LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
Data File : VU046705.D
Acq On : 08 Jan 2022 14:49
Operator : SY/MD
Sample : N1077-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXT9

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_U\Method\SFAMUTR122121WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU046705.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.366	3	8	26	rVB	660760	691750	76.87%	8.728%
2	1.453	29	35	43	rBV3	14130	20651	2.29%	0.261%
3	1.498	43	49	56	rVV	43156	39760	4.42%	0.502%
4	1.597	71	80	91	rBV2	248325	420373	46.72%	5.304%
5	1.671	99	103	114	rVB2	9999	11549	1.28%	0.146%
6	1.748	119	127	138	rBV	34788	44383	4.93%	0.560%
7	1.935	175	185	199	rBV2	36001	59965	6.66%	0.757%
8	2.018	203	211	226	rVB	23279	31567	3.51%	0.398%
9	2.179	251	261	269	rBV	56383	77327	8.59%	0.976%
10	2.227	269	276	298	rVB3	38876	80944	9.00%	1.021%
11	2.433	329	340	350	rBV3	19895	34482	3.83%	0.435%
12	2.584	377	387	399	rBV	61298	102823	11.43%	1.297%
13	2.870	467	476	490	rVB3	10329	19639	2.18%	0.248%
14	2.989	499	513	523	rBV10	4688	12586	1.40%	0.159%
15	3.594	688	701	715	rVB4	10413	22483	2.50%	0.284%
16	4.796	1044	1075	1112	rBV	20434	119597	13.29%	1.509%
17	5.118	1159	1175	1200	rVB	57685	135331	15.04%	1.708%
18	5.764	1356	1376	1403	rBV2	124342	303601	33.74%	3.831%
19	6.282	1524	1537	1561	rBV	101850	191568	21.29%	2.417%
20	6.722	1661	1674	1692	rBV	72855	137664	15.30%	1.737%
21	6.919	1723	1735	1757	rBV2	29280	68109	7.57%	0.859%
22	7.587	1931	1943	1956	rBV	37668	63932	7.10%	0.807%
23	7.915	2030	2045	2058	rBV	137397	229943	25.55%	2.901%
24	7.983	2058	2066	2078	rVB	12270	21098	2.34%	0.266%
25	8.195	2120	2132	2145	rBV2	23278	39721	4.41%	0.501%
26	8.658	2261	2276	2306	rBV	197047	419742	46.65%	5.296%
27	8.803	2308	2321	2362	rVB	463143	899860	100.00%	11.354%
28	9.426	2503	2515	2538	rBV	154396	259015	28.78%	3.268%
29	10.349	2788	2802	2819	rBV	214750	355627	39.52%	4.487%
30	10.761	2919	2930	2947	rVB	70756	116125	12.90%	1.465%
31	10.896	2961	2972	2983	rVB3	5409	9155	1.02%	0.116%
32	11.301	3090	3098	3106	rVV5	13644	21472	2.39%	0.271%
33	11.475	3144	3152	3163	rVB4	12719	20708	2.30%	0.261%
34	11.690	3204	3219	3233	rBV	314109	471108	52.35%	5.944%
35	11.815	3246	3258	3272	rVB	199577	319774	35.54%	4.035%
36	12.063	3323	3335	3358	rBV	79182	161813	17.98%	2.042%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
Data File : VU046705.D
Acq On : 08 Jan 2022 14:49
Operator : SY/MD
Sample : N1077-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXT9

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_U\Method\SFAMUTR122121WMA.M
Title : TRACE VOA SFAM1.0

37	12.195	3365	3376	3389	rVB	159744	257968	28.67%	3.255%
38	12.542	3472	3484	3506	rBV3	56363	112550	12.51%	1.420%
39	12.774	3545	3556	3560	rBV3	6850	10727	1.19%	0.135%
40	12.886	3577	3591	3618	rBV	531568	767411	85.28%	9.683%
41	13.635	3814	3824	3831	rBV5	10157	17252	1.92%	0.218%
42	13.684	3831	3839	3851	rVB3	27810	43568	4.84%	0.550%
43	13.880	3891	3900	3916	rVB8	7872	15699	1.74%	0.198%
44	13.983	3918	3932	3943	rVV3	21027	31245	3.47%	0.394%
45	14.651	4131	4140	4151	rBV4	6735	10945	1.22%	0.138%
46	14.732	4153	4165	4179	rBV2	231639	345903	38.44%	4.365%
47	15.365	4351	4362	4378	rBV	38157	60712	6.75%	0.766%
48	15.606	4424	4437	4449	rBV7	5221	9873	1.10%	0.125%
49	15.706	4457	4468	4484	rVB2	43126	66550	7.40%	0.840%
50	16.770	4791	4799	4807	rBV5	7679	10031	1.11%	0.127%
51	16.876	4820	4832	4846	rBV5	71633	129631	14.41%	1.636%

Sum of corrected areas: 7925310

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
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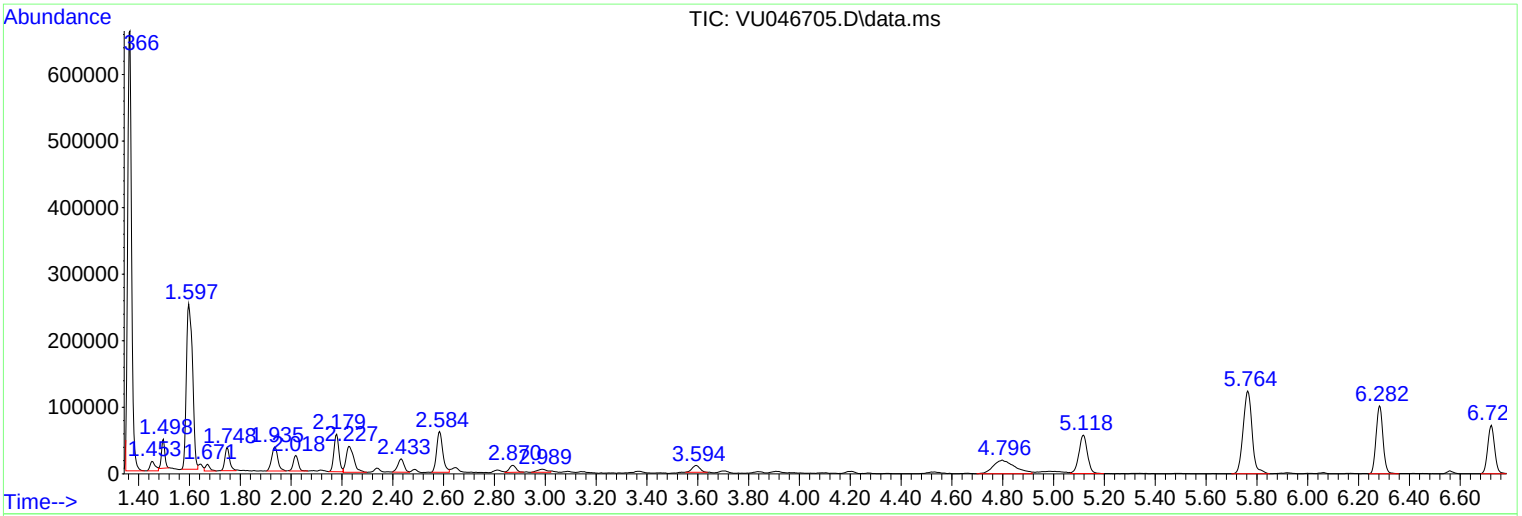
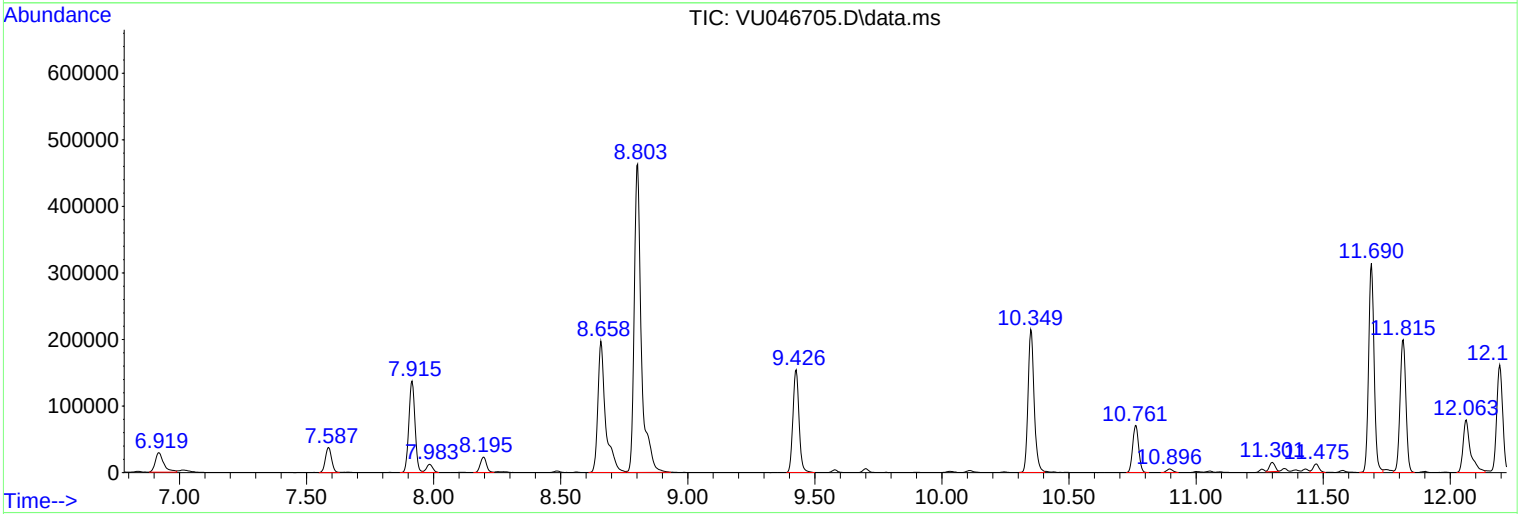
Operator : SY/MD
Sample : N1077-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

