LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032322\
Data File : VV025129.D
Acq On : 23 Mar 2022 13:59
Operator : SY/MD
Sample : N2044-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY33

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\SFAMVTR031522WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV025129.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.111	15	22	48	rVB	5148544	4871380	100.00%	29.447%
2	1.217	48	55	71	rVB	317414	280826	5.76%	1.698%
3	1.297	71	80	94	rBV2	2157698	3003147	61.65%	18.153%
4	1.355	94	98	104	rVB	78443	74769	1.53%	0.452%
5	1.416	110	117	136	rVB	365651	385814	7.92%	2.332%
6	1.561	153	162	176	rVV3	147109	197226	4.05%	1.192%
7	1.635	176	185	204	rVB	209283	258097	5.30%	1.560%
8	1.767	217	226	233	rBV	398548	494996	10.16%	2.992%
9	1.815	233	241	260	rVB3	422679	760636	15.61%	4.598%
10	1.902	260	268	281	rVB	59695	77603	1.59%	0.469%
11	1.982	281	293	301	rBV	197058	280665	5.76%	1.697%
12	2.027	301	307	319	rVB	51253	71804	1.47%	0.434%
13	2.111	319	333	343	rBV4	122296	204620	4.20%	1.237%
14	2.349	399	407	422	rVB	53598	84515	1.73%	0.511%
15	2.449	422	438	443	rBV4	42753	93516	1.92%	0.565%
16	2.577	472	478	501	rVB4	24965	51061	1.05%	0.309%
17	2.764	518	536	554	rVB3	30888	66974	1.37%	0.405%
18	2.947	568	593	611	rBV4	100413	234972	4.82%	1.420%
19	3.043	611	623	641	rVB2	41399	85328	1.75%	0.516%
20	3.194	661	670	689	rVB	68482	169641	3.48%	1.025%
21	3.455	736	751	779	rBV2	35323	93536	1.92%	0.565%
22	3.915	878	894	930	rBV2	26775	122821	2.52%	0.742%
23	4.352	1008	1030	1052	rBV	82712	239709	4.92%	1.449%
24	5.050	1230	1247	1257	rBV2	175744	430347	8.83%	2.601%
25	5.616	1412	1423	1454	rBV	159669	359197	7.37%	2.171%
26	5.921	1505	1518	1543	rVB8	17985	51125	1.05%	0.309%
27	6.069	1550	1564	1599	rBV	95819	207777	4.27%	1.256%
28	6.989	1839	1850	1871	rVB	43895	80331	1.65%	0.486%
29	7.316	1939	1952	1966	rBV	211106	370157	7.60%	2.238%
30	7.390	1966	1975	1996	rVB	77823	142907	2.93%	0.864%
31	8.091	2183	2193	2224	rBV	166248	348345	7.15%	2.106%
32	8.239	2229	2239	2280	rVB	171367	304482	6.25%	1.841%
33	8.850	2418	2429	2447	rBV	242811	398673	8.18%	2.410%
34	9.805	2710	2726	2751	rBV	126028	204903	4.21%	1.239%
35	10.217	2842	2854	2872	rBV	65190	101753	2.09%	0.615%
36	10.934	3059	3077	3093	rBV4	29737	52756	1.08%	0.319%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032322\
Data File : VV025129.D
Acq On : 23 Mar 2022 13:59
Operator : SY/MD
Sample : N2044-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY33

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\SFAMVTR031522WMA.M
Title : TRACE VOA SFAM1.0

37	11.146	3133	3143	3164	rBV	115507	183696	3.77%	1.110%
38	11.246	3164	3174	3192	rVB	265460	402938	8.27%	2.436%
39	11.622	3280	3291	3315	rVB	199872	314886	6.46%	1.903%
40	12.008	3400	3411	3433	rBV2	29351	56864	1.17%	0.344%
41	12.342	3503	3515	3535	rBV	184623	277807	5.70%	1.679%
42	13.098	3741	3750	3759	rBV3	28128	50487	1.04%	0.305%

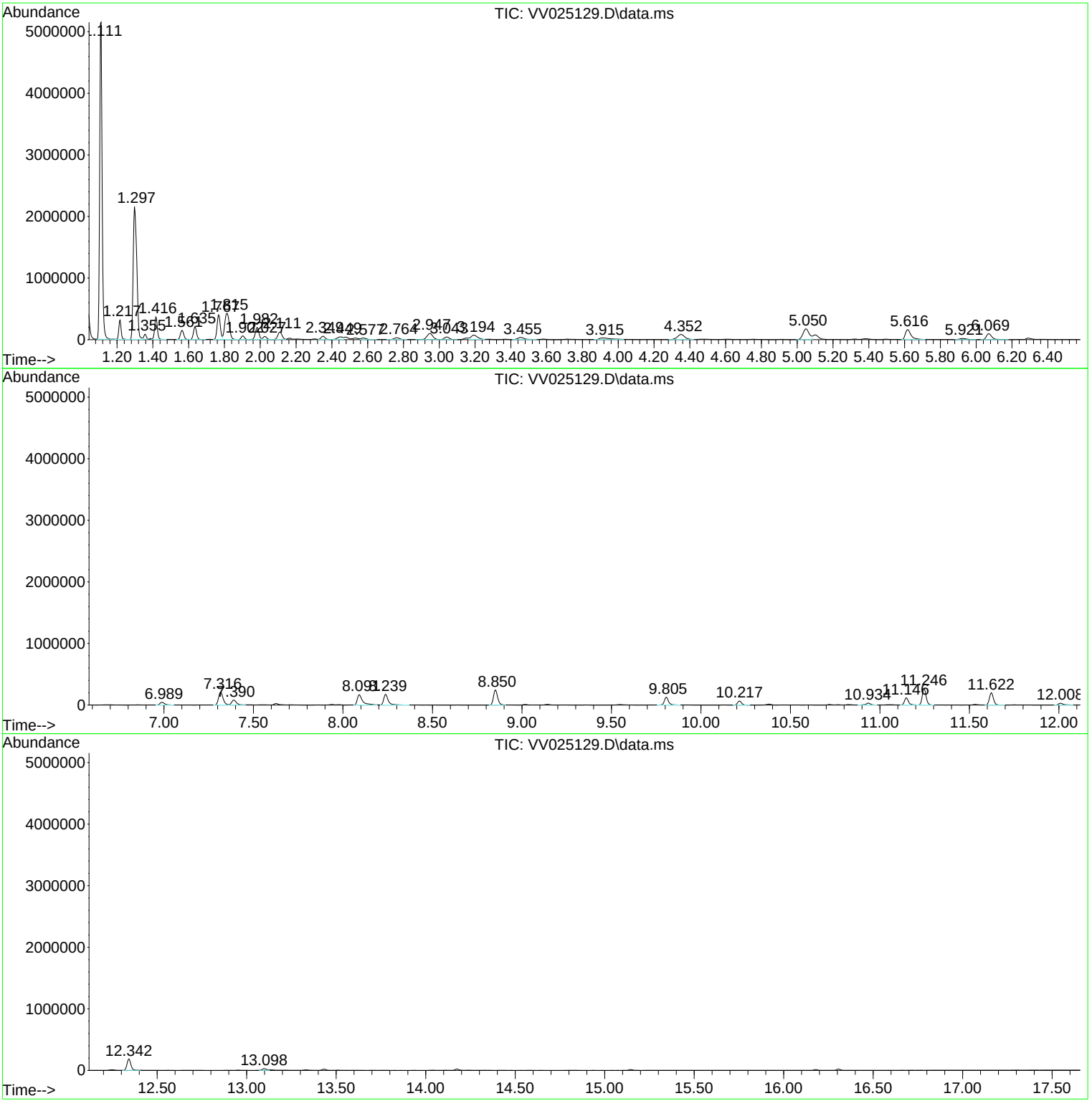
Sum of corrected areas: 16543087

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032322\
Data File : VV025129.D
Acq On : 23 Mar 2022 13:59
Operator : SY/MD
Sample : N2044-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY33

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.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\VV032322\
Data File : VV025129.D
Acq On : 23 Mar 2022 13:59
Operator : SY/MD
Sample : N2044-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY33

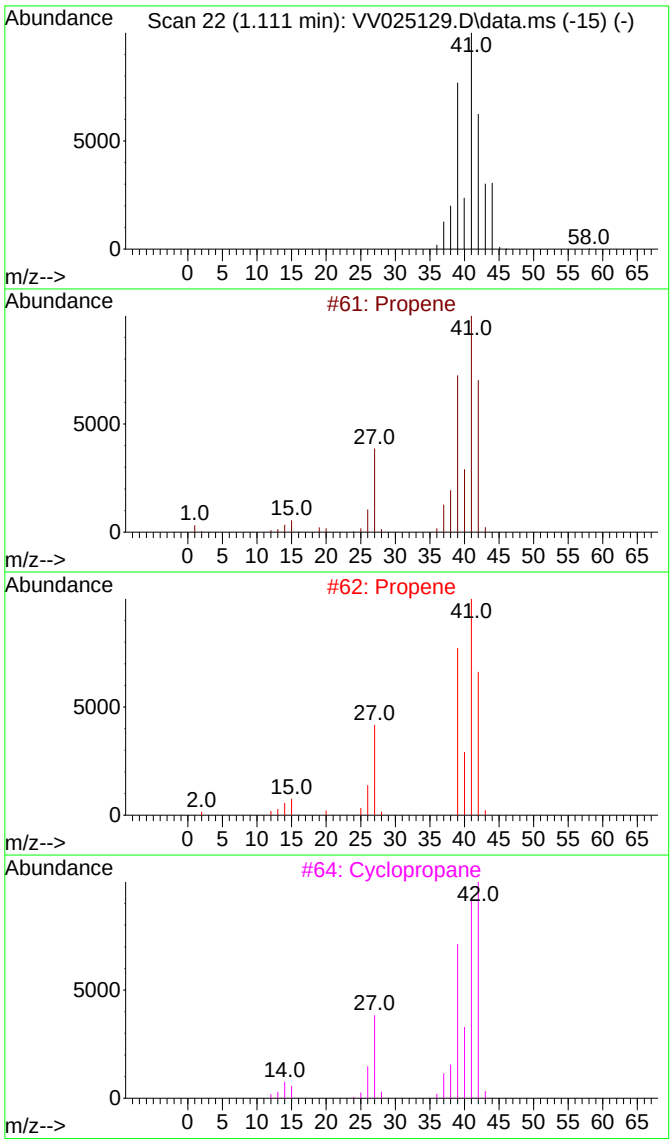
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

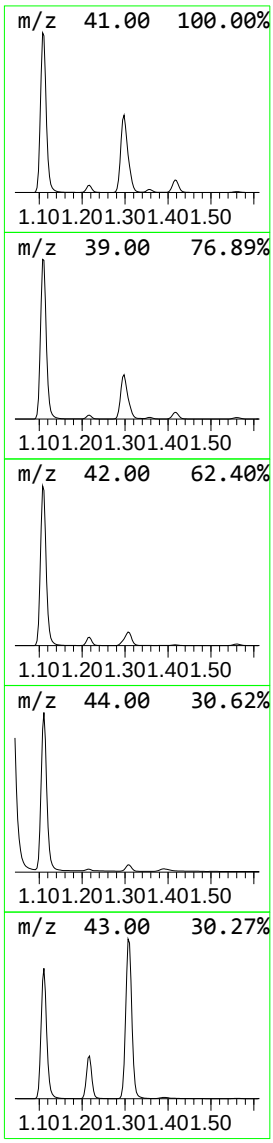
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.111	67.81 ug/L	4871380	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Propene	42	C3H6	000115-07-1	42
3	Cyclopropane	42	C3H6	000075-19-4	9
4	Cyclopropane	42	C3H6	000075-19-4	9
5	Cyclopropene	40	C3H4	002781-85-3	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032322\
Data File : VV025129.D
Acq On : 23 Mar 2022 13:59
Operator : SY/MD
Sample : N2044-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY33

