LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061522\
Data File : VV026282.D
Acq On : 15 Jun 2022 16:57
Operator : SY/MD
Sample : N3275-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0BD6

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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\SFAMVTR061522WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV026282.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.118	19	24	33	rVB	11766	11389	1.72%	0.148%
2	1.314	77	85	101	rBV	111361	125874	19.04%	1.637%
3	1.397	102	111	132	rBV	136536	243907	36.89%	3.172%
4	1.577	160	167	183	rVB	98450	116019	17.55%	1.509%
5	1.986	288	294	300	rBV	6485	8533	1.29%	0.111%
6	2.024	300	306	312	rVV2	8225	10597	1.60%	0.138%
7	2.066	313	319	324	rVV2	11423	16947	2.56%	0.220%
8	2.114	324	334	348	rVB2	222274	332990	50.37%	4.330%
9	2.204	348	362	405	rBV2	117572	460100	69.60%	5.983%
10	2.966	585	599	614	rBV2	13301	29797	4.51%	0.387%
11	3.188	658	668	683	rBV6	4706	11621	1.76%	0.151%
12	3.712	813	831	857	rBV2	44654	129244	19.55%	1.681%
13	3.921	879	896	948	rBV3	68143	317907	48.09%	4.134%
14	4.359	1017	1032	1057	rBV	118800	294688	44.57%	3.832%
15	5.053	1232	1248	1283	rBV2	263532	661109	100.00%	8.597%
16	5.339	1327	1337	1352	rBV6	3474	7296	1.10%	0.095%
17	5.539	1385	1399	1414	rBV2	55674	139029	21.03%	1.808%
18	5.622	1414	1425	1447	rVB	237092	480370	72.66%	6.247%
19	5.918	1505	1517	1539	rBV	189323	377678	57.13%	4.912%
20	6.021	1543	1549	1553	rVV2	8065	12136	1.84%	0.158%
21	6.076	1554	1566	1599	rVB	149978	322491	48.78%	4.194%
22	6.294	1624	1634	1655	rBV2	19906	44026	6.66%	0.573%
23	6.577	1717	1722	1738	rVB5	3566	7056	1.07%	0.092%
24	6.950	1829	1838	1842	rBV5	12700	19110	2.89%	0.249%
25	6.992	1842	1851	1871	rVB	57926	115007	17.40%	1.496%
26	7.143	1884	1898	1910	rVB5	4415	8784	1.33%	0.114%
27	7.320	1935	1953	1970	rVV	305906	550108	83.21%	7.154%
28	7.397	1970	1977	1993	rVB2	11334	25472	3.85%	0.331%
29	7.629	2039	2049	2067	rBV	32493	59856	9.05%	0.778%
30	7.941	2136	2146	2153	rBV3	11613	20777	3.14%	0.270%
31	7.979	2153	2158	2172	rVB5	9904	16916	2.56%	0.220%
32	8.092	2182	2193	2228	rBV	204323	432082	65.36%	5.619%
33	8.243	2232	2240	2256	rVV	43478	77538	11.73%	1.008%
34	8.410	2278	2292	2303	rBV5	5370	12845	1.94%	0.167%
35	8.728	2380	2391	2403	rBV2	26743	48118	7.28%	0.626%
36	8.854	2412	2430	2460	rBV	338822	562351	85.06%	7.313%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061522\
Data File : VV026282.D
Acq On : 15 Jun 2022 16:57
Operator : SY/MD
Sample : N3275-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0BD6

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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\SFAMVTR061522WMA.M
Title : TRACE VOA SFAM1.0

37	9.146	2513	2521	2536	rVB2	6691	11310	1.71%	0.147%
38	9.600	2654	2662	2678	rVB	14306	25260	3.82%	0.328%
39	9.818	2723	2730	2741	rVB8	4990	8830	1.34%	0.115%
40	9.908	2746	2758	2772	rBV5	9443	17280	2.61%	0.225%
41	10.217	2843	2854	2872	rBV	93502	147067	22.25%	1.913%
42	10.381	2888	2905	2921	rVB3	36502	67191	10.16%	0.874%
43	10.510	2935	2945	2950	rBV3	10816	16444	2.49%	0.214%
44	10.542	2950	2955	2962	rVB3	6510	8863	1.34%	0.115%
45	10.918	3062	3072	3097	rBV2	53790	102517	15.51%	1.333%
46	11.249	3163	3175	3193	rBV	319724	493238	74.61%	6.414%
47	11.346	3199	3205	3215	rVB7	7423	11428	1.73%	0.149%
48	11.526	3251	3261	3280	rBV	98983	181729	27.49%	2.363%
49	11.622	3281	3291	3313	rVB	277599	454722	68.78%	5.914%
50	12.252	3476	3487	3501	rBV3	14474	33910	5.13%	0.441%