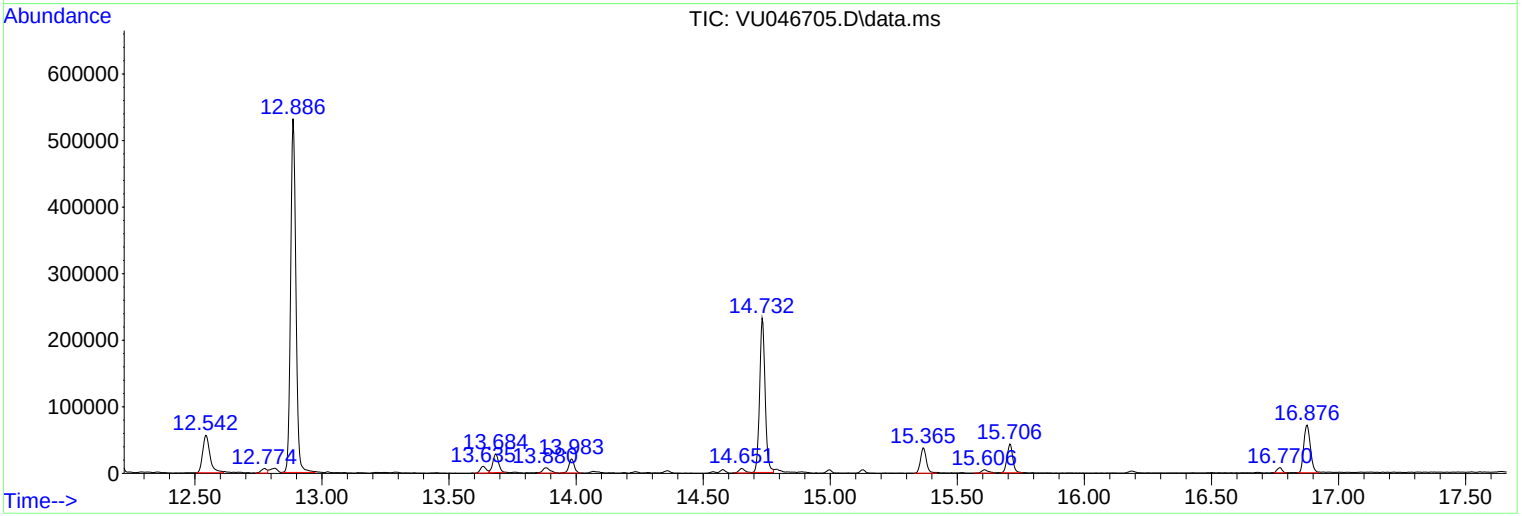
Instrument :
MSVOA_U
ClientSampleId :
BFXT9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
Data File : VU046705.D
Acq On : 08 Jan 2022 14:49
Operator : SY/MD
Sample : N1077-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXT9

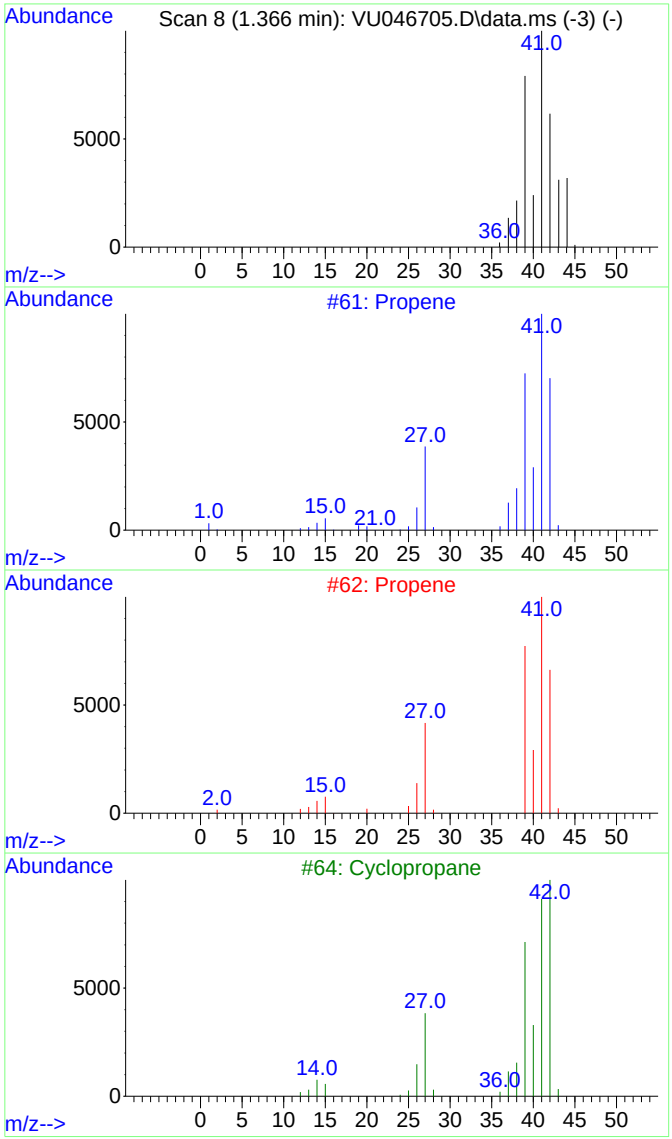
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

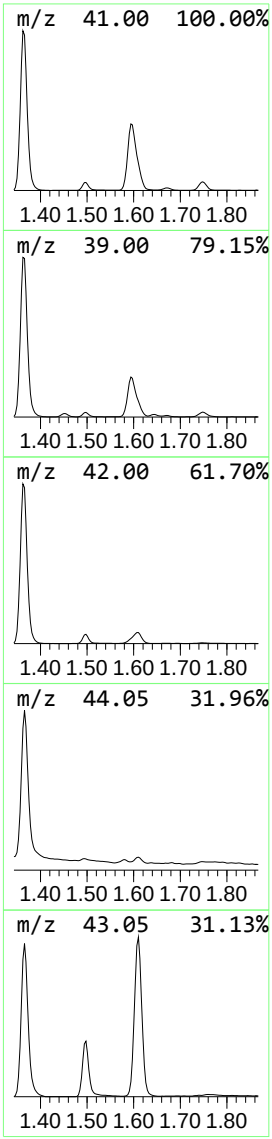
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.366	18.05 ug/L	691750	1,4-Difluorobenzene	6.282

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	Cyclopropene	40	C3H4	002781-85-3	9
5	Cyclopropane	42	C3H6	000075-19-4	7





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
Data File : VU046705.D
Acq On : 08 Jan 2022 14:49
Operator : SY/MD
Sample : N1077-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXT9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

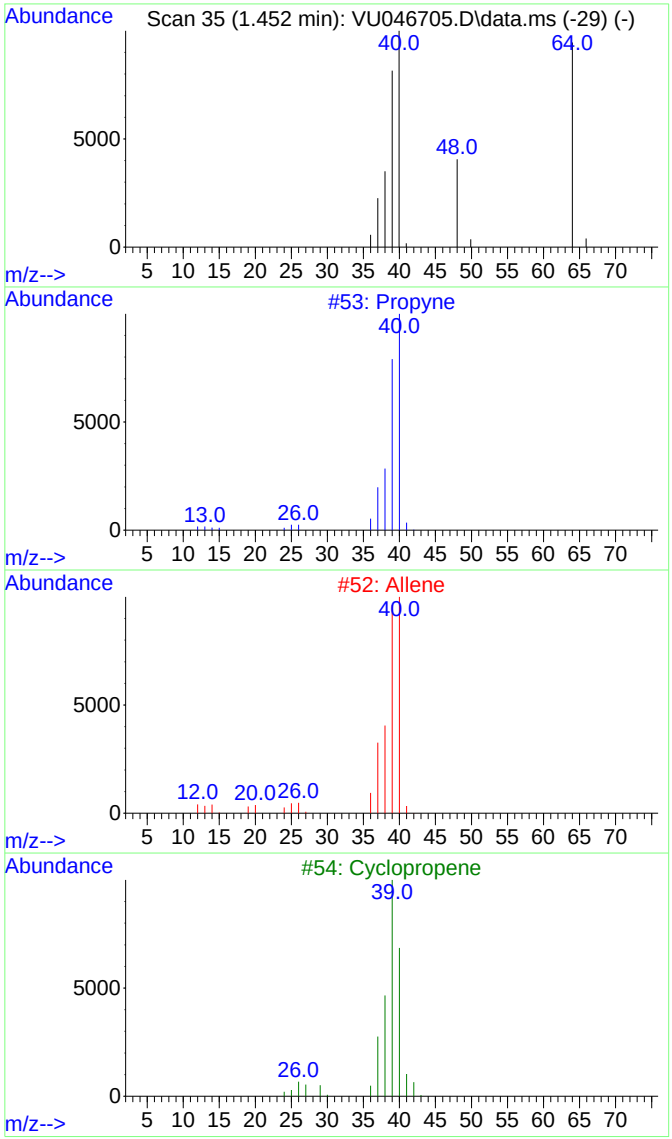
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****

Peak Number 2 unknown-01 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.452	0.54 ug/L	20651	1,4-Difluorobenzene	6.282

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propyne	40	C3H4	000074-99-7	46
2	Allene	40	C3H4	000463-49-0	43
3	Cyclopropene	40	C3H4	002781-85-3	23
4	Sulfur dioxide	64	O2S	007446-09-5	16
5	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
Data File : VU046705.D
Acq On : 08 Jan 2022 14:49
Operator : SY/MD
Sample : N1077-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXT9

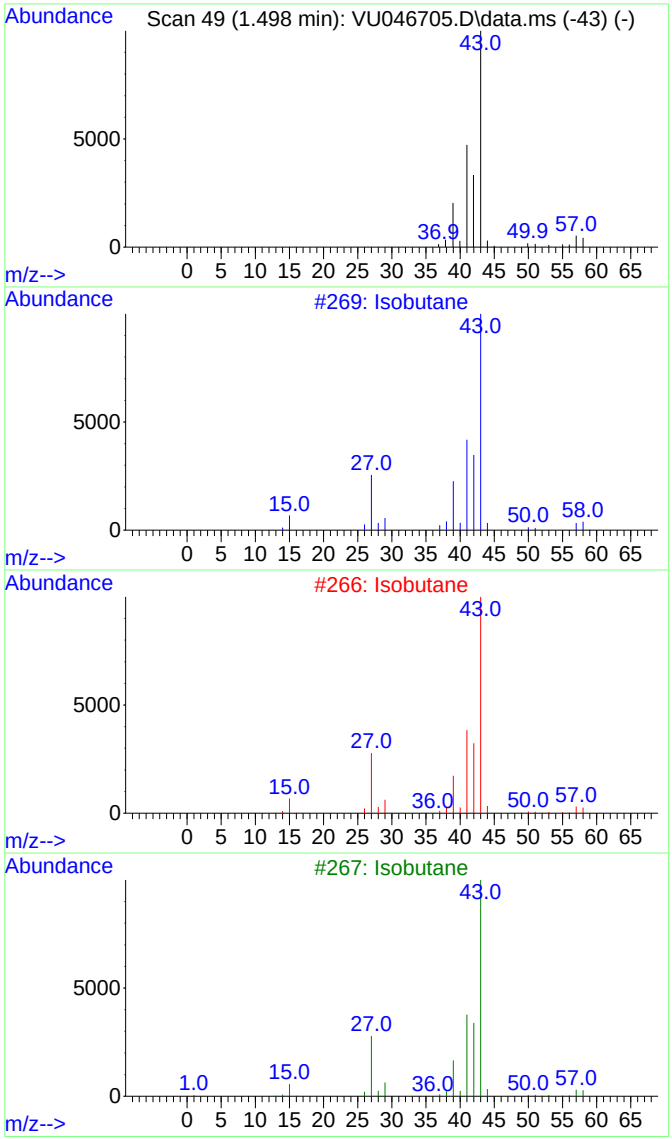
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

