analysis

37	6.121	1577	1580	1584	rVB4	1301	1121	0.06%	0.007%
38	6.252	1618	1621	1625	rVB3	858	611	0.03%	0.004%
39	6.375	1652	1659	1660	rBV4	1552	1577	0.08%	0.010%
40	6.458	1682	1685	1688	rVB3	670	495	0.03%	0.003%
41	6.516	1696	1703	1705	rBV5	709	667	0.03%	0.004%
42	6.548	1708	1713	1714	rVV4	1192	1088	0.06%	0.007%
43	6.561	1714	1717	1729	rVB10	1739	2800	0.14%	0.018%
44	6.690	1747	1757	1759	rBV5	733	915	0.05%	0.006%
45	6.764	1775	1780	1783	rBV5	1270	1231	0.06%	0.008%
46	6.912	1811	1826	1862	rBV	193521	390387	19.85%	2.468%
47	7.162	1900	1904	1905	rBV3	1083	779	0.04%	0.005%
48	7.188	1905	1912	1917	rBV6	3462	5306	0.27%	0.034%
49	7.240	1917	1928	1950	rBV	781617	1403174	71.33%	8.870%
50	7.510	2008	2012	2016	rVB5	719	592	0.03%	0.004%
51	7.555	2016	2026	2058	rBV	119730	243956	12.40%	1.542%
52	7.777	2091	2095	2098	rBV5	1084	953	0.05%	0.006%
53	7.908	2115	2136	2154	rVB4	52222	113344	5.76%	0.717%
54	8.034	2160	2175	2201	rBV	127111	299824	15.24%	1.895%
55	8.278	2243	2251	2260	rBV4	10045	17730	0.90%	0.112%
56	8.355	2273	2275	2286	rVB7	2837	4036	0.21%	0.026%
57	8.400	2286	2289	2290	rBV2	886	420	0.02%	0.003%
58	8.439	2294	2301	2310	rVB5	3630	6029	0.31%	0.038%
59	8.522	2313	2327	2333	rBV5	6223	14503	0.74%	0.092%
