LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012725\
Data File : VW031598.D
Acq On : 27 Jan 2025 17:18
Operator : SY/MD
Sample : Q1190-09
Misc : 5.02g/10mL/MSVOA_W/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44S8

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\SFAMWLM011025SMA.M
Title : SFAM01.0

Signal : TIC: VW031598.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.960	9	12	31	rVB3	97788	246725	2.63%	0.729%
2	2.168	41	46	52	rBV3	12439	30912	0.33%	0.091%
3	2.357	68	77	95	rBV2	170979	498714	5.32%	1.474%
4	2.509	96	102	119	rVB	36357	119094	1.27%	0.352%
5	2.893	158	165	180	rBV	115497	336061	3.58%	0.993%
6	3.021	182	186	192	rVB	15162	28291	0.30%	0.084%
7	3.302	226	232	237	rBV	12938	25780	0.27%	0.076%
8	3.387	237	246	267	rBV	422700	1003614	10.70%	2.967%
9	3.728	298	302	312	rVB9	5003	13854	0.15%	0.041%
10	3.850	315	322	328	rBV3	5821	15185	0.16%	0.045%
11	4.015	337	349	363	rBV2	376872	1247255	13.30%	3.687%
12	4.149	363	371	386	rVB	132012	459844	4.90%	1.359%
13	4.265	388	390	403	rVB3	8435	20245	0.22%	0.060%
14	4.503	415	429	430	rBV2	18468	55235	0.59%	0.163%
15	4.783	472	475	483	rVB5	3181	7607	0.08%	0.022%
16	4.948	490	502	504	rBV8	5786	14206	0.15%	0.042%
17	5.789	625	640	652	rBV2	22143	74319	0.79%	0.220%
18	5.935	654	664	678	rVB3	29369	89329	0.95%	0.264%
19	6.112	680	693	706	rBV2	27189	89542	0.95%	0.265%
20	6.289	714	722	730	rVB3	4452	13275	0.14%	0.039%
21	6.600	769	773	783	rVB8	2971	8856	0.09%	0.026%
22	6.898	811	822	835	rBV	133732	403150	4.30%	1.192%
23	7.087	844	853	864	rBV3	79003	271769	2.90%	0.803%
24	7.648	935	945	959	rVV	461615	1142380	12.18%	3.377%
25	7.807	963	971	980	rVV3	6724	21514	0.23%	0.064%
26	7.947	986	994	1004	rVB8	5623	16910	0.18%	0.050%
27	8.276	1035	1048	1066	rBV2	913592	2736686	29.18%	8.090%
28	8.404	1066	1069	1071	rVV4	2635	4416	0.05%	0.013%
29	8.544	1080	1092	1108	rVV	51165	154275	1.65%	0.456%
30	8.703	1109	1118	1130	rVV2	77101	196809	2.10%	0.582%
31	8.837	1131	1140	1159	rVV	991544	1977927	21.09%	5.847%
32	9.063	1169	1177	1187	rVV8	7372	26443	0.28%	0.078%
33	9.270	1201	1211	1221	rVV	616288	1265584	13.49%	3.741%
34	9.355	1221	1225	1226	rVV3	5828	9565	0.10%	0.028%
35	9.404	1226	1233	1252	rVV	844486	1641461	17.50%	4.853%
36	9.544	1252	1256	1265	rVV2	6191	13790	0.15%	0.041%

LSC Area Percent Report

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44S8

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\SFAMWLM011025SMA.M
Title : SFAM01.0

37	9.660	1269	1275	1283	rBV8	2921	7834	0.08%	0.023%
38	9.947	1316	1322	1325	rBV5	2443	5125	0.05%	0.015%
39	10.032	1325	1336	1347	rVB	306755	560202	5.97%	1.656%
40	10.130	1347	1352	1362	rVB4	6276	12958	0.14%	0.038%
41	10.319	1372	1383	1390	rBV	1058945	2059903	21.96%	6.090%
42	10.386	1390	1394	1400	rVB	31011	48343	0.52%	0.143%
43	10.501	1406	1413	1418	rBV	26997	44558	0.48%	0.132%
44	10.575	1418	1425	1431	rVV	175399	319142	3.40%	0.943%
45	10.623	1431	1433	1440	rVV	30584	55527	0.59%	0.164%
46	10.697	1440	1445	1449	rVV	38338	67770	0.72%	0.200%
47	10.745	1449	1453	1461	rVB2	19560	36294	0.39%	0.107%
48	10.861	1468	1472	1476	rVB6	3713	4625	0.05%	0.014%
49	10.922	1476	1482	1496	rVB	269597	463104	4.94%	1.369%
50	11.068	1498	1506	1524	rVV	5725486	9378343	100.00%	27.724%
51	11.203	1525	1528	1534	rVV4	6019	11445	0.12%	0.034%
52	11.300	1538	1544	1548	rVV7	3184	5396	0.06%	0.016%
53	11.465	1567	1571	1576	rVB5	2954	5224	0.06%	0.015%
54	11.562	1582	1587	1591	rBV3	5785	10094	0.11%	0.030%
55	11.629	1591	1598	1607	rVB	831796	1423604	15.18%	4.208%
56	11.709	1607	1611	1612	rBV2	7060	8292	0.09%	0.025%
57	11.843	1626	1633	1644	rBV	135900	267654	2.85%	0.791%
58	11.940	1644	1649	1656	rVV2	63637	110402	1.18%	0.326%
59	12.013	1656	1661	1670	rVV	51975	95818	1.02%	0.283%
60	12.099	1673	1675	1681	rVV6	3844	6034	0.06%	0.018%
61	12.160	1681	1685	1691	rVB7	2410	4545	0.05%	0.013%
62	12.233	1692	1697	1704	rVV	13867	26003	0.28%	0.077%
63	12.330	1707	1713	1728	rVB	367595	579218	6.18%	1.712%
64	12.507	1737	1742	1749	rVB2	13153	21470	0.23%	0.063%
65	12.599	1749	1757	1763	rBV	64413	105069	1.12%	0.311%
66	12.690	1765	1772	1783	rVV	265690	447068	4.77%	1.322%
67	12.812	1786	1792	1797	rVB7	5029	9833	0.10%	0.029%
68	12.928	1800	1811	1822	rBV3	62026	142830	1.52%	0.422%
69	13.044	1825	1830	1833	rVV2	18378	31845	0.34%	0.094%
70	13.092	1833	1838	1842	rVV	100851	168091	1.79%	0.497%
71	13.147	1842	1847	1853	rVV	178679	308090	3.29%	0.911%
72	13.208	1853	1857	1862	rVV	75336	132614	1.41%	0.392%
73	13.275	1865	1868	1878	rVV3	19997	45403	0.48%	0.134%
74	13.391	1879	1887	1896	rVV	254454	394947	4.21%	1.168%
75	13.483	1896	1902	1907	rVV7	6901	18198	0.19%	0.054%
76	13.550	1907	1913	1924	rVV	364640	624322	6.66%	1.846%

LSC Area Percent Report

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Instrument :
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ClientSampleId :
A44S8

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\SFAMWLM011025SMA.M
Title : SFAM01.0

