

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050823\
 Data File : VW025891.D
 Acq On : 08 May 2023 19:40
 Operator : SY/MD
 Sample : 02612-24
 Misc : 3.64g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JREG5

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_W\Method\SFAMWLM050123SMA.M
 Title : SFAM01.0

Signal : TIC: VW025891.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.143	38	42	46	rBV	29989	53395	1.67%	0.254%
2	2.368	72	79	95	rBV	129321	362027	11.29%	1.719%
3	2.899	159	166	180	rVB	136150	385957	12.04%	1.833%
4	3.289	228	230	232	rVB3	1840	1517	0.05%	0.007%
5	3.509	263	266	267	rBV3	3013	3086	0.10%	0.015%
6	3.667	288	292	295	rBV6	1624	1747	0.05%	0.008%
7	3.728	299	302	303	rVB3	1999	1763	0.05%	0.008%
8	3.746	303	305	306	rBV2	1462	1344	0.04%	0.006%
9	3.856	320	323	324	rBV3	1623	2015	0.06%	0.010%
10	3.886	326	328	334	rVB7	3528	5489	0.17%	0.026%
11	4.027	334	351	362	rBV	302547	1043164	32.53%	4.954%
12	4.210	373	381	392	rVB	102927	281746	8.79%	1.338%
13	4.581	440	442	443	rBV2	2001	1775	0.06%	0.008%
14	4.752	468	470	474	rVB5	2338	1948	0.06%	0.009%
15	4.795	474	477	479	rBV4	1835	1881	0.06%	0.009%
16	4.917	485	497	517	rBV3	41986	175301	5.47%	0.833%
17	5.136	531	533	537	rBV5	1655	2336	0.07%	0.011%
18	5.307	560	561	564	rVV3	1733	1513	0.05%	0.007%
19	5.368	568	571	573	rVB4	1258	1428	0.04%	0.007%
20	5.386	573	574	578	rBV3	1290	1767	0.06%	0.008%
21	5.484	588	590	591	rBV2	1940	1310	0.04%	0.006%
22	5.551	600	601	603	rVB2	2234	1545	0.05%	0.007%
23	5.587	603	607	608	rBV4	1978	2506	0.08%	0.012%
24	5.782	637	639	641	rBV3	2576	2786	0.09%	0.013%
25	5.935	655	664	675	rVV3	13547	41307	1.29%	0.196%
26	6.020	675	678	681	rVB5	2461	2889	0.09%	0.014%
27	6.051	681	683	686	rVB4	1875	2003	0.06%	0.010%
28	6.075	686	687	691	rBV4	2082	2936	0.09%	0.014%
29	6.112	691	693	695	rBV3	1253	1416	0.04%	0.007%
30	6.246	713	715	717	rBV3	1765	1902	0.06%	0.009%
31	6.282	720	721	724	rVB3	1893	1445	0.05%	0.007%
32	6.380	734	737	738	rBV3	1531	1700	0.05%	0.008%
33	6.502	755	757	759	rBV3	1443	1311	0.04%	0.006%
34	6.587	768	771	772	rBV3	1876	1988	0.06%	0.009%
35	6.862	814	816	819	rBV4	863	1333	0.04%	0.006%
36	6.996	836	838	842	rVB5	1794	1862	0.06%	0.009%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050823\
 Data File : VW025891.D
 Acq On : 08 May 2023 19:40
 Operator : SY/MD
 Sample : 02612-24
 Misc : 3.64g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JREG5

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_W\Method\SFAMWLM050123SMA.M
 Title : SFAM01.0

