LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051023\
Data File : VW025934.D
Acq On : 10 May 2023 16:53
Operator : SY/MD
Sample : 02689-01
Misc : 2.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREK7

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: VW025934.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	54	rBV	31919	100613	3.77%	0.567%
2	2.362	72	78	91	rVB	137967	332944	12.46%	1.878%
3	2.899	158	166	177	rBV	100896	277725	10.40%	1.566%
4	3.191	211	214	215	rBV3	2535	2776	0.10%	0.016%
5	3.393	242	247	252	rVB7	3241	7309	0.27%	0.041%
6	3.539	267	271	273	rBV4	2101	2575	0.10%	0.015%
7	3.563	273	275	279	rBV5	1200	1831	0.07%	0.010%
8	3.667	288	292	294	rBV5	1826	2948	0.11%	0.017%
9	3.691	294	296	300	rBV5	1748	1955	0.07%	0.011%
10	3.746	302	305	306	rBV3	2072	1820	0.07%	0.010%
11	3.844	317	321	322	rBV4	1734	1800	0.07%	0.010%
12	3.935	334	336	338	rVB3	2022	1751	0.07%	0.010%
13	4.021	338	350	362	rBV	292366	903246	33.81%	5.094%
14	4.295	393	395	400	rVB6	2218	2873	0.11%	0.016%
15	4.392	403	411	420	rVV7	5716	17837	0.67%	0.101%
16	4.581	439	442	443	rBV3	1856	1798	0.07%	0.010%
17	4.618	443	448	450	rBV6	2385	3851	0.14%	0.022%
18	4.837	482	484	486	rBV3	1877	2201	0.08%	0.012%
19	4.917	486	497	517	rVB2	86938	325002	12.17%	1.833%
20	5.087	523	525	527	rVB3	2749	2246	0.08%	0.013%
21	5.130	527	532	533	rBV5	2491	4129	0.15%	0.023%
22	5.167	537	538	541	rVB3	2010	1822	0.07%	0.010%
23	5.252	549	552	556	rBV5	2354	2962	0.11%	0.017%
24	5.392	573	575	578	rVV4	1556	1930	0.07%	0.011%
25	5.447	582	584	585	rVV2	2507	1810	0.07%	0.010%
26	5.472	585	588	593	rVB7	1442	2319	0.09%	0.013%
27	5.581	601	606	608	rBV6	1270	1752	0.07%	0.010%
28	5.941	650	665	675	rBV3	30777	95468	3.57%	0.538%
29	6.173	700	703	706	rBV5	2056	2037	0.08%	0.011%
30	6.691	784	788	792	rBV7	1787	3634	0.14%	0.020%
31	6.733	792	795	799	rBV6	1755	2855	0.11%	0.016%
32	6.941	827	829	832	rBV4	1711	2468	0.09%	0.014%
33	7.075	841	851	860	rBV	70491	204549	7.66%	1.154%
34	7.453	912	913	918	rBV5	1402	2235	0.08%	0.013%
35	7.648	935	945	959	rBV	444629	1090625	40.83%	6.151%
36	7.947	989	994	999	rVV9	2876	4861	0.18%	0.027%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051023\
Data File : VW025934.D
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Operator : SY/MD
Sample : 02689-01
Misc : 2.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREK7