60	8.593	2347	2349	2361	rVB10	2103	3344	0.17%	0.021%
61	8.719	2380	2388	2392	rBV8	2353	3187	0.16%	0.020%
62	8.783	2397	2408	2444	rBV	1156277	1893308	96.25%	11.969%
63	9.037	2480	2487	2494	rBV	4953	9132	0.46%	0.058%
64	9.088	2496	2503	2511	rVV6	10349	18069	0.92%	0.114%
65	9.130	2512	2516	2527	rVB9	4645	7630	0.39%	0.048%
66	9.252	2544	2554	2561	rBV7	5805	9337	0.47%	0.059%
67	9.297	2565	2568	2572	rBV5	497	449	0.02%	0.003%
68	9.349	2578	2584	2587	rBV8	2150	2456	0.12%	0.016%
69	9.410	2587	2603	2619	rVB7	12482	30837	1.57%	0.195%
70	9.484	2621	2626	2629	rBV4	6018	6366	0.32%	0.040%
71	9.645	2658	2676	2686	rBV7	22564	51315	2.61%	0.324%
72	9.735	2696	2704	2712	rBV8	11996	20571	1.05%	0.130%
73	9.786	2713	2720	2730	rVB3	17383	28012	1.42%	0.177%
74	9.841	2730	2737	2751	rVB3	9711	18960	0.96%	0.120%
75	9.912	2751	2759	2764	rBV7	6583	9372	0.48%	0.059%
76	9.953	2765	2772	2792	rVB4	15286	30050	1.53%	0.190%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
 Data File : VV035987.D
 Acq On : 06 Jun 2024 15:05
 Operator : SY/MD
 Sample : P2754-02
 Misc : 4.72g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4BP3

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\SFAMVLM053024SMA.M