Sum of corrected areas: 7689557

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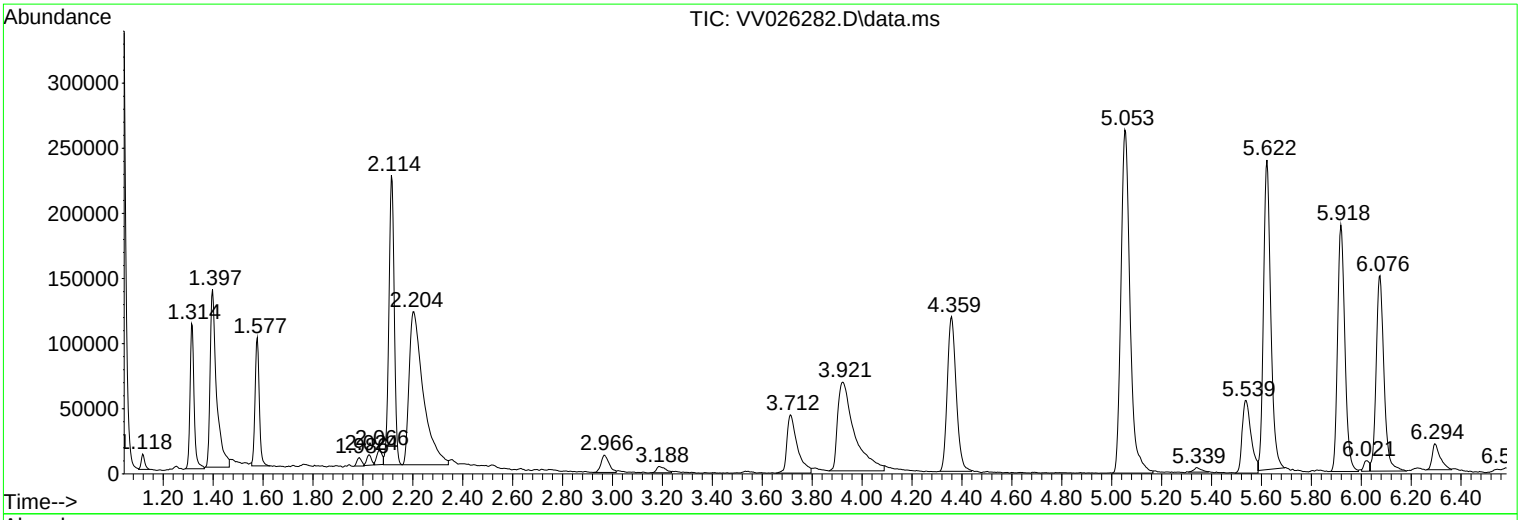
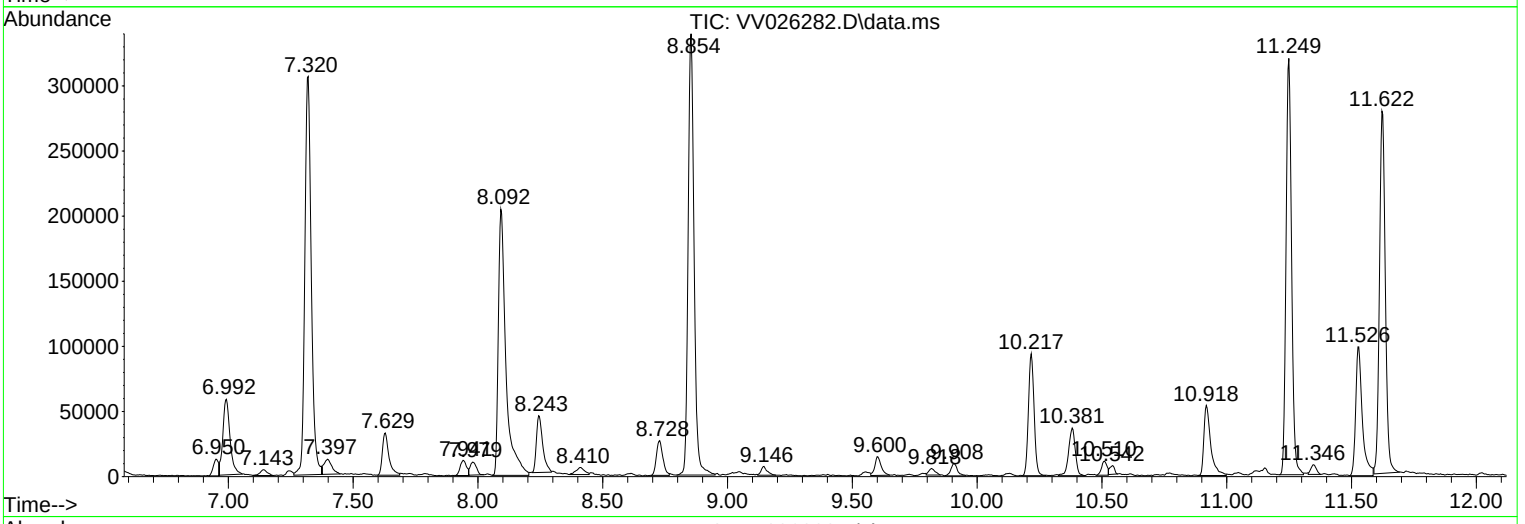
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