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	8.044	1008	1010	1014	rVB5	2292	1977	0.07%	0.011%
38	8.178	1025	1032	1037	rVB5	1934	4000	0.15%	0.023%
39	8.276	1037	1048	1065	rBV2	919748	2671399	100.00%	15.066%
40	8.575	1095	1097	1101	rVB5	2453	2765	0.10%	0.016%
41	8.623	1101	1105	1106	rBV4	2030	1968	0.07%	0.011%
42	8.690	1110	1116	1118	rBV7	2710	4506	0.17%	0.025%
43	8.843	1131	1141	1153	rBV	910118	1778279	66.57%	10.029%
44	8.928	1153	1155	1159	rVB5	2598	2984	0.11%	0.017%
45	9.075	1175	1179	1180	rBV4	2044	2683	0.10%	0.015%
46	9.276	1202	1212	1221	rBV	625762	1288107	48.22%	7.265%
47	9.428	1234	1237	1240	rBV5	1571	2068	0.08%	0.012%
48	9.526	1251	1253	1257	rVB5	1982	2521	0.09%	0.014%
49	9.648	1268	1273	1274	rBV5	2361	3084	0.12%	0.017%
50	9.666	1274	1276	1283	rVB8	2551	4247	0.16%	0.024%
51	9.873	1307	1310	1312	rBV4	2086	2586	0.10%	0.015%
52	10.032	1329	1336	1344	rBV	269999	501545	18.77%	2.829%
53	10.324	1374	1384	1390	rBV	1120571	1996920	74.75%	11.262%
54	10.385	1390	1394	1402	rVB	143147	248060	9.29%	1.399%
55	10.501	1410	1413	1418	rVB6	3535	6108	0.23%	0.034%
56	10.574	1419	1425	1435	rVV	170139	297856	11.15%	1.680%
57	10.702	1440	1446	1451	rBV2	13425	24815	0.93%	0.140%
58	10.873	1470	1474	1475	rBV4	1312	1964	0.07%	0.011%
59	10.922	1476	1482	1494	rBV	257869	455234	17.04%	2.567%
60	11.056	1501	1504	1505	rBV3	1480	2062	0.08%	0.012%
61	11.178	1522	1524	1526	rBV2	2251	2003	0.07%	0.011%
62	11.397	1557	1560	1565	rBV7	1788	3081	0.12%	0.017%
63	11.550	1584	1585	1588	rVB3	2147	1868	0.07%	0.011%
64	11.629	1588	1598	1607	rBV	1027024	1707641	63.92%	9.631%
65	11.733	1611	1615	1621	rVB6	6745	13498	0.51%	0.076%
66	11.836	1627	1632	1639	rVB2	12380	26726	1.00%	0.151%
67	11.983	1653	1656	1657	rBV3	1742	2012	0.08%	0.011%
68	12.135	1675	1681	1682	rBV6	2195	3126	0.12%	0.018%
69	12.159	1682	1685	1692	rVB3	7827	13999	0.52%	0.079%
70	12.330	1711	1713	1714	rBV2	2173	2219	0.08%	0.013%
71	12.464	1729	1735	1740	rBV8	9635	19931	0.75%	0.112%
72	12.519	1741	1744	1749	rVB5	6346	9159	0.34%	0.052%
73	12.604	1750	1758	1763	rBV2	16956	32568	1.22%	0.184%
74	12.690	1766	1772	1780	rVB	352477	585726	21.93%	3.303%
75	12.799	1787	1790	1794	rBV5	2660	4200	0.16%	0.024%
76	12.860	1796	1800	1805	rVV5	9091	14302	0.54%	0.081%

LSC Area Percent Report

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Sample : 02689-01
Misc : 2.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREK7

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	12.921	1805	1810	1821	rVV5	27236	64251	2.41%	0.362%
78	13.031	1823	1828	1833	rVB8	5734	12615	0.47%	0.071%
79	13.098	1835	1839	1846	rVB8	4844	9823	0.37%	0.055%
80	13.251	1859	1864	1868	rBV2	12805	21709	0.81%	0.122%
81	13.446	1891	1896	1899	rBV3	20276	33992	1.27%	0.192%
82	13.494	1899	1904	1908	rVV	112785	178573	6.68%	1.007%
83	13.555	1908	1914	1925	rVV	687766	1118109	41.85%	6.306%
84	13.647	1926	1929	1934	rVV4	9090	14533	0.54%	0.082%
85	13.757	1942	1947	1955	rVV4	5033	12008	0.45%	0.068%
86	13.848	1955	1962	1972	rVB	565320	930158	34.82%	5.246%
87	14.061	1991	1997	2006	rBV	27312	48724	1.82%	0.275%
88	14.257	2027	2029	2031	rVB3	2423	1978	0.07%	0.011%
89	14.275	2031	2032	2035	rBV3	2061	2336	0.09%	0.013%
90	14.415	2051	2055	2058	rVV5	7346	12364	0.46%	0.070%
91	14.452	2059	2061	2065	rVB5	4928	5507	0.21%	0.031%
92	14.665	2093	2096	2097	rBV3	2140	2175	0.08%	0.012%
93	14.793	2112	2117	2125	rBV3	6568	19212	0.72%	0.108%
94	14.921	2136	2138	2140	rBV2	2553	2209	0.08%	0.012%
95	15.012	2151	2153	2156	rBV4	1768	1755	0.07%	0.010%
96	15.055	2156	2160	2161	rBV4	3449	4543	0.17%	0.026%
97	15.110	2168	2169	2175	rBV6	2522	2885	0.11%	0.016%
98	15.348	2205	2208	2212	rBV5	3584	6089	0.23%	0.034%
99	15.427	2215	2221	2225	rVV2	18841	34601	1.30%	0.195%
100	15.482	2227	2230	2237	rVB2	11250	20817	0.78%	0.117%