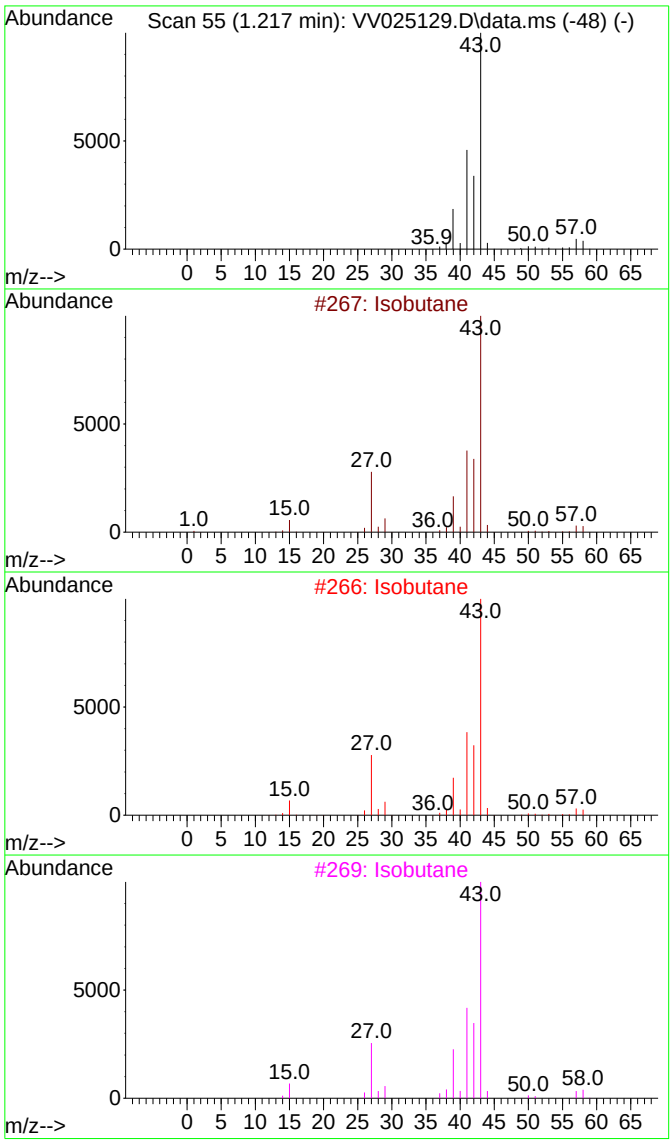
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

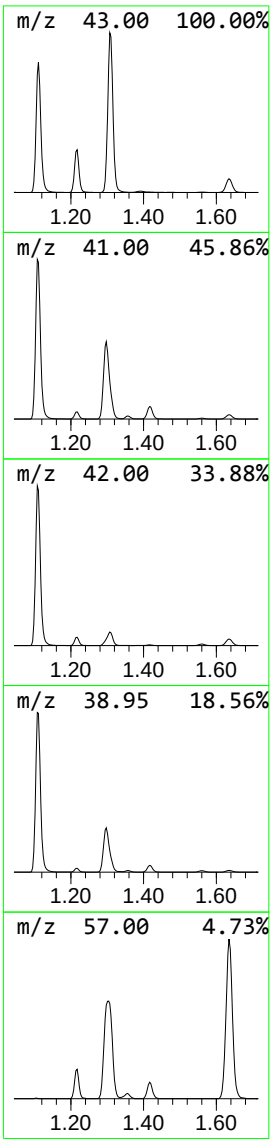
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.217	3.91 ug/L	280826	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	86
2	Isobutane	58	C4H10	000075-28-5	80
3	Isobutane	58	C4H10	000075-28-5	78
4	Isobutane	58	C4H10	000075-28-5	72
5	Isobutane	58	C4H10	000075-28-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032322\
Data File : VV025129.D
Acq On : 23 Mar 2022 13:59
Operator : SY/MD
Sample : N2044-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY33

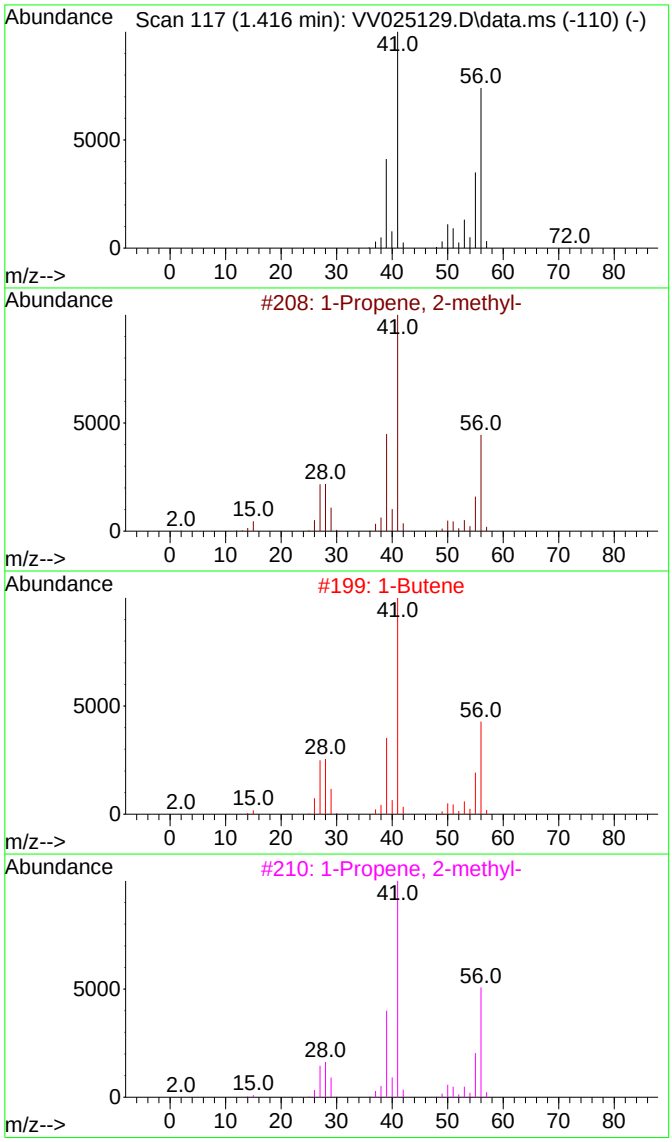
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

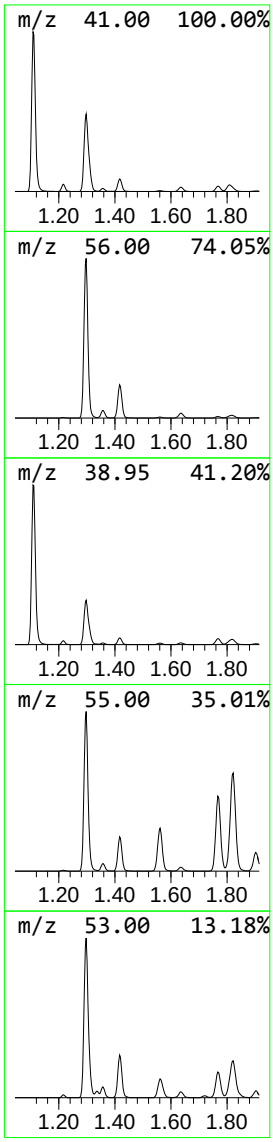
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.416	5.37 ug/L	385814	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	83
2	1-Butene	56	C4H8	000106-98-9	83
3	1-Propene, 2-methyl-	56	C4H8	000115-11-7	80
4	1-Butene	56	C4H8	000106-98-9	80
5	2-Butene, (Z)-	56	C4H8	000590-18-1	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032322\
Data File : VV025129.D
Acq On : 23 Mar 2022 13:59
Operator : SY/MD
Sample : N2044-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY33

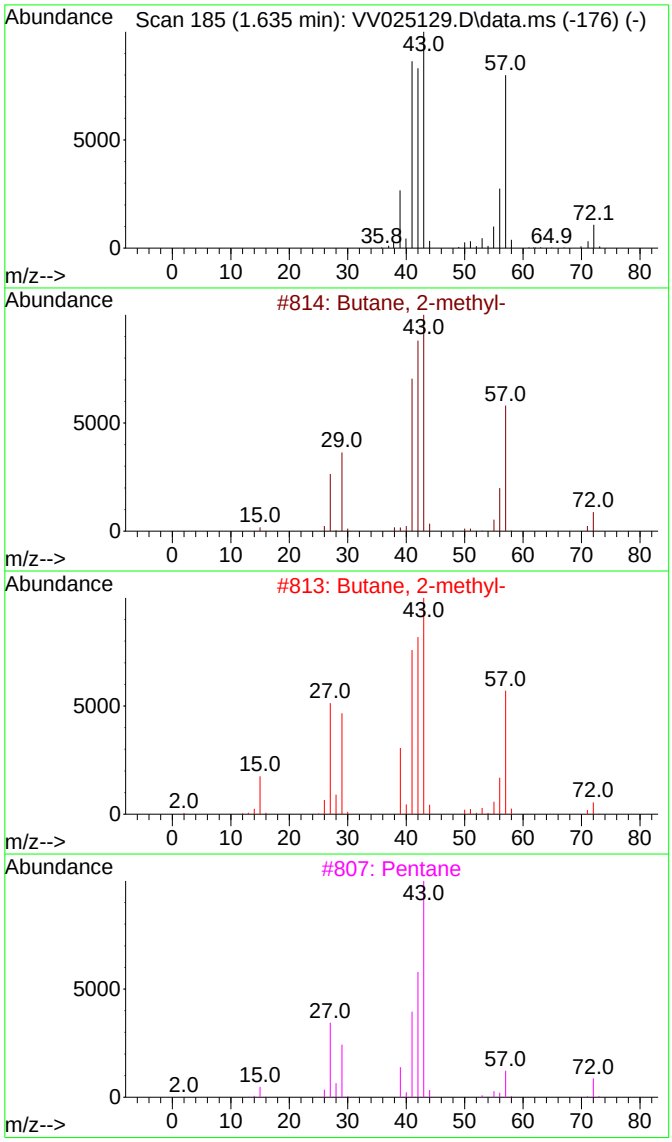
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

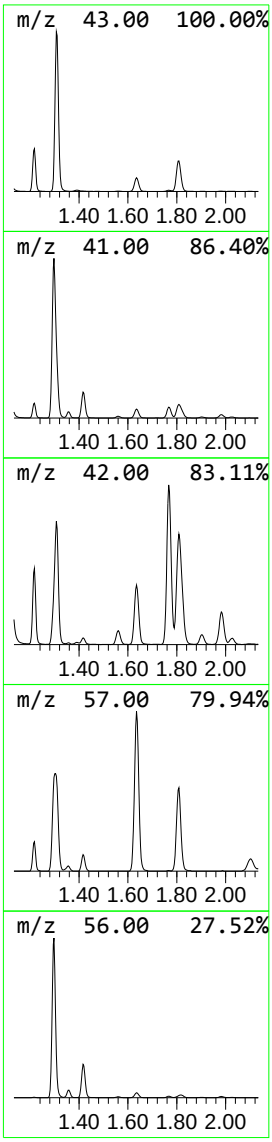
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.635	3.59 ug/L	258097	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	87
2	Butane, 2-methyl-	72	C5H12	000078-78-4	86
3	Pentane	72	C5H12	000109-66-0	42
4	Pentane	72	C5H12	000109-66-0	42
5	Pentane	72	C5H12	000109-66-0	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032322\
Data File : VV025129.D
Acq On : 23 Mar 2022 13:59
Operator : SY/MD
Sample : N2044-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY33