77	13.641	1924	1928	1935	rVV2	16736	30692	0.33%	0.091%
78	13.800	1946	1954	1955	rBV8	3614	7129	0.08%	0.021%
79	13.848	1955	1962	1975	rVB	285293	503487	5.37%	1.488%
80	14.013	1981	1989	1992	rBV3	14167	23710	0.25%	0.070%
81	14.068	1992	1998	2008	rVV2	182212	324167	3.46%	0.958%
82	14.147	2008	2011	2016	rVB3	6900	11364	0.12%	0.034%
83	14.318	2033	2039	2047	rBV	158562	245952	2.62%	0.727%
84	14.489	2061	2067	2068	rBV5	4169	6866	0.07%	0.020%
85	14.519	2068	2072	2082	rVB2	13764	28205	0.30%	0.083%
86	14.617	2082	2088	2093	rBV3	15192	28394	0.30%	0.084%
87	14.714	2102	2104	2109	rVB6	3483	5064	0.05%	0.015%
88	14.879	2125	2131	2135	rBV6	4931	9087	0.10%	0.027%
89	14.946	2135	2142	2150	rBV2	36475	69483	0.74%	0.205%
90	15.062	2157	2161	2168	rVB7	2690	5617	0.06%	0.017%
91	15.171	2174	2179	2187	rVB6	17214	33323	0.36%	0.099%
92	15.238	2187	2190	2196	rVB7	3915	6764	0.07%	0.020%
93	15.342	2203	2207	2209	rBV5	2663	4046	0.04%	0.012%
94	15.385	2209	2214	2221	rVB6	8778	17945	0.19%	0.053%
95	15.476	2223	2229	2233	rBV2	13525	25720	0.27%	0.076%
96	15.757	2272	2275	2277	rBV4	2465	3509	0.04%	0.010%
97	15.787	2277	2280	2283	rVV4	3834	4894	0.05%	0.014%
98	15.842	2283	2289	2301	rVV5	20273	47681	0.51%	0.141%
99	15.958	2302	2308	2318	rVV	12669	27414	0.29%	0.081%
100	16.080	2324	2328	2333	rBV7	4445	8617	0.09%	0.025%

Sum of corrected areas: 33826989

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012725\
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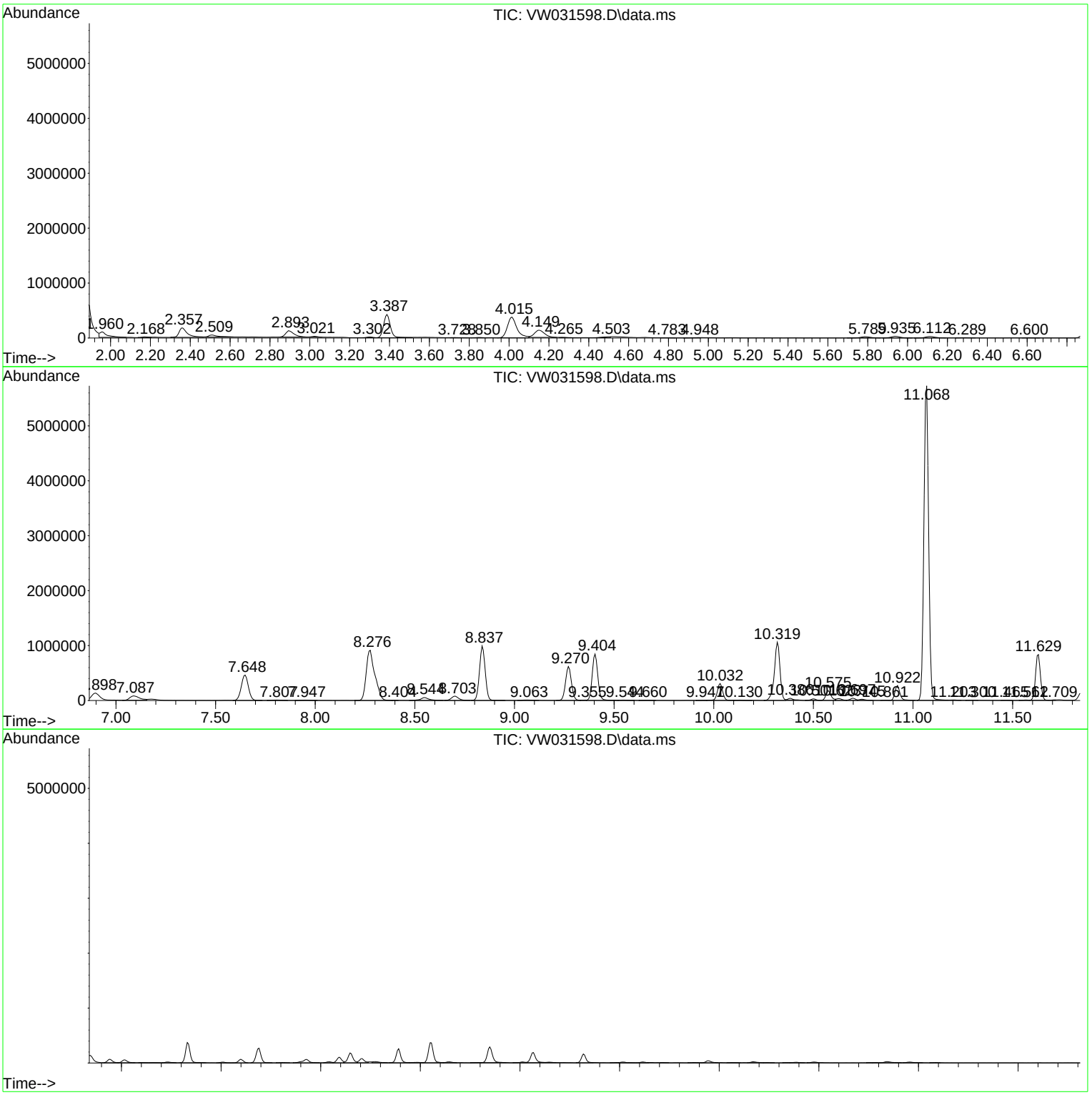
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44S8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012725\
Data File : VW031598.D
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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44S8

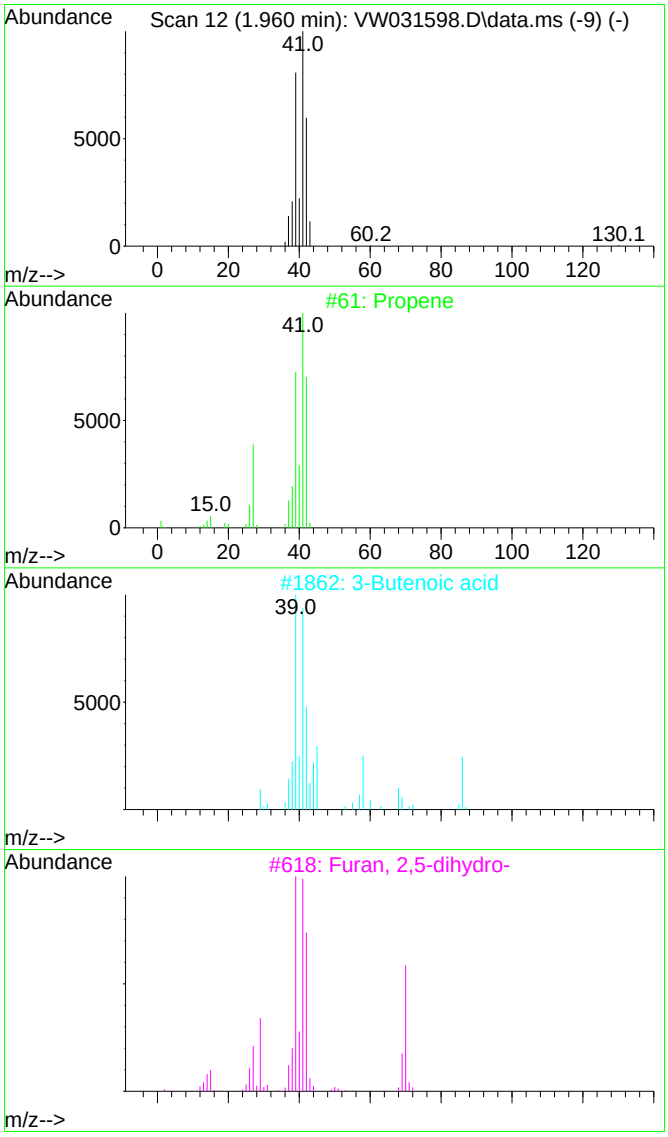
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

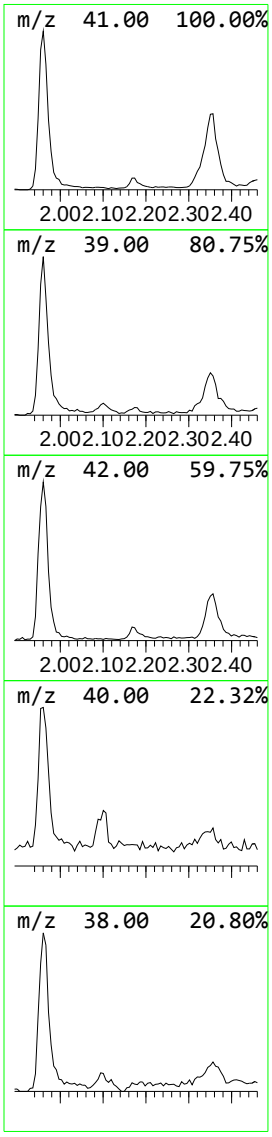
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.960	3.12 ug/L	246725	1,4-Difluorobenzene	8.837