37	7.075	842	851	862	rBV	96022	288633	9.00%	1.371%
38	7.301	886	888	890	rVB3	1950	1583	0.05%	0.008%
39	7.526	923	925	928	rBV3	1820	2386	0.07%	0.011%
40	7.648	934	945	960	rVV	541661	1303808	40.66%	6.192%
41	7.752	960	962	964	rVV3	1479	1549	0.05%	0.007%
42	7.788	967	968	972	rVB4	1969	1436	0.04%	0.007%
43	7.886	981	984	987	rBV5	1800	2717	0.08%	0.013%
44	7.941	991	993	996	rBV4	2582	1962	0.06%	0.009%
45	7.989	1000	1001	1004	rBV3	2110	2016	0.06%	0.010%
46	8.032	1004	1008	1009	rBV4	2235	2157	0.07%	0.010%
47	8.075	1013	1015	1019	rVB5	2208	2850	0.09%	0.014%
48	8.111	1019	1021	1023	rVB3	1779	1566	0.05%	0.007%
49	8.154	1023	1028	1033	rBV9	2539	6738	0.21%	0.032%
50	8.276	1036	1048	1066	rBV2	1090851	3206806	100.00%	15.230%
51	8.392	1066	1067	1071	rVV4	3168	3740	0.12%	0.018%
52	8.495	1082	1084	1088	rVB5	2073	2357	0.07%	0.011%
53	8.538	1088	1091	1093	rBV4	2411	3309	0.10%	0.016%
54	8.556	1093	1094	1100	rVB6	2158	2637	0.08%	0.013%
55	8.788	1130	1132	1133	rBV2	1662	1347	0.04%	0.006%
56	8.843	1133	1141	1151	rVV	1072377	2114059	65.92%	10.040%
57	9.014	1168	1169	1171	rBV2	1493	1275	0.04%	0.006%
58	9.270	1202	1211	1224	rBV	750042	1542430	48.10%	7.325%
59	9.477	1243	1245	1247	rBV3	1712	1378	0.04%	0.007%
60	9.599	1262	1265	1267	rBV4	1972	2248	0.07%	0.011%
61	9.904	1313	1315	1319	rVB4	1338	1275	0.04%	0.006%
62	9.940	1319	1321	1323	rBV3	2218	1513	0.05%	0.007%
63	9.971	1323	1326	1327	rVB3	1696	1550	0.05%	0.007%
64	10.032	1327	1336	1344	rBV	338103	617454	19.25%	2.932%
65	10.190	1360	1362	1364	rBV3	2057	2518	0.08%	0.012%
66	10.324	1375	1384	1391	rVV	1409807	2501075	77.99%	11.878%
67	10.385	1391	1394	1404	rVB	31073	56460	1.76%	0.268%
68	10.574	1419	1425	1434	rBV2	212477	374928	11.69%	1.781%
69	10.696	1439	1445	1450	rBV2	10879	21451	0.67%	0.102%
70	10.855	1466	1471	1472	rBV5	3061	4242	0.13%	0.020%
71	10.922	1475	1482	1500	rVV	355711	666931	20.80%	3.167%
72	11.330	1545	1549	1550	rBV4	1396	1294	0.04%	0.006%
73	11.379	1555	1557	1559	rBV3	1381	1318	0.04%	0.006%
74	11.629	1590	1598	1609	rVV	1314286	2191381	68.34%	10.407%
75	11.727	1610	1614	1619	rVV	16107	27636	0.86%	0.131%
76	11.788	1622	1624	1625	rVV2	2463	1531	0.05%	0.007%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050823\
 Data File : VW025891.D
 Acq On : 08 May 2023 19:40
 Operator : SY/MD
 Sample : 02612-24
 Misc : 3.64g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JREG5

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_W\Method\SFAMWLM050123SMA.M
 Title : SFAM01.0

77	11.830	1628	1631	1635	rVB6	4480	6760	0.21%	0.032%
78	11.934	1646	1648	1650	rBV3	2180	2913	0.09%	0.014%
79	12.019	1660	1662	1663	rBV2	1630	1386	0.04%	0.007%
80	12.086	1670	1673	1675	rBV4	1809	1392	0.04%	0.007%
81	12.178	1683	1688	1695	rVB2	18829	35544	1.11%	0.169%
82	12.470	1732	1736	1741	rVV7	2871	4883	0.15%	0.023%
83	12.519	1741	1744	1745	rVV3	2822	3383	0.11%	0.016%
84	12.568	1748	1752	1753	rBV4	1723	2199	0.07%	0.010%
85	12.598	1753	1757	1765	rVV4	12325	21320	0.66%	0.101%
86	12.690	1765	1772	1779	rVV	479538	788472	24.59%	3.745%
87	12.751	1780	1782	1786	rVB3	7184	7525	0.23%	0.036%
88	13.031	1825	1828	1830	rBV4	2131	3154	0.10%	0.015%
89	13.117	1839	1842	1846	rVB6	3002	3028	0.09%	0.014%
90	13.238	1860	1862	1863	rBV2	2150	1548	0.05%	0.007%
91	13.403	1886	1889	1890	rBV3	2408	2185	0.07%	0.010%
92	13.555	1907	1914	1924	rBV	885625	1408503	43.92%	6.689%
93	13.647	1924	1929	1934	rVB	28003	45066	1.41%	0.214%
94	13.848	1955	1962	1973	rVB	729186	1211114	37.77%	5.752%
95	14.007	1986	1988	1992	rVB5	2547	2653	0.08%	0.013%
96	14.061	1992	1997	2001	rBV	13617	21953	0.68%	0.104%
97	14.421	2052	2056	2060	rVB5	8220	10926	0.34%	0.052%
98	15.360	2208	2210	2212	rBV3	2993	2977	0.09%	0.014%
99	15.427	2215	2221	2226	rVV7	7724	16633	0.52%	0.079%
100	16.025	2314	2319	2327	rBV3	36884	76038	2.37%	0.361%