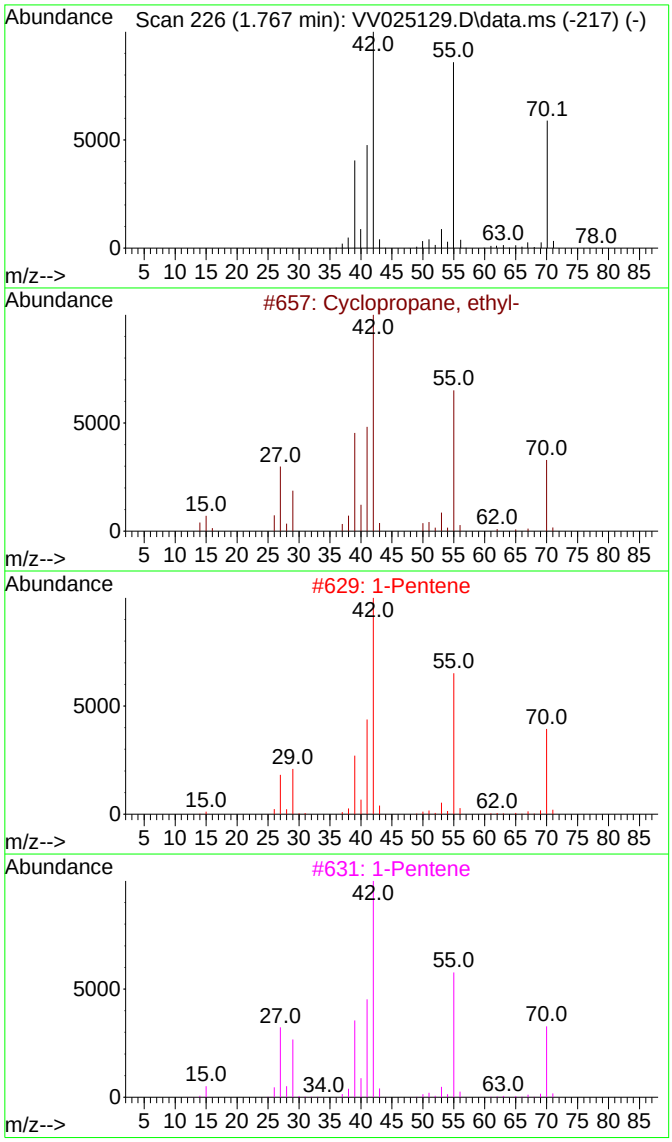
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

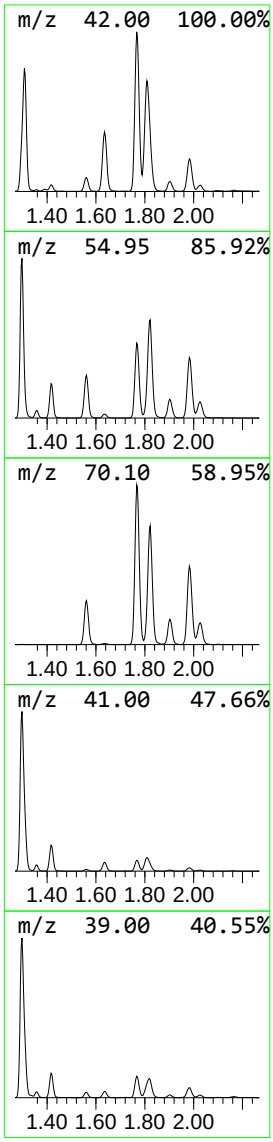
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic1.767 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.767	6.89 ug/L	494996	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	86
2	1-Pentene	70	C5H10	000109-67-1	81
3	1-Pentene	70	C5H10	000109-67-1	76
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	68
5	Cyclobutane, methyl-	70	C5H10	000598-61-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032322\
Data File : VV025129.D
Acq On : 23 Mar 2022 13:59
Operator : SY/MD
Sample : N2044-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY33

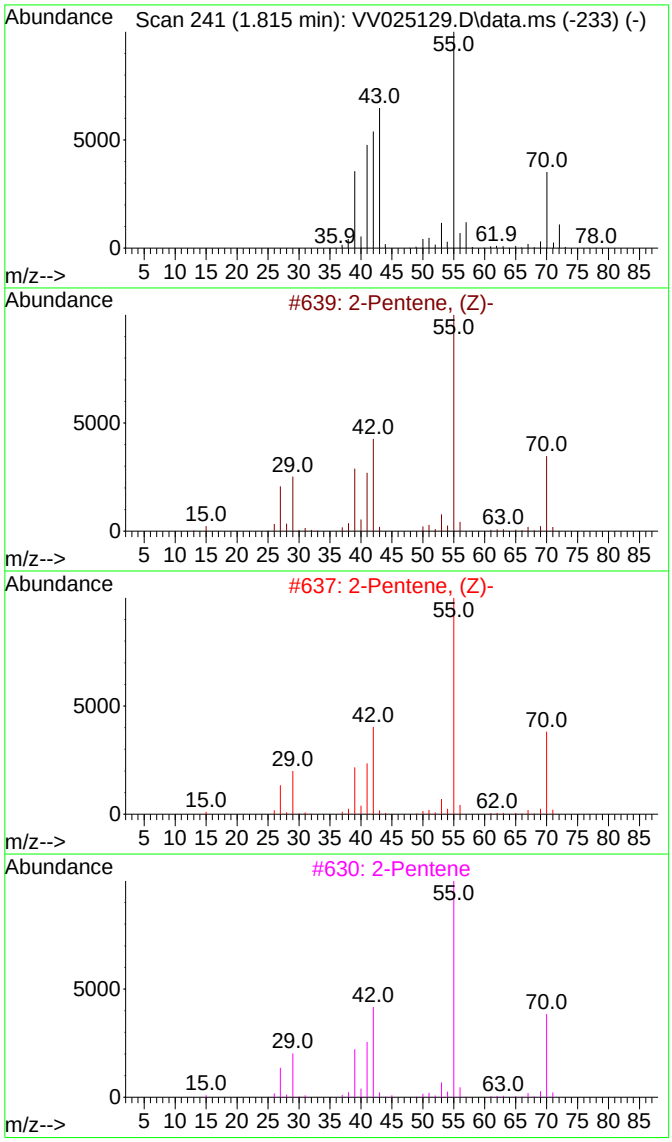
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

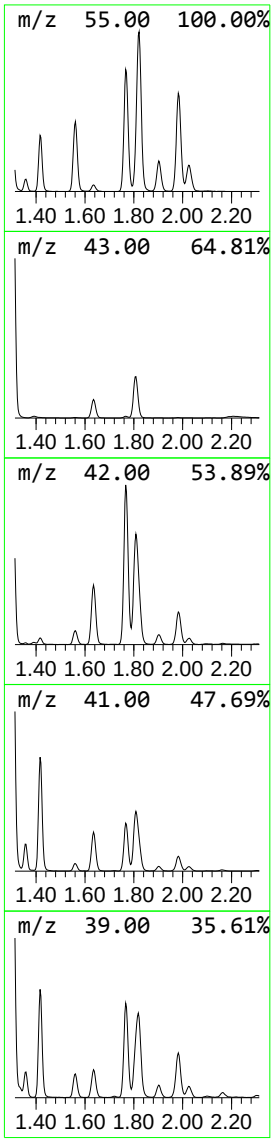
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.815	10.59 ug/L	760636	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (Z)-	70	C5H10	000627-20-3	76
2	2-Pentene, (Z)-	70	C5H10	000627-20-3	68
3	2-Pentene	70	C5H10	000109-68-2	68
4	2-Pentene, (E)-	70	C5H10	000646-04-8	68
5	2-Pentene, (Z)-	70	C5H10	000627-20-3	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032322\
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Acq On : 23 Mar 2022 13:59
Operator : SY/MD
Sample : N2044-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY33

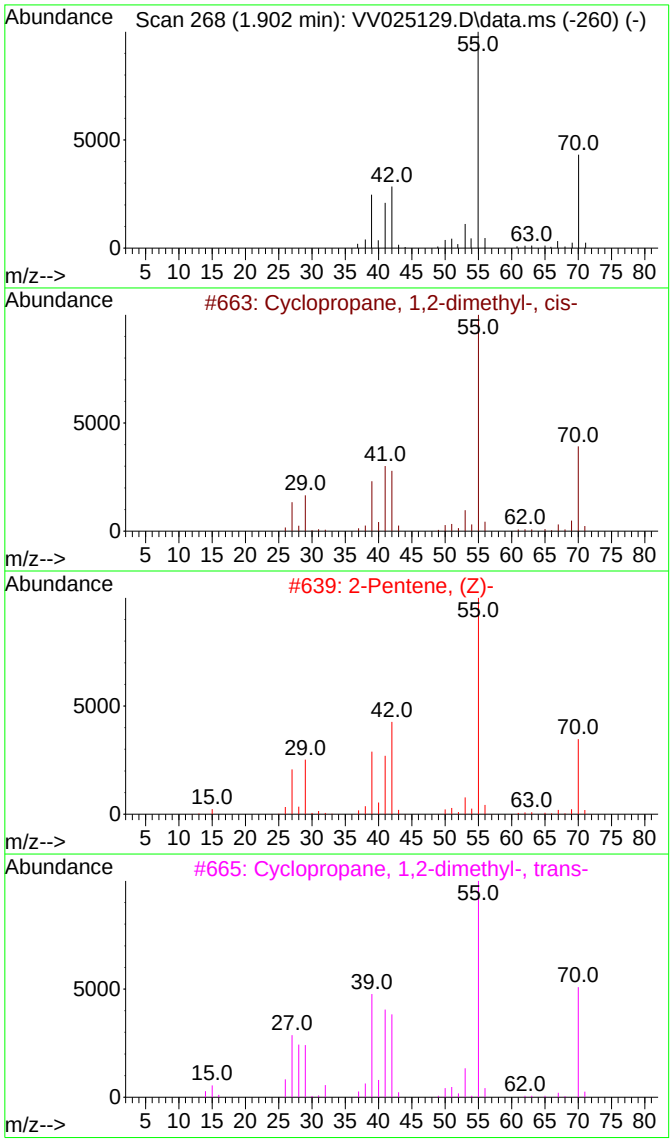
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

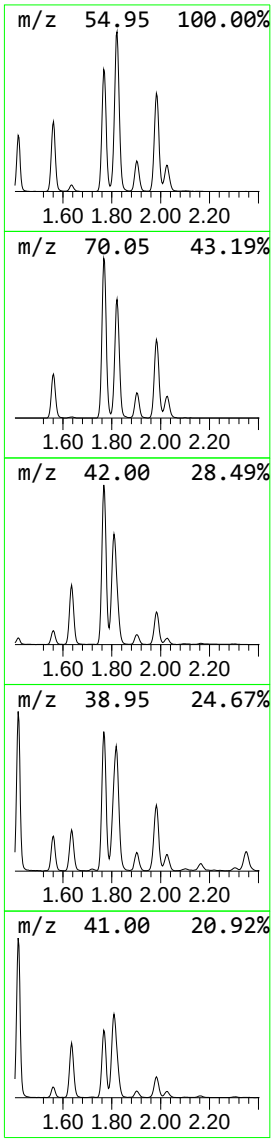
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic1.902 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.902	1.08 ug/L	77603	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	90
2	2-Pentene, (Z)-	70	C5H10	000627-20-3	90
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	87
4	2-Butene, 2-methyl-	70	C5H10	000513-35-9	87
5	2-Butene, 2-methyl-	70	C5H10	000513-35-9	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032322\
Data File : VV025129.D
Acq On : 23 Mar 2022 13:59
Operator : SY/MD
Sample : N2044-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY33