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	3-Butenoic acid	86	C4H6O2	000625-38-7	83
3	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	83
4	2-Butenal, (E)-	70	C4H6O	000123-73-9	83
5	N-Methyl-7-azabicyclo(2,2,1)hept...	109	C7H11N	055590-26-6	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012725\
Data File : VW031598.D
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Misc : 5.02g/10mL/MSVOA_W/SOIL/A
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Instrument :
MSVOA_W
ClientSampleId :
A44S8

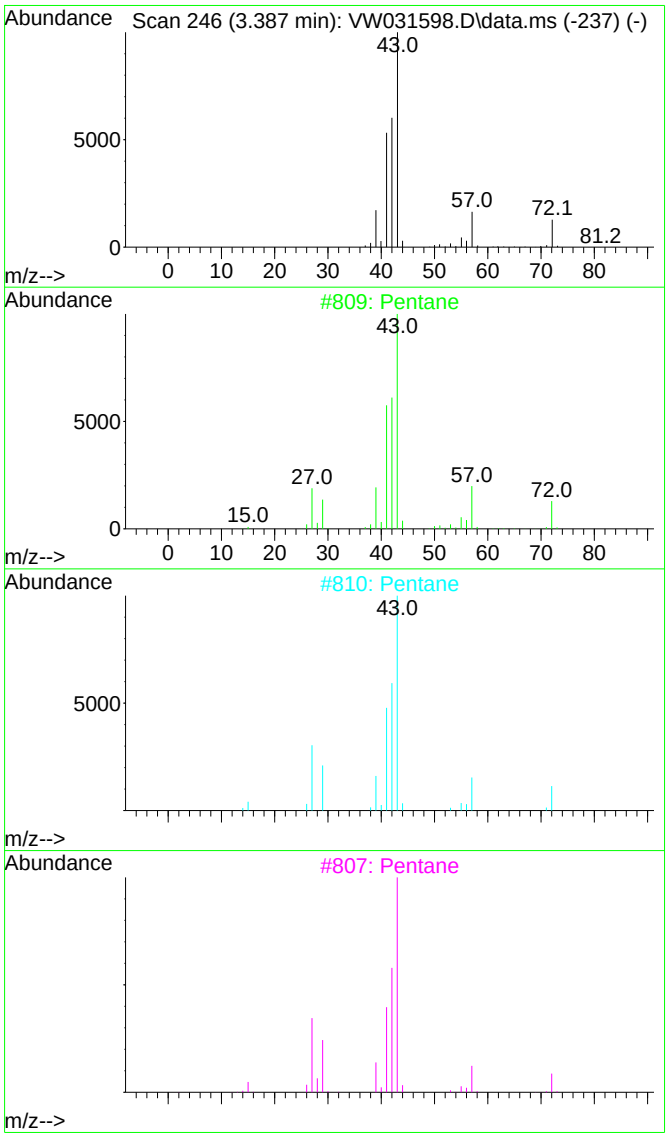
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

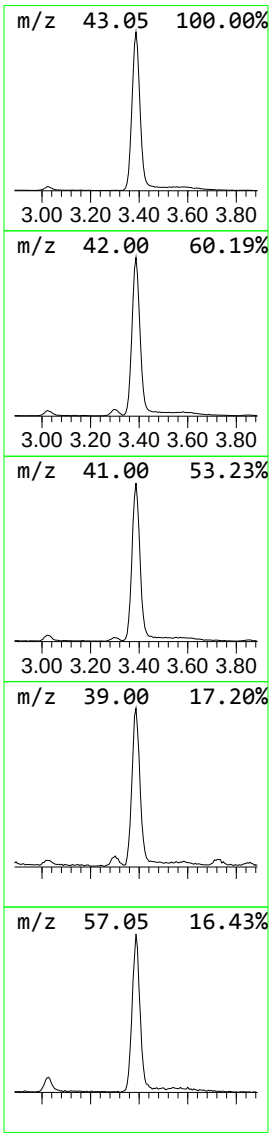
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.387	12.69 ug/L	1003610	1,4-Difluorobenzene	8.837

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Pentane	72	C5H12	000109-66-0	86
3	Pentane	72	C5H12	000109-66-0	86
4	Pentane	72	C5H12	000109-66-0	86
5	Pentane	72	C5H12	000109-66-0	64





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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44S8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

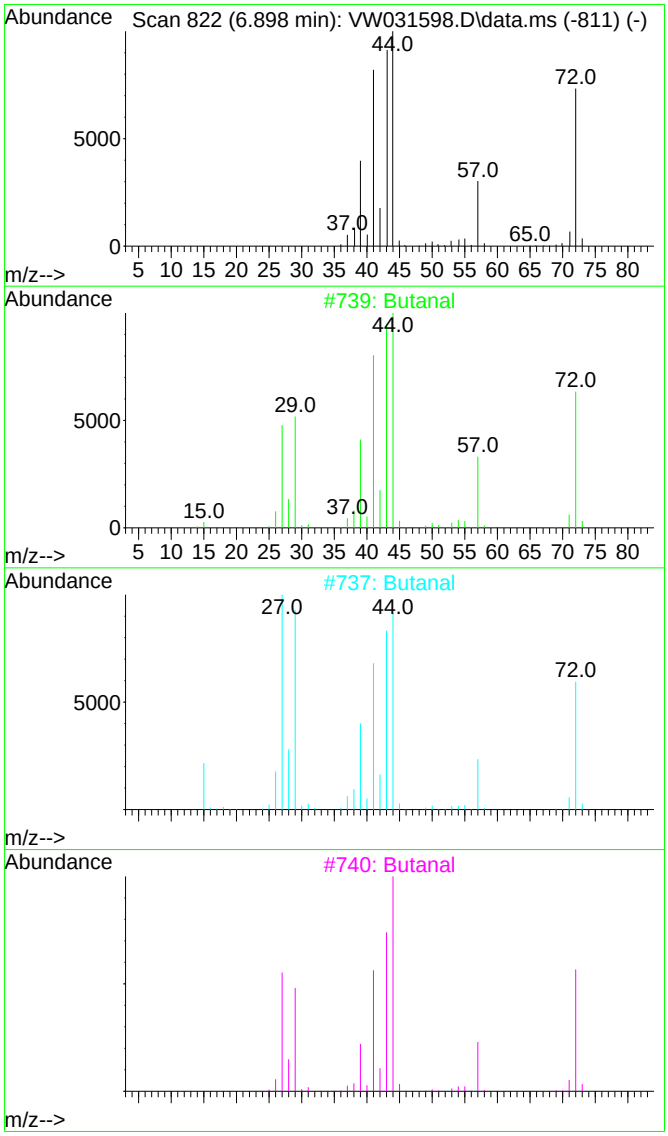
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****

Peak Number 4 Butanal Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.898	5.10 ug/L	403150	1,4-Difluorobenzene	8.837

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal	72	C4H8O	000123-72-8	94
2	Butanal	72	C4H8O	000123-72-8	91
3	Butanal	72	C4H8O	000123-72-8	83
4	Butanal	72	C4H8O	000123-72-8	83
5	Butanal	72	C4H8O	000123-72-8	72



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Misc : 5.02g/10mL/MSVOA_W/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44S8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