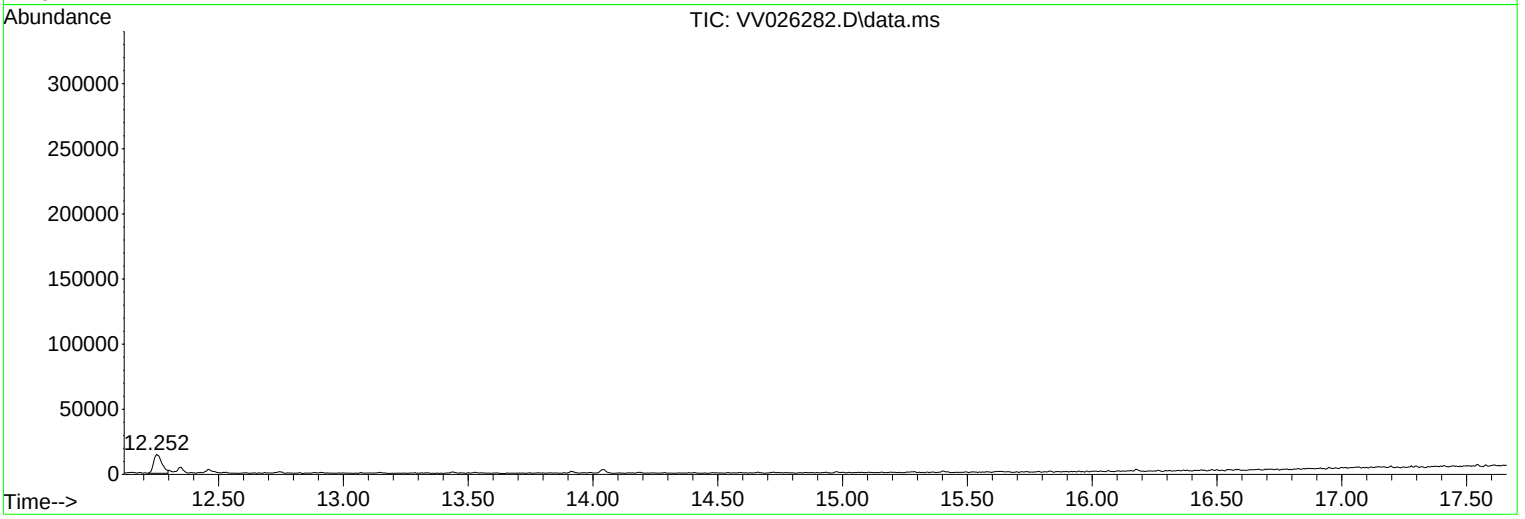
Instrument :
MSVOA_V
ClientSampleId :
C0BD6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061522\
Data File : VV026282.D
Acq On : 15 Jun 2022 16:57
Operator : SY/MD
Sample : N3275-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0BD6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0