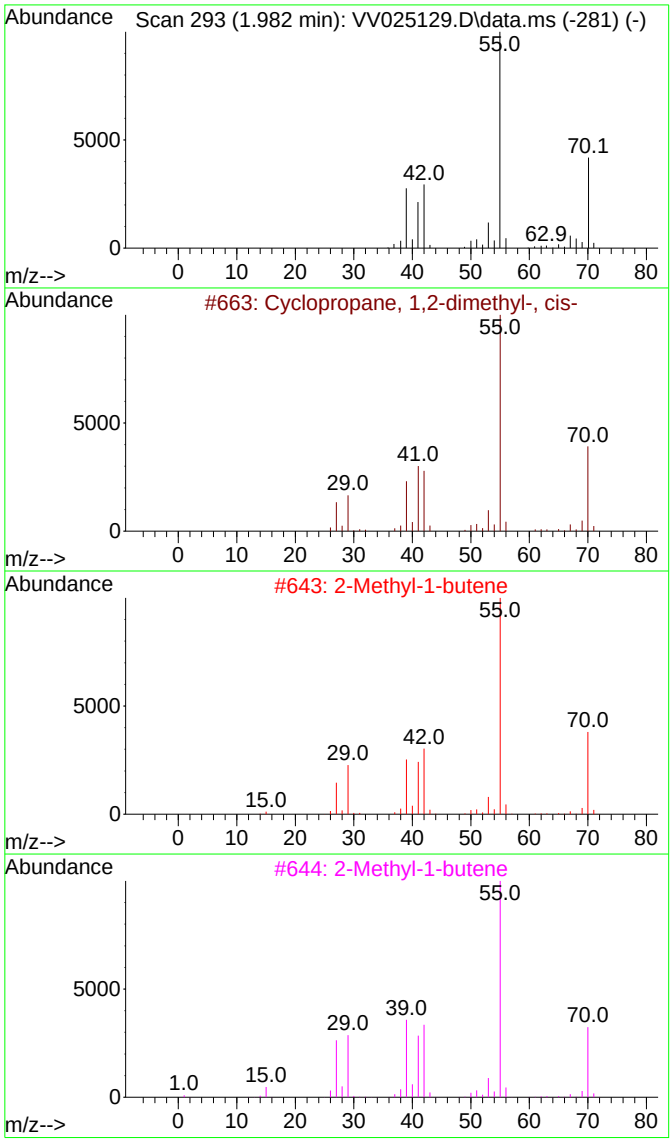
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

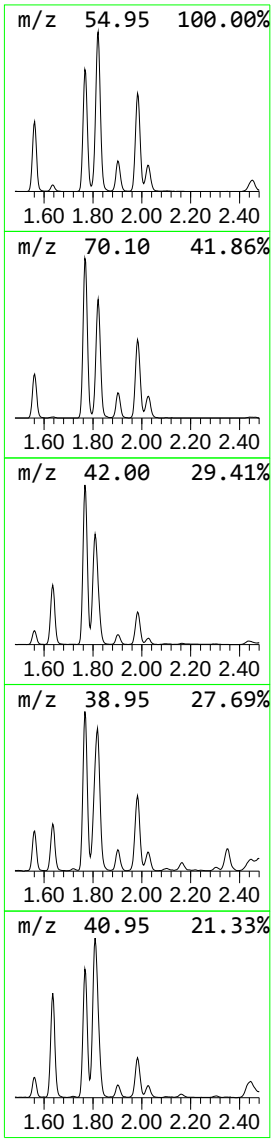
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic1.982 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.982	3.91 ug/L	280665	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	90
2	2-Methyl-1-butene	70	C5H10	000563-46-2	90
3	2-Methyl-1-butene	70	C5H10	000563-46-2	87
4	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	87
5	2-Butene, 2-methyl-	70	C5H10	000513-35-9	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032322\
Data File : VV025129.D
Acq On : 23 Mar 2022 13:59
Operator : SY/MD
Sample : N2044-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY33

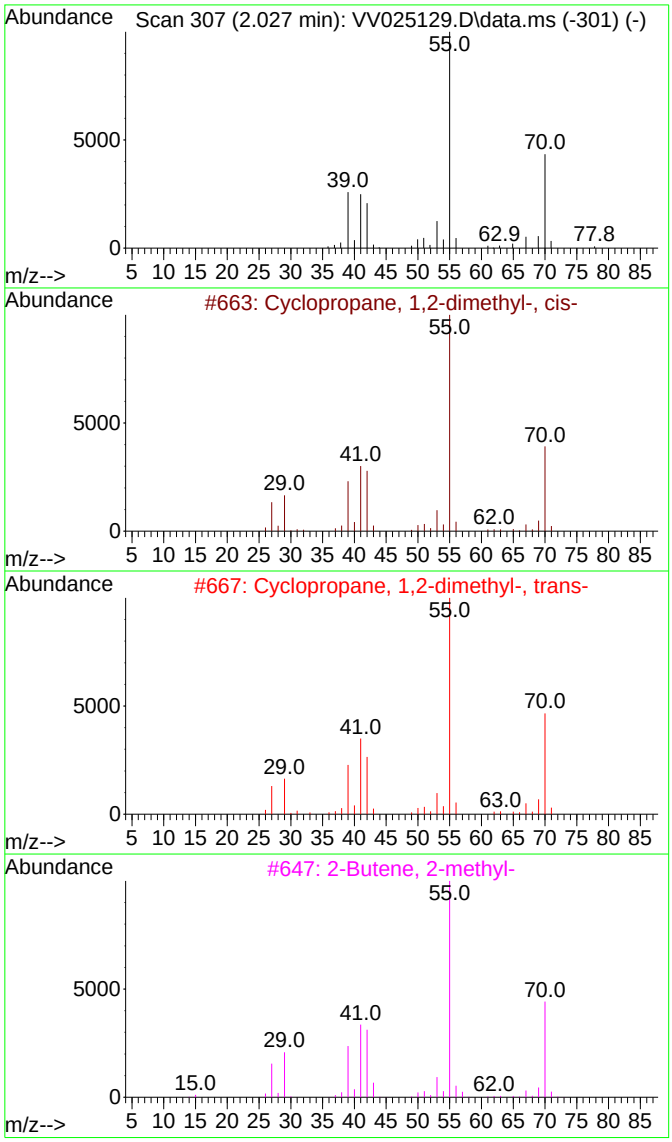
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

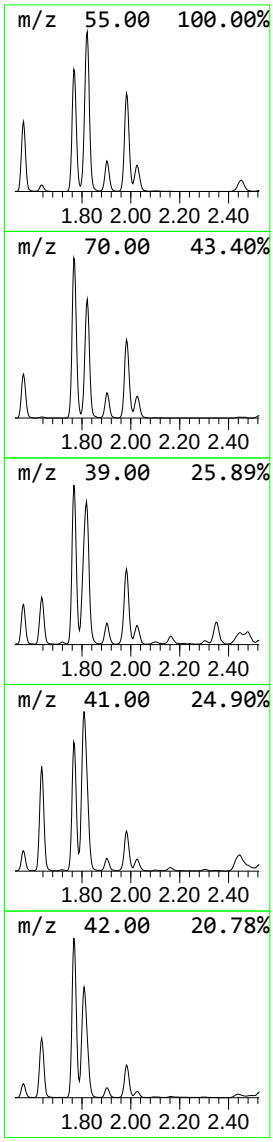
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic2.027 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.027	1.00 ug/L	71804	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
2	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	91
3	2-Butene, 2-methyl-	70	C5H10	000513-35-9	90
4	2-Pentene, (E)-	70	C5H10	000646-04-8	86
5	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	80





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Acq On : 23 Mar 2022 13:59
Operator : SY/MD
Sample : N2044-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY33

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

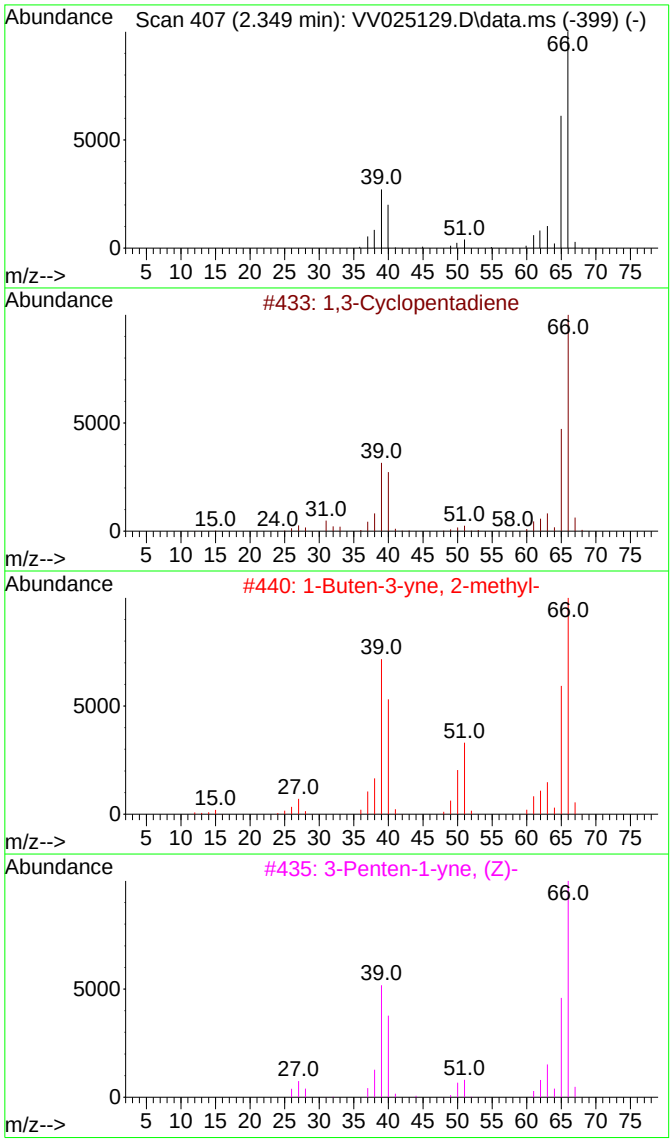
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

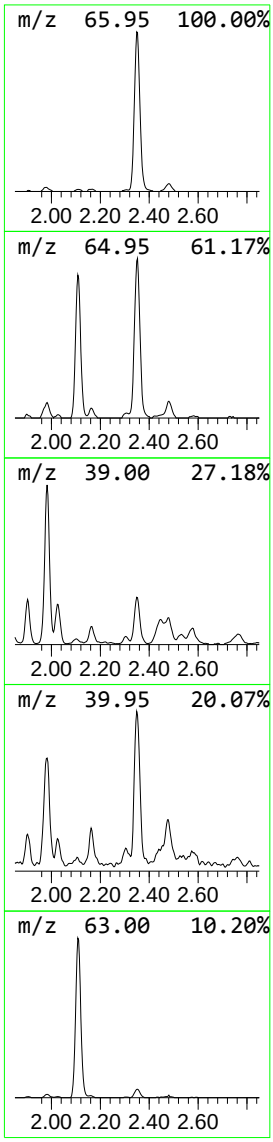
****

Peak Number 10 1,3-Cyclopentadiene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.349	1.18 ug/L	84515	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene	66	C5H6	000542-92-7	91
2	1-Buten-3-yne, 2-methyl-	66	C5H6	000078-80-8	90
3	3-Penten-1-yne, (Z)-	66	C5H6	001574-40-9	83
4	1-Buten-3-yne, 2-methyl-	66	C5H6	000078-80-8	83
5	3-Penten-1-yne, (E)-	66	C5H6	002004-69-5	78





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Operator : SY/MD
Sample : N2044-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY33