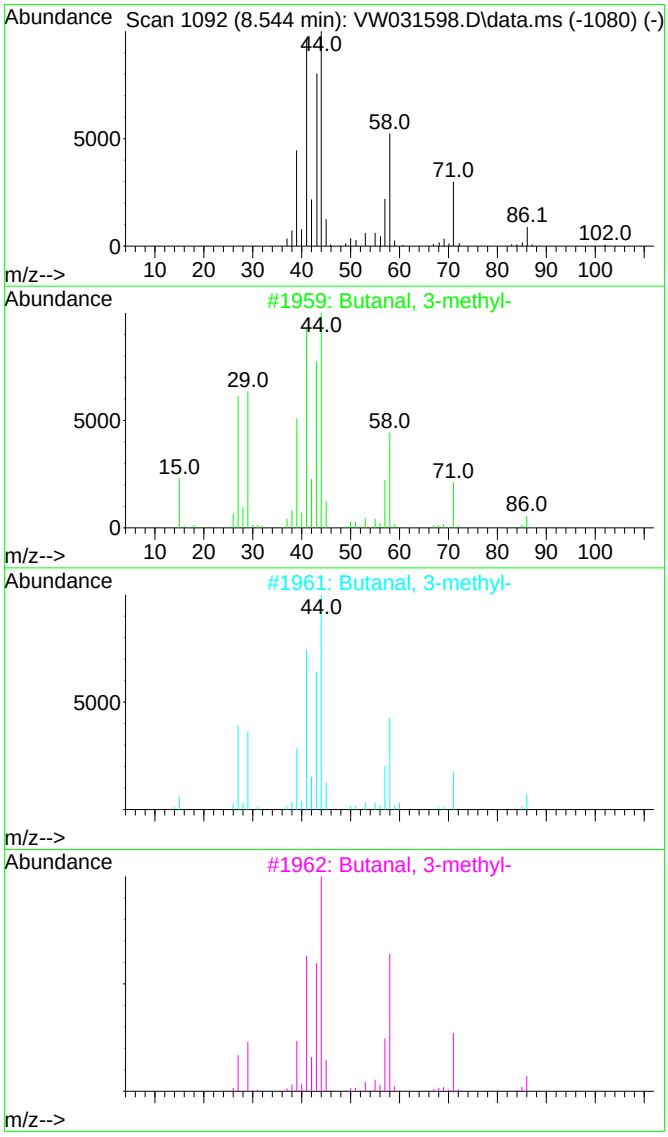
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

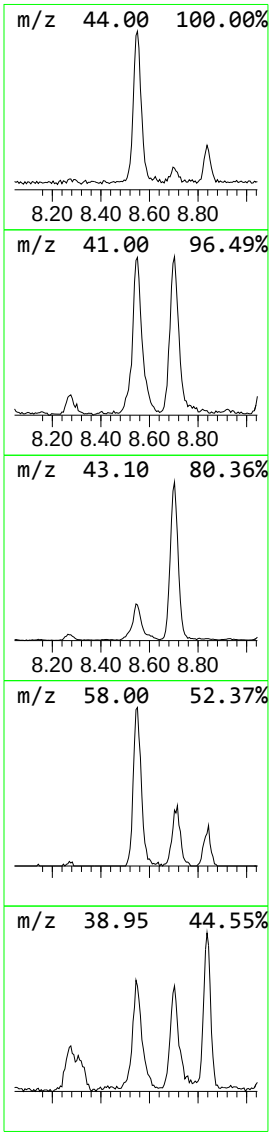
****

Peak Number 5 Butanal, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.544	1.95 ug/L	154275	1,4-Difluorobenzene	8.837

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal, 3-methyl-	86	C5H10O	000590-86-3	94
2	Butanal, 3-methyl-	86	C5H10O	000590-86-3	81
3	Butanal, 3-methyl-	86	C5H10O	000590-86-3	70
4	Butanal, 3-methyl-	86	C5H10O	000590-86-3	64
5	Butanal, 3-methyl-	86	C5H10O	000590-86-3	58





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Data File : VW031598.D
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Misc : 5.02g/10mL/MSVOA_W/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44S8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

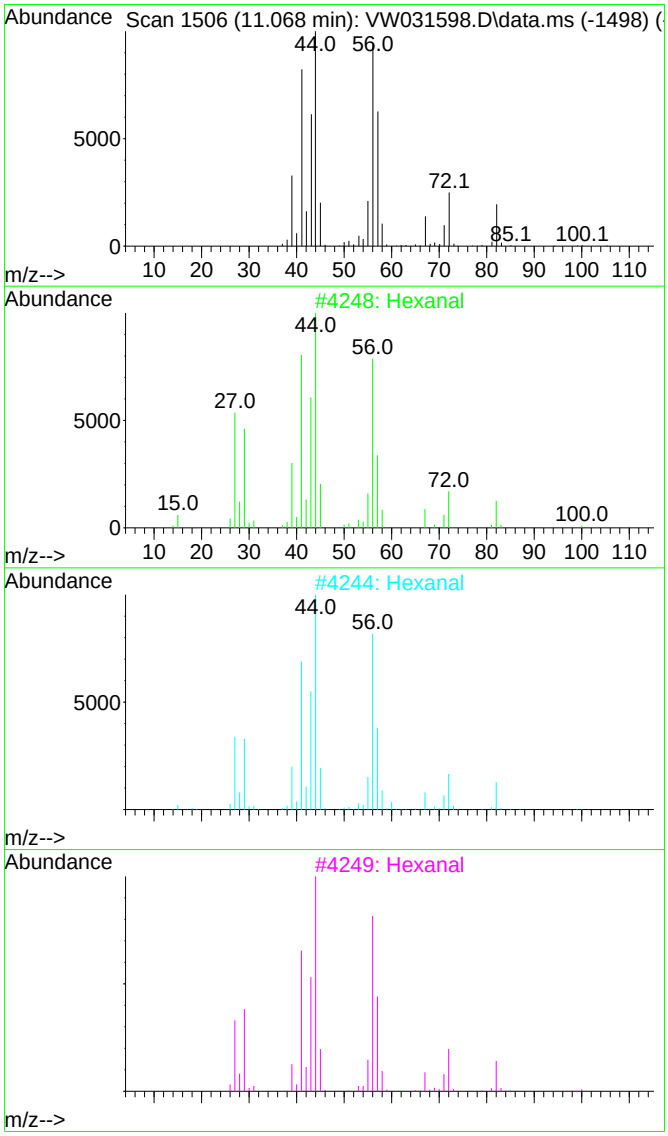
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

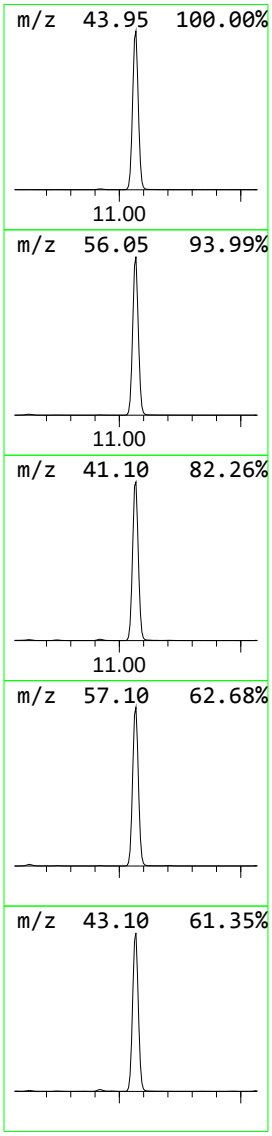
****

Peak Number 9 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.068	164.69 ug/L	9378340	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	90
3	Hexanal	100	C6H12O	000066-25-1	90
4	Hexanal	100	C6H12O	000066-25-1	81
5	Hexanal	100	C6H12O	000066-25-1	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012725\
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Misc : 5.02g/10mL/MSVOA_W/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44S8