Sum of corrected areas: 17731320

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051023\
Data File : VW025934.D
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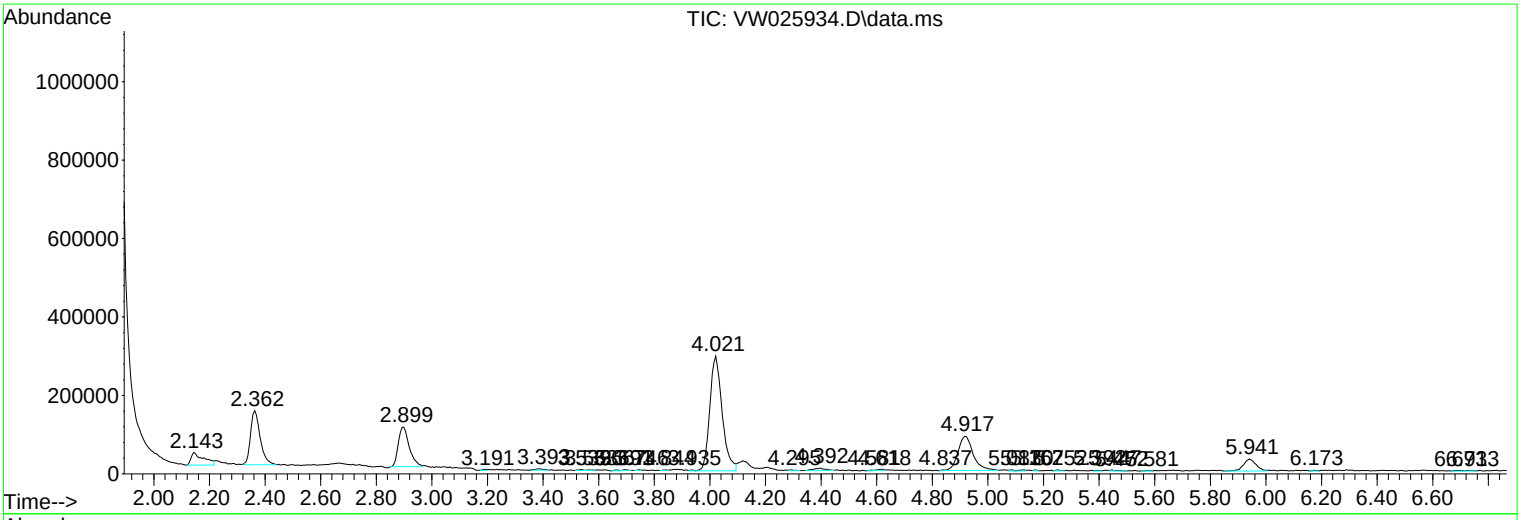
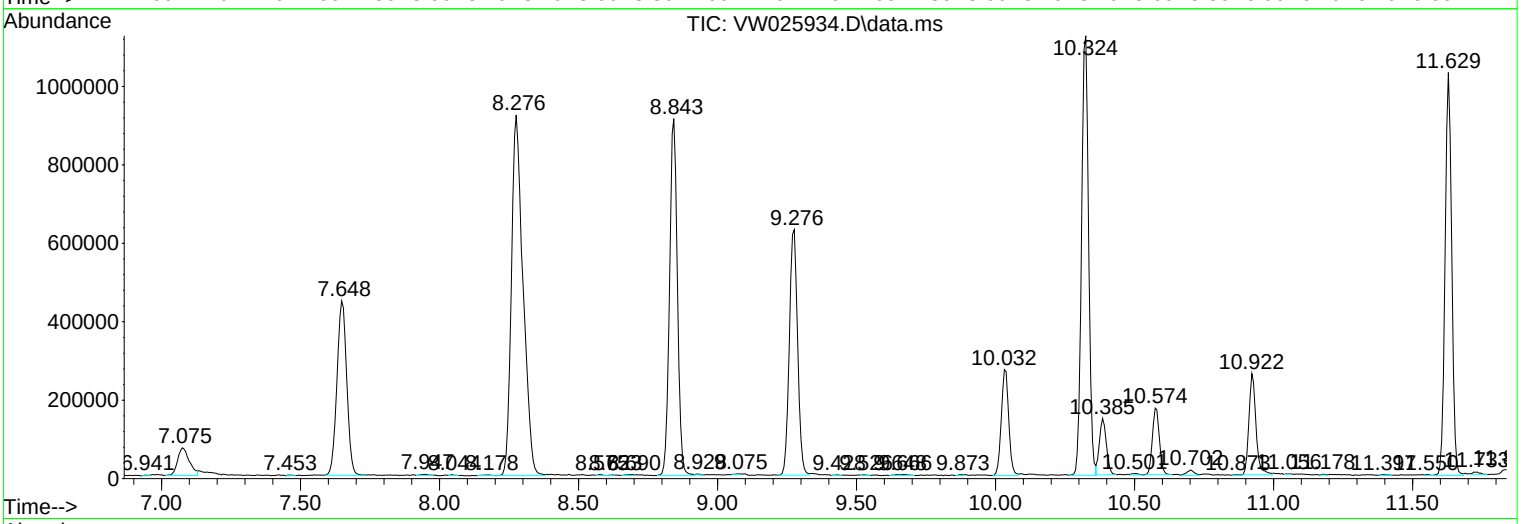
Operator : SY/MD
Sample : 02689-01
Misc : 2.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

