LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081524\
Data File : VW029909.D
Acq On : 15 Aug 2024 16:43
Operator : SY/MD
Sample : P3626-04
Misc : 3.36g/10mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYD3

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\SFAMWLM072424SMA.M
Title : SFAM01.0

Signal : TIC: VW029909.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.180	43	48	49	rBV3	1277	1937	0.24%	0.027%
2	2.363	71	78	93	rBV	43746	120499	15.17%	1.668%
3	2.747	139	141	143	rBV3	1620	1439	0.18%	0.020%
4	2.899	159	166	185	rVB	35671	108054	13.61%	1.496%
5	3.283	227	229	231	rBV3	805	591	0.07%	0.008%
6	3.387	240	246	255	rVB3	4838	11882	1.50%	0.165%
7	3.454	255	257	260	rBV3	647	858	0.11%	0.012%
8	3.624	282	285	287	rBV4	480	626	0.08%	0.009%
9	4.021	338	350	363	rBV2	76128	261809	32.97%	3.625%
10	4.137	363	369	385	rVB2	22135	68764	8.66%	0.952%
11	4.643	450	452	455	rBV3	609	676	0.09%	0.009%
12	4.679	455	458	459	rBV3	561	731	0.09%	0.010%
13	4.923	487	498	510	rBV2	11599	48662	6.13%	0.674%
14	5.228	544	548	552	rVB4	556	972	0.12%	0.013%
15	5.789	636	640	643	rBV4	861	1679	0.21%	0.023%
16	5.941	651	665	674	rBV7	4137	12782	1.61%	0.177%
17	6.100	687	691	692	rVV	641	801	0.10%	0.011%
18	6.112	692	693	696	rVV2	651	780	0.10%	0.011%
19	6.142	696	698	700	rVV3	682	597	0.08%	0.008%
20	6.898	815	822	823	rBV4	2710	4356	0.55%	0.060%
21	7.087	844	853	860	rBV	22974	68467	8.62%	0.948%
22	7.648	935	945	961	rVV	139889	352487	44.38%	4.881%
23	7.770	961	965	968	rVB3	854	1269	0.16%	0.018%
24	7.807	968	971	974	rVB2	743	899	0.11%	0.012%
25	7.862	977	980	983	rBV3	419	660	0.08%	0.009%
26	7.983	998	1000	1006	rVB4	490	708	0.09%	0.010%
27	8.276	1038	1048	1063	rBV2	267997	794196	100.00%	10.996%
28	8.398	1067	1068	1071	rVV3	1021	782	0.10%	0.011%
29	8.550	1089	1093	1097	rVV5	1251	2402	0.30%	0.033%
30	8.605	1099	1102	1104	rVB4	573	640	0.08%	0.009%
31	8.703	1110	1118	1129	rBV	16895	38362	4.83%	0.531%
32	8.843	1132	1141	1153	rBV	381680	740114	93.19%	10.248%
33	9.075	1176	1179	1184	rVV8	1424	2096	0.26%	0.029%
34	9.270	1203	1211	1221	rBV	185357	384300	48.39%	5.321%
35	9.410	1227	1234	1243	rVB	36006	69681	8.77%	0.965%
36	9.678	1276	1278	1282	rVB3	753	892	0.11%	0.012%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081524\
Data File : VW029909.D
Acq On : 15 Aug 2024 16:43
Operator : SY/MD
Sample : P3626-04
Misc : 3.36g/10mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYD3

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\SFAMWLM072424SMA.M
Title : SFAM01.0

37	10.032	1328	1336	1347	rBV	92513	170480	21.47%	2.360%
38	10.318	1372	1383	1391	rBV	350426	651042	81.97%	9.014%
39	10.385	1391	1394	1400	rVB	9077	15389	1.94%	0.213%
40	10.507	1409	1414	1417	rBV4	1651	2496	0.31%	0.035%
41	10.574	1419	1425	1433	rBV	58916	104251	13.13%	1.443%
42	10.702	1439	1446	1450	rBV2	7783	13675	1.72%	0.189%
43	10.861	1467	1472	1475	rBV5	818	1352	0.17%	0.019%
44	10.922	1475	1482	1494	rBV	95638	167710	21.12%	2.322%
45	11.068	1499	1506	1521	rBV	346016	554225	69.78%	7.674%
46	11.337	1548	1550	1553	rVB4	594	567	0.07%	0.008%
47	11.568	1584	1588	1590	rBV4	1120	1795	0.23%	0.025%
48	11.629	1591	1598	1608	rVV	451413	768817	96.80%	10.645%
49	11.843	1628	1633	1640	rVV5	8663	18993	2.39%	0.263%
50	11.891	1640	1641	1643	rVV2	1116	815	0.10%	0.011%
51	11.946	1647	1650	1655	rVV6	1095	1758	0.22%	0.024%
52	12.019	1656	1662	1668	rVB	6260	11252	1.42%	0.156%
53	12.172	1682	1687	1692	rVB6	1717	3354	0.42%	0.046%
54	12.233	1695	1697	1700	rVV4	1165	1474	0.19%	0.020%
55	12.263	1700	1702	1705	rVB3	720	803	0.10%	0.011%
56	12.336	1706	1714	1726	rBV4	18709	37452	4.72%	0.519%
57	12.464	1729	1735	1748	rVB	49649	91585	11.53%	1.268%
58	12.598	1751	1757	1762	rBV3	6458	11157	1.40%	0.154%
59	12.690	1764	1772	1786	rVB	142956	253627	31.94%	3.512%
60	12.861	1796	1800	1802	rBV3	735	876	0.11%	0.012%
61	12.909	1803	1808	1809	rBV5	1222	1715	0.22%	0.024%
62	12.934	1809	1812	1813	rBV2	1849	1910	0.24%	0.026%
63	13.037	1824	1829	1832	rBV3	3188	5168	0.65%	0.072%
64	13.092	1833	1838	1843	rVV5	4505	8762	1.10%	0.121%
65	13.153	1845	1848	1852	rVB4	2976	4232	0.53%	0.059%
66	13.208	1854	1857	1860	rBV5	1016	1729	0.22%	0.024%
67	13.281	1867	1869	1876	rVB6	1451	2530	0.32%	0.035%
68	13.391	1878	1887	1894	rBV2	26078	44470	5.60%	0.616%
69	13.464	1894	1899	1907	rVB3	27110	48133	6.06%	0.666%
70	13.556	1907	1914	1921	rBV	348275	566282	71.30%	7.841%
71	13.848	1955	1962	1972	rBV	206557	348960	43.94%	4.832%
72	13.995	1981	1986	1993	rBV6	8718	18311	2.31%	0.254%
73	14.068	1993	1998	2006	rVV3	13379	26409	3.33%	0.366%
74	14.147	2008	2011	2016	rVB4	2969	4636	0.58%	0.064%
75	14.220	2022	2023	2027	rVB4	978	634	0.08%	0.009%
76	14.318	2034	2039	2048	rBV2	19781	33556	4.23%	0.465%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081524\
Data File : VW029909.D
Acq On : 15 Aug 2024 16:43
Operator : SY/MD
Sample : P3626-04
Misc : 3.36g/10mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYD3