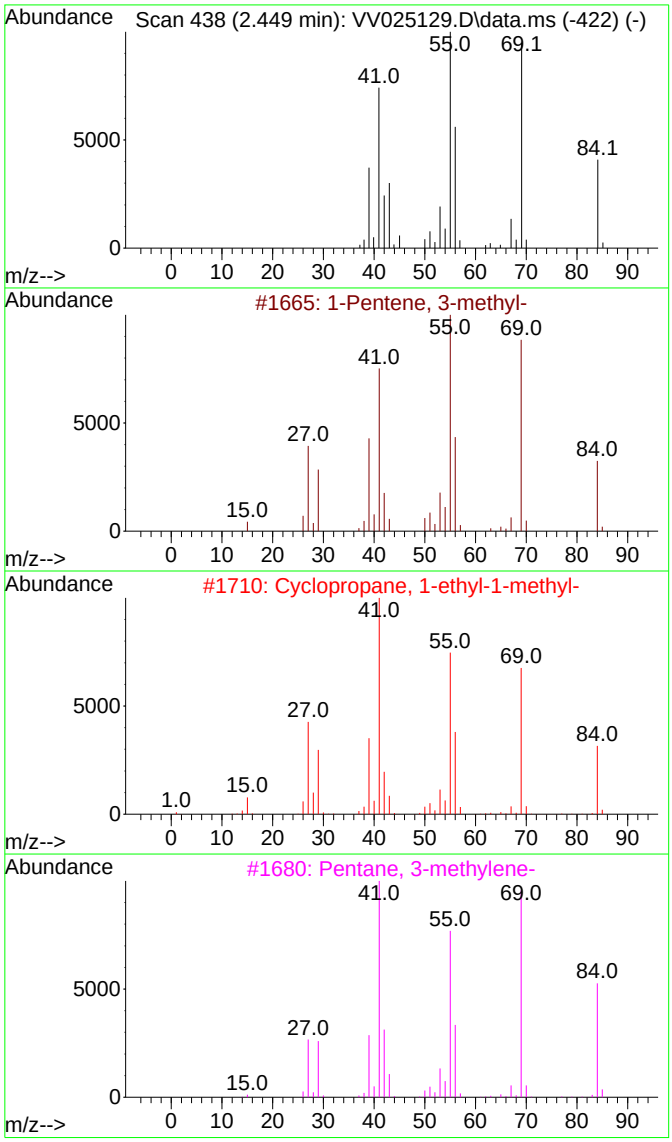
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

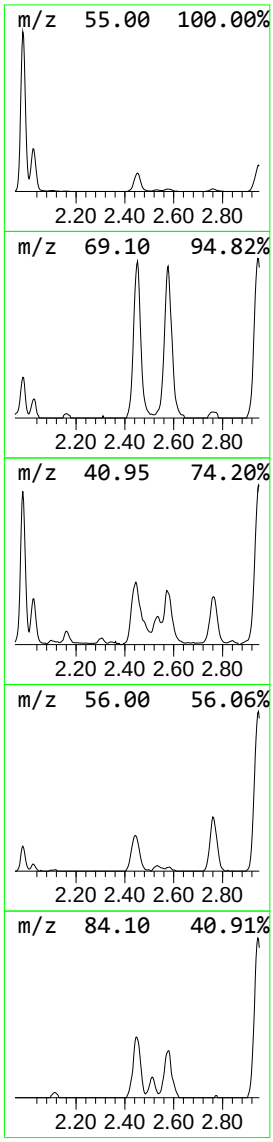
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.449	1.30 ug/L	93516	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	90
2	Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	87
3	Pentane, 3-methylene-	84	C6H12	000760-21-4	83
4	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	80
5	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	80





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Acq On : 23 Mar 2022 13:59
Operator : SY/MD
Sample : N2044-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY33

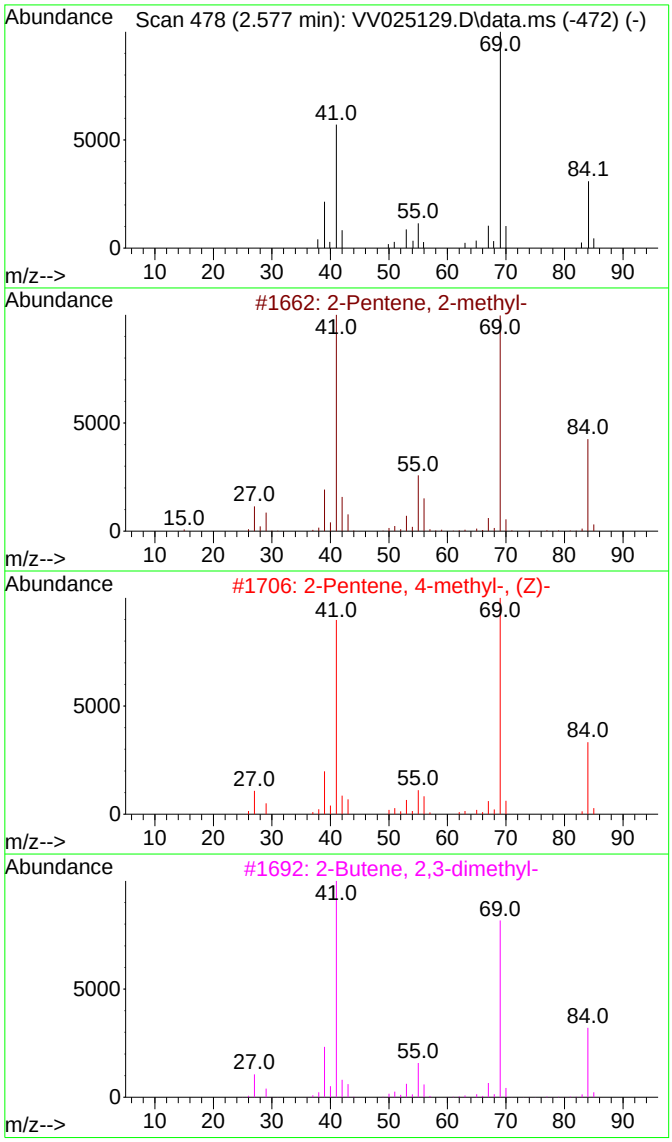
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

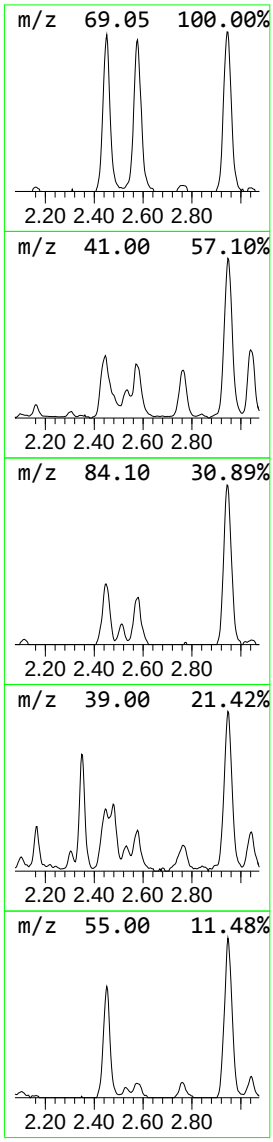
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.577	0.71 ug/L	51061	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	90
2	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	90
3	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	86
4	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	86
5	1-Butene, 2,3-dimethyl-	84	C6H12	000563-78-0	86





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Acq On : 23 Mar 2022 13:59
Operator : SY/MD
Sample : N2044-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY33

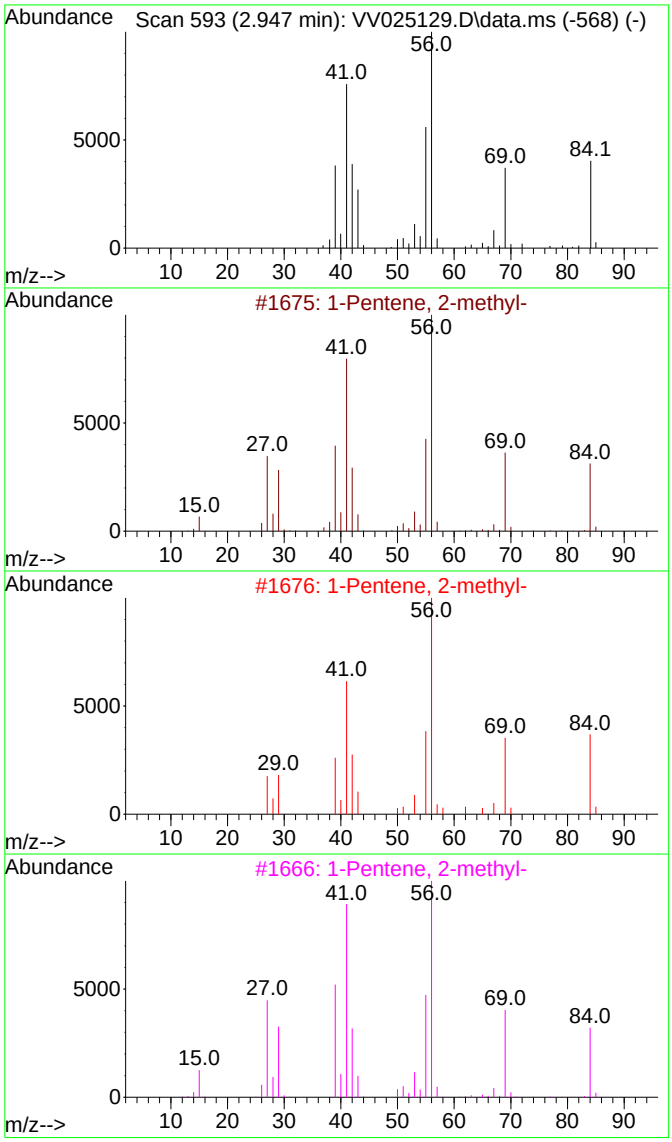
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

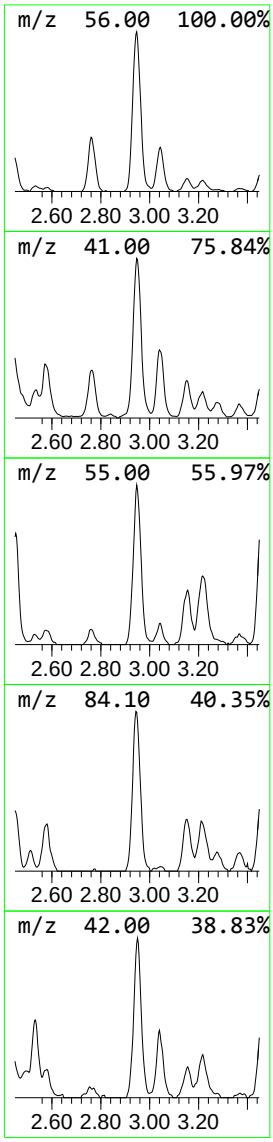
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.947	3.27 ug/L	234972	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	81
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	68
4	1-Hexene	84	C6H12	000592-41-6	59
5	1-Hexene	84	C6H12	000592-41-6	58





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Acq On : 23 Mar 2022 13:59
Operator : SY/MD
Sample : N2044-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY33

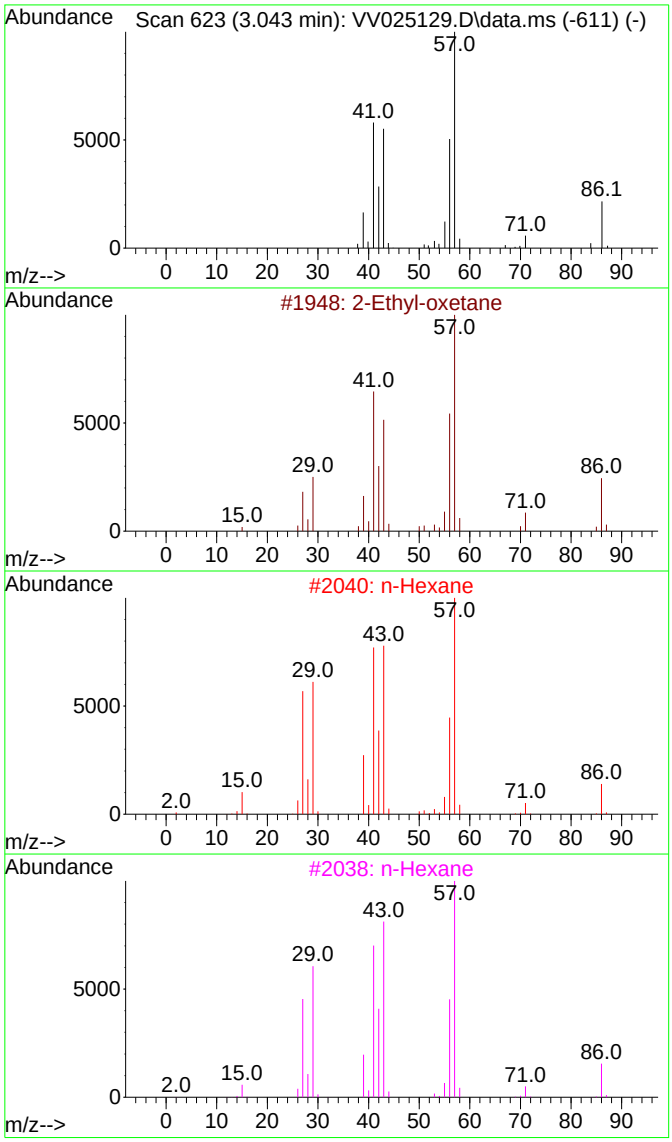
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