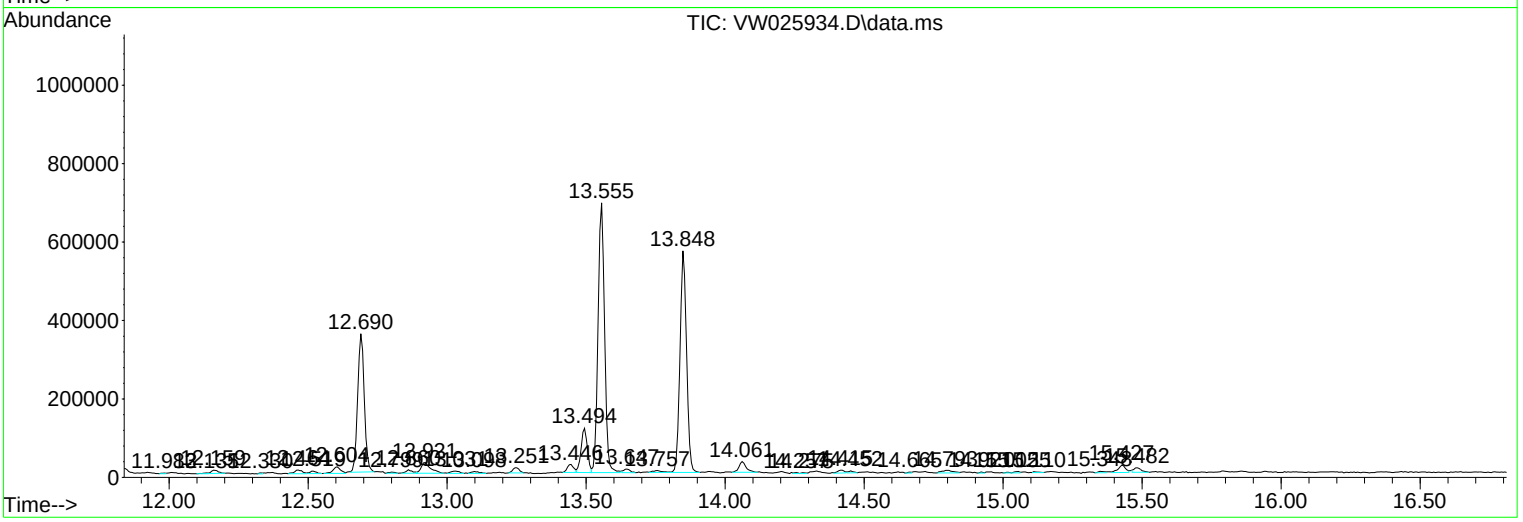
Instrument :
MSVOA_W
ClientSampleId :
JREK7