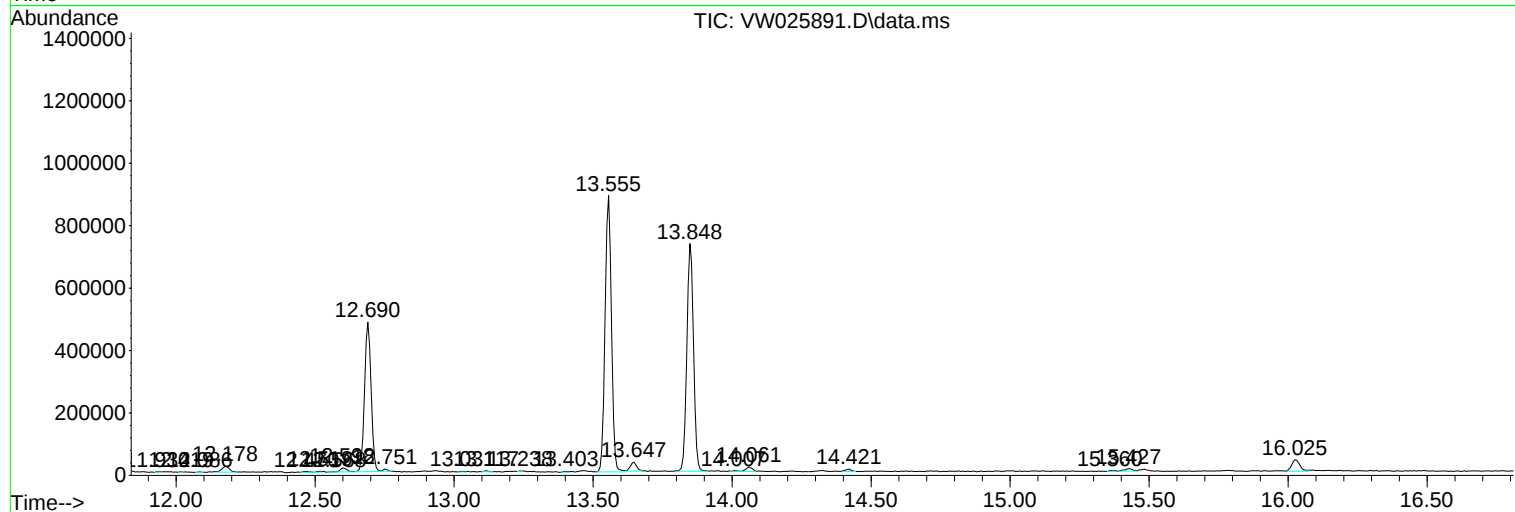
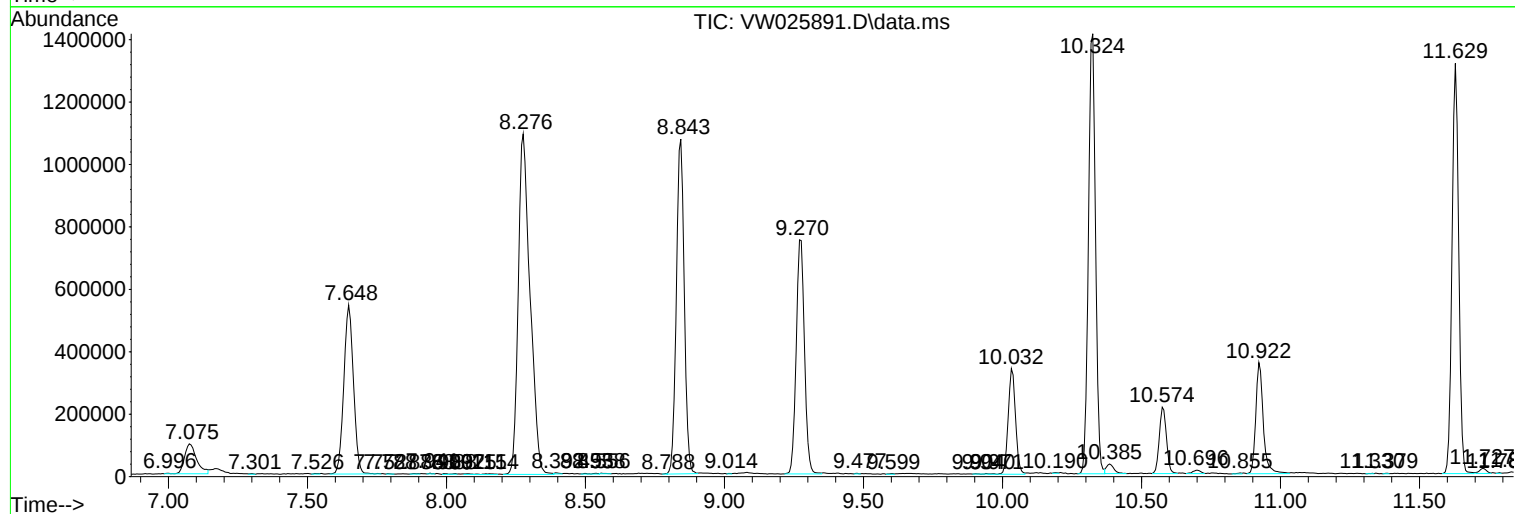