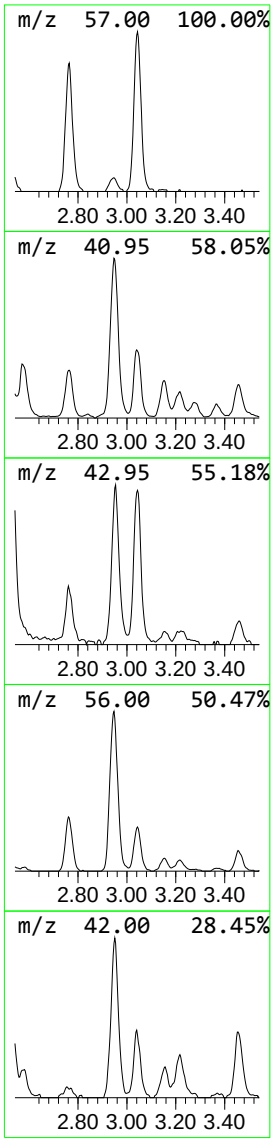
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 2-Ethyl-oxetane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.043	1.19 ug/L	85328	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	87
2	n-Hexane	86	C6H14	000110-54-3	83
3	n-Hexane	86	C6H14	000110-54-3	83
4	n-Hexane	86	C6H14	000110-54-3	83
5	n-Hexane	86	C6H14	000110-54-3	72





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Acq On : 23 Mar 2022 13:59
Operator : SY/MD
Sample : N2044-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY33

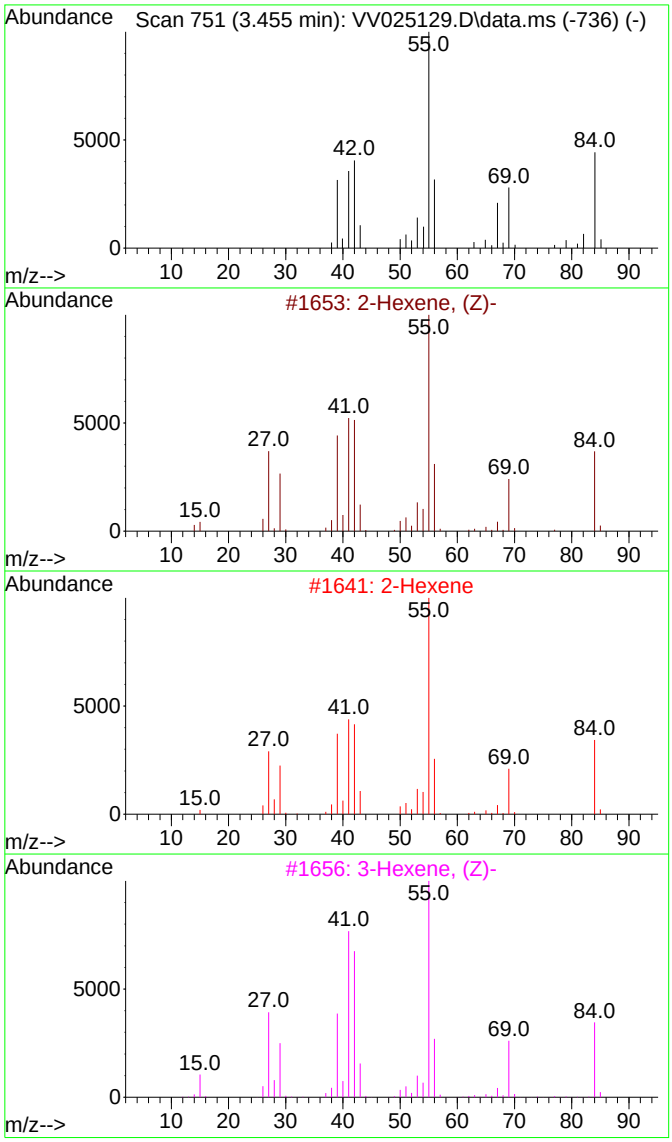
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

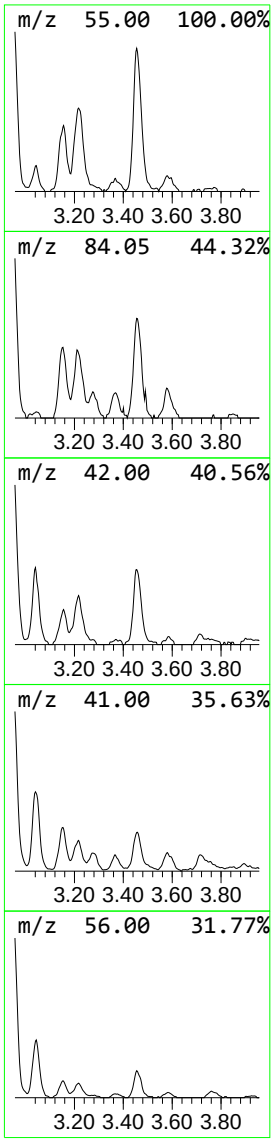
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.455	1.30 ug/L	93536	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, (Z)-	84	C6H12	007688-21-3	87
2	2-Hexene	84	C6H12	000592-43-8	87
3	3-Hexene, (Z)-	84	C6H12	007642-09-3	83
4	2-Hexene, (Z)-	84	C6H12	007688-21-3	83
5	3-Hexene, (Z)-	84	C6H12	007642-09-3	80





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Acq On : 23 Mar 2022 13:59
Operator : SY/MD
Sample : N2044-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY33

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

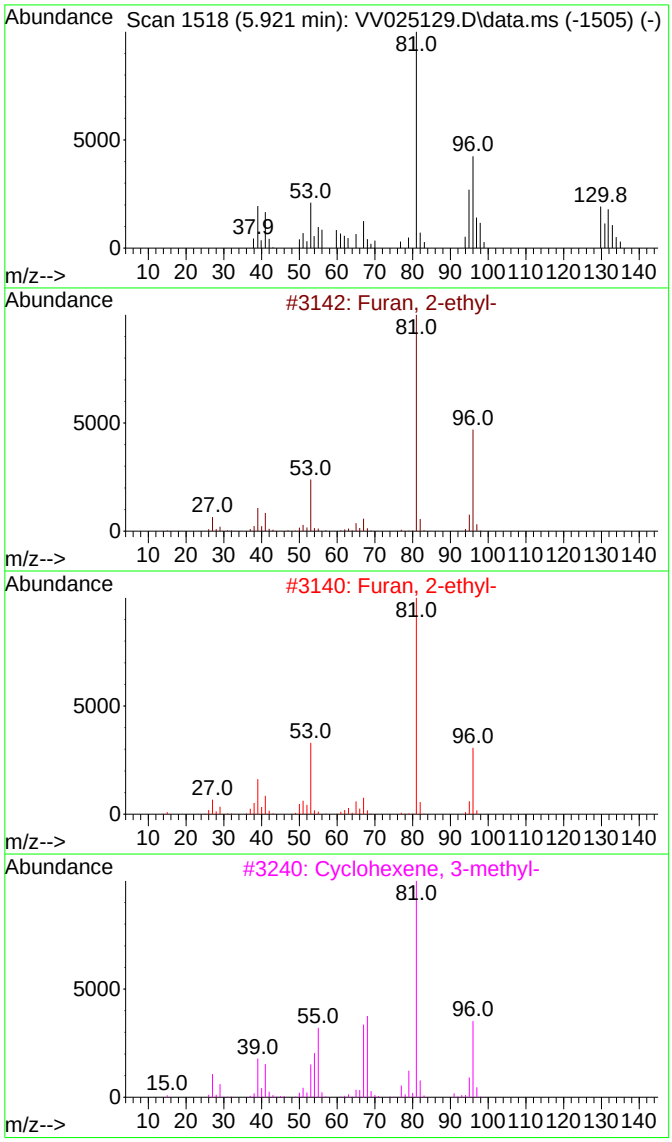
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

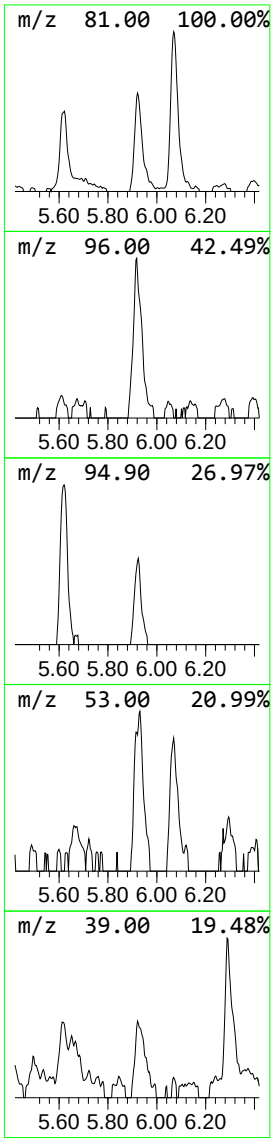
****

Peak Number 16 Furan, 2-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.921	0.71 ug/L	51125	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2-ethyl-	96	C6H8O	003208-16-0	52
2	Furan, 2-ethyl-	96	C6H8O	003208-16-0	52
3	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	50
4	1,3-Pentadiene, 2,3-dimethyl-	96	C7H12	001113-56-0	50
5	Furan, 2-ethyl-	96	C6H8O	003208-16-0	50





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Operator : SY/MD
Sample : N2044-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY33