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\VW051023\
Data File : VW025934.D
Acq On : 10 May 2023 16:53
Operator : SY/MD
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREK7

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

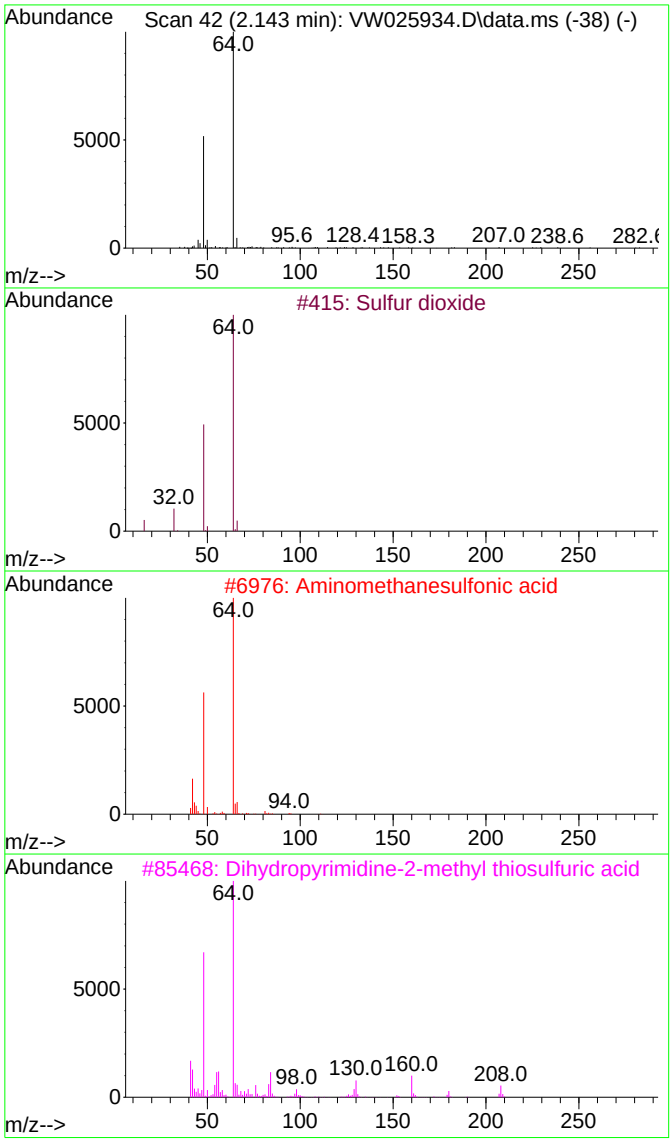
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

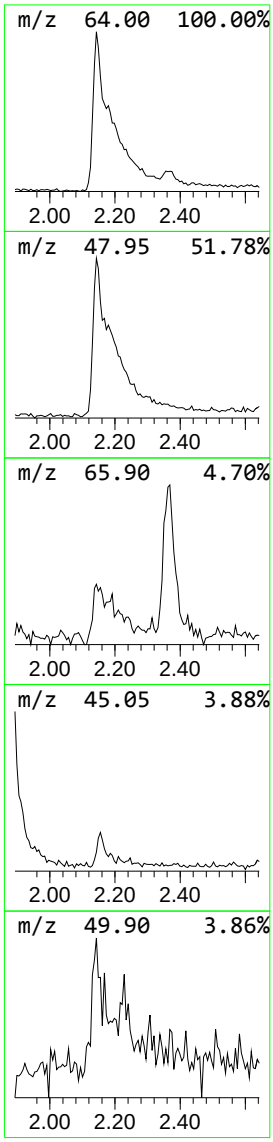
****

Peak Number 1 Sulfur dioxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.143	1.41 ug/L	100613	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	74
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3	Dihydropyrimidine-2-methyl thios...	208	C5H8N2O3S2	1000256-28-8	64
4	Thiosulfuric acid S-[2-[[5-[O-to...	347	C15H25NO4S2	038920-47-7	64
5	Dibenzo[cd,g]indazole-3-sulfonic...	300	C14H8N2O4S	293765-87-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051023\
Data File : VW025934.D
Acq On : 10 May 2023 16:53
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREK7