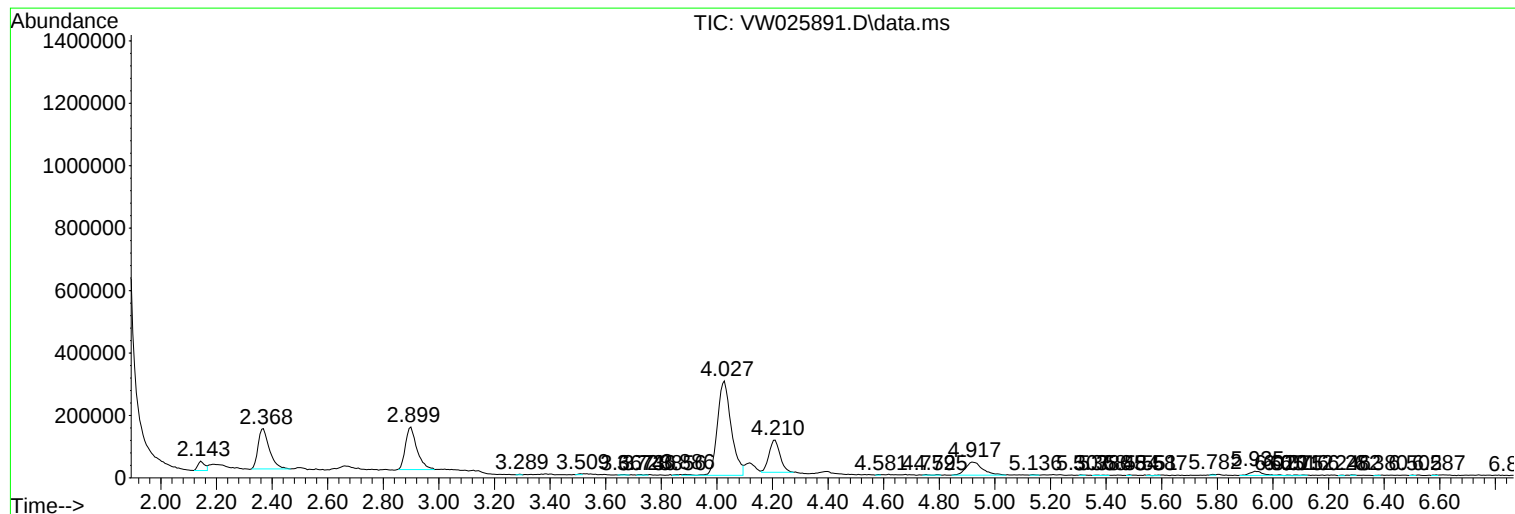
Sum of corrected areas: 21056537