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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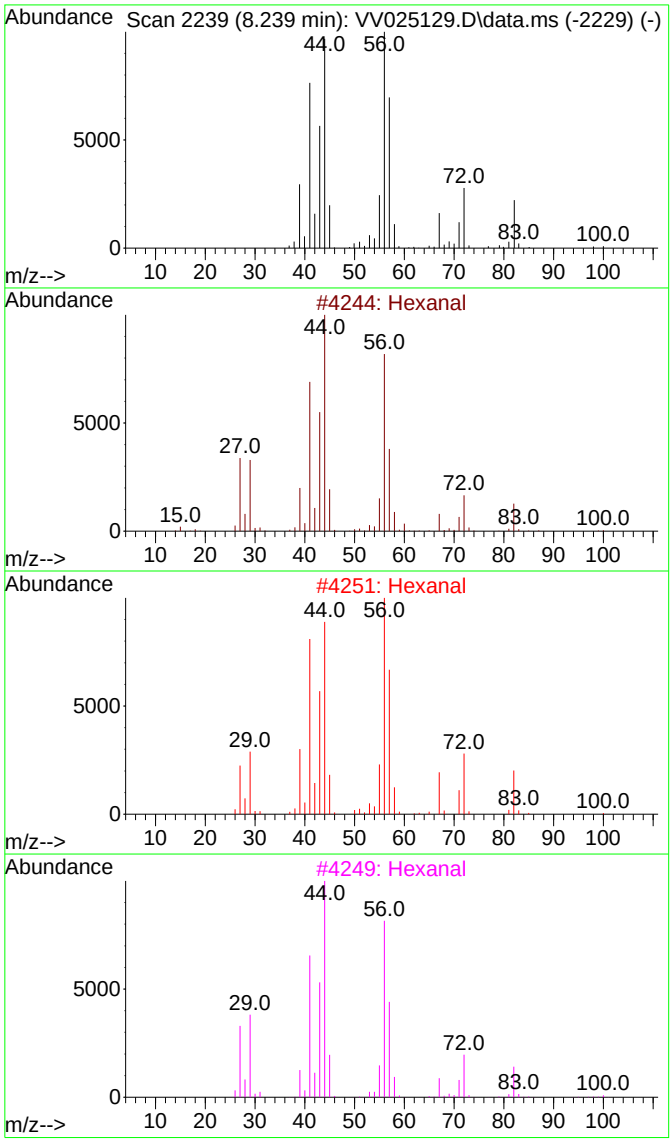
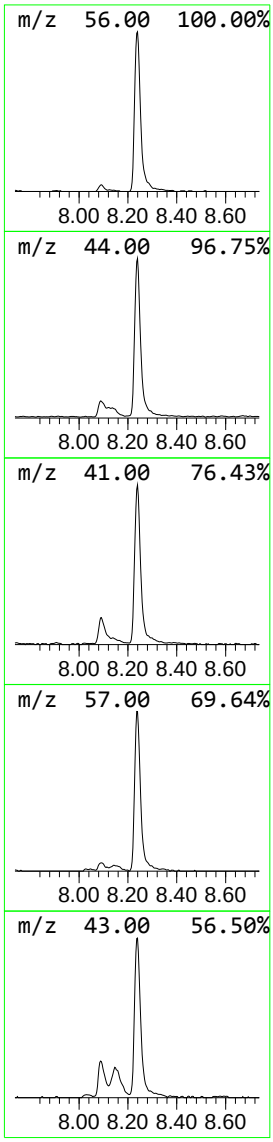
Peak Number 18 Hexanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.239	3.82 ug/L	304482	Chlorobenzene-d5	8.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	94
2	Hexanal	100	C6H12O	000066-25-1	94
3	Hexanal	100	C6H12O	000066-25-1	91
4	Hexanal	100	C6H12O	000066-25-1	90
5	Hexanal	100	C6H12O	000066-25-1	87





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Operator : SY/MD
Sample : N2044-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY33

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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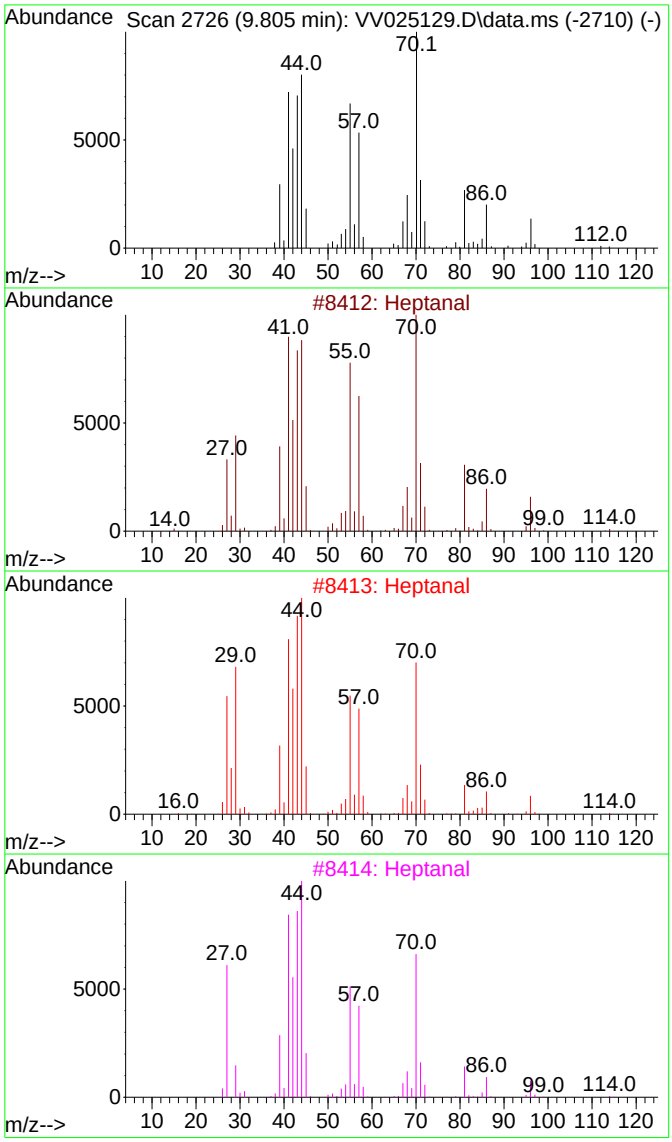
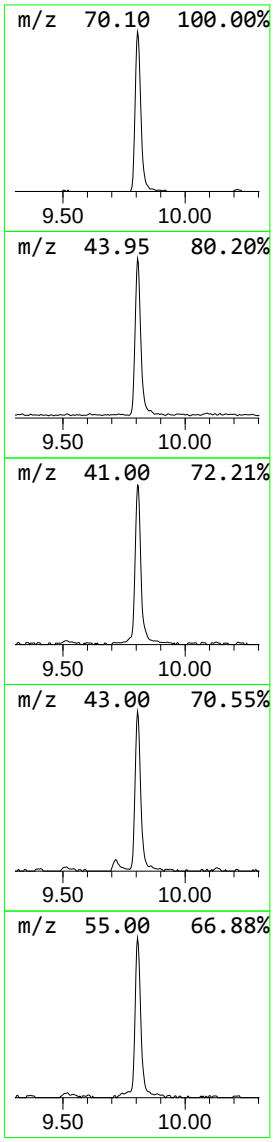
Peak Number 19 Heptanal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.805	2.57 ug/L	204903	Chlorobenzene-d5	8.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal	114	C7H14O	000111-71-7	96
2	Heptanal	114	C7H14O	000111-71-7	96
3	Heptanal	114	C7H14O	000111-71-7	95
4	Heptanal	114	C7H14O	000111-71-7	78
5	Heptanal	114	C7H14O	000111-71-7	70





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Acq On : 23 Mar 2022 13:59
Operator : SY/MD
Sample : N2044-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY33

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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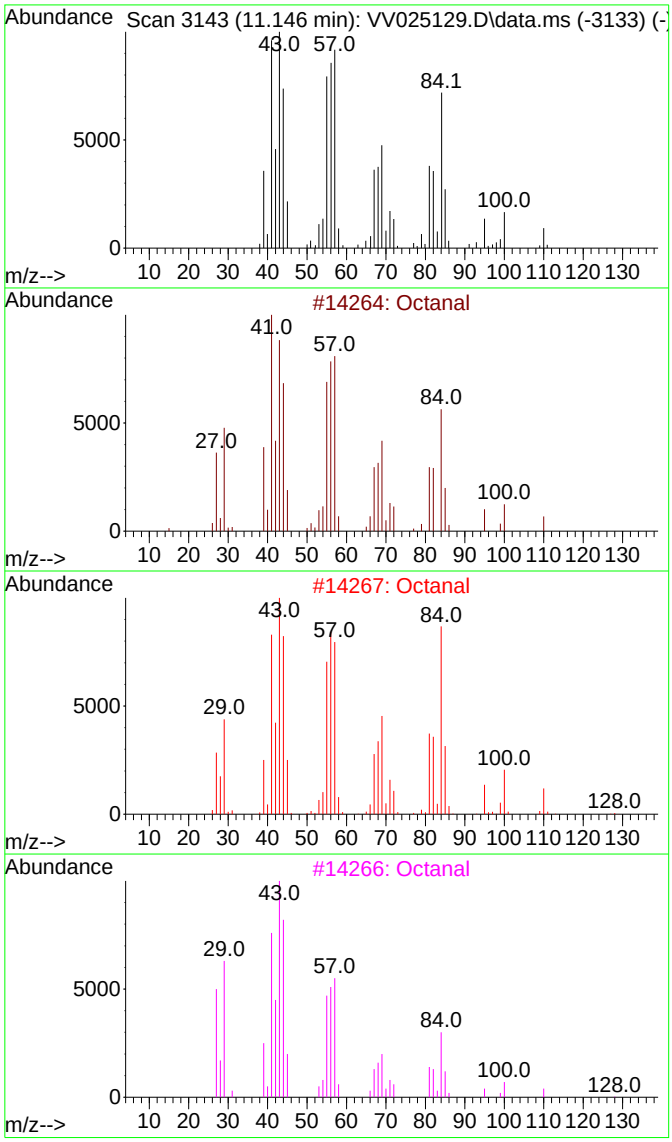
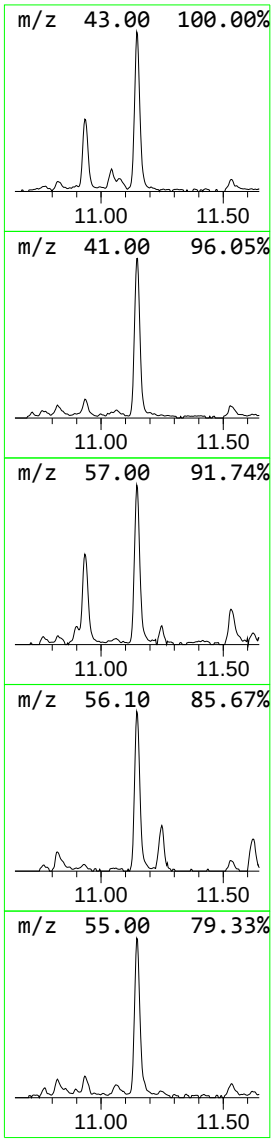
Peak Number 20 Octanal Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.146	2.28 ug/L	183696	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	91
2	Octanal	128	C8H16O	000124-13-0	91
3	Octanal	128	C8H16O	000124-13-0	90
4	Octanal	128	C8H16O	000124-13-0	83
5	Octanal	128	C8H16O	000124-13-0	78





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Data File : VV025129.D
Acq On : 23 Mar 2022 13:59
Operator : SY/MD
Sample : N2044-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY33