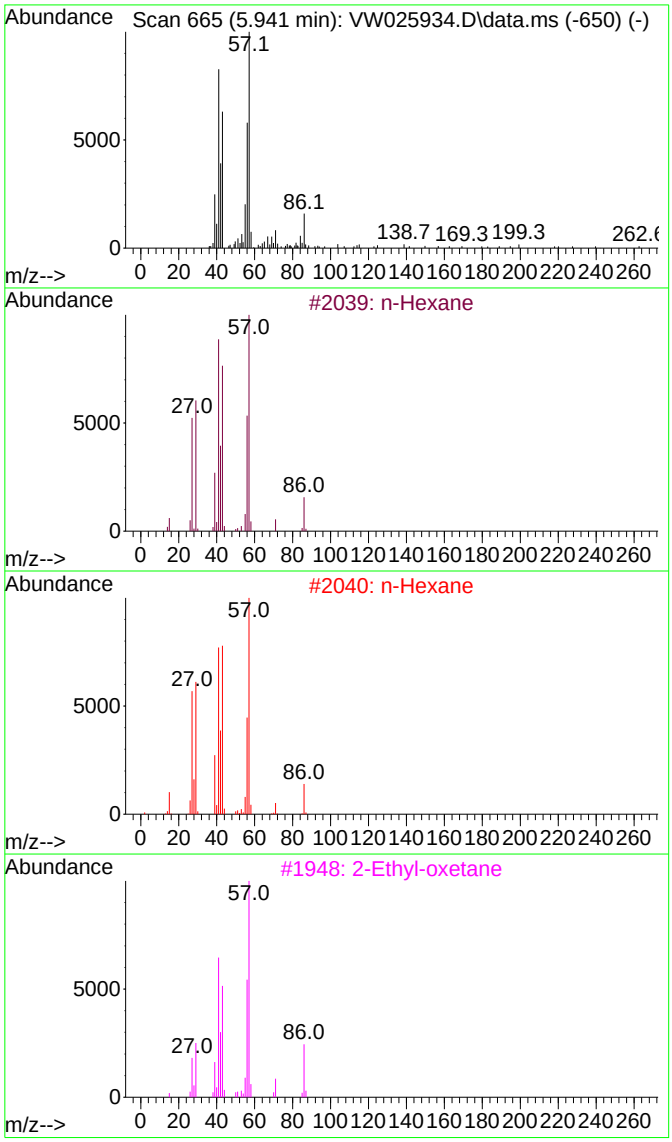
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

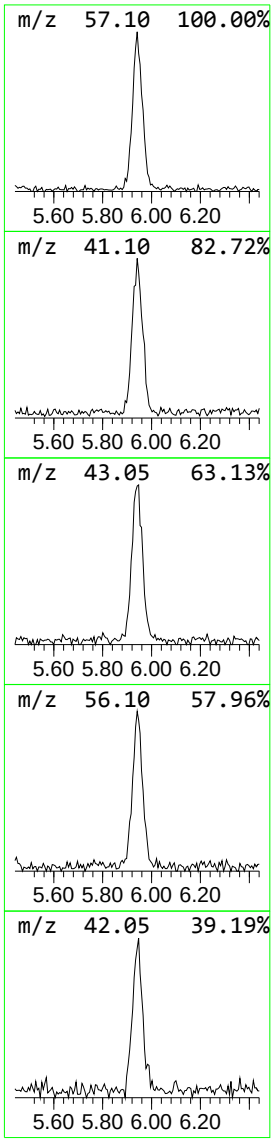
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.941	1.34 ug/L	95468	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	90
2	n-Hexane	86	C6H14	000110-54-3	86
3	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	64
4	1-Butanol	74	C4H10O	000071-36-3	50
5	n-Hexane	86	C6H14	000110-54-3	50