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\SFAMWLM072424SMA.M
Title : SFAM01.0

77	14.427	2052	2057	2059	rBV6	467	658	0.08%	0.009%
78	14.519	2068	2072	2075	rVB5	1460	2244	0.28%	0.031%
79	14.543	2075	2076	2080	rBV3	640	792	0.10%	0.011%
80	14.610	2085	2087	2088	rBV2	661	684	0.09%	0.009%
81	14.690	2093	2100	2109	rBV3	10919	20594	2.59%	0.285%
82	14.793	2116	2117	2121	rVB3	826	887	0.11%	0.012%
83	14.830	2121	2123	2124	rBV2	772	617	0.08%	0.009%
84	14.866	2124	2129	2133	rVB5	1754	3281	0.41%	0.045%
85	14.909	2133	2136	2138	rBV3	564	612	0.08%	0.008%
86	14.946	2138	2142	2151	rVB8	3772	6297	0.79%	0.087%
87	15.074	2160	2163	2164	rBV3	680	728	0.09%	0.010%
88	15.104	2164	2168	2169	rBV4	1958	2350	0.30%	0.033%
89	15.202	2175	2184	2187	rBV6	4359	9099	1.15%	0.126%
90	15.244	2187	2191	2197	rVB3	13253	22842	2.88%	0.316%
91	15.482	2228	2230	2233	rBV3	670	872	0.11%	0.012%
92	15.513	2233	2235	2242	rVV6	862	1609	0.20%	0.022%
93	15.580	2245	2246	2249	rVV3	671	650	0.08%	0.009%
94	15.842	2283	2289	2298	rBV3	14537	28348	3.57%	0.393%
95	15.952	2301	2307	2315	rVB7	2908	6735	0.85%	0.093%
96	16.012	2315	2317	2318	rBV2	1102	900	0.11%	0.012%
97	16.159	2339	2341	2345	rVB5	669	778	0.10%	0.011%
98	16.201	2345	2348	2349	rBV3	715	624	0.08%	0.009%
99	16.281	2358	2361	2364	rBV3	505	669	0.08%	0.009%
100	16.640	2418	2420	2423	rBV2	597	640	0.08%	0.009%