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050823\
Data File : VW025891.D
Acq On : 08 May 2023 19:40
Operator : SY/MD
Sample : 02612-24
Misc : 3.64g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREG5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050823\
Data File : VW025891.D
Acq On : 08 May 2023 19:40
Operator : SY/MD
Sample : 02612-24
Misc : 3.64g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREG5

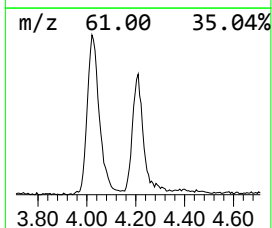
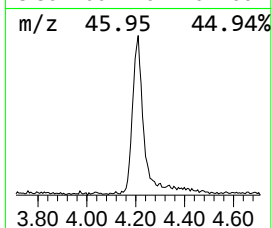
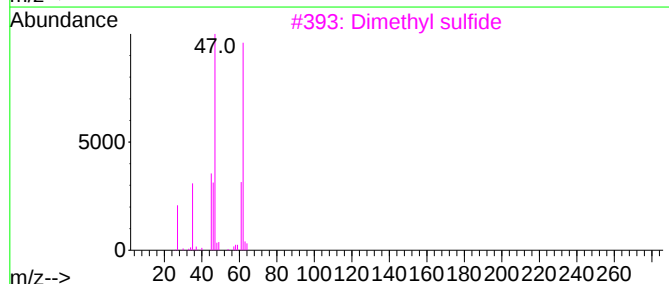
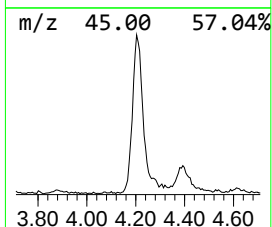
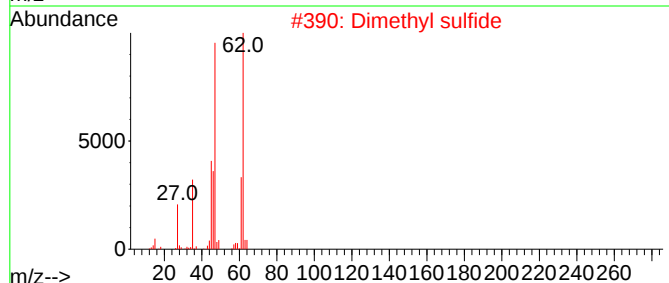
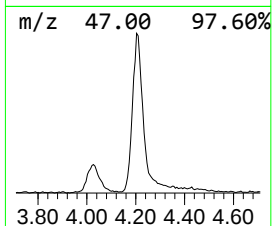
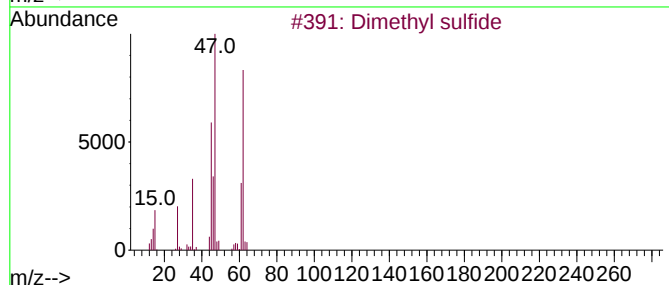
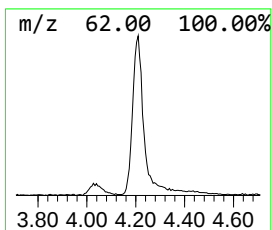
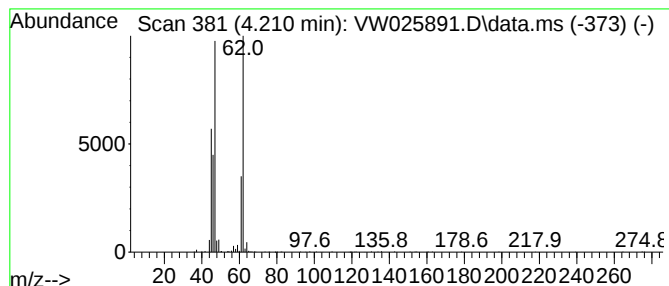
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Dimethyl sulfide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.210	3.33 ug/L	281746	1,4-Difluorobenzene	8.843

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050823\
Data File : VW025891.D
Acq On : 08 May 2023 19:40
Operator : SY/MD
Sample : 02612-24
Misc : 3.64g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREG5