 Title : VOC Analysis

77	10.059	2797	2805	2814	rBV3	11011	16250	0.83%	0.103%
78	10.153	2817	2834	2857	rBV	328685	600665	30.54%	3.797%
79	10.323	2877	2887	2898	rBV2	45066	80740	4.10%	0.510%
80	10.387	2898	2907	2916	rVB10	11988	23450	1.19%	0.148%
81	10.445	2916	2925	2933	rBV5	22612	40066	2.04%	0.253%
82	10.503	2935	2943	2952	rVV9	10478	20851	1.06%	0.132%
83	10.600	2968	2973	2974	rBV3	3438	2581	0.13%	0.016%
84	10.821	3033	3042	3048	rBV6	23793	45226	2.30%	0.286%
85	10.969	3081	3088	3094	rBV4	14309	23324	1.19%	0.147%
86	11.034	3105	3108	3116	rVB4	18613	21122	1.07%	0.134%
87	11.088	3117	3125	3131	rBV3	23912	35302	1.79%	0.223%
88	11.182	3145	3154	3176	rBV	936382	1451823	73.81%	9.178%
89	11.558	3260	3271	3288	rVB	615433	986682	50.16%	6.237%
90	11.873	3361	3369	3377	rBV6	22095	34686	1.76%	0.219%
91	12.194	3458	3469	3477	rBV4	45691	79423	4.04%	0.502%
92	12.304	3495	3503	3522	rBV6	41355	93534	4.75%	0.591%
93	12.403	3526	3534	3544	rBV5	33282	55728	2.83%	0.352%
94	12.738	3632	3638	3648	rVB5	15555	21924	1.11%	0.139%
95	12.979	3705	3713	3715	rBV6	27378	36737	1.87%	0.232%
96	13.204	3777	3783	3790	rBV9	13607	22762	1.16%	0.144%
97	13.583	3894	3901	3913	rBV	54038	86962	4.42%	0.550%