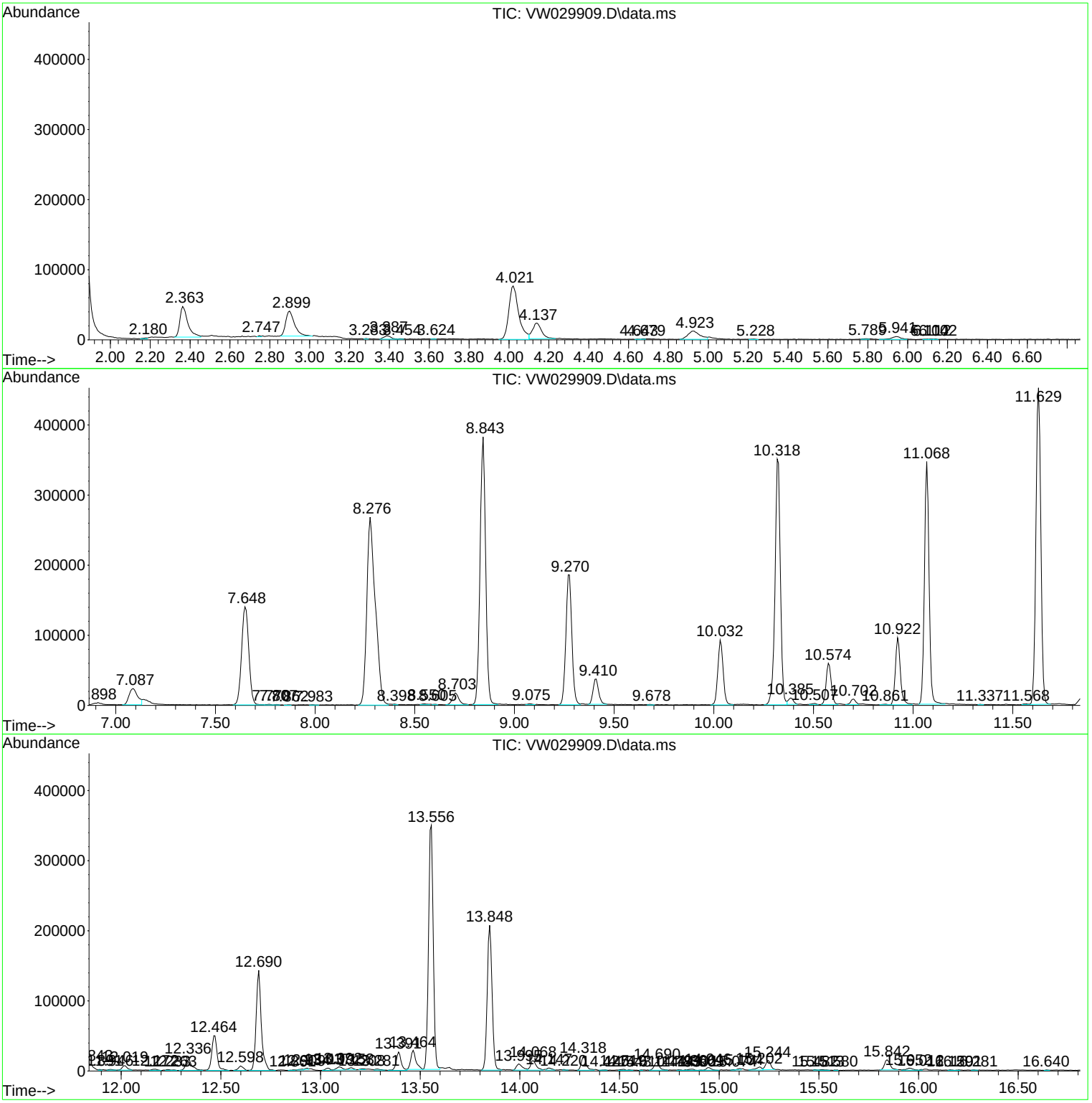
Sum of corrected areas: 7222342

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081524\
Data File : VW029909.D
Acq On : 15 Aug 2024 16:43
Operator : SY/MD
Sample : P3626-04
Misc : 3.36g/10mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYD3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081524\
Data File : VW029909.D
Acq On : 15 Aug 2024 16:43
Operator : SY/MD
Sample : P3626-04
Misc : 3.36g/10mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYD3

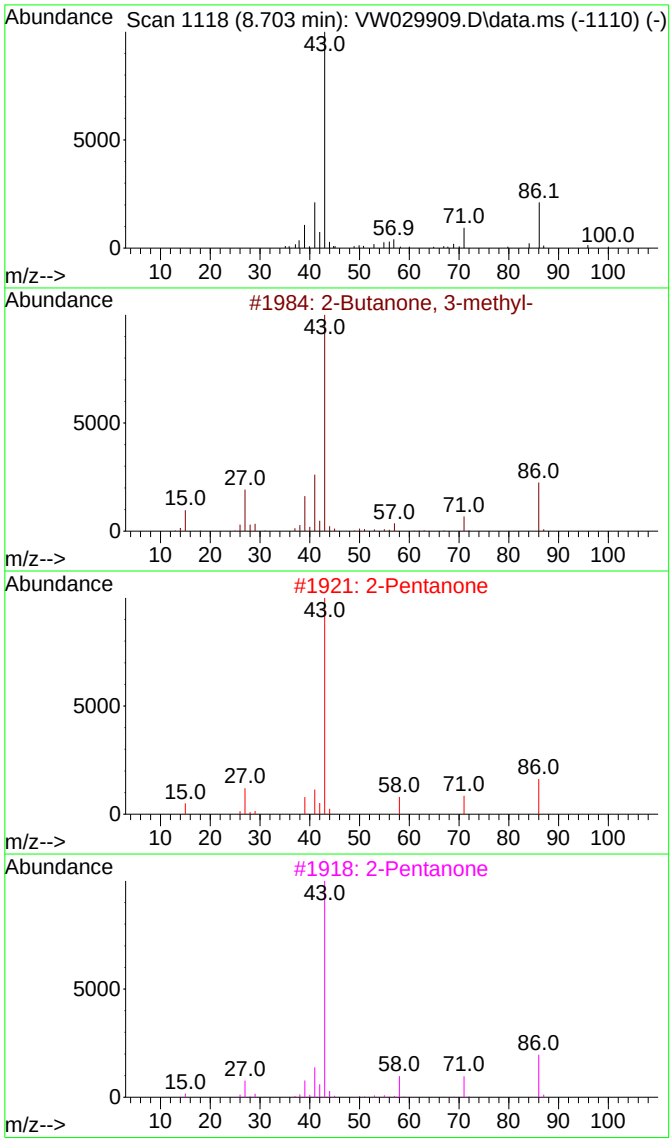
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

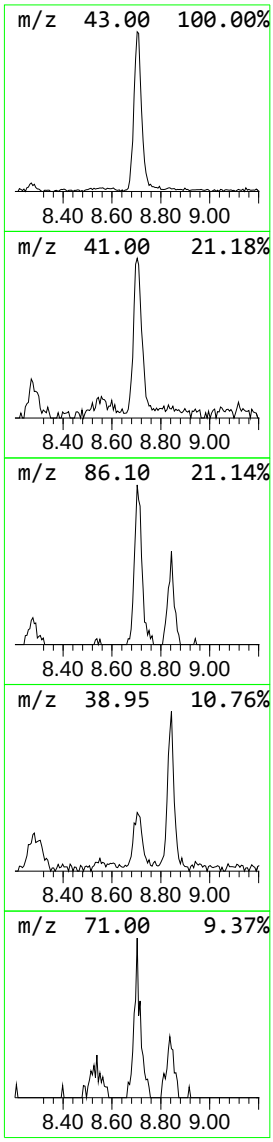
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Butanone, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.703	1.30 ug/L	38362	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	72
2	2-Pentanone	86	C5H10O	000107-87-9	64
3	2-Pentanone	86	C5H10O	000107-87-9	64
4	2-Pentanone	86	C5H10O	000107-87-9	64
5	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081524\
Data File : VW029909.D
Acq On : 15 Aug 2024 16:43
Operator : SY/MD
Sample : P3626-04
Misc : 3.36g/10mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYD3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