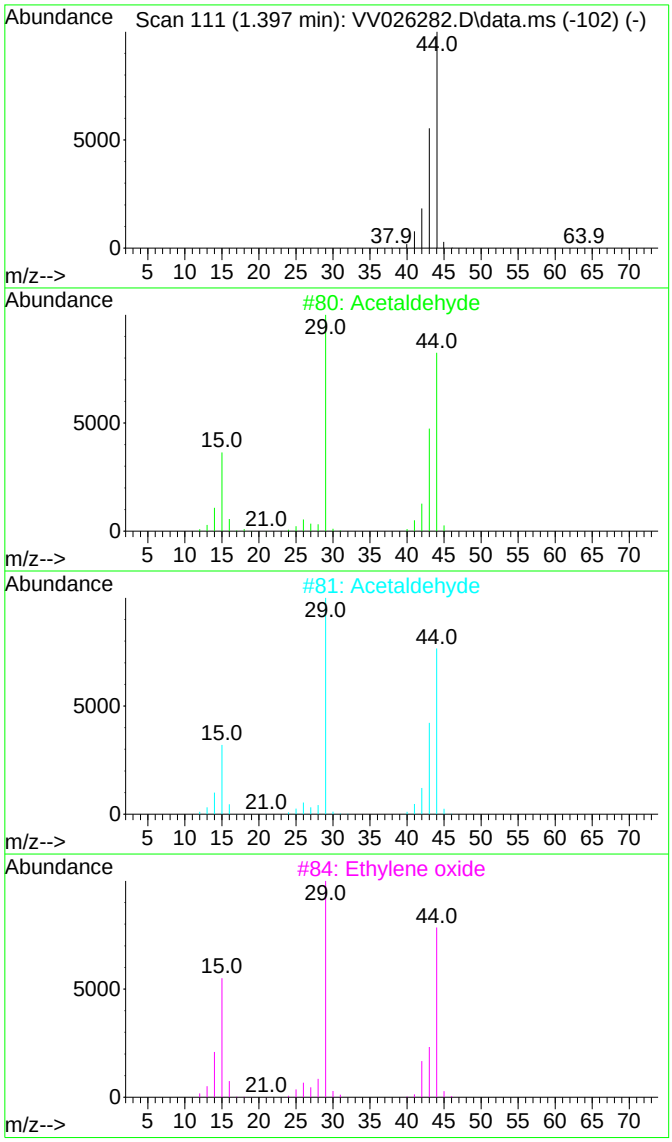
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

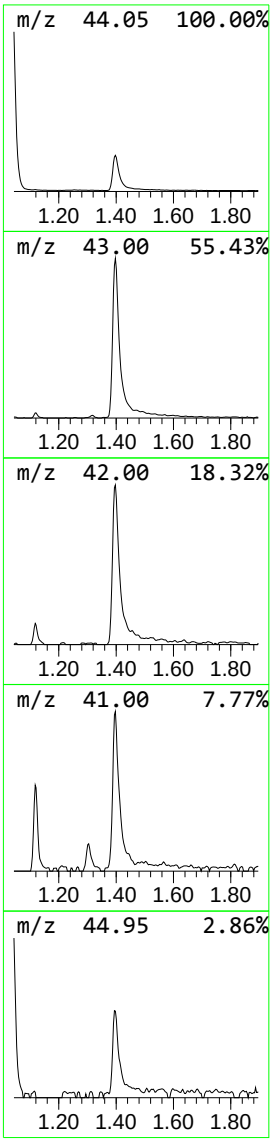
****

Peak Number 1 Acetaldehyde Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.397	2.54 ug/L	243907	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	64
2	Acetaldehyde	44	C2H4O	000075-07-0	64
3	Ethylene oxide	44	C2H4O	000075-21-8	5
4	Ethylene oxide	44	C2H4O	000075-21-8	5
5	Ethylene oxide	44	C2H4O	000075-21-8	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061522\
Data File : VV026282.D
Acq On : 15 Jun 2022 16:57
Operator : SY/MD
Sample : N3275-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0BD6

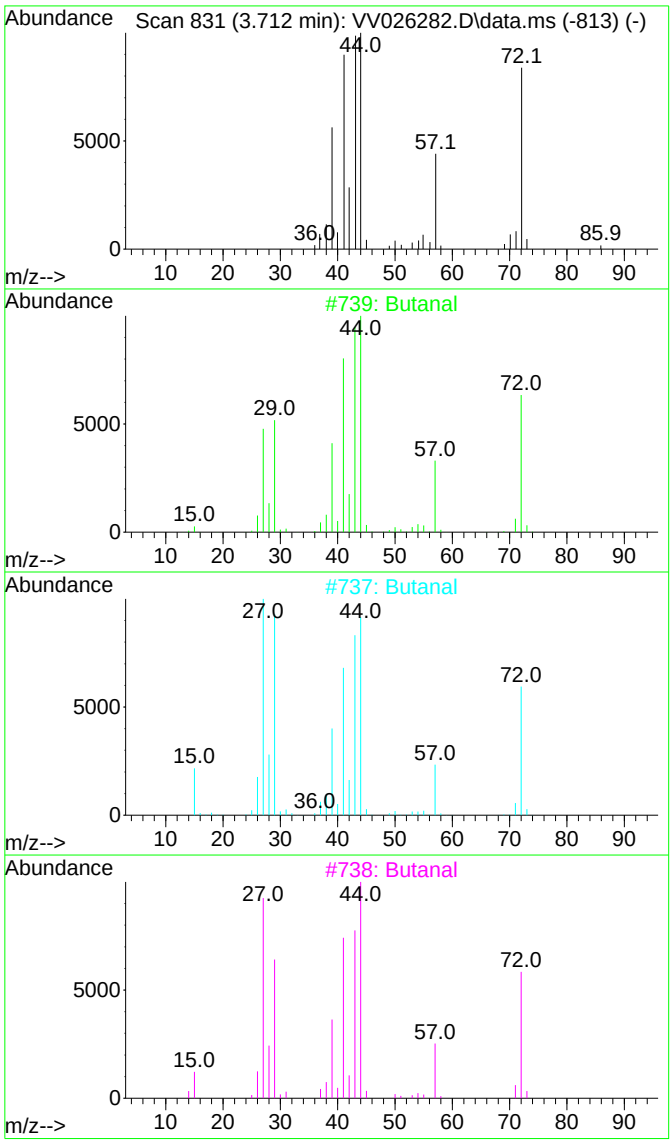
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0