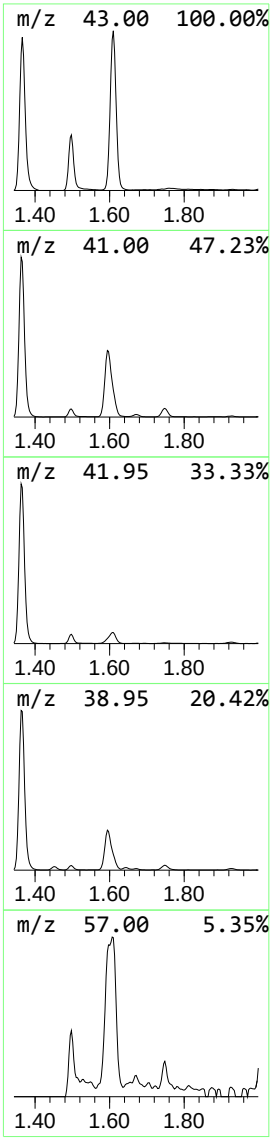
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.498	1.04 ug/L	39760	1,4-Difluorobenzene	6.282

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	64
2	Isobutane	58	C4H10	000075-28-5	64
3	Isobutane	58	C4H10	000075-28-5	64
4	Isobutane	58	C4H10	000075-28-5	64
5	Isobutane	58	C4H10	000075-28-5	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
Data File : VU046705.D
Acq On : 08 Jan 2022 14:49
Operator : SY/MD
Sample : N1077-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXT9

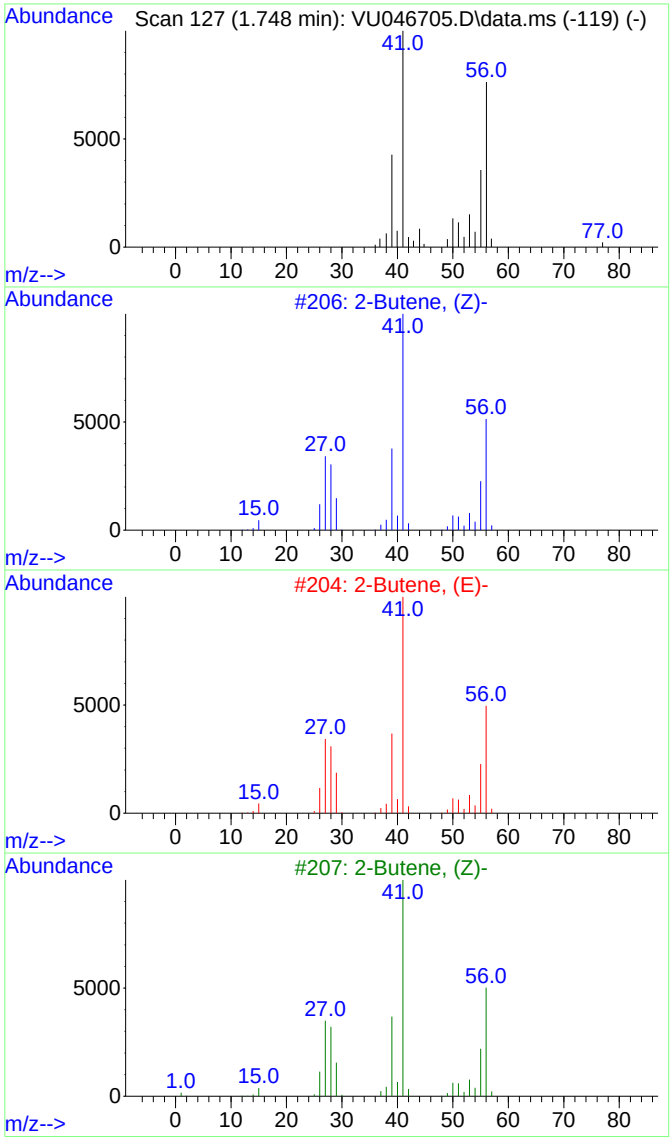
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

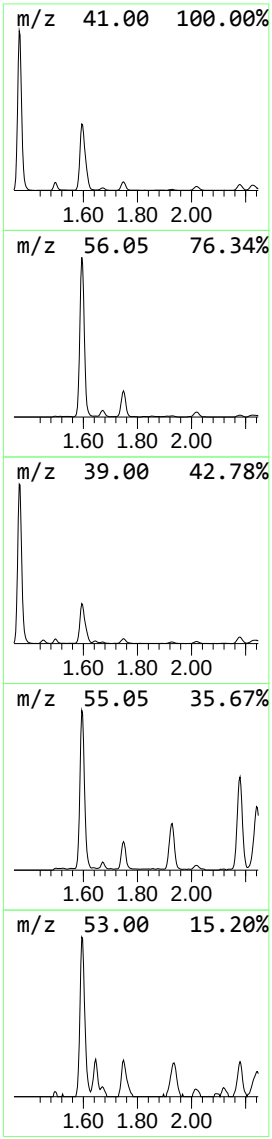
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.748	1.16 ug/L	44383	1,4-Difluorobenzene	6.282

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, (Z)-	56	C4H8	000590-18-1	87
2	2-Butene, (E)-	56	C4H8	000624-64-6	83
3	2-Butene, (Z)-	56	C4H8	000590-18-1	83
4	1-Butene	56	C4H8	000106-98-9	80
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
Data File : VU046705.D
Acq On : 08 Jan 2022 14:49
Operator : SY/MD
Sample : N1077-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXT9

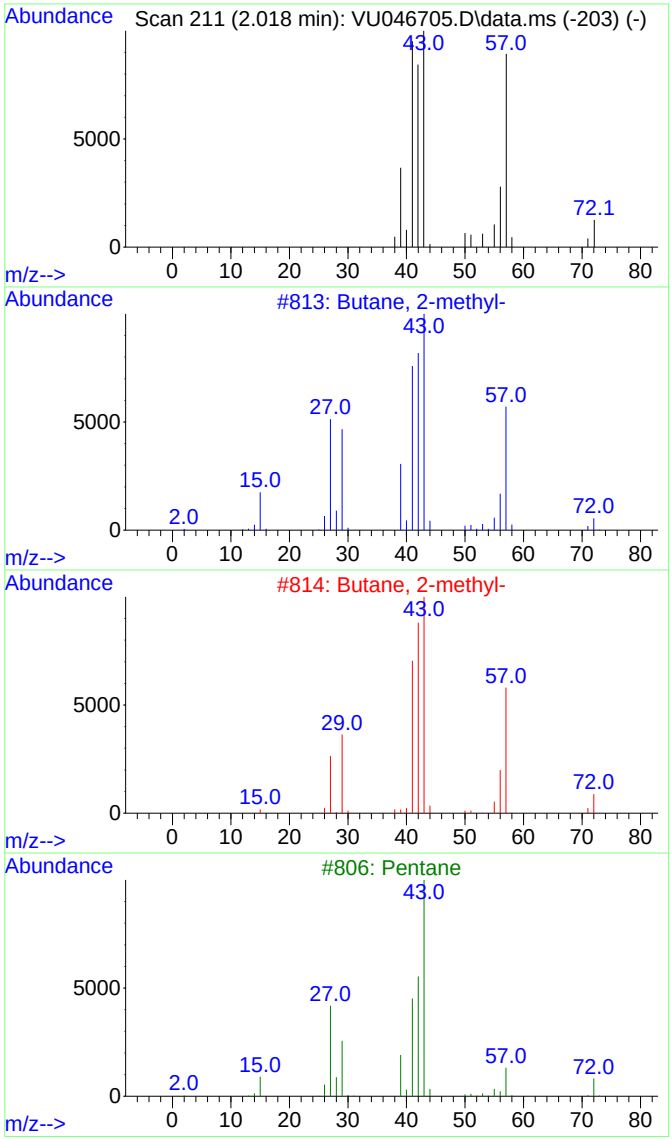
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

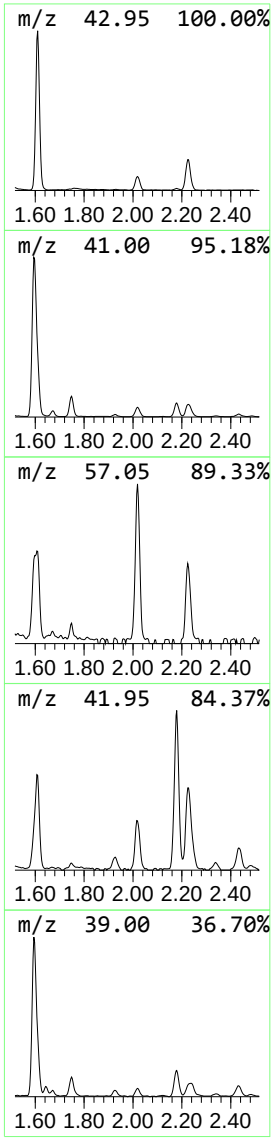
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.018	0.82 ug/L	31567	1,4-Difluorobenzene	6.282

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	83
2	Butane, 2-methyl-	72	C5H12	000078-78-4	80
3	Pentane	72	C5H12	000109-66-0	33
4	1,3-Dimethyldiaziridine	72	C3H8N2	026177-36-6	33
5	3-Buten-1-ol	72	C4H8O	000627-27-0	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
Data File : VU046705.D
Acq On : 08 Jan 2022 14:49
Operator : SY/MD
Sample : N1077-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXT9

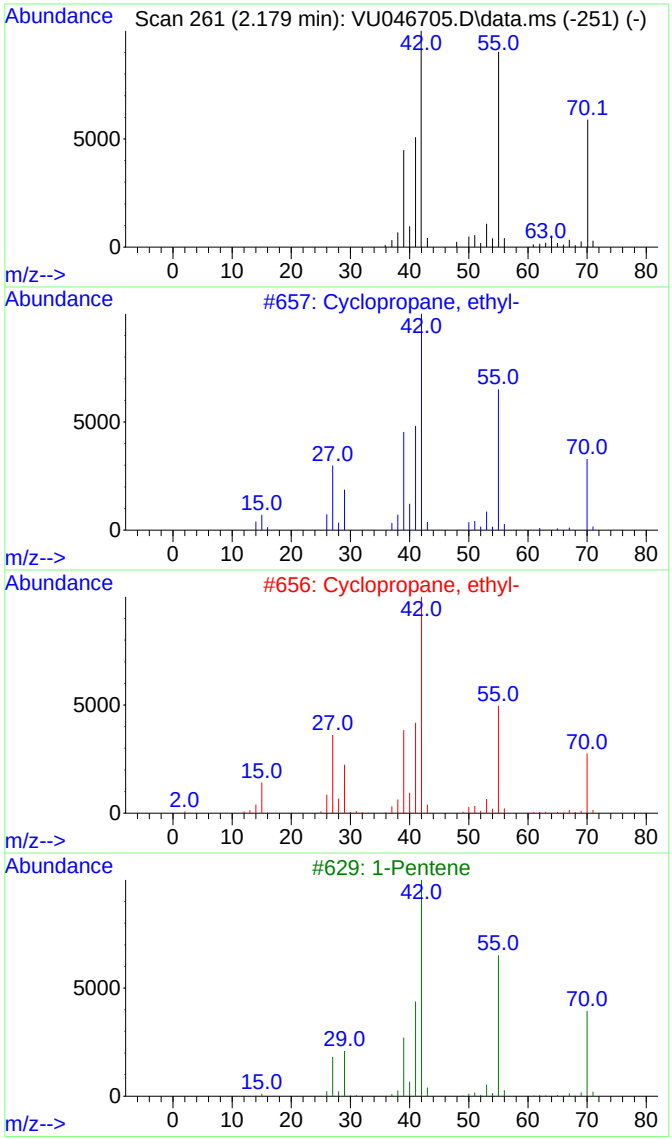
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