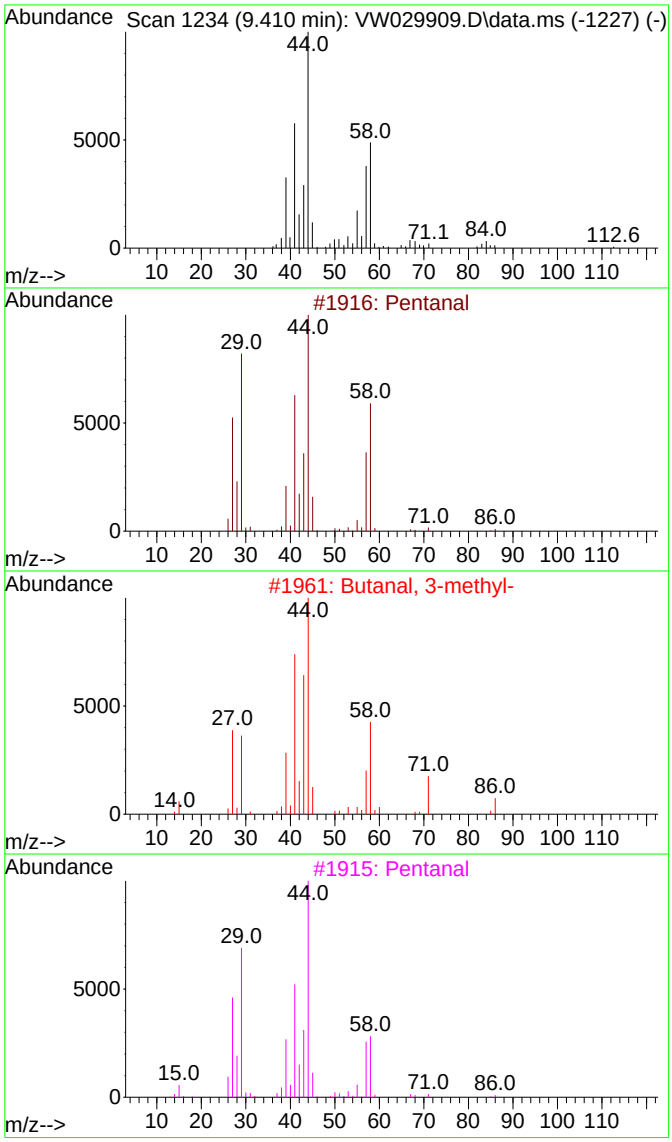
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

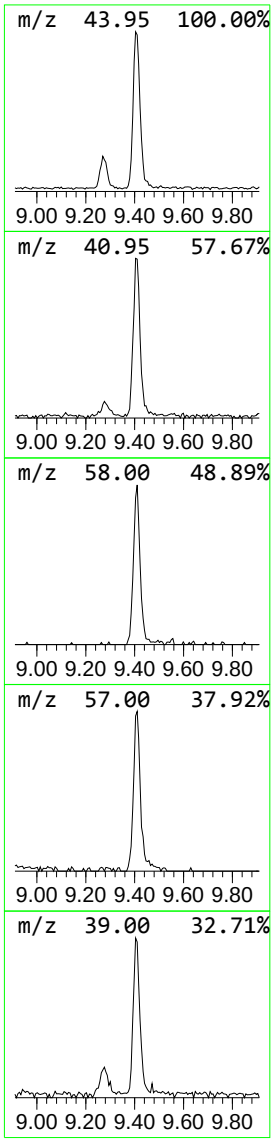
****

Peak Number 3 Pentanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.410	2.35 ug/L	69681	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal	86	C5H10O	000110-62-3	87
2	Butanal, 3-methyl-	86	C5H10O	000590-86-3	72
3	Pentanal	86	C5H10O	000110-62-3	64
4	Pentanal	86	C5H10O	000110-62-3	64
5	Butanal, 3-methyl-	86	C5H10O	000590-86-3	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081524\
Data File : VW029909.D
Acq On : 15 Aug 2024 16:43
Operator : SY/MD
Sample : P3626-04
Misc : 3.36g/10mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYD3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

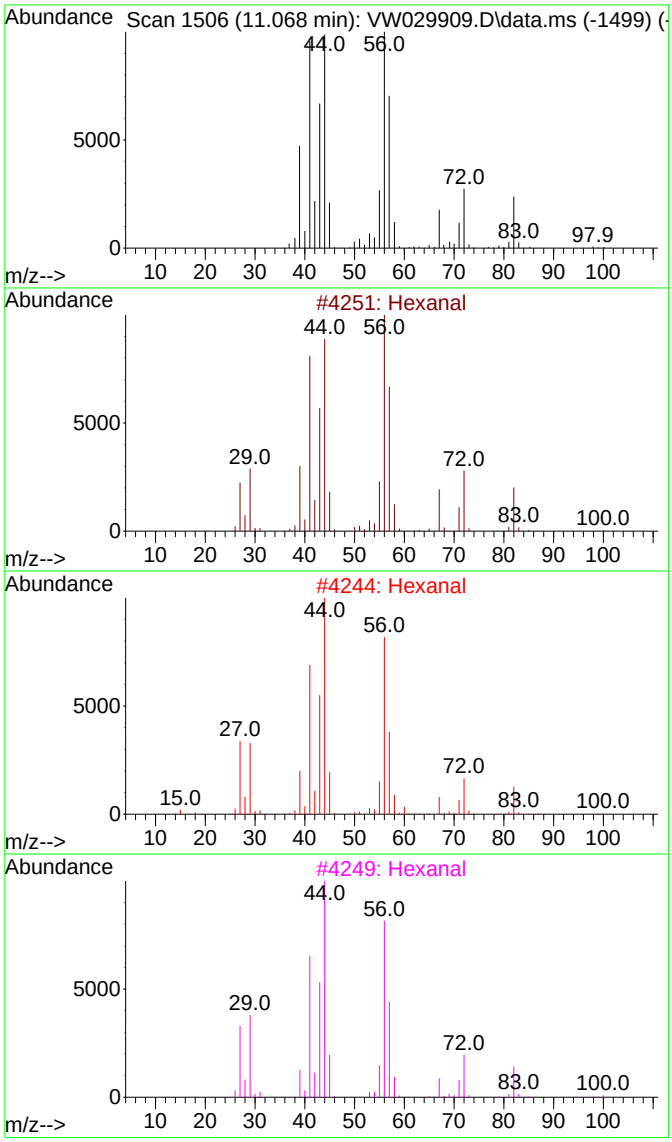
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