98	14.593	4208	4215	4223	rBV	71123	103127	5.24%	0.652%
99	15.355	4445	4452	4460	rBV	55388	82554	4.20%	0.522%
100	17.471	5104	5110	5120	rVB4	15826	25080	1.27%	0.159%

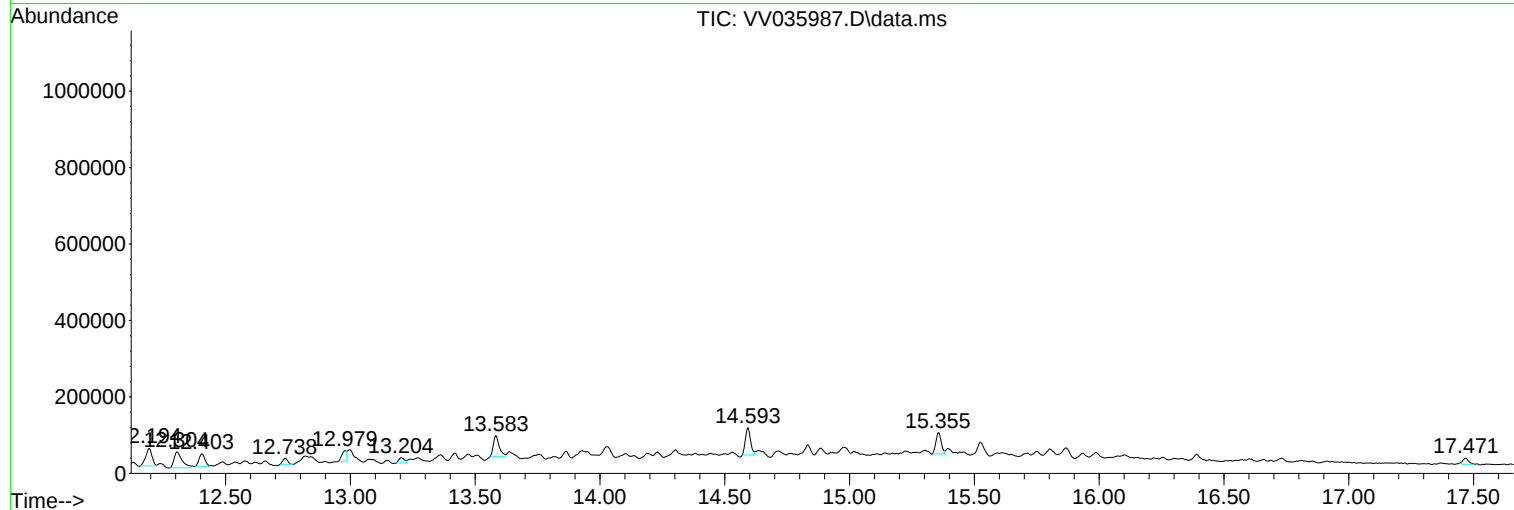
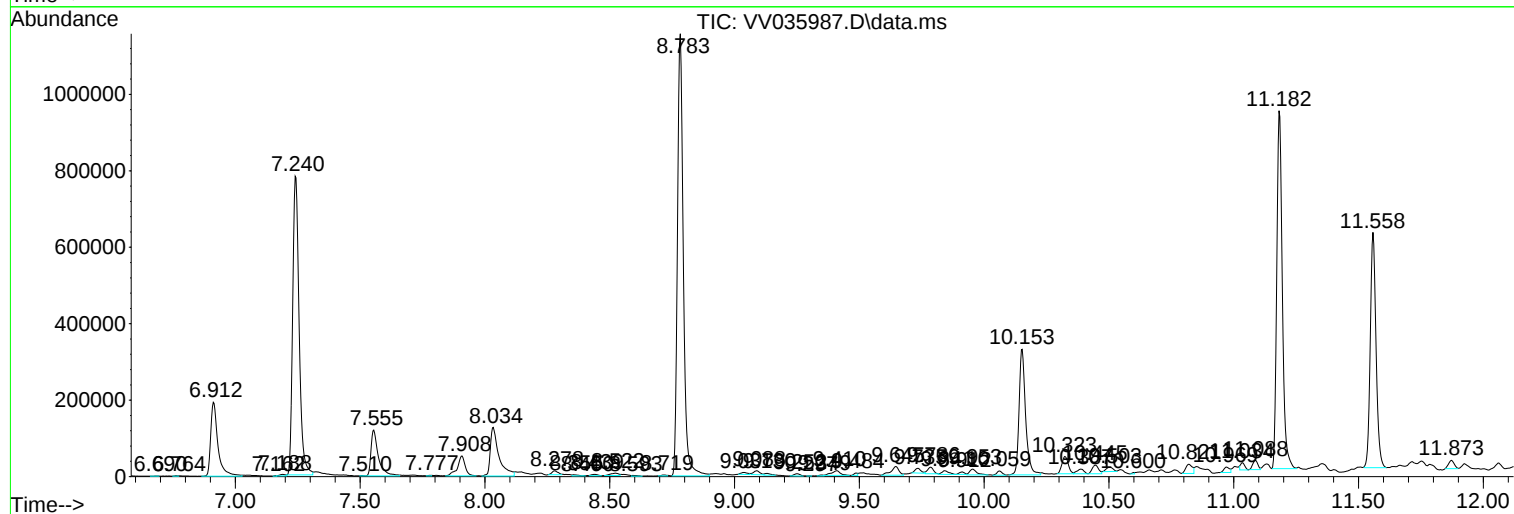
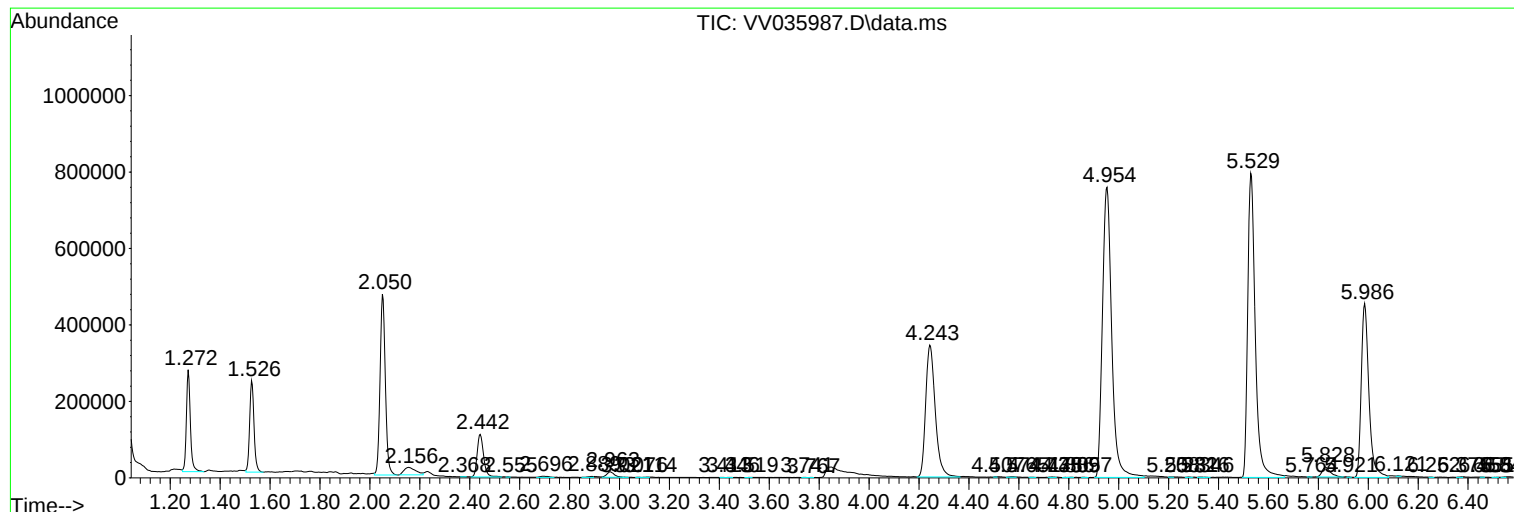
Sum of corrected areas: 15819059

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
Data File : VV035987.D
Acq On : 06 Jun 2024 15:05
Operator : SY/MD
Sample : P2754-02
Misc : 4.72g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BP3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
Data File : VV035987.D
Acq On : 06 Jun 2024 15:05
Operator : SY/MD
Sample : P2754-02
Misc : 4.72g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BP3

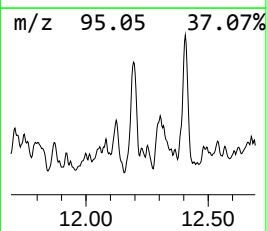
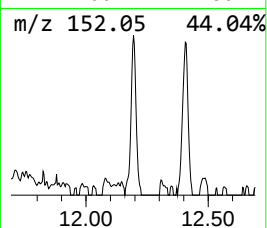
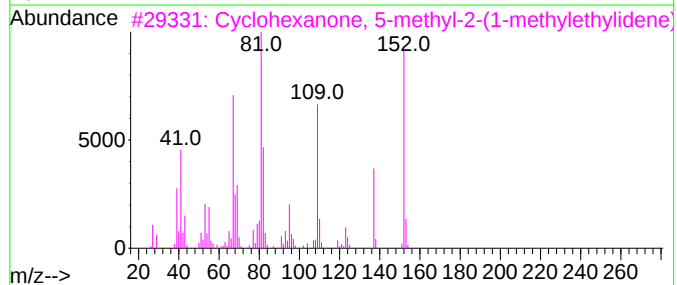
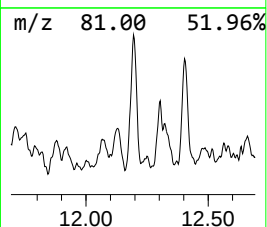
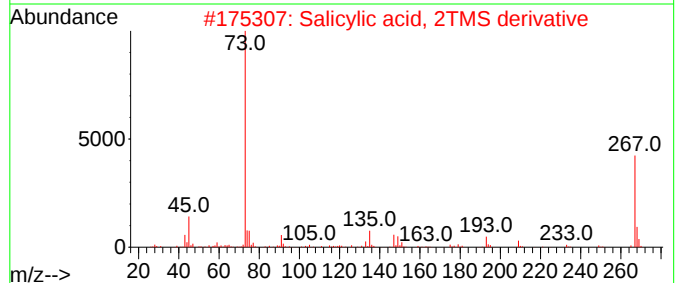
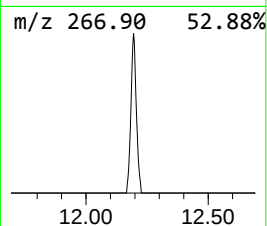
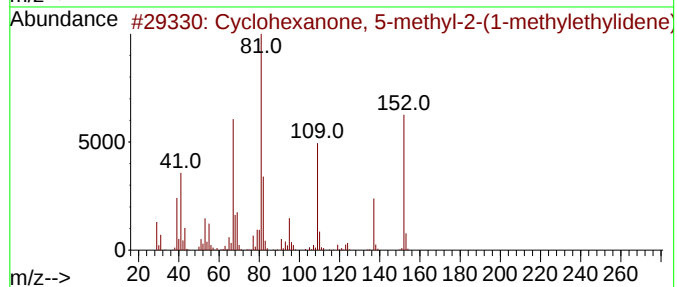
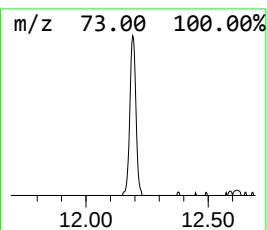
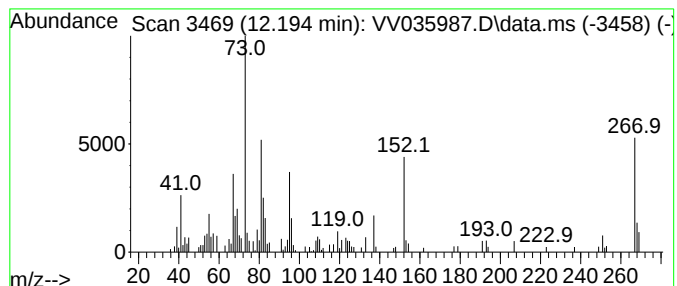