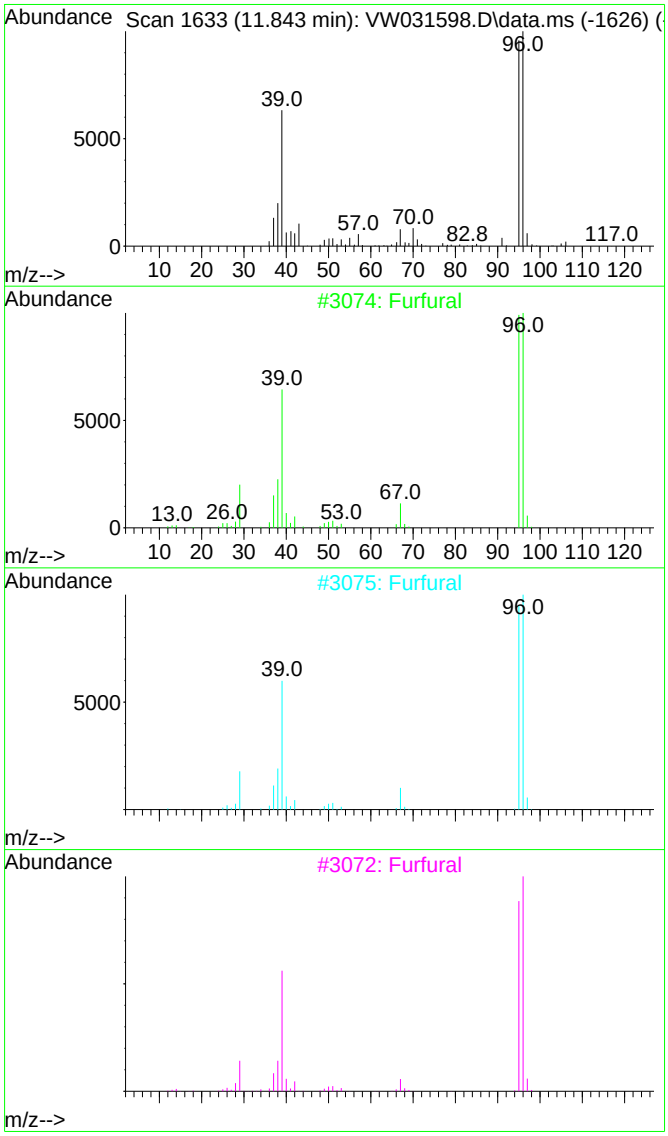
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

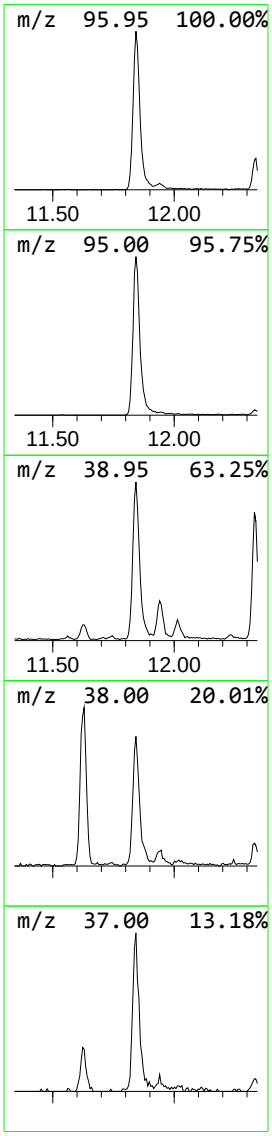
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Furfural Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.843	4.70 ug/L	267654	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furfural	96	C5H4O2	000098-01-1	97
2	Furfural	96	C5H4O2	000098-01-1	95
3	Furfural	96	C5H4O2	000098-01-1	94
4	Furfural	96	C5H4O2	000098-01-1	94
5	3-Furaldehyde	96	C5H4O2	000498-60-2	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012725\
Data File : VW031598.D
Acq On : 27 Jan 2025 17:18
Operator : SY/MD
Sample : Q1190-09
Misc : 5.02g/10mL/MSVOA_W/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44S8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

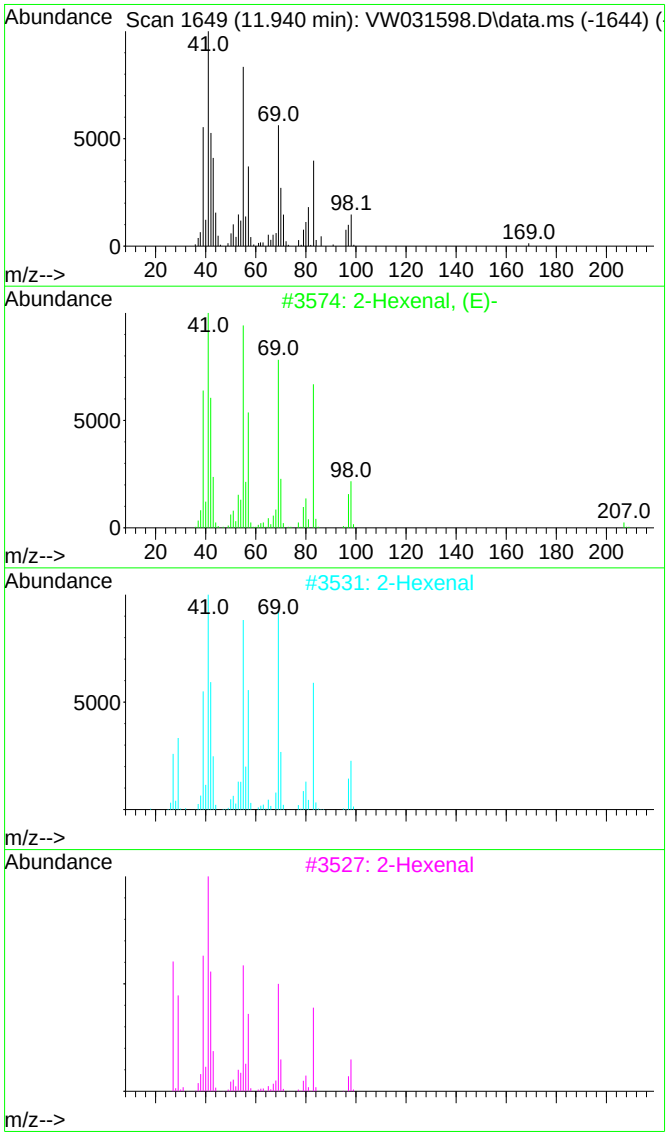
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

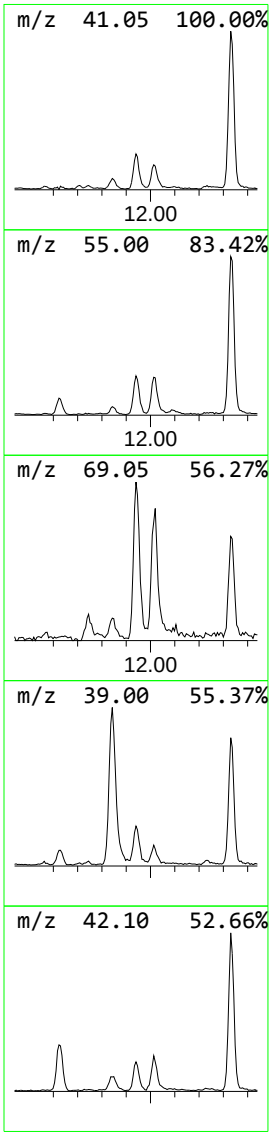
****

Peak Number 11 2-Hexenal, (E)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.940	1.94 ug/L	110402	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexenal, (E)-	98	C6H10O	006728-26-3	96
2	2-Hexenal	98	C6H10O	000505-57-7	95
3	2-Hexenal	98	C6H10O	000505-57-7	93
4	2-Hexenal, (E)-	98	C6H10O	006728-26-3	91
5	2-Hexenal, (E)-	98	C6H10O	006728-26-3	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012725\
Data File : VW031598.D
Acq On : 27 Jan 2025 17:18
Operator : SY/MD
Sample : Q1190-09
Misc : 5.02g/10mL/MSVOA_W/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44S8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