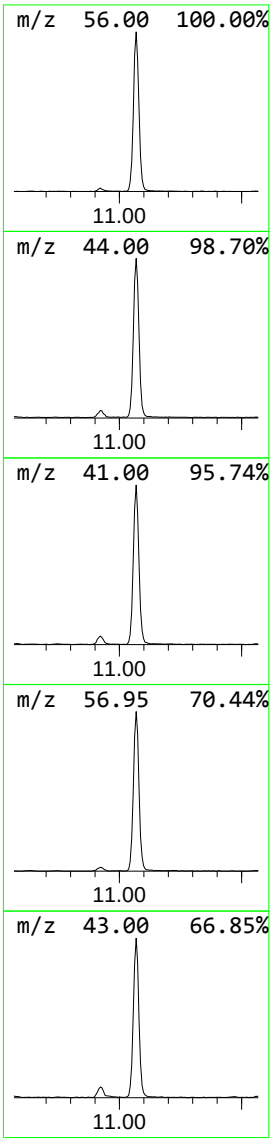
****

Peak Number 5 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.068	18.02 ug/L	554225	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	94
2	Hexanal	100	C6H12O	000066-25-1	81
3	Hexanal	100	C6H12O	000066-25-1	74
4	Hexanal	100	C6H12O	000066-25-1	59
5	Hexanal	100	C6H12O	000066-25-1	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081524\
Data File : VW029909.D
Acq On : 15 Aug 2024 16:43
Operator : SY/MD
Sample : P3626-04
Misc : 3.36g/10mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYD3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

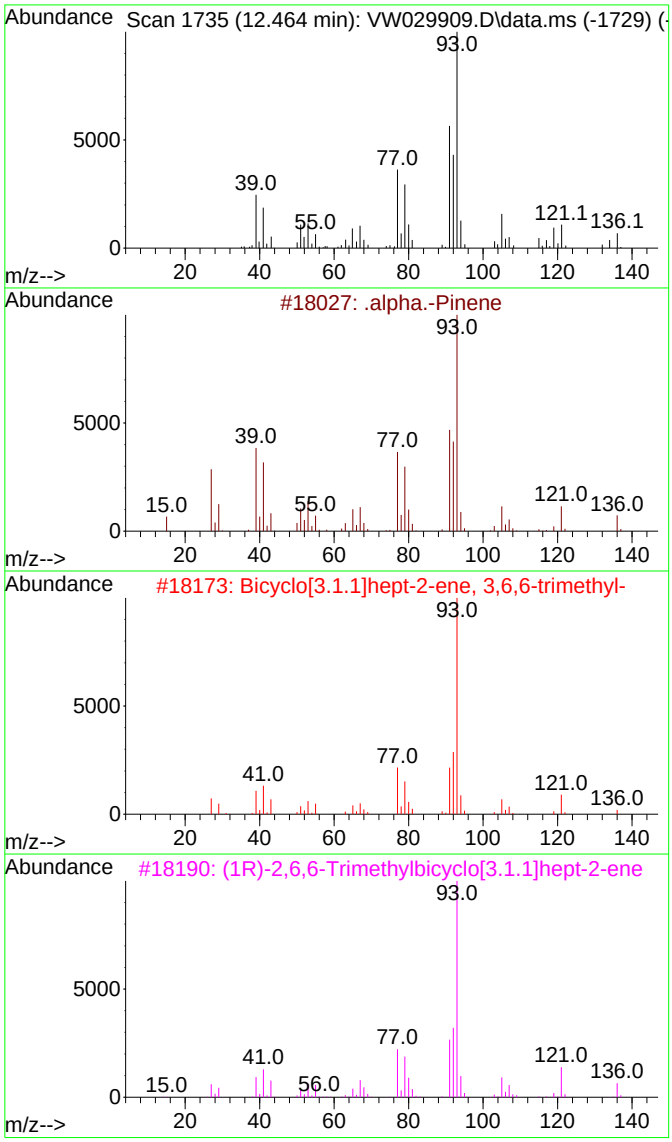
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

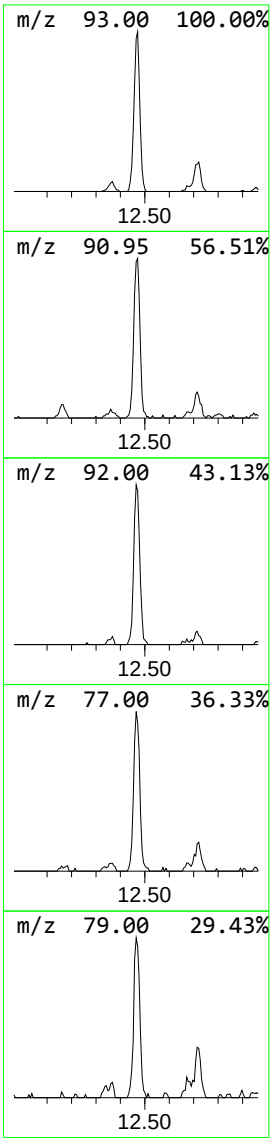
****

Peak Number 6 .alpha.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.464	2.98 ug/L	91585	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	93
2	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
3	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91
4	.alpha.-Pinene	136	C10H16	000080-56-8	87
5	.alpha.-Pinene	136	C10H16	000080-56-8	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081524\
Data File : VW029909.D
Acq On : 15 Aug 2024 16:43
Operator : SY/MD
Sample : P3626-04
Misc : 3.36g/10mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYD3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