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 3 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.194	1.37 ug/L	79423	1,4-Dichlorobenzene-d4	11.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	47
2			Salicylic acid, 2TMS derivative	282	C13H22O3Si2	003789-85-3	35
3			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	35
4			Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	30
5			4-(4-Fluorophenyl)-2,3-dihydro-1...	267	C12H14FNOSSi	1010501-61-0	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
Data File : VV035987.D
Acq On : 06 Jun 2024 15:05
Operator : SY/MD
Sample : P2754-02
Misc : 4.72g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BP3

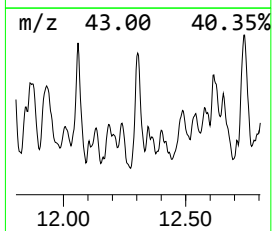
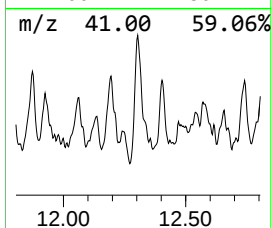
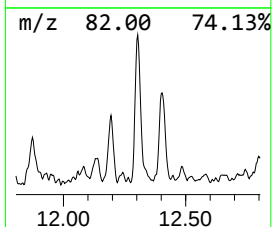
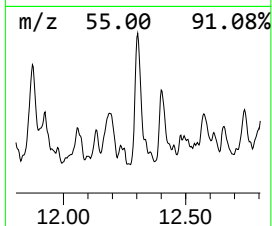
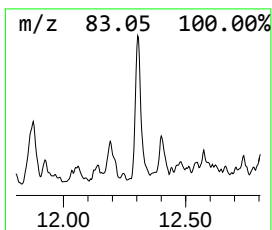
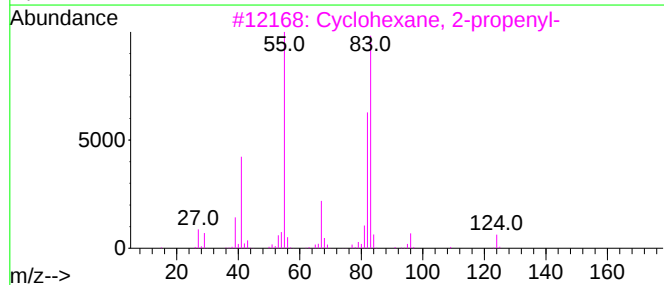
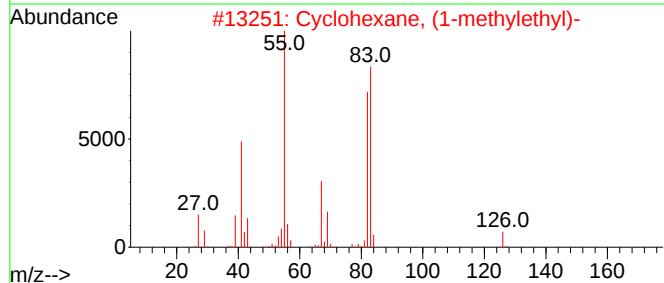
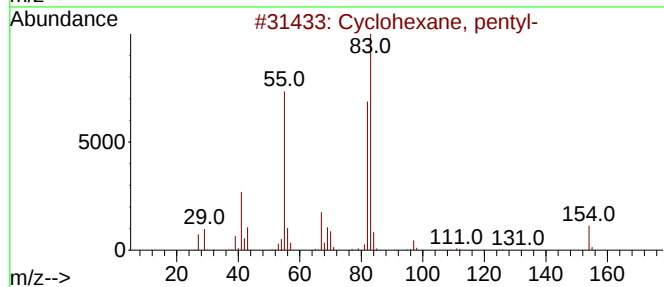
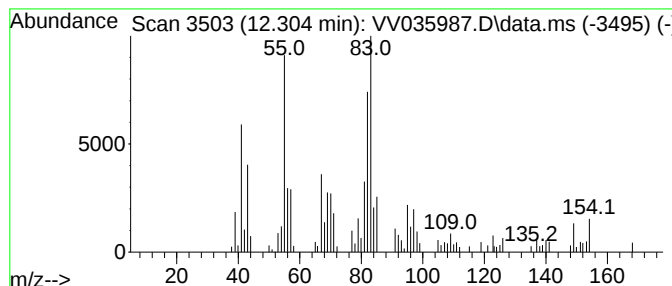
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Cyclic12.304 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.304	1.61 ug/L	93534	1,4-Dichlorobenzene-d4	11.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	49