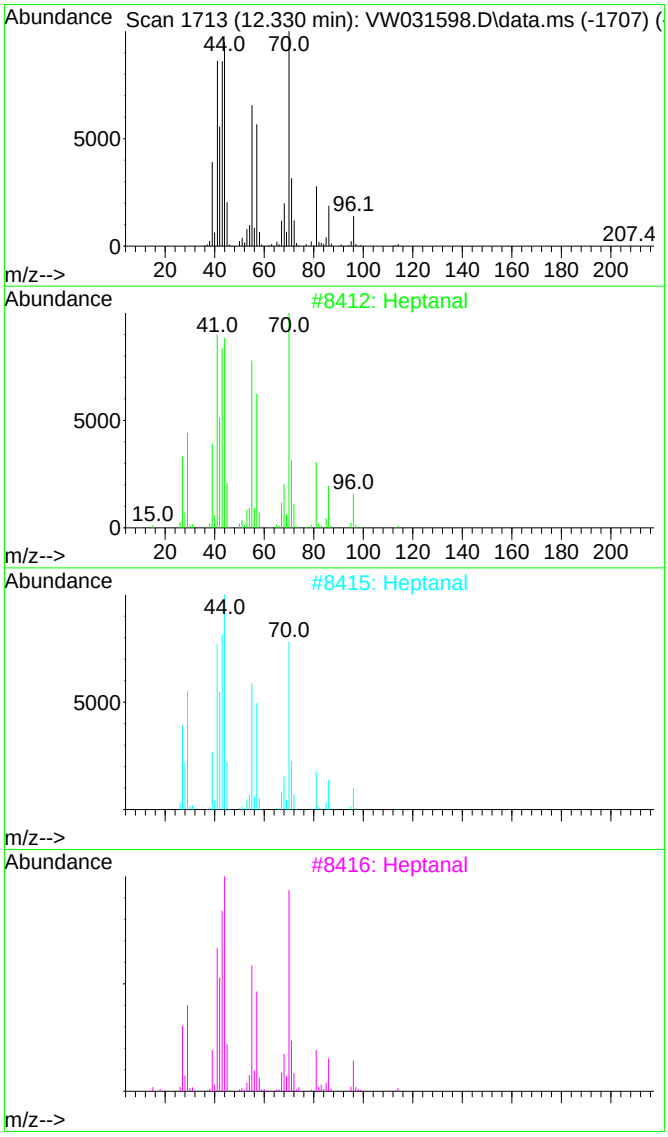
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

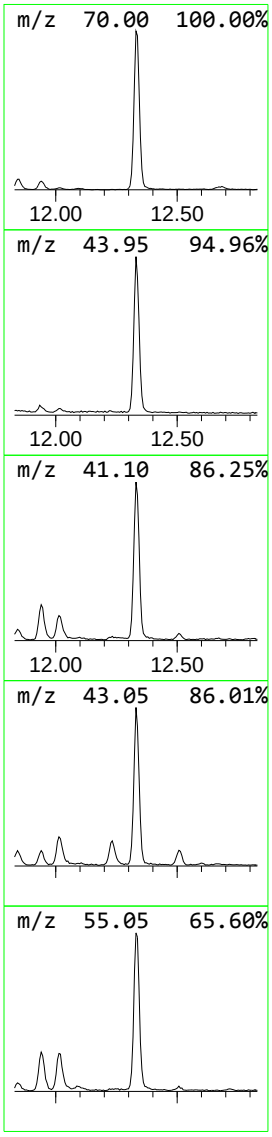
****

Peak Number 13 Heptanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.330	10.17 ug/L	579218	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal	114	C7H14O	000111-71-7	98
2	Heptanal	114	C7H14O	000111-71-7	93
3	Heptanal	114	C7H14O	000111-71-7	80
4	Heptanal	114	C7H14O	000111-71-7	70
5	Heptanal	114	C7H14O	000111-71-7	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012725\
Data File : VW031598.D
Acq On : 27 Jan 2025 17:18
Operator : SY/MD
Sample : Q1190-09
Misc : 5.02g/10mL/MSVOA_W/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44S8

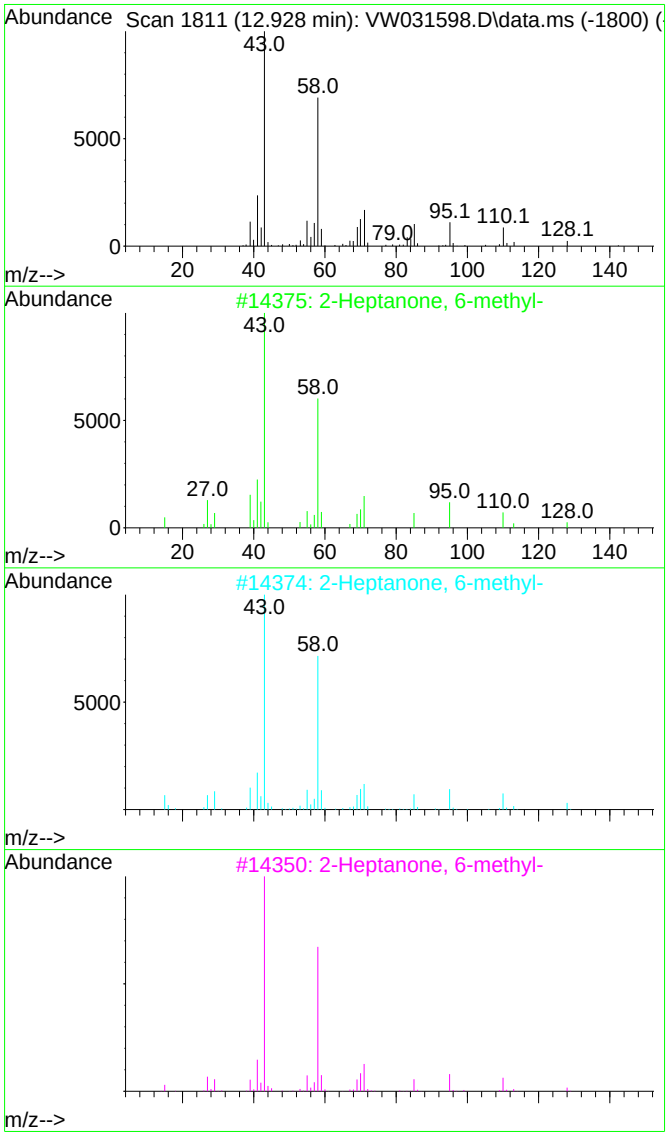
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

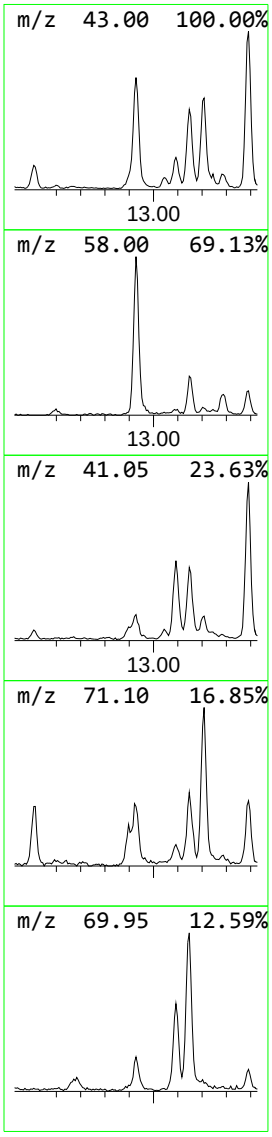
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 2-Heptanone, 6-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.928	5.72 ug/L	142830	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	91
2	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	91
3	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	90
4	2-Octanone	128	C8H16O	000111-13-7	59
5	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012725\
Data File : VW031598.D
Acq On : 27 Jan 2025 17:18
Operator : SY/MD
Sample : Q1190-09
Misc : 5.02g/10mL/MSVOA_W/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44S8