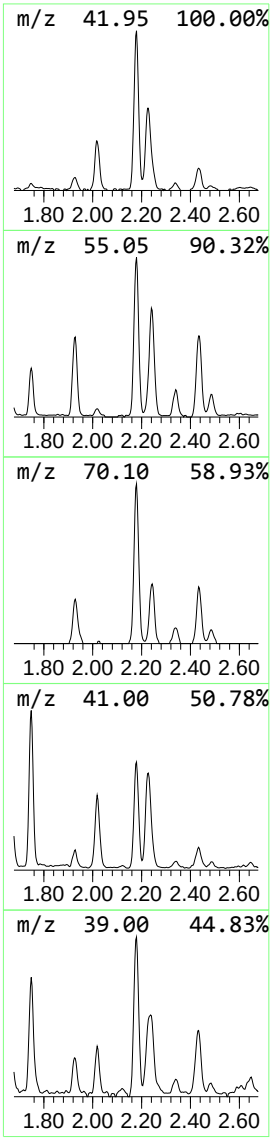
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic2.179 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.179	2.02 ug/L	77327	1,4-Difluorobenzene	6.282

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	90
2	Cyclopropane, ethyl-	70	C5H10	001191-96-4	78
3	1-Pentene	70	C5H10	000109-67-1	68
4	1-Pentene	70	C5H10	000109-67-1	64
5	1-Pentene	70	C5H10	000109-67-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
Data File : VU046705.D
Acq On : 08 Jan 2022 14:49
Operator : SY/MD
Sample : N1077-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXT9

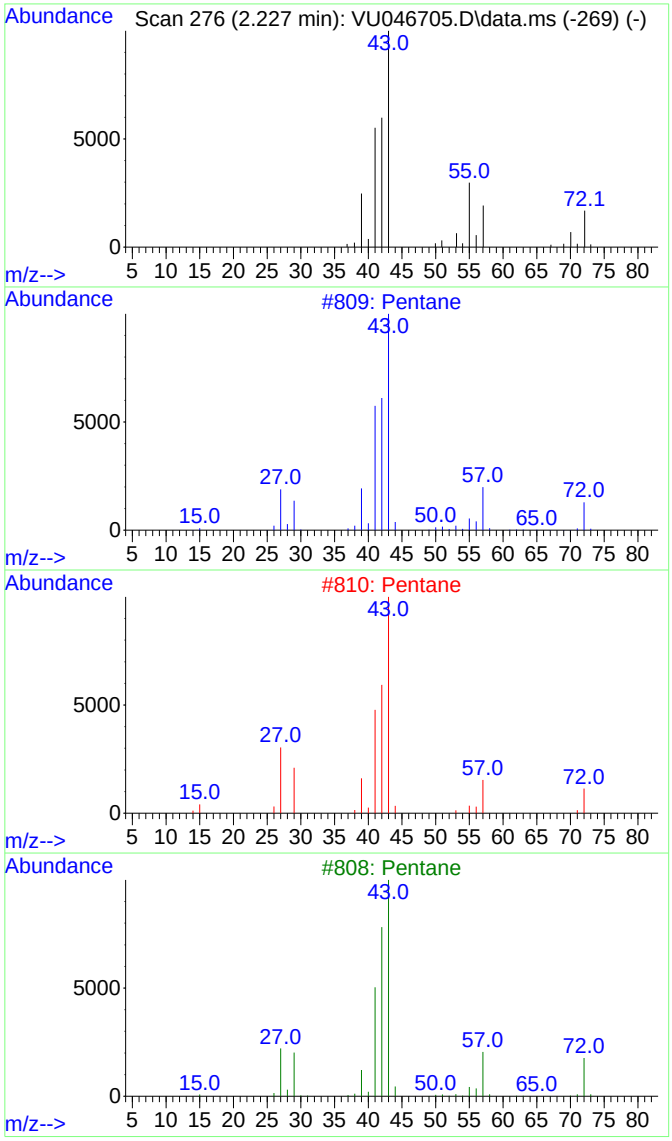
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

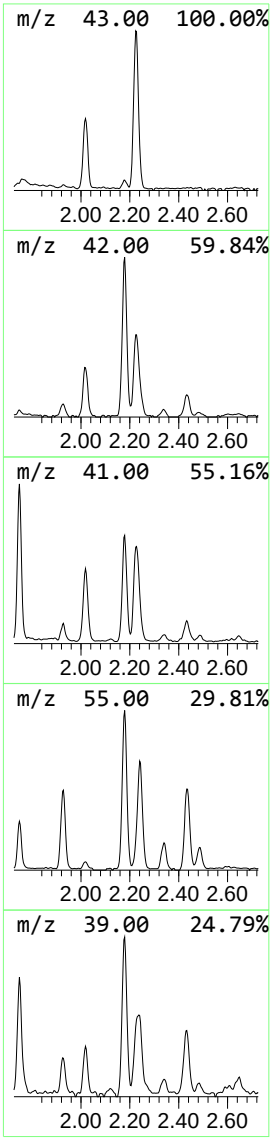
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.227	2.11 ug/L	80944	1,4-Difluorobenzene	6.282

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	86
2	Pentane	72	C5H12	000109-66-0	86
3	Pentane	72	C5H12	000109-66-0	80
4	Pentane	72	C5H12	000109-66-0	72
5	Pentane	72	C5H12	000109-66-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
Data File : VU046705.D
Acq On : 08 Jan 2022 14:49
Operator : SY/MD
Sample : N1077-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXT9

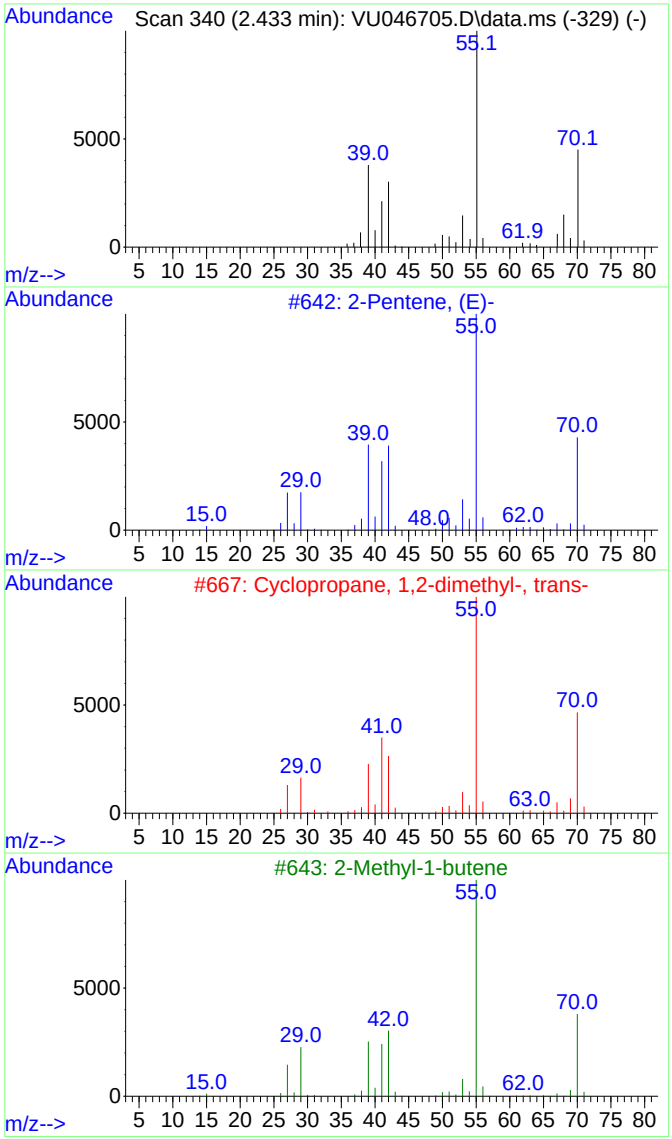
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

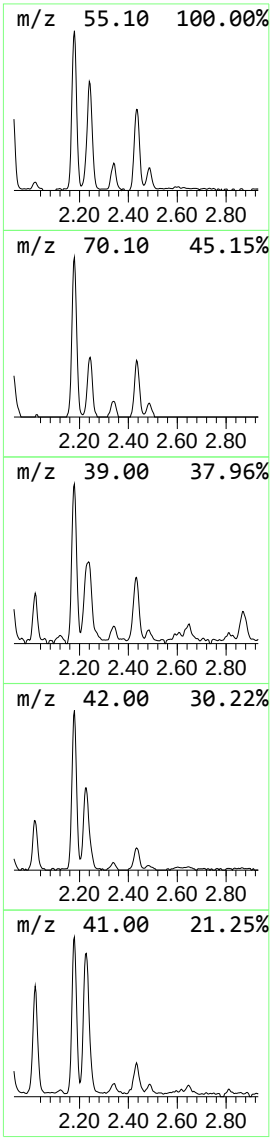
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.433	0.90 ug/L	34482	1,4-Difluorobenzene	6.282

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (E)-	70	C5H10	000646-04-8	81
2	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	80
3	2-Methyl-1-butene	70	C5H10	000563-46-2	80
4	2-Butene, 2-methyl-	70	C5H10	000513-35-9	80
5	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	72





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Data File : VU046705.D
Acq On : 08 Jan 2022 14:49
Operator : SY/MD
Sample : N1077-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXT9

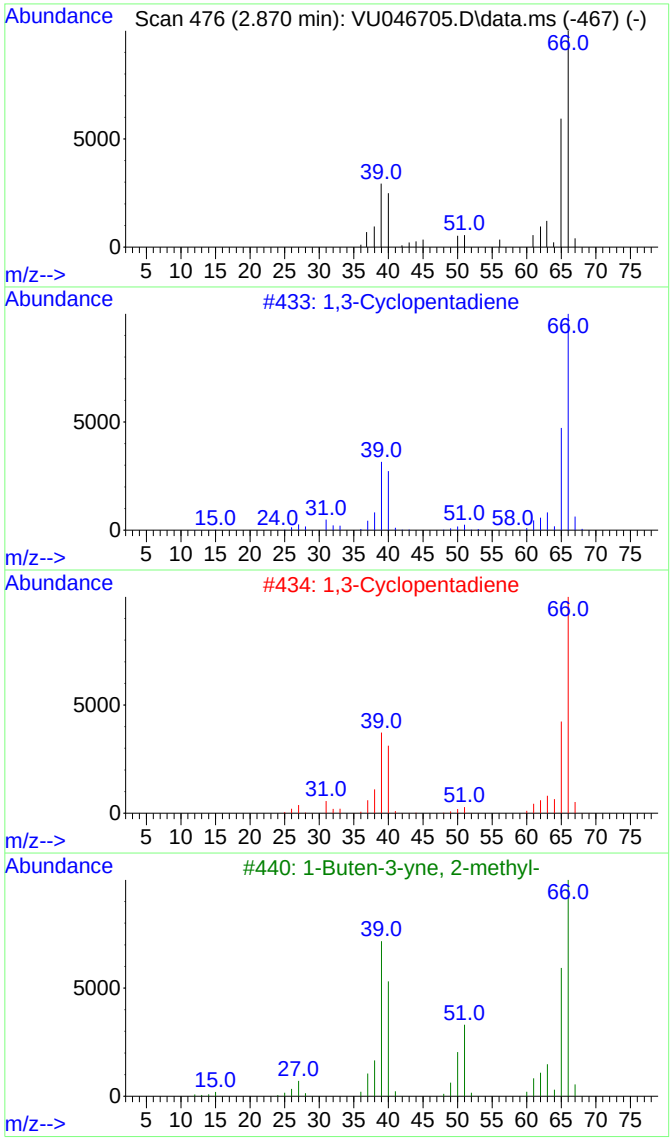
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