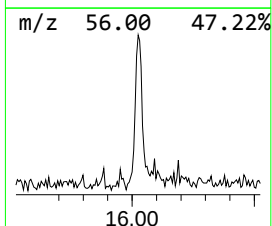
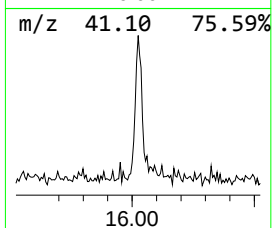
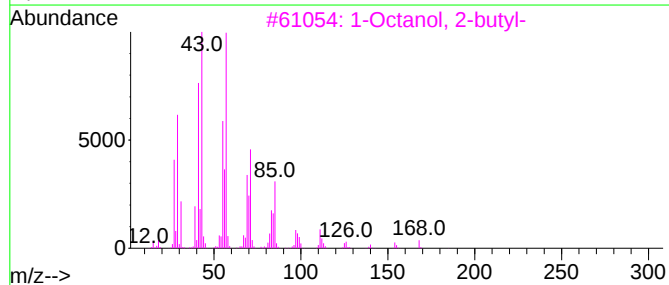
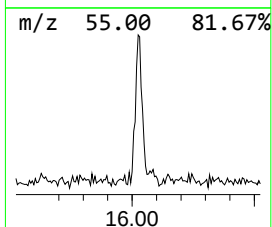
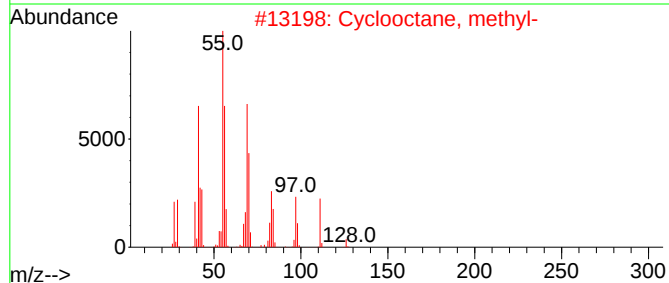
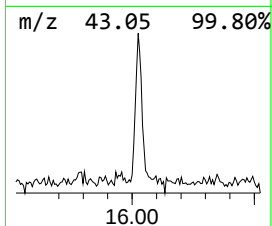
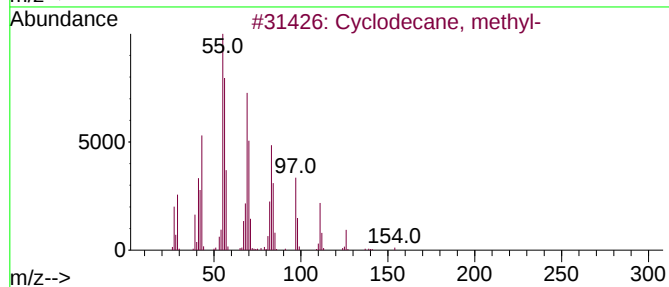
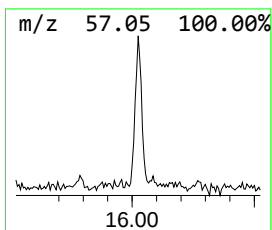
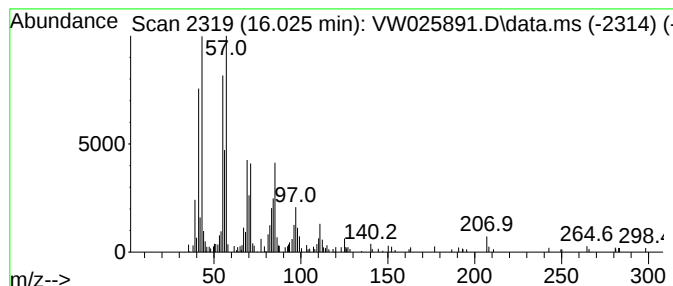
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Cyclic16.025 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.025	1.35 ug/L	76038	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclodecane, methyl-	154	C11H22	013151-43-4	83
2			Cyclooctane, methyl-	126	C9H18	001502-38-1	83
3			1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	64
4			2-Hexyl-1-octanol	214	C14H30O	019780-79-1	52
5			Oxalic acid, dodecyl hexyl ester	342	C20H38O4	1000309-24-6	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050823\
Data File : VW025891.D
Acq On : 08 May 2023 19:40
Operator : SY/MD
Sample : 02612-24
Misc : 3.64g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREG5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dimethyl sulfide	4.210	3.3	ug/L	281746	1	8.843	2114060	25.0
(DEL) Alkane: C...	16.025	1.4	ug/L	76038	3	13.556	1408500	25.0