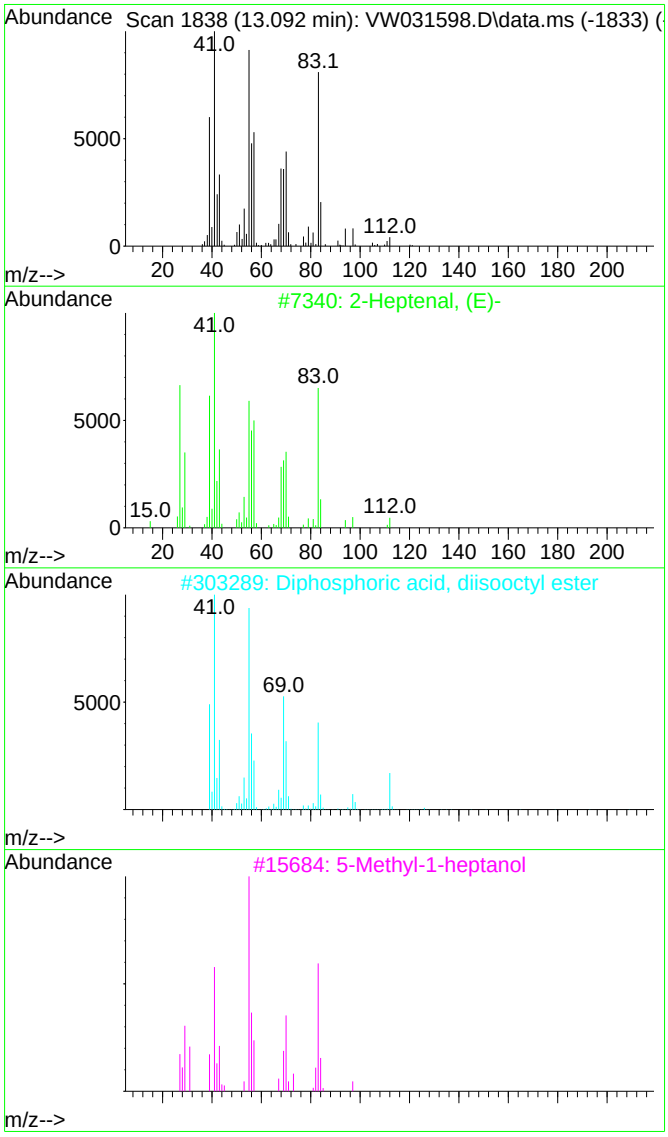
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

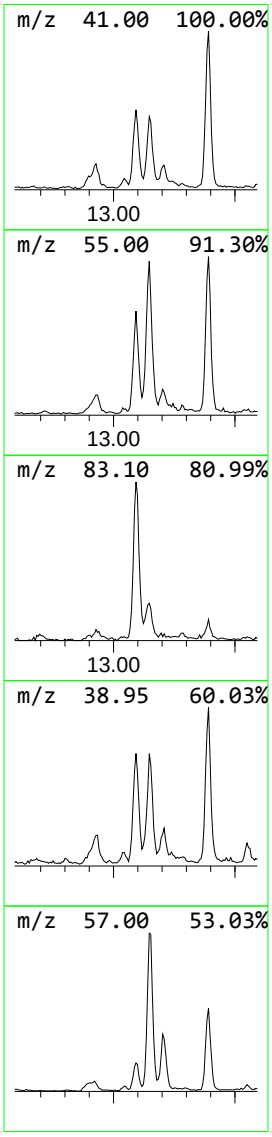
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 2-Heptenal, (E)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.092	6.73 ug/L	168091	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptenal, (E)-	112	C7H12O	018829-55-5	93
2	Diphosphoric acid, diisooctyl ester	402	C16H36O7P2	072101-07-6	53
3	5-Methyl-1-heptanol	130	C8H18O	007212-53-5	53
4	1-Ethyl-2-(4-methylpentyl)cyclop...	182	C13H26	219726-60-0	50
5	Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012725\
Data File : VW031598.D
Acq On : 27 Jan 2025 17:18
Operator : SY/MD
Sample : Q1190-09
Misc : 5.02g/10mL/MSVOA_W/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44S8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

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

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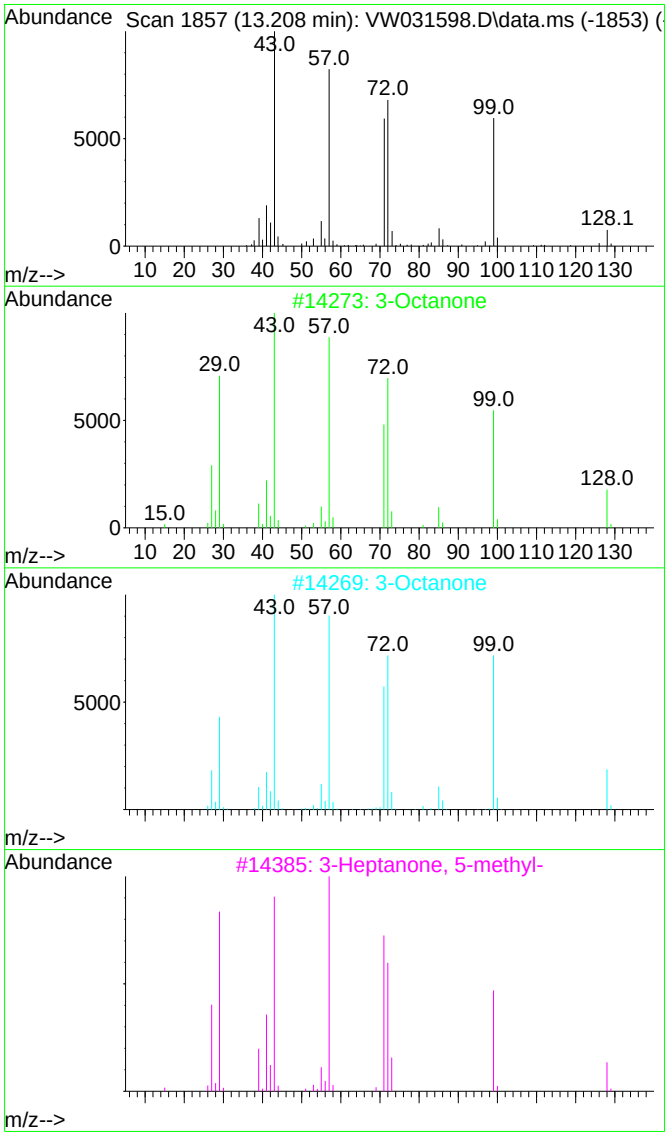
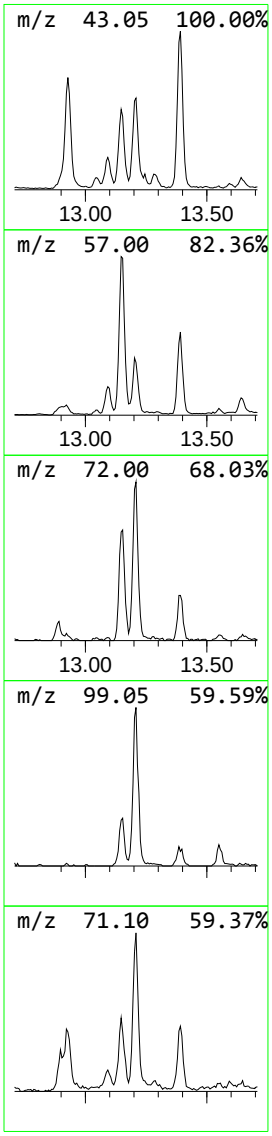
Peak Number 19 3-Octanone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.208	5.31 ug/L	132614	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanone	128	C8H16O	000106-68-3	94
2	3-Octanone	128	C8H16O	000106-68-3	94
3	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	59
4	Ethyl amylketone	128	C8H16O	020616-93-7	50
5	3-Octanone	128	C8H16O	000106-68-3	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012725\
Data File : VW031598.D
Acq On : 27 Jan 2025 17:18
Operator : SY/MD
Sample : Q1190-09
Misc : 5.02g/10mL/MSVOA_W/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44S8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