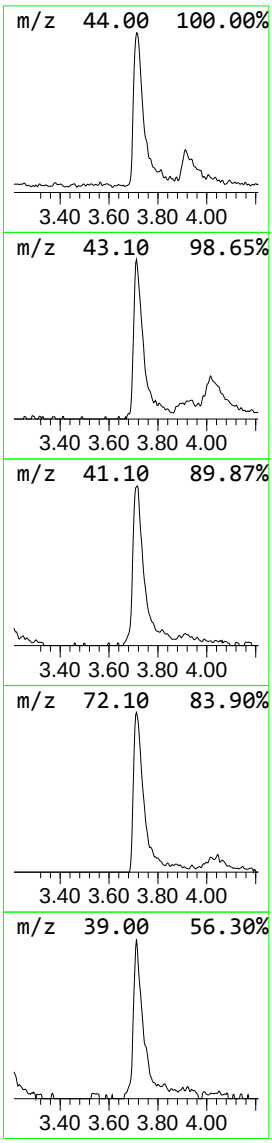
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.712	1.35 ug/L	129244	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal	72	C4H8O	000123-72-8	91
2	Butanal	72	C4H8O	000123-72-8	87
3	Butanal	72	C4H8O	000123-72-8	72
4	Butanal	72	C4H8O	000123-72-8	59
5	Butanal	72	C4H8O	000123-72-8	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061522\
Data File : VV026282.D
Acq On : 15 Jun 2022 16:57
Operator : SY/MD
Sample : N3275-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0BD6

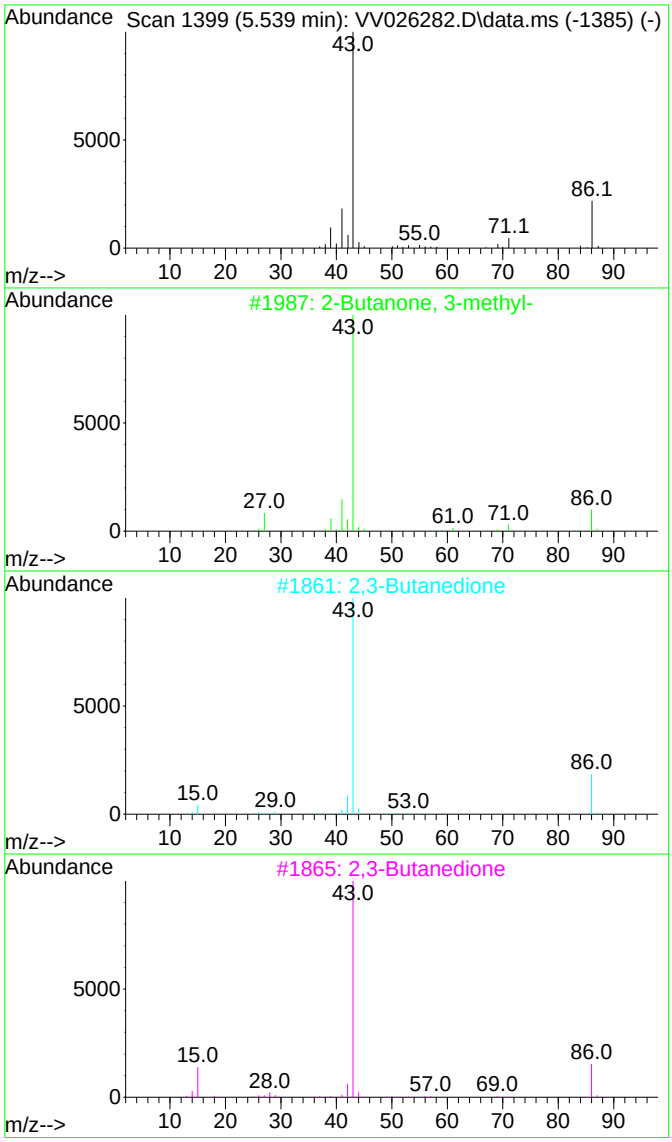
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0