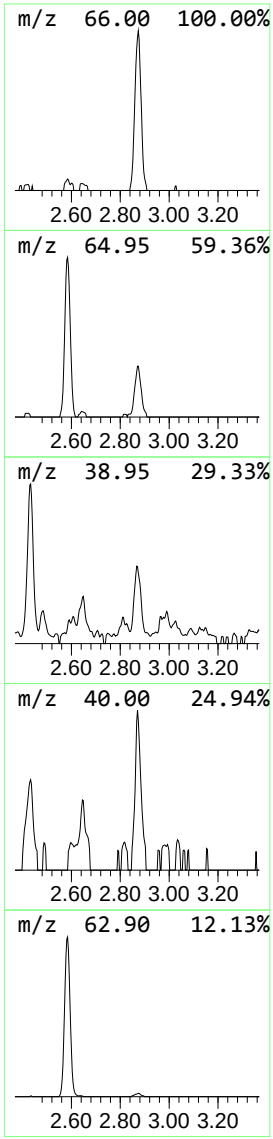
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,3-Cyclopentadiene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.870	0.51 ug/L	19639	1,4-Difluorobenzene	6.282

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene	66	C5H6	000542-92-7	91
2	1,3-Cyclopentadiene	66	C5H6	000542-92-7	90
3	1-Buten-3-yne, 2-methyl-	66	C5H6	000078-80-8	86
4	1-Buten-3-yne, 2-methyl-	66	C5H6	000078-80-8	72
5	3-Penten-1-yne, (E)-	66	C5H6	002004-69-5	72





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Data File : VU046705.D
Acq On : 08 Jan 2022 14:49
Operator : SY/MD
Sample : N1077-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXT9

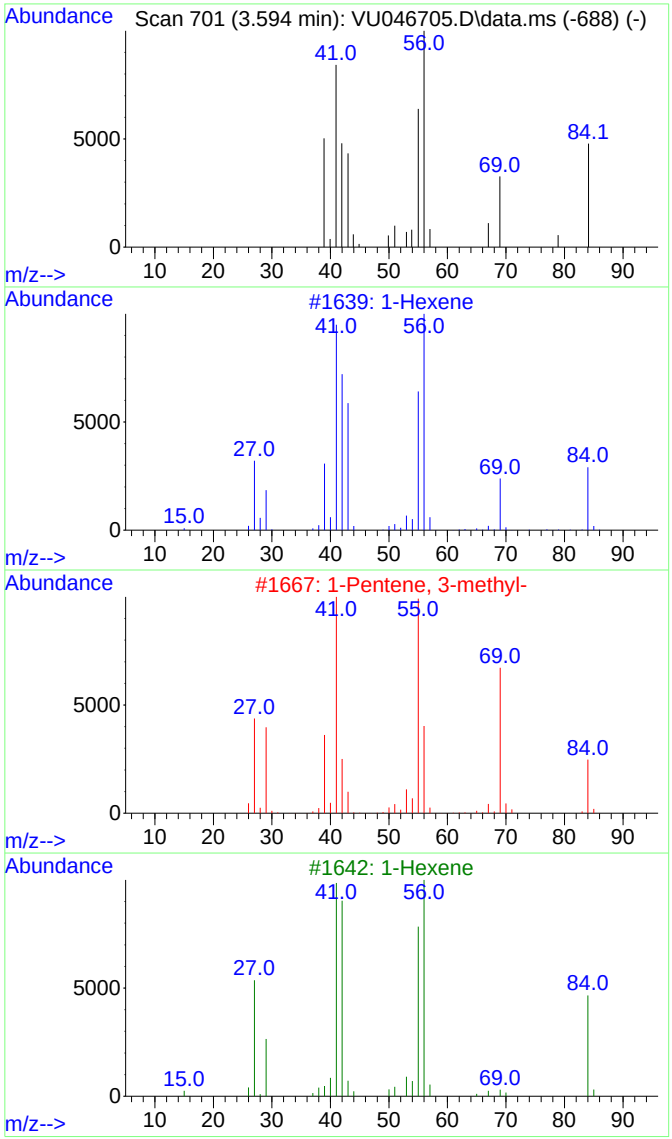
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

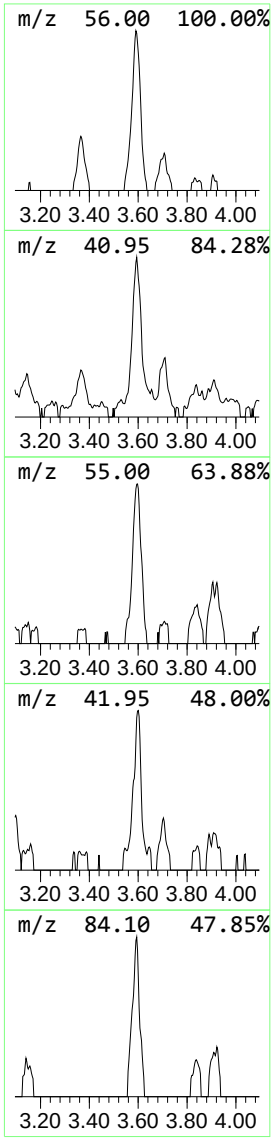
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.594	0.59 ug/L	22483	1,4-Difluorobenzene	6.282

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene	84	C6H12	000592-41-6	59
2	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	53
3	1-Hexene	84	C6H12	000592-41-6	53
4	Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	53
5	3-Hexene, (Z)-	84	C6H12	007642-09-3	52





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Data File : VU046705.D
Acq On : 08 Jan 2022 14:49
Operator : SY/MD
Sample : N1077-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXT9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

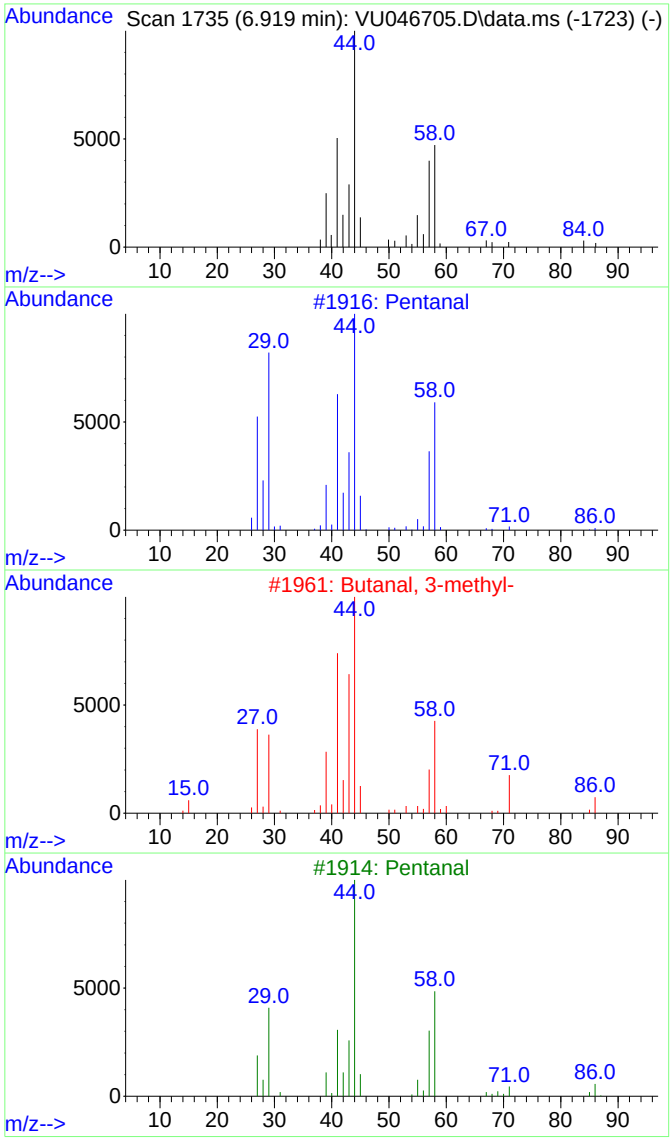
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

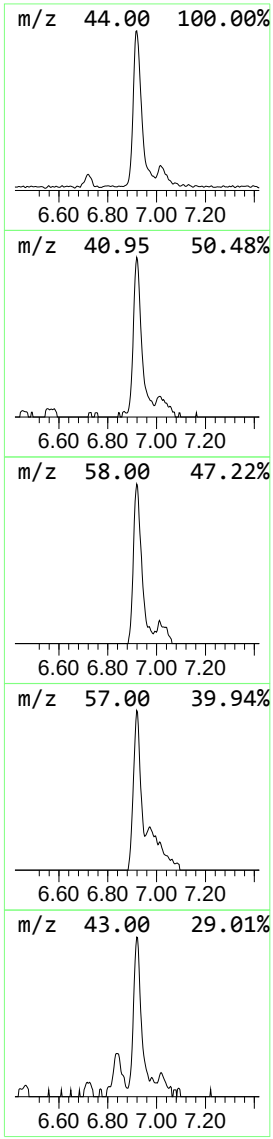
****

Peak Number 11 Pentanal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.919	1.78 ug/L	68109	1,4-Difluorobenzene	6.282

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal	86	C5H10O	000110-62-3	78
2	Butanal, 3-methyl-	86	C5H10O	000590-86-3	64
3	Pentanal	86	C5H10O	000110-62-3	64
4	Pentanal	86	C5H10O	000110-62-3	64
5	Pentanal	86	C5H10O	000110-62-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
Data File : VU046705.D
Acq On : 08 Jan 2022 14:49
Operator : SY/MD
Sample : N1077-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXT9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