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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREK7

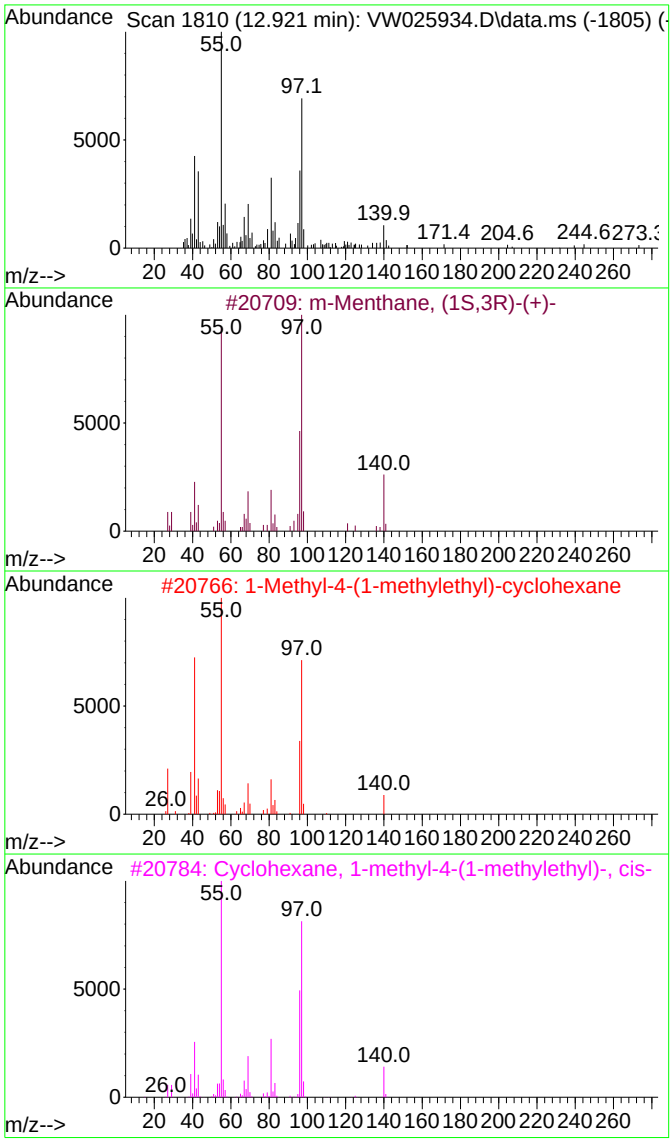
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

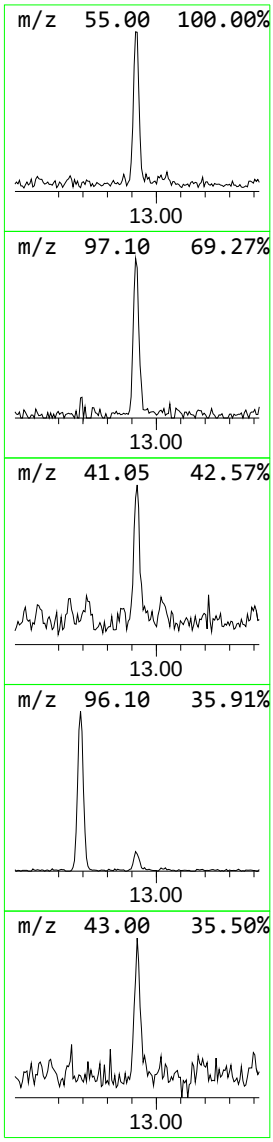
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.921	1.44 ug/L	64251	1,4-Dichlorobenzene-d4	13.555

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	86
2	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	76
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	74
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	72
5	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051023\
Data File : VW025934.D
Acq On : 10 May 2023 16:53
Operator : SY/MD
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Misc : 2.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREK7