3			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	47
4			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	46
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
Data File : VV035987.D
Acq On : 06 Jun 2024 15:05
Operator : SY/MD
Sample : P2754-02
Misc : 4.72g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BP3

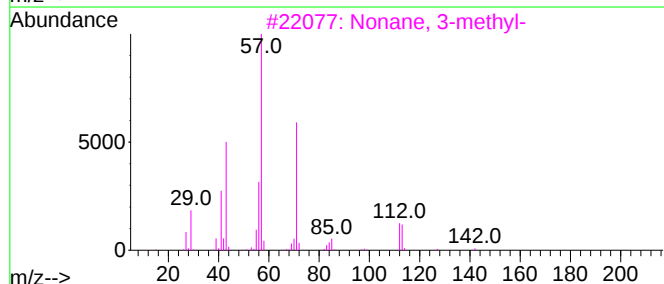
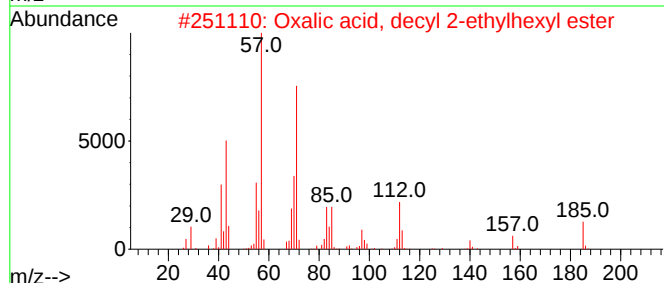
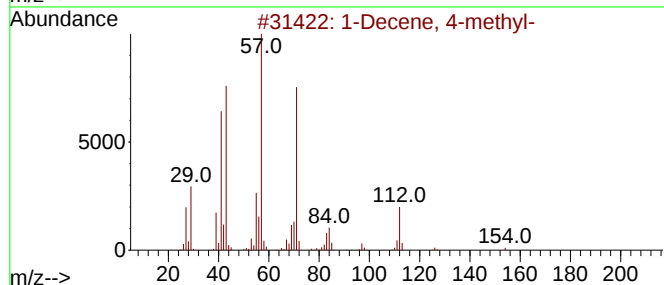
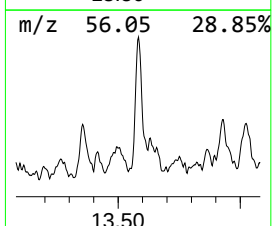
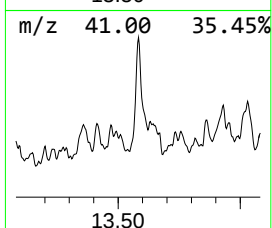
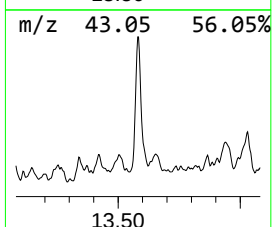
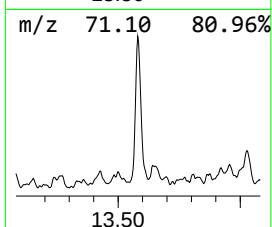
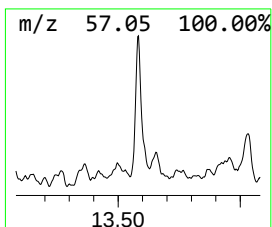
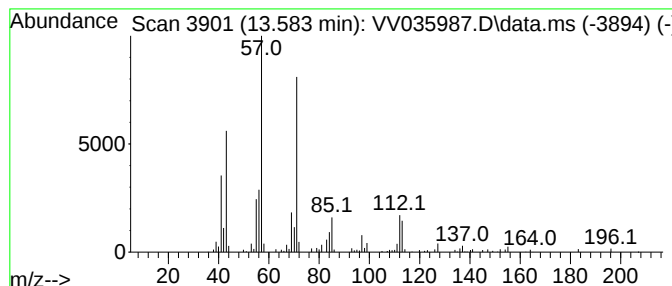
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.583	1.50 ug/L	86962	1,4-Dichlorobenzene-d4	11.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Decene, 4-methyl-	154	C11H22	013151-29-6	93
2			Oxalic acid, decyl 2-ethylhexyl ...	342	C20H38O4	1000309-39-3	80
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	78
4			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	72
5			Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
Data File : VV035987.D
Acq On : 06 Jun 2024 15:05