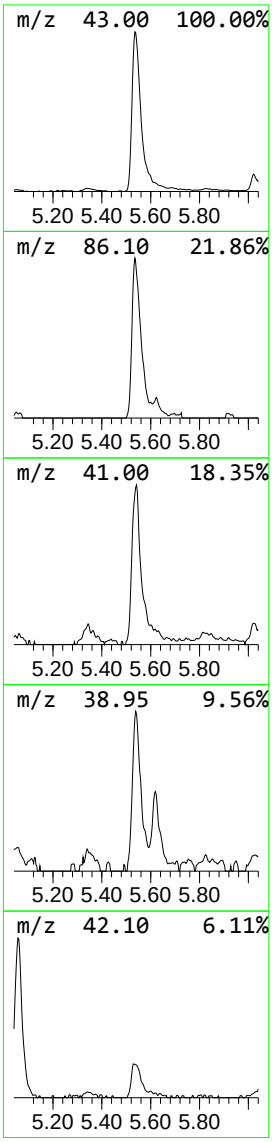
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.539	1.45 ug/L	139029	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	72
2	2,3-Butanedione	86	C4H6O2	000431-03-8	58
3	2,3-Butanedione	86	C4H6O2	000431-03-8	58
4	2-Pentanone	86	C5H10O	000107-87-9	53
5	2-Pentanone	86	C5H10O	000107-87-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061522\
Data File : VV026282.D
Acq On : 15 Jun 2022 16:57
Operator : SY/MD
Sample : N3275-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0BD6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0

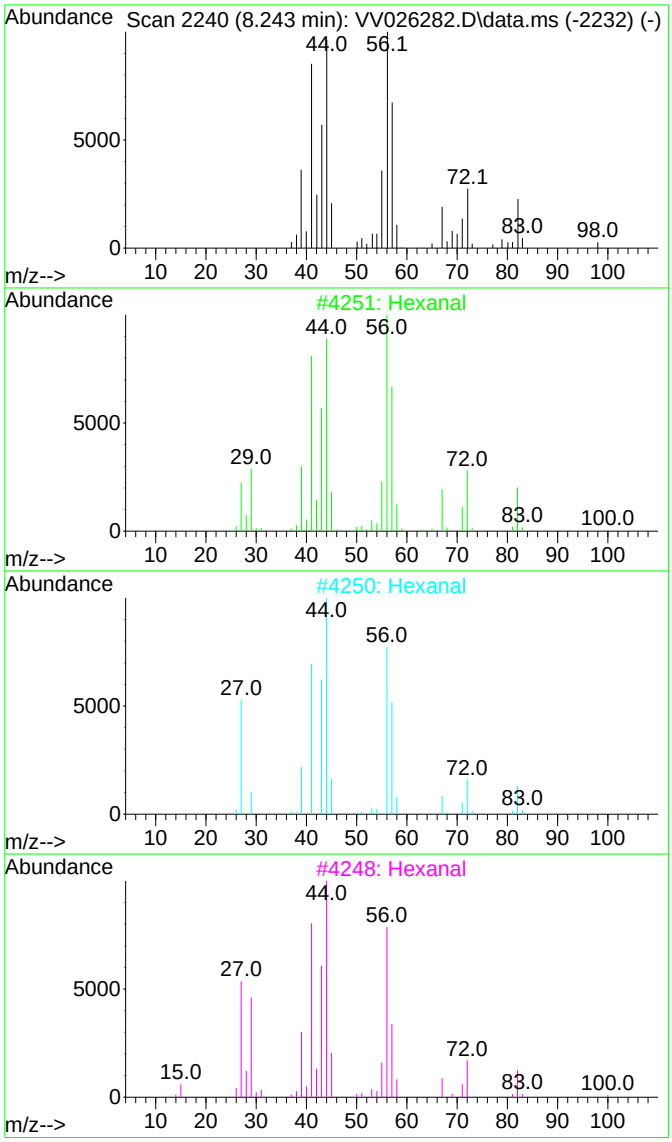
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