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

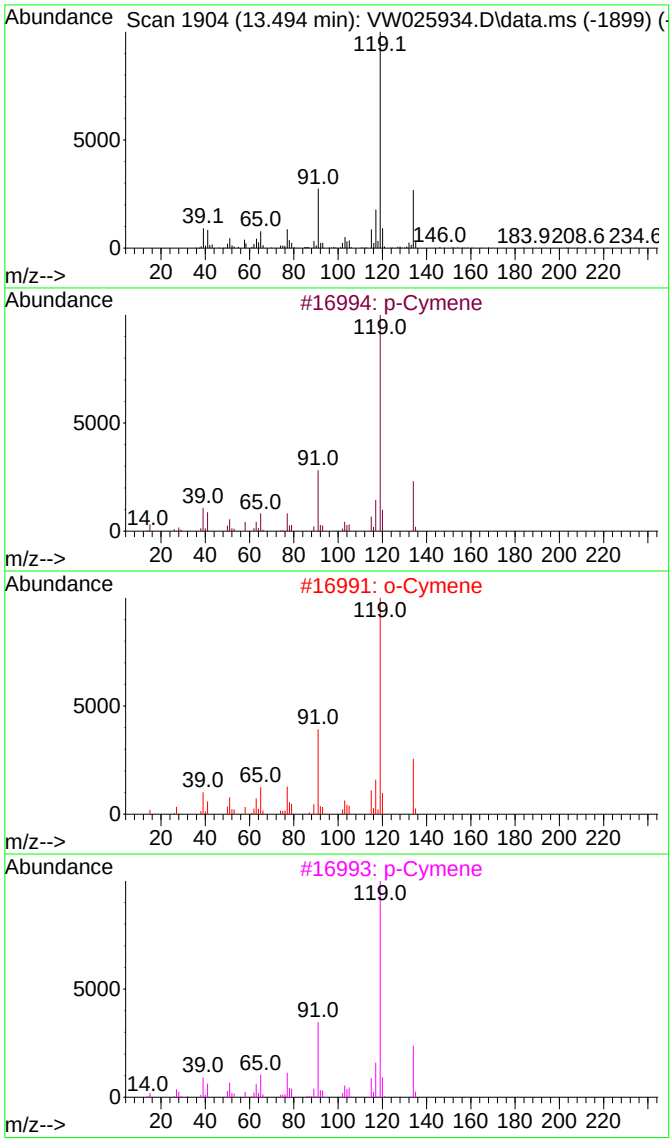
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

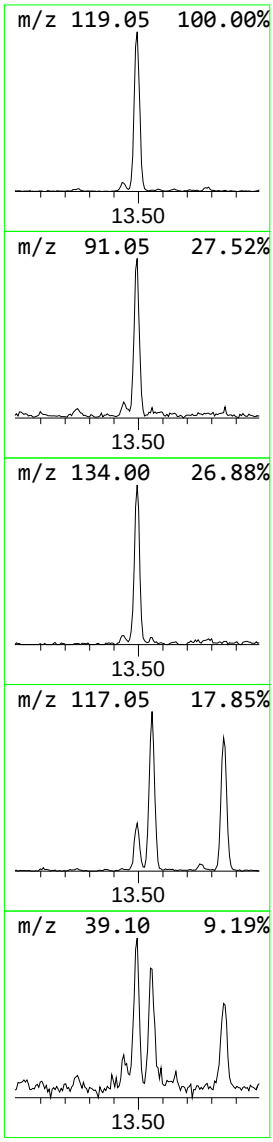
****

Peak Number 5 p-Cymene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.495	3.99 ug/L	178573	1,4-Dichlorobenzene-d4	13.555

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	94
2	o-Cymene	134	C10H14	000527-84-4	94
3	p-Cymene	134	C10H14	000099-87-6	93
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051023\
Data File : VW025934.D
Acq On : 10 May 2023 16:53
Operator : SY/MD
Sample : 02689-01
Misc : 2.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREK7

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	2.143	1.4	ug/L	100613	1	8.843	1778280	25.0
(DEL) Alkane: S...	5.941	1.3	ug/L	95468	1	8.843	1778280	25.0
(DEL) Alkane: S...	12.921	1.4	ug/L	64251	3	13.555	1118110	25.0
p-Cymene	13.495	4.0	ug/L	178573	3	13.555	1118110	25.0