Operator : SY/MD
Sample : P2754-02
Misc : 4.72g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BP3

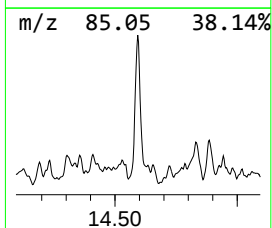
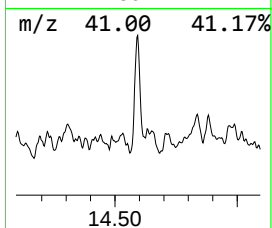
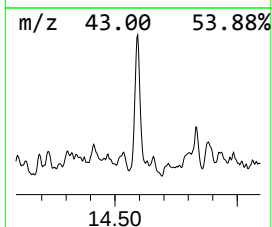
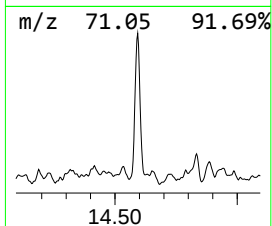
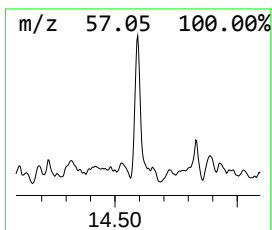
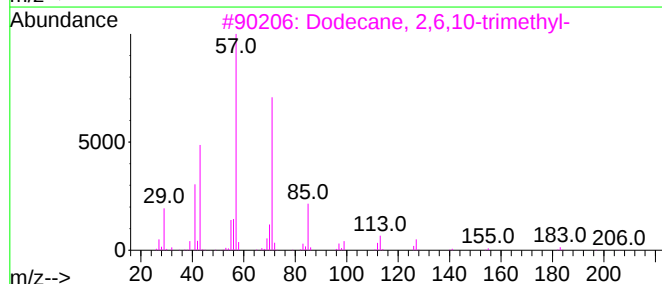
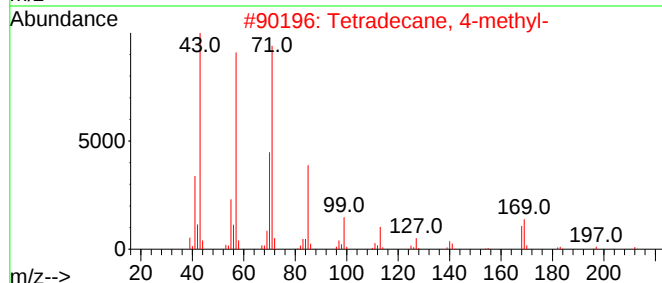
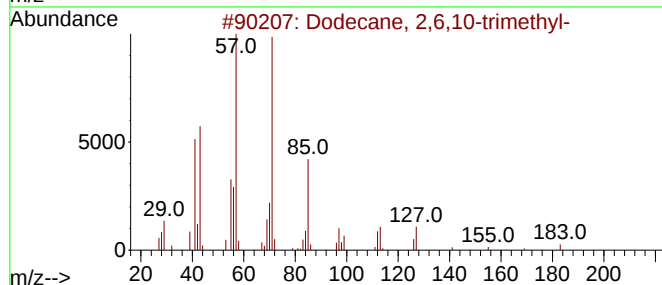
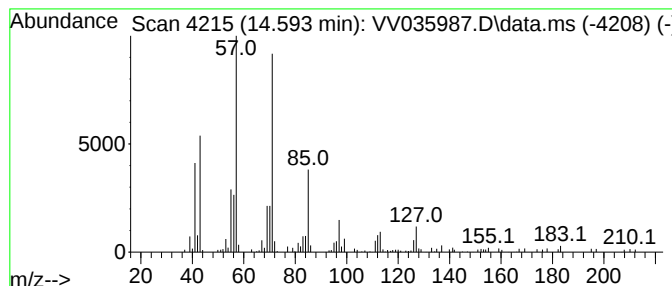
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.593	1.78 ug/L	103127	1,4-Dichlorobenzene-d4	11.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
2			Tetradecane, 4-methyl-	212	C15H32	025117-24-2	72
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
4			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
5			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
Data File : VV035987.D
Acq On : 06 Jun 2024 15:05
Operator : SY/MD
Sample : P2754-02
Misc : 4.72g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BP3

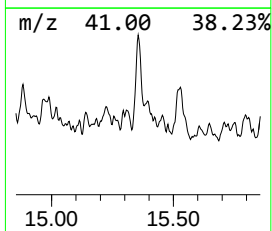
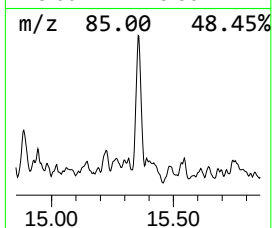
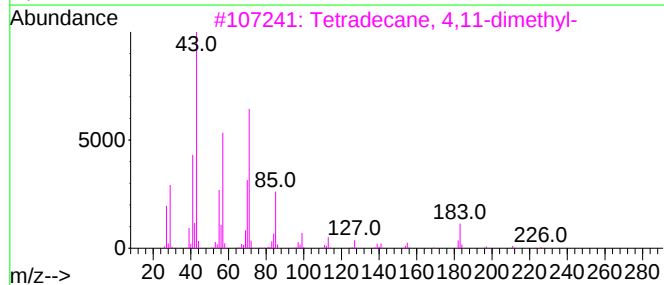
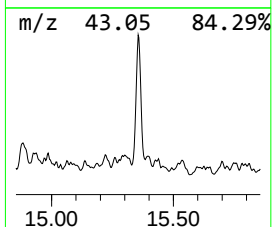
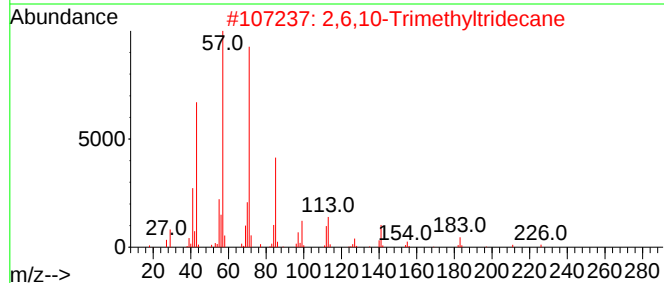