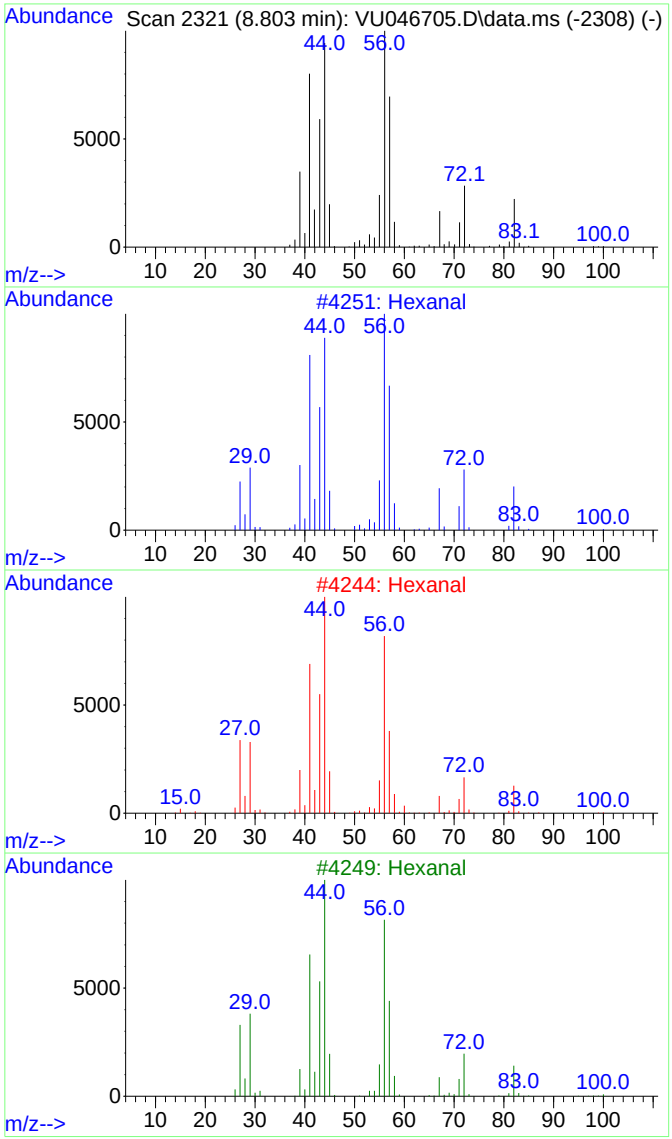
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

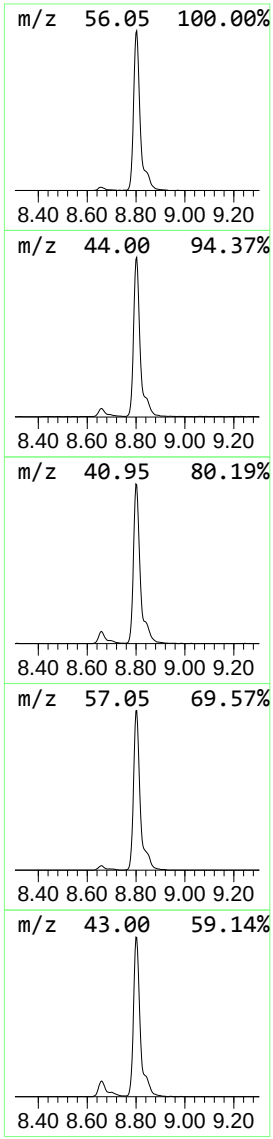
****

Peak Number 13 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.803	17.37 ug/L	899860	Chlorobenzene-d5	9.426

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	83





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Data File : VU046705.D
Acq On : 08 Jan 2022 14:49
Operator : SY/MD
Sample : N1077-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXT9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

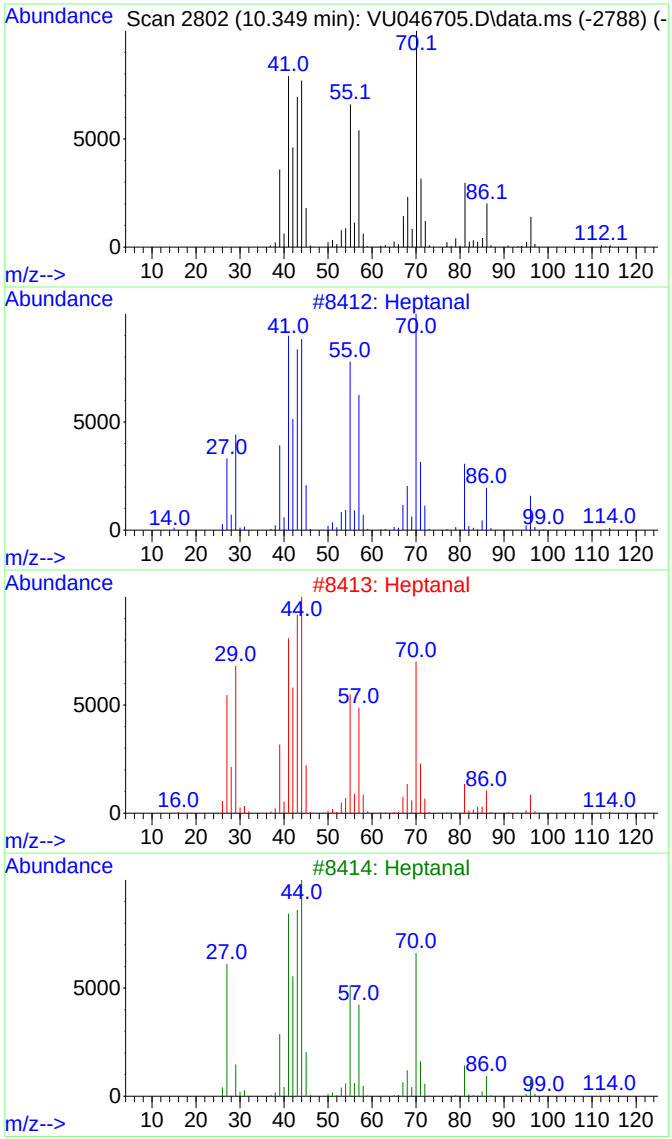
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

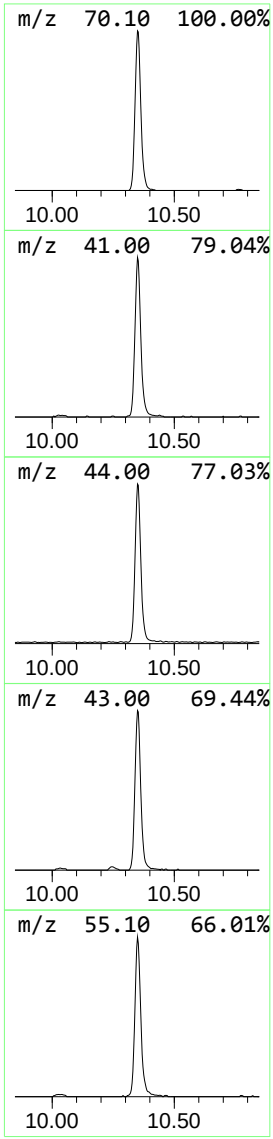
****

Peak Number 14 Heptanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.349	6.86 ug/L	355627	Chlorobenzene-d5	9.426

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	70
5	Heptanal	114	C7H14O	000111-71-7	47





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Data File : VU046705.D
Acq On : 08 Jan 2022 14:49
Operator : SY/MD
Sample : N1077-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXT9

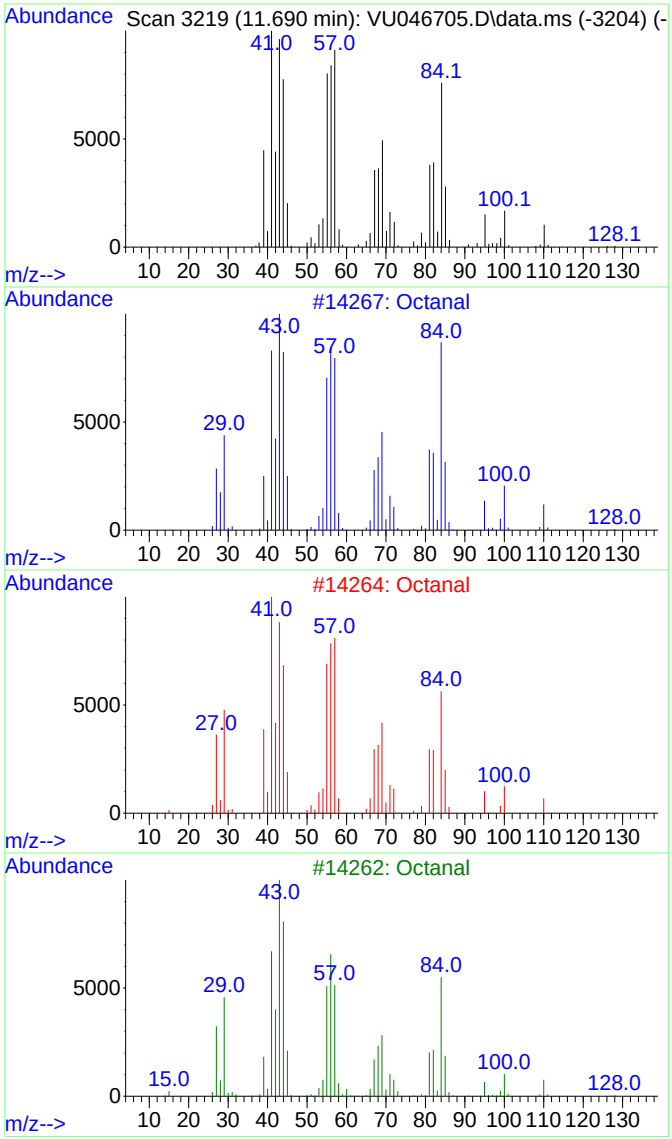
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

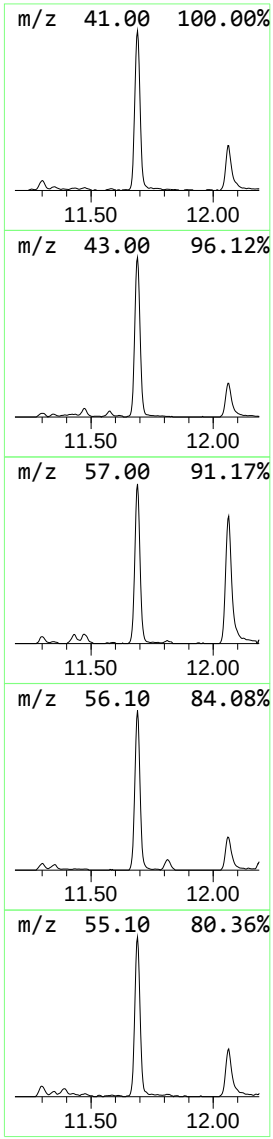
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Octanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.690	7.37 ug/L	471108	1,4-Dichlorobenzene-d4	11.815

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	98
2	Octanal	128	C8H16O	000124-13-0	91
3	Octanal	128	C8H16O	000124-13-0	90
4	Cyclopentanol, 2-methyl-, cis-	100	C6H12O	025144-05-2	46
5	Cyclopentanol, 2-methyl-, trans-	100	C6H12O	025144-04-1	41





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Data File : VU046705.D
Acq On : 08 Jan 2022 14:49
Operator : SY/MD
Sample : N1077-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXT9