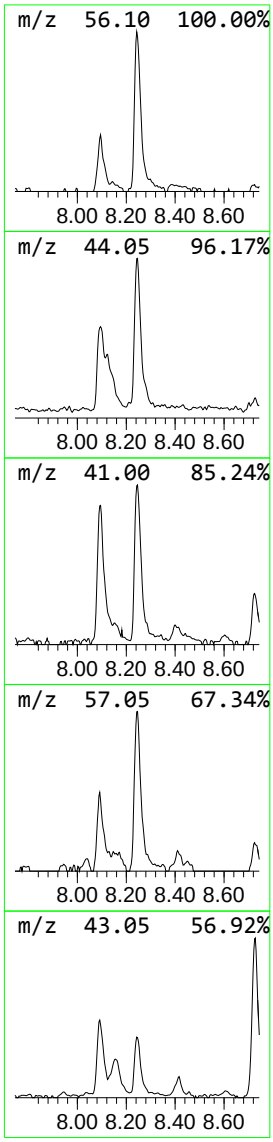
****

Peak Number 5 Hexanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.243	0.69 ug/L	77538	Chlorobenzene-d5	8.854

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	90
2	Hexanal	100	C6H12O	000066-25-1	86
3	Hexanal	100	C6H12O	000066-25-1	78
4	Hexanal	100	C6H12O	000066-25-1	72
5	Hexanal	100	C6H12O	000066-25-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061522\
Data File : VV026282.D
Acq On : 15 Jun 2022 16:57
Operator : SY/MD
Sample : N3275-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0BD6

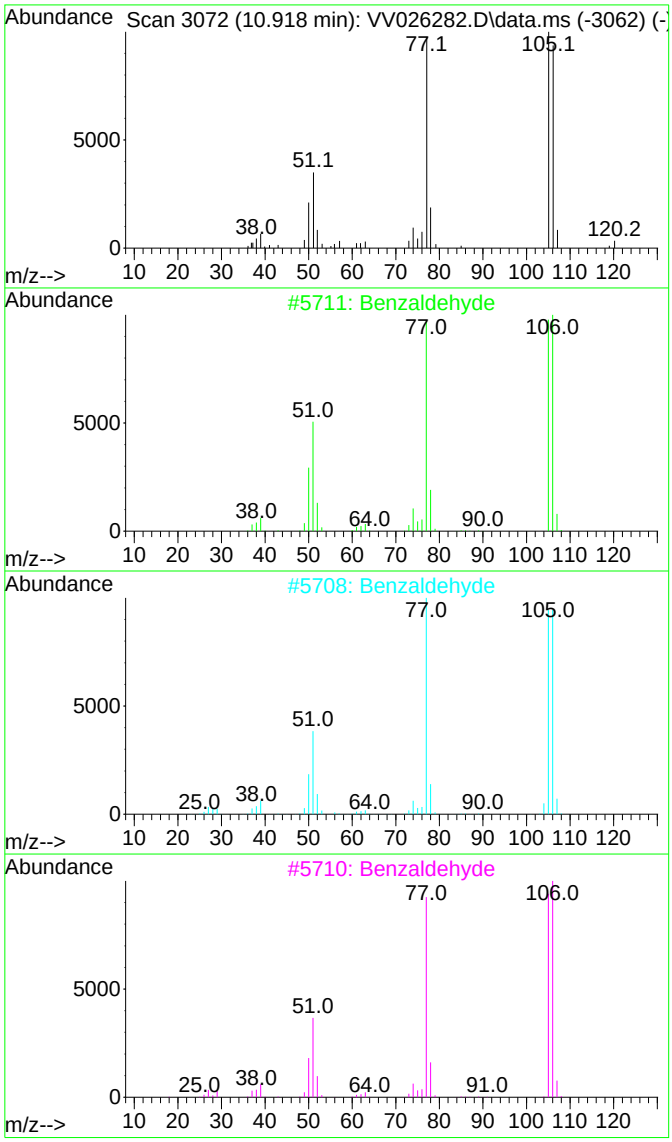
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0

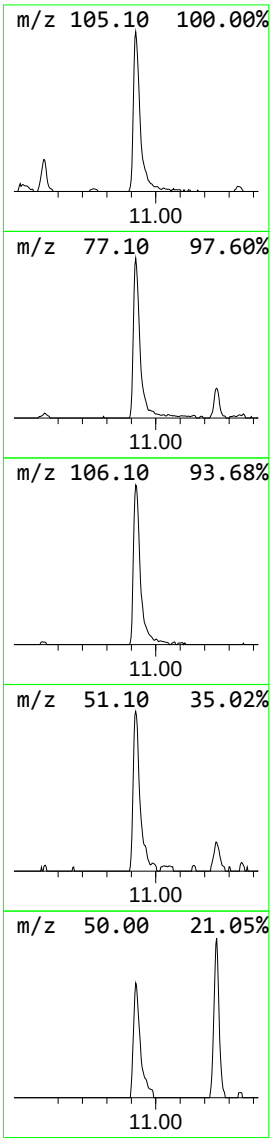
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzaldehyde Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.918	1.04 ug/L	102517	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde	106	C7H6O	000100-52-7	94
2	Benzaldehyde	106	C7H6O	000100-52-7	94
3	Benzaldehyde	106	C7H6O	000100-52-7	94
4	Benzaldehyde	106	C7H6O	000100-52-7	94
5	Benzaldehyde	106	C7H6O	000100-52-7	91