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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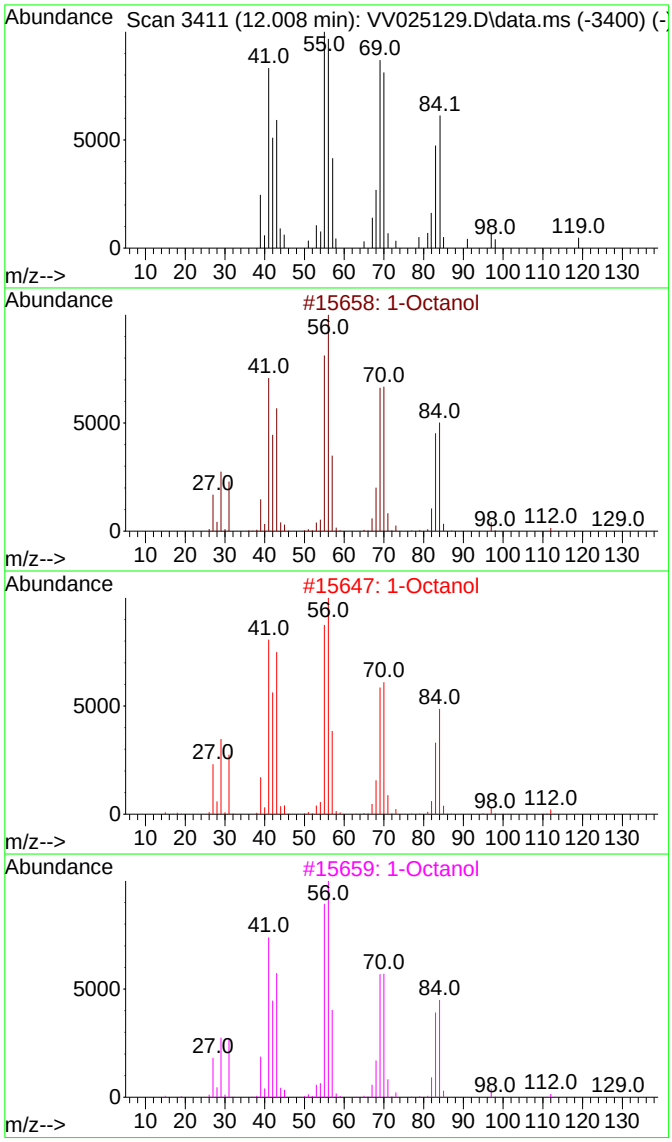
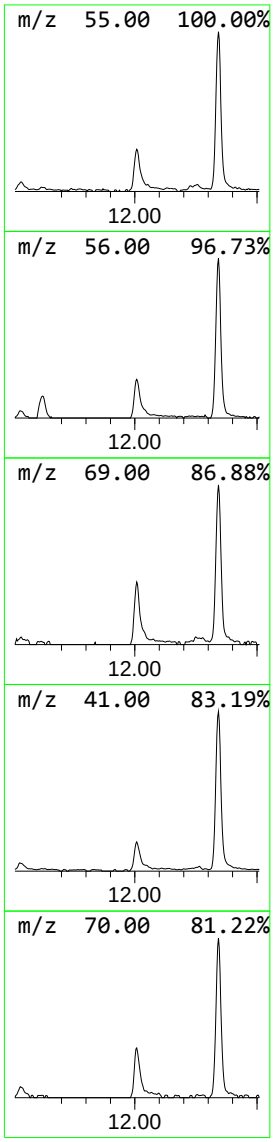
Peak Number 21 1-Octanol Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.008	0.71 ug/L	56864	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol	130	C8H18O	000111-87-5	90
2	1-Octanol	130	C8H18O	000111-87-5	83
3	1-Octanol	130	C8H18O	000111-87-5	64
4	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	50
5	1-Heptanol	116	C7H16O	000111-70-6	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032322\
Data File : VV025129.D
Acq On : 23 Mar 2022 13:59
Operator : SY/MD
Sample : N2044-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY33

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

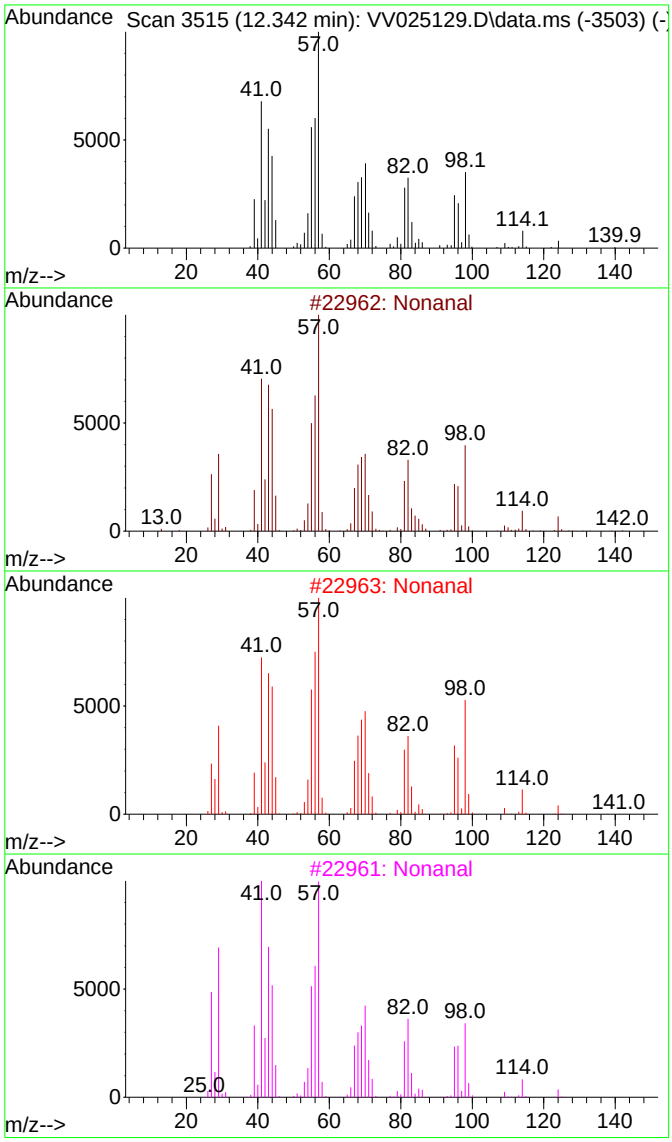
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

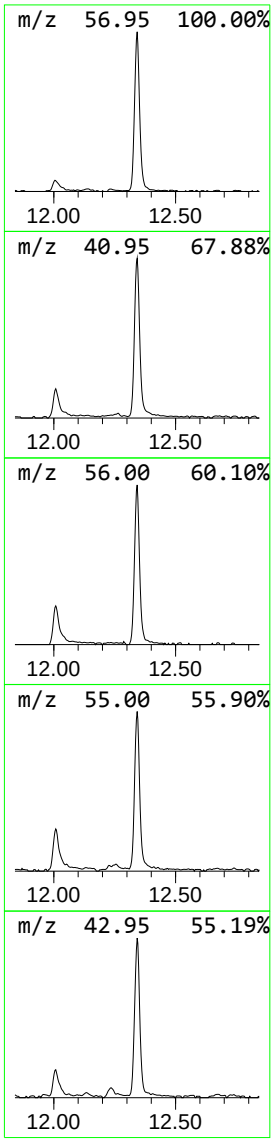
****

Peak Number 22 Nonanal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.342	3.45 ug/L	277807	1,4-Dichlorobenzene-d4	11.246

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	Nonanal	142	C9H18O	000124-19-6	83
5	Heptane, 2-chloro-	134	C7H15Cl	001001-89-4	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032322\
Data File : VV025129.D
Acq On : 23 Mar 2022 13:59
Operator : SY/MD
Sample : N2044-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY33

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

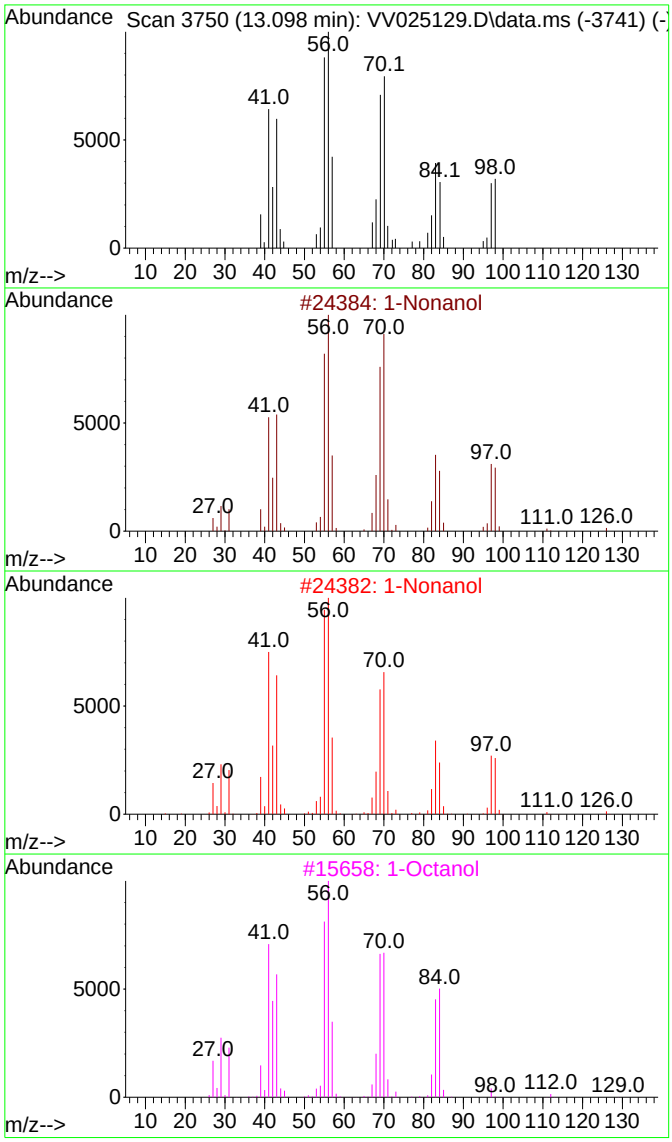
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

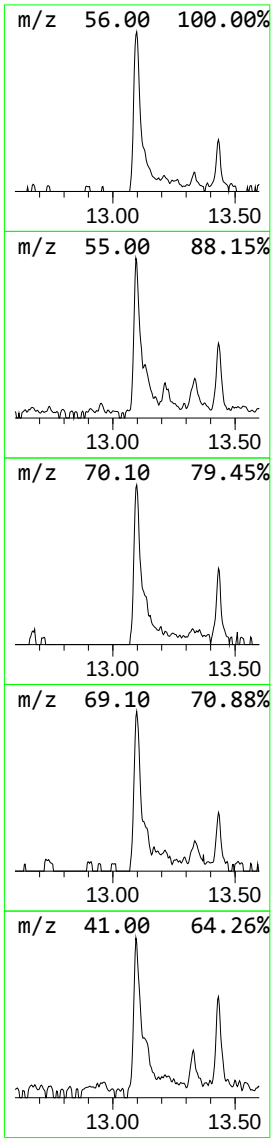
****

Peak Number 23 1-Nonanol Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.098	0.63 ug/L	50487	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonanol	144	C9H20O	000143-08-8	91
2	1-Nonanol	144	C9H20O	000143-08-8	91
3	1-Octanol	130	C8H18O	000111-87-5	80
4	1-Nonanol	144	C9H20O	000143-08-8	78
5	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032322\
Data File : VV025129.D
Acq On : 23 Mar 2022 13:59
Operator : SY/MD
Sample : N2044-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY33

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.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
(DEL) Alkane: S...	1.111	67.8	ug/L	4871380	1	5.619	359197	5.0
(DEL) Alkane: S...	1.217	3.9	ug/L	280826	1	5.619	359197	5.0
(DEL) Alkane: S...	1.416	5.4	ug/L	385814	1	5.619	359197	5.0
(DEL) Alkane: S...	1.635	3.6	ug/L	258097	1	5.619	359197	5.0
(DEL) Alkane: C...	1.767	6.9	ug/L	494996	1	5.619	359197	5.0
(DEL) Alkane: S...	1.815	10.6	ug/L	760636	1	5.619	359197	5.0
(DEL) Alkane: C...	1.902	1.1	ug/L	77603	1	5.619	359197	5.0
(DEL) Alkane: C...	1.982	3.9	ug/L	280665	1	5.619	359197	5.0
(DEL) Alkane: C...	2.027	1.0	ug/L	71804	1	5.619	359197	5.0
1,3-Cyclopentad...	2.349	1.2	ug/L	84515	1	5.619	359197	5.0
(DEL) Alkane: S...	2.449	1.3	ug/L	93516	1	5.619	359197	5.0
(DEL) Alkane: S...	2.577	0.7	ug/L	51061	1	5.619	359197	5.0
(DEL) Alkane: S...	2.947	3.3	ug/L	234972	1	5.619	359197	5.0
2-Ethyl-oxetane	3.043	1.2	ug/L	85328	1	5.619	359197	5.0
(DEL) Alkane: S...	3.455	1.3	ug/L	93536	1	5.619	359197	5.0
Furan, 2-ethyl-	5.921	0.7	ug/L	51125	1	5.619	359197	5.0
Hexanal	8.239	3.8	ug/L	304482	2	8.850	398673	5.0
Heptanal	9.805	2.6	ug/L	204903	2	8.850	398673	5.0
Octanal	11.146	2.3	ug/L	183696	3	11.246	402938	5.0
1-Octanol	12.008	0.7	ug/L	56864	3	11.246	402938	5.0
Nonanal	12.342	3.5	ug/L	277807	3	11.246	402938	5.0
1-Nonanol	13.098	0.6	ug/L	50487	3	11.246	402938	5.0