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

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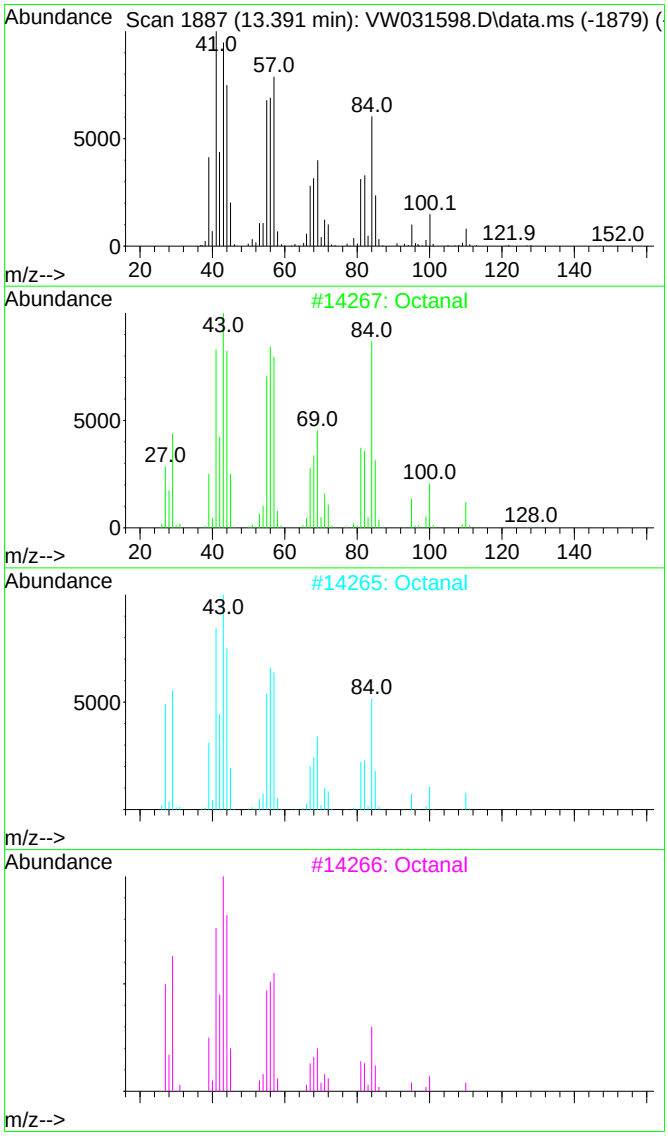
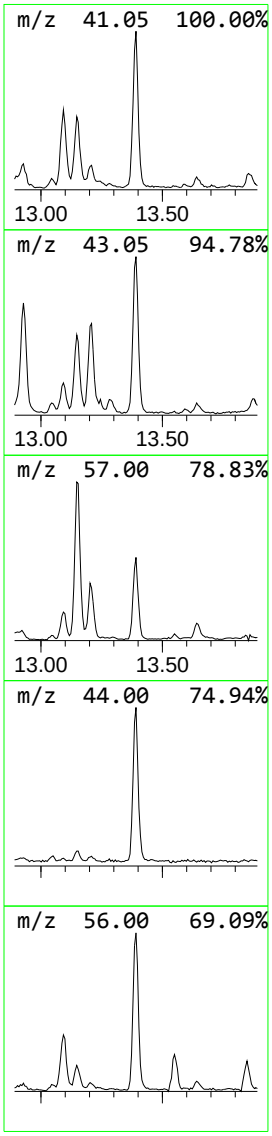
Peak Number 21 Octanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.391	15.82 ug/L	394947	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	98
2	Octanal	128	C8H16O	000124-13-0	96
3	Octanal	128	C8H16O	000124-13-0	95
4	Octanal	128	C8H16O	000124-13-0	93
5	Octanal	128	C8H16O	000124-13-0	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012725\
Data File : VW031598.D
Acq On : 27 Jan 2025 17:18
Operator : SY/MD
Sample : Q1190-09
Misc : 5.02g/10mL/MSVOA_W/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44S8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

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

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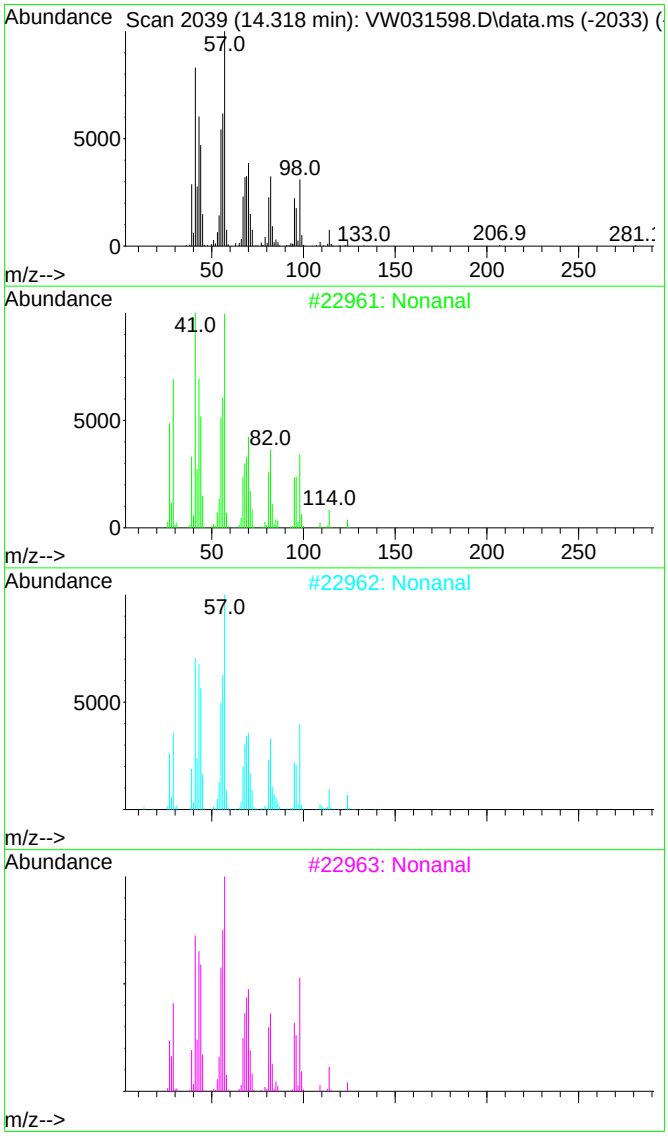
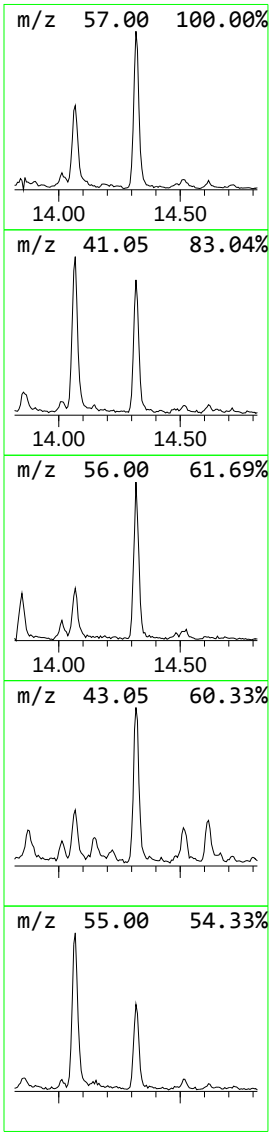
Peak Number 23 Nonanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.318	9.85 ug/L	245952	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	91
2	Nonanal	142	C9H18O	000124-19-6	91
3	Nonanal	142	C9H18O	000124-19-6	90
4	Cycloheptane	98	C7H14	000291-64-5	30
5	1-Heptene	98	C7H14	000592-76-7	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012725\
Data File : VW031598.D
Acq On : 27 Jan 2025 17:18
Operator : SY/MD
Sample : Q1190-09
Misc : 5.02g/10mL/MSVOA_W/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44S8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.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
(DEL) Alkane: S...	1.960	3.1	ug/L	246725	1	8.837	1977930	25.0
(DEL) Alkane: S...	3.387	12.7	ug/L	1003610	1	8.837	1977930	25.0
Butanal	6.898	5.1	ug/L	403150	1	8.837	1977930	25.0
Butanal, 3-methyl-	8.544	2.0	ug/L	154275	1	8.837	1977930	25.0
Hexanal	11.068	164.7	ug/L	9378340	2	11.629	1423600	25.0
Furfural	11.843	4.7	ug/L	267654	2	11.629	1423600	25.0
2-Hexenal, (E)-	11.940	1.9	ug/L	110402	2	11.629	1423600	25.0
Heptanal	12.330	10.2	ug/L	579218	2	11.629	1423600	25.0
2-Heptanone, 6-...	12.928	5.7	ug/L	142830	3	13.556	624322	25.0
2-Heptenal, (E)-	13.092	6.7	ug/L	168091	3	13.556	624322	25.0
3-Octanone	13.208	5.3	ug/L	132614	3	13.556	624322	25.0
Octanal	13.391	15.8	ug/L	394947	3	13.556	624322	25.0
Nonanal	14.318	9.8	ug/L	245952	3	13.556	624322	25.0