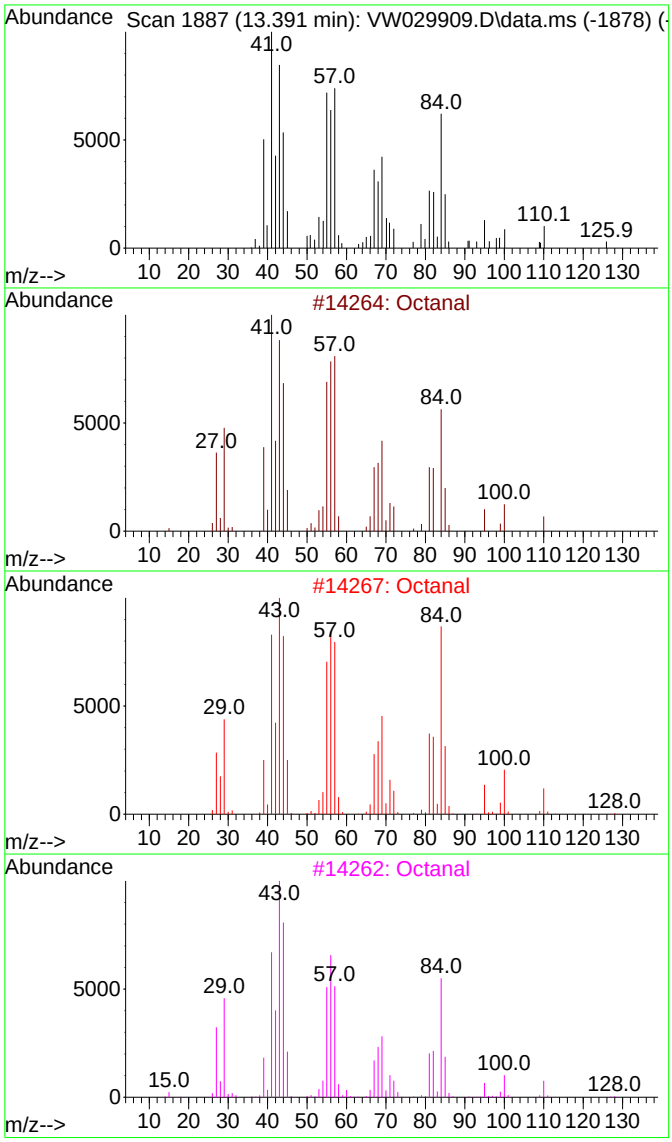
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

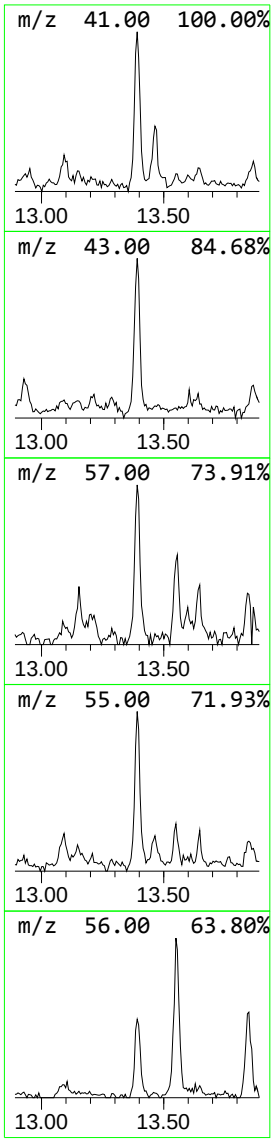
****

Peak Number 7 Octanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.391	1.96 ug/L	44470	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	86
2	Octanal	128	C8H16O	000124-13-0	80
3	Octanal	128	C8H16O	000124-13-0	64
4	2-Amino-oxazole	84	C3H4N2O	004570-45-0	49
5	Cyclooctyl alcohol	128	C8H16O	000696-71-9	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081524\
Data File : VW029909.D
Acq On : 15 Aug 2024 16:43
Operator : SY/MD
Sample : P3626-04
Misc : 3.36g/10mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYD3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

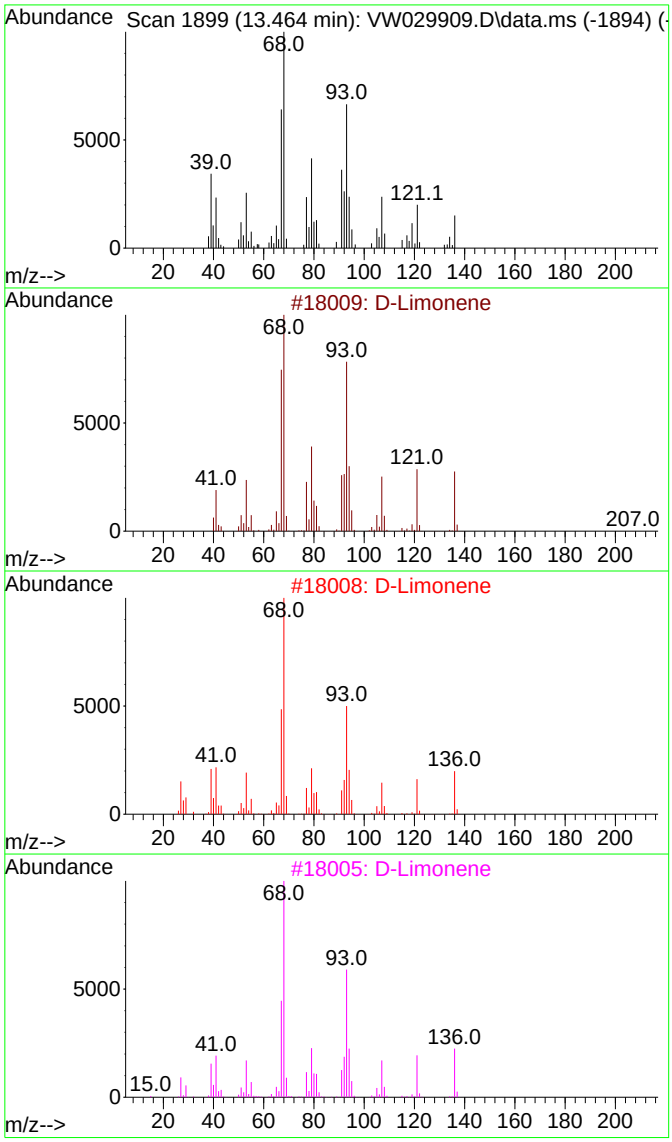
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