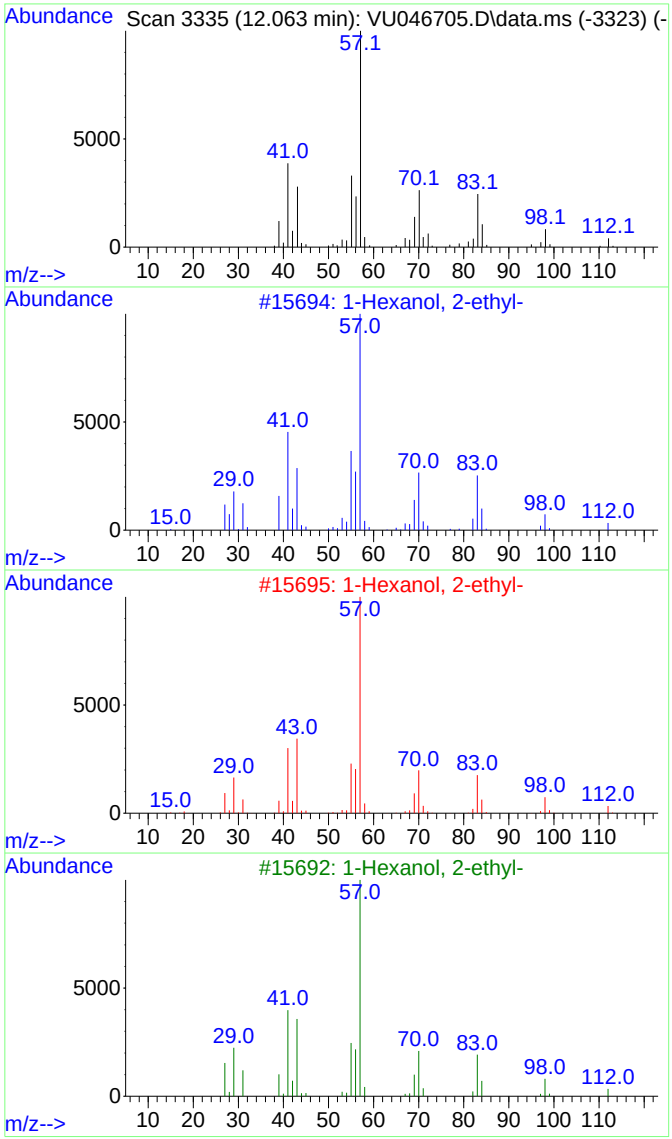
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

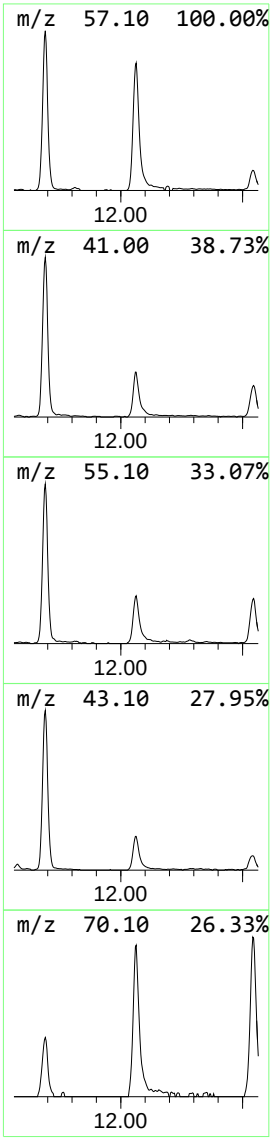
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1-Hexanol, 2-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.063	2.53 ug/L	161813	1,4-Dichlorobenzene-d4	11.815

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	83
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78





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Data File : VU046705.D
Acq On : 08 Jan 2022 14:49
Operator : SY/MD
Sample : N1077-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXT9

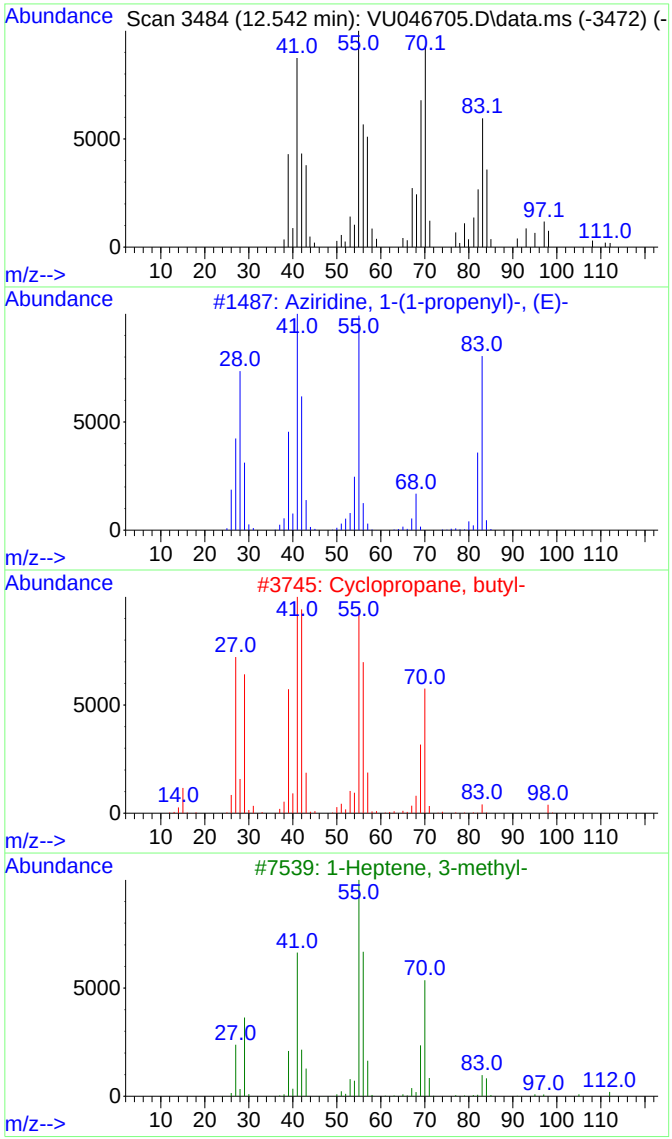
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

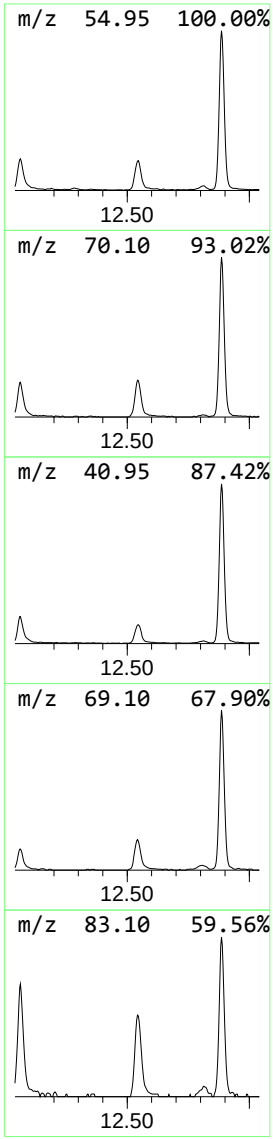
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 unknown-02 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.542	1.76 ug/L	112550	1,4-Dichlorobenzene-d4	11.815

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aziridine, 1-(1-propenyl)-, (E)-	83	C5H9N	080839-91-4	38
2	Cyclopropane, butyl-	98	C7H14	000930-57-4	30
3	1-Heptene, 3-methyl-	112	C8H16	004810-09-7	27
4	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	25
5	Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	25





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Data File : VU046705.D
Acq On : 08 Jan 2022 14:49
Operator : SY/MD
Sample : N1077-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXT9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

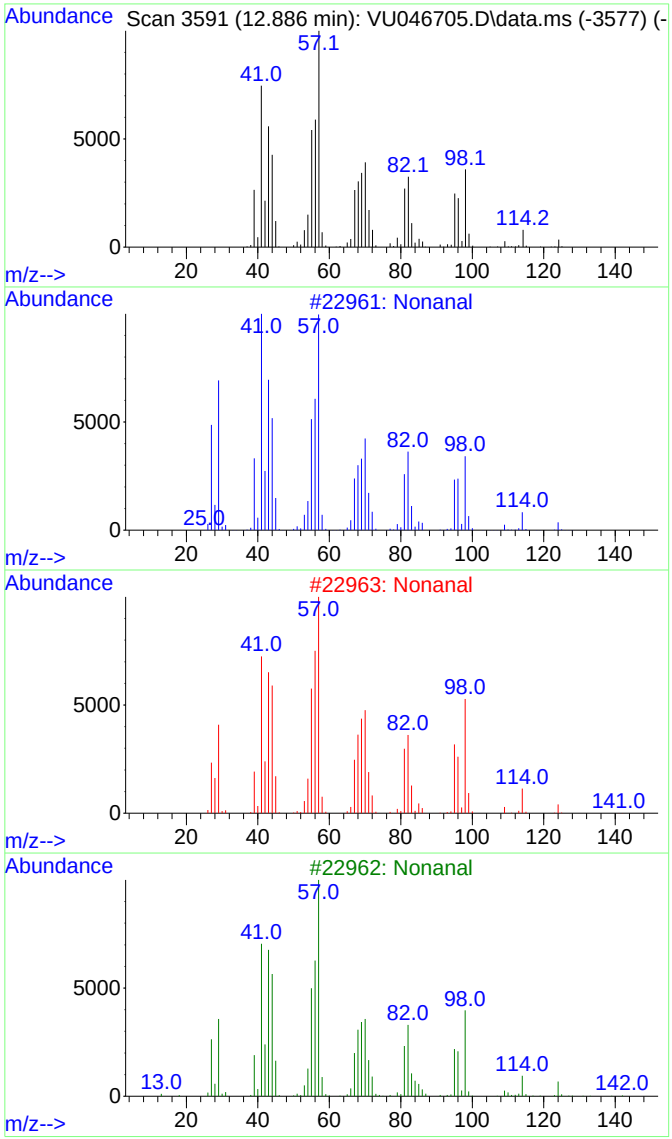
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

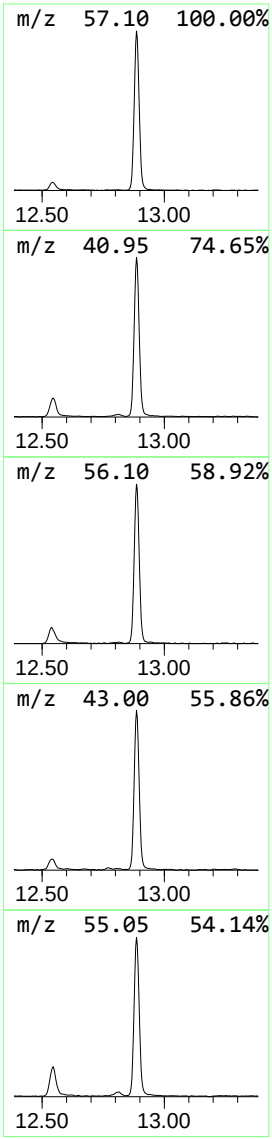
****

Peak Number 18 Nonanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.886	12.00 ug/L	767411	1,4-Dichlorobenzene-d4	11.815