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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0BD6

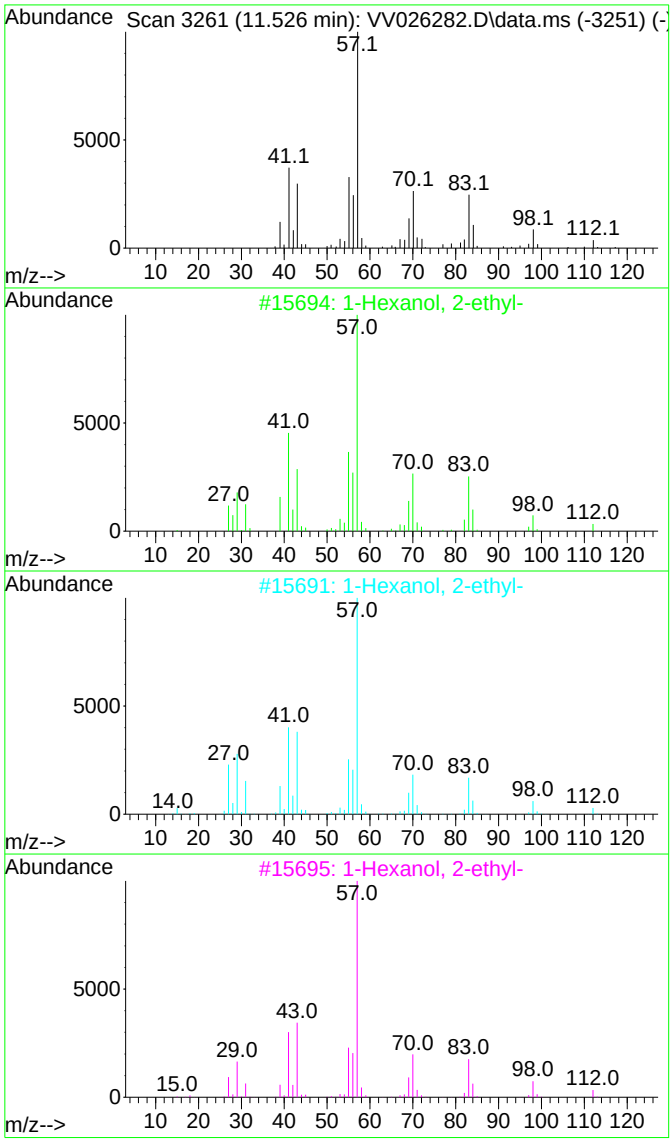
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0

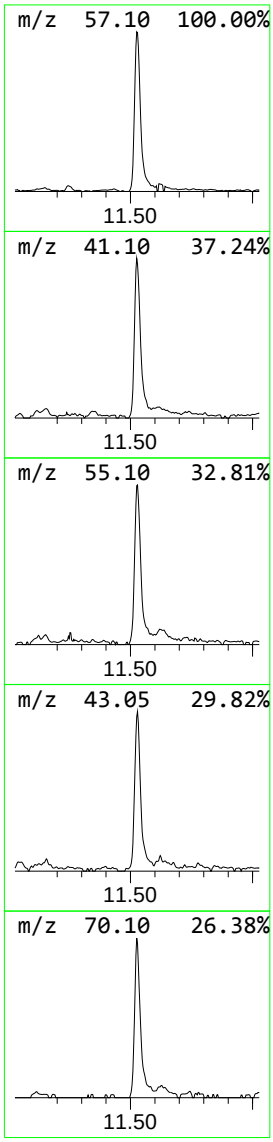
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.526	1.84 ug/L	181729	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061522\
Data File : VV026282.D
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Operator : SY/MD
Sample : N3275-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0BD6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Acetaldehyde	1.397	2.5	ug/L	243907	1	5.622	480370	5.0
Butanal	3.712	1.4	ug/L	129244	1	5.622	480370	5.0
2-Butanone, 3-m...	5.539	1.5	ug/L	139029	1	5.622	480370	5.0
Hexanal	8.243	0.7	ug/L	77538	2	8.854	562351	5.0
Benzaldehyde	10.918	1.0	ug/L	102517	3	11.249	493238	5.0
1-Hexanol, 2-et...	11.526	1.8	ug/L	181729	3	11.249	493238	5.0