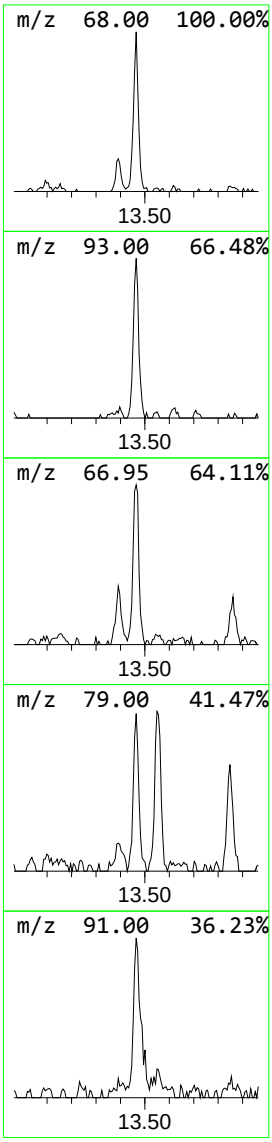
****

Peak Number 8 D-Limonene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.464	2.12 ug/L	48133	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	97
2	D-Limonene	136	C10H16	005989-27-5	95
3	D-Limonene	136	C10H16	005989-27-5	93
4	Limonene	136	C10H16	000138-86-3	93
5	D-Limonene	136	C10H16	005989-27-5	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081524\
Data File : VW029909.D
Acq On : 15 Aug 2024 16:43
Operator : SY/MD
Sample : P3626-04
Misc : 3.36g/10mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYD3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

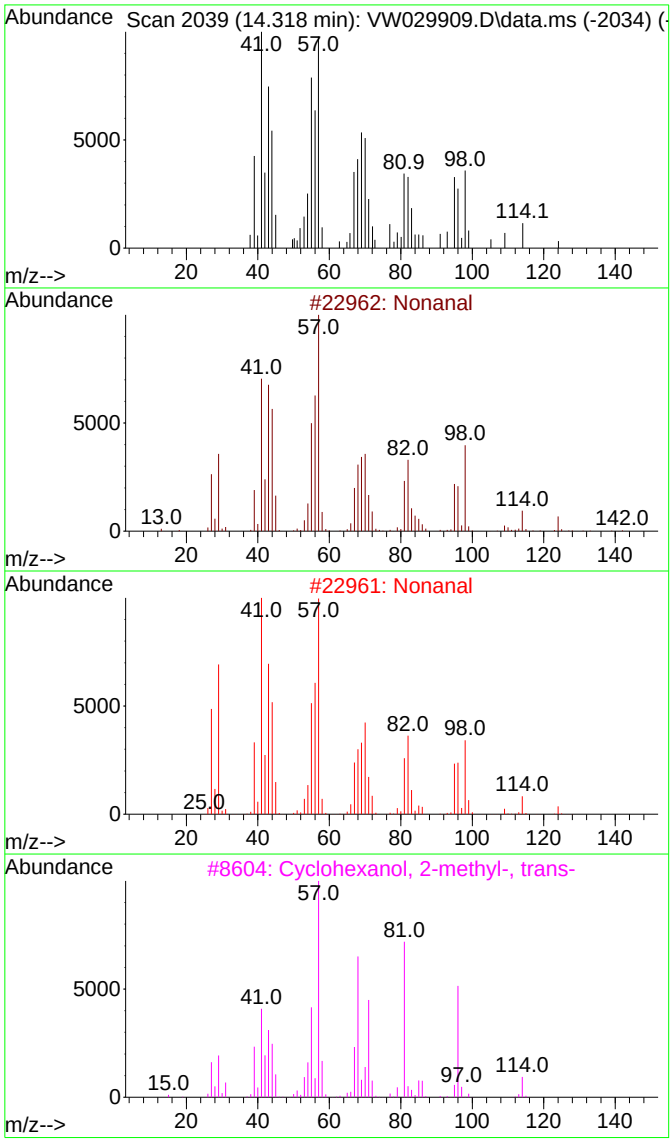
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