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	86
4	Nonanal	142	C9H18O	000124-19-6	83
5	Carbonic acid, heptyl vinyl ester	186	C10H18O3	1010383-25-4	35





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Data File : VU046705.D
Acq On : 08 Jan 2022 14:49
Operator : SY/MD
Sample : N1077-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXT9

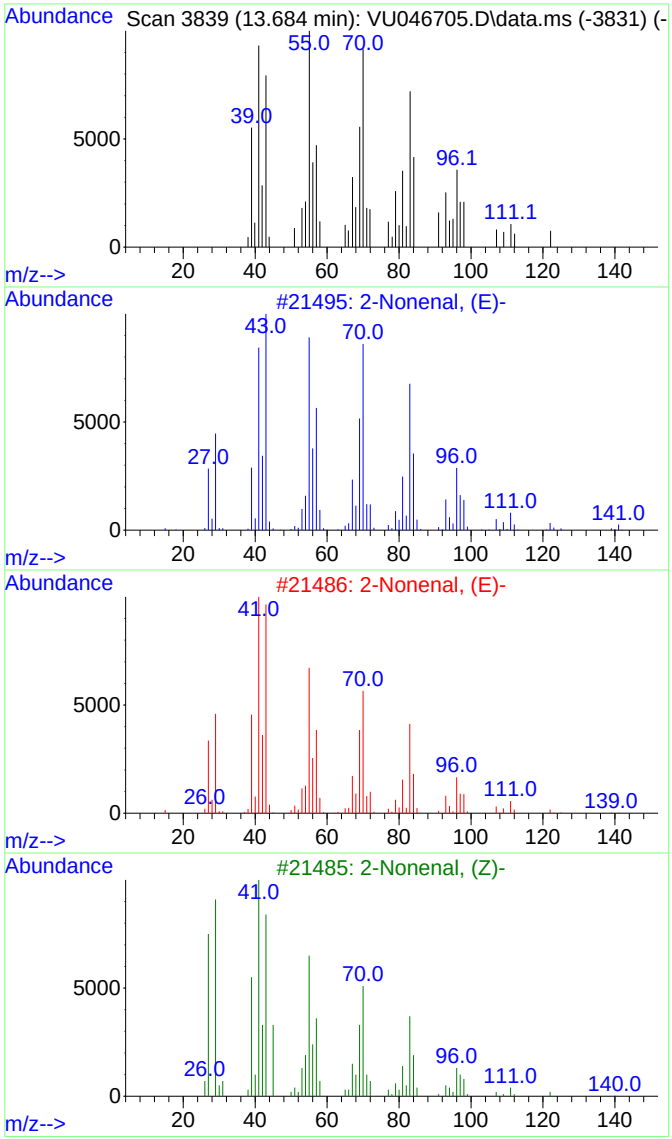
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

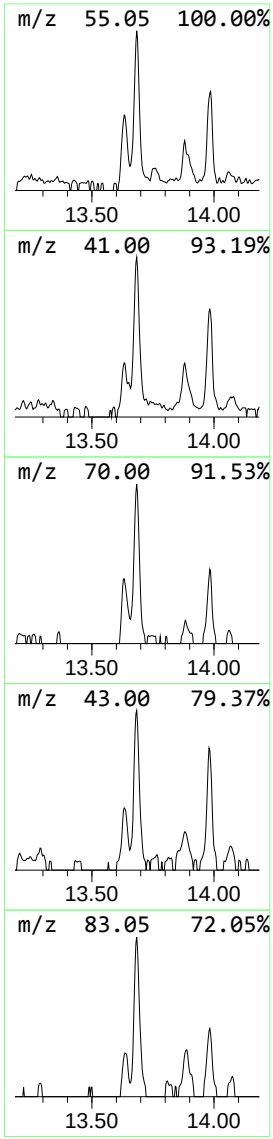
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 2-Nonenal, (E)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.684	0.68 ug/L	43568	1,4-Dichlorobenzene-d4	11.815

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonenal, (E)-	140	C9H16O	018829-56-6	86
2	2-Nonenal, (E)-	140	C9H16O	018829-56-6	78
3	2-Nonenal, (Z)-	140	C9H16O	060784-31-8	78
4	2-Decenal, (E)-	154	C10H18O	003913-81-3	64
5	2-Propen-1-amine, N-2-propenyl-	97	C6H11N	000124-02-7	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
Data File : VU046705.D
Acq On : 08 Jan 2022 14:49
Operator : SY/MD
Sample : N1077-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXT9

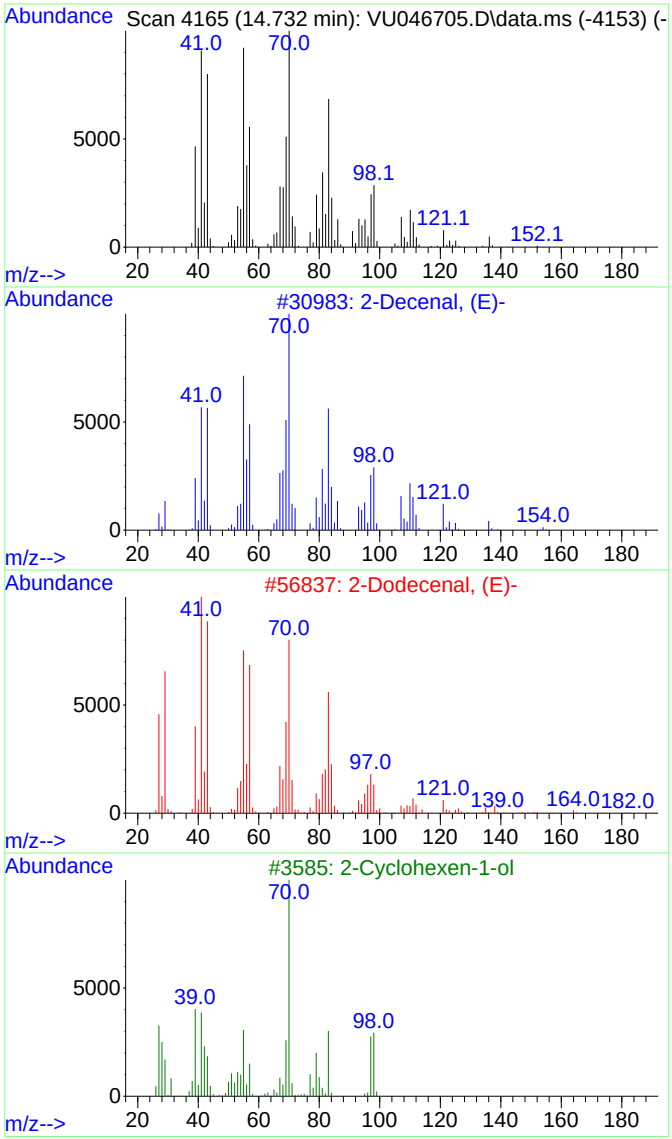
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

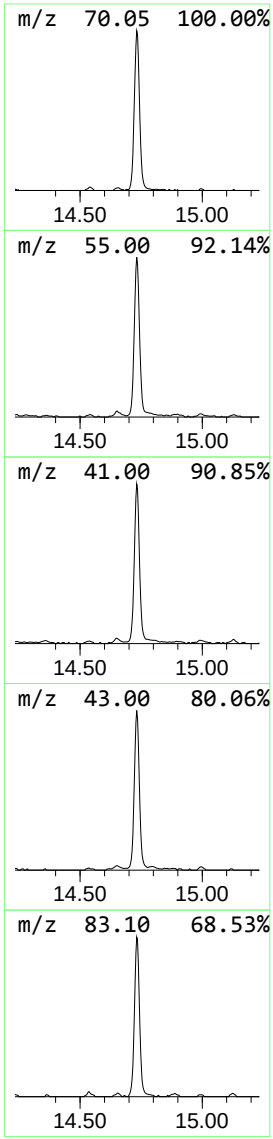
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 2-Decenal, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.732	5.41 ug/L	345903	1,4-Dichlorobenzene-d4	11.815

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decenal, (E)-	154	C10H18O	003913-81-3	90
2	2-Dodecenal, (E)-	182	C12H22O	020407-84-5	64
3	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	53
4	Bicyclo[3.1.0]hexan-2-ol	98	C6H10O	1000194-18-6	49
5	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
Data File : VU046705.D
Acq On : 08 Jan 2022 14:49
Operator : SY/MD
Sample : N1077-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXT9

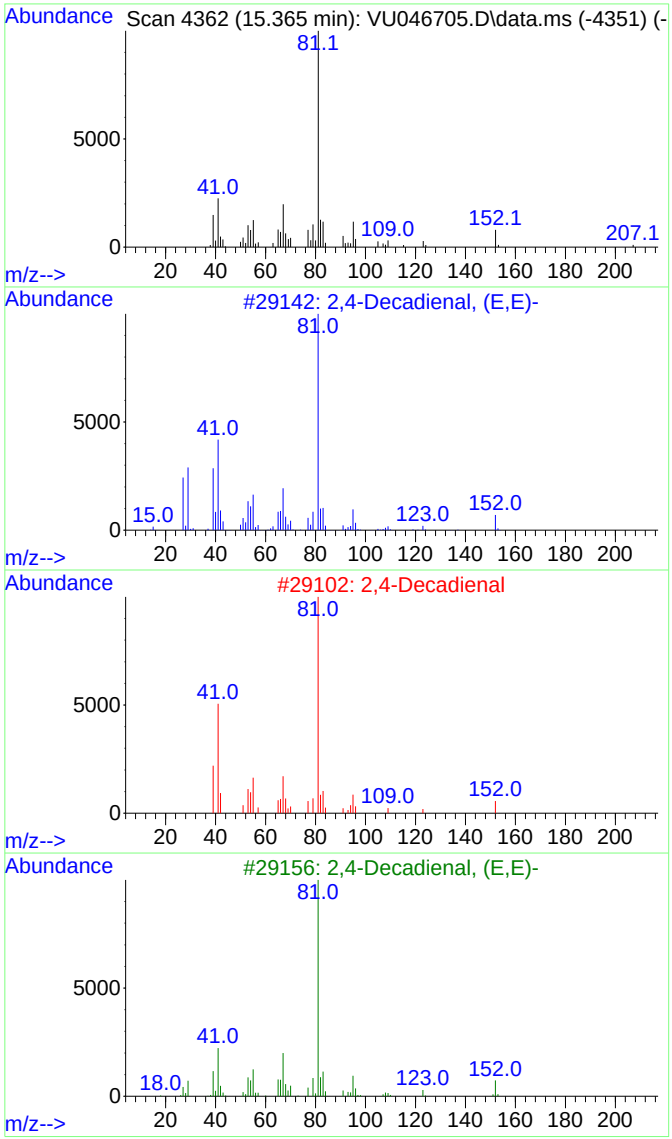
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