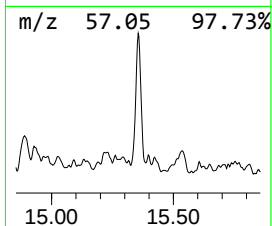
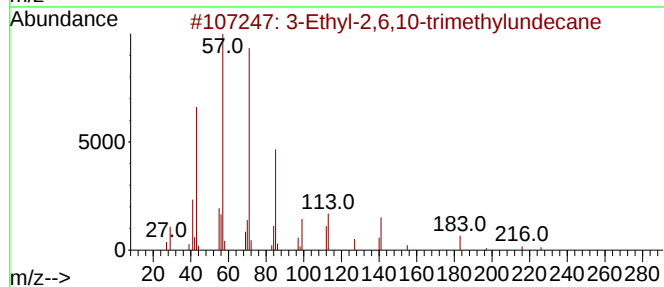
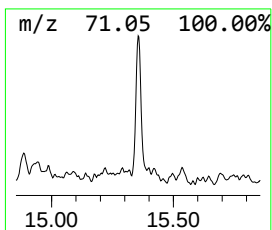
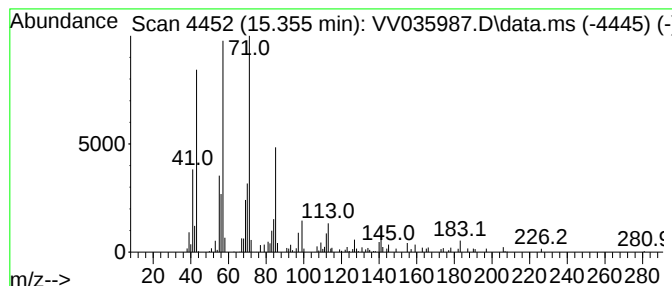
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.355	1.42 ug/L	82554	1,4-Dichlorobenzene-d4	11.182

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	97
2		2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	95
3		Tetradecane, 4,11-dimethyl-	226	C16H34	055045-12-0	74
4		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64
5		Octadecane, 2-methyl-	268	C19H40	001560-88-9	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
Data File : VV035987.D
Acq On : 06 Jun 2024 15:05
Operator : SY/MD
Sample : P2754-02
Misc : 4.72g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BP3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.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
unknown-01	12.194	1.4	ug/L	79423	3	11.182	1451820	25.0
(DEL) Alkane: C...	12.304	1.6	ug/L	93534	3	11.182	1451820	25.0
(DEL) Alkane: S...	13.583	1.5	ug/L	86962	3	11.182	1451820	25.0
(DEL) Alkane: S...	14.593	1.8	ug/L	103127	3	11.182	1451820	25.0
(DEL) Alkane: S...	15.355	1.4	ug/L	82554	3	11.182	1451820	25.0