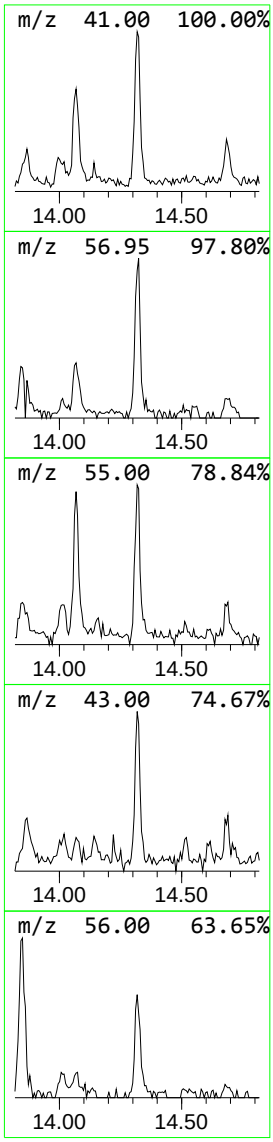
****

Peak Number 9 Nonanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.318	1.48 ug/L	33556	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	86
2	Nonanal	142	C9H18O	000124-19-6	80
3	Cyclohexanol, 2-methyl-, trans-	114	C7H14O	007443-52-9	46
4	Cyclohexanol, 2-methyl-	114	C7H14O	000583-59-5	45
5	Cyclohexanol, 2-methyl-, trans-	114	C7H14O	007443-52-9	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081524\
Data File : VW029909.D
Acq On : 15 Aug 2024 16:43
Operator : SY/MD
Sample : P3626-04
Misc : 3.36g/10mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYD3

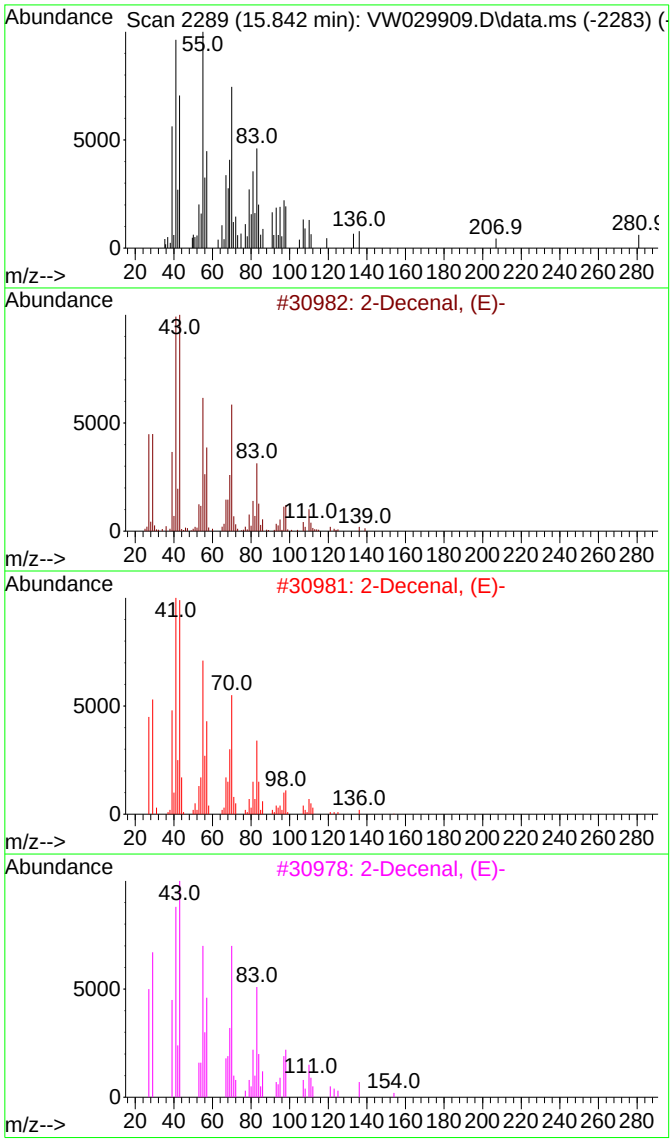
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

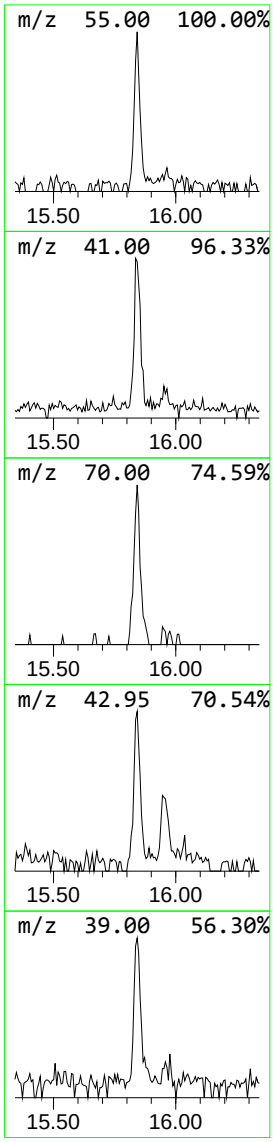
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 2-Decenal, (E)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.842	1.25 ug/L	28348	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decenal, (E)-	154	C10H18O	003913-81-3	72
2	2-Decenal, (E)-	154	C10H18O	003913-81-3	64
3	2-Decenal, (E)-	154	C10H18O	003913-81-3	64
4	2-Decenal, (Z)-	154	C10H18O	002497-25-8	64
5	2-Nonenal, (E)-	140	C9H16O	018829-56-6	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081524\
Data File : VW029909.D
Acq On : 15 Aug 2024 16:43
Operator : SY/MD
Sample : P3626-04
Misc : 3.36g/10mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYD3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.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
2-Butanone, 3-m...	8.703	1.3	ug/L	38362	1	8.843	740114	25.0
Pentanal	9.410	2.4	ug/L	69681	1	8.843	740114	25.0
Hexanal	11.068	18.0	ug/L	554225	2	11.629	768817	25.0
.alpha.-Pinene	12.464	3.0	ug/L	91585	2	11.629	768817	25.0
Octanal	13.391	2.0	ug/L	44470	3	13.556	566282	25.0
D-Limonene	13.464	2.1	ug/L	48133	3	13.556	566282	25.0
Nonanal	14.318	1.5	ug/L	33556	3	13.556	566282	25.0
2-Decenal, (E)-	15.842	1.3	ug/L	28348	3	13.556	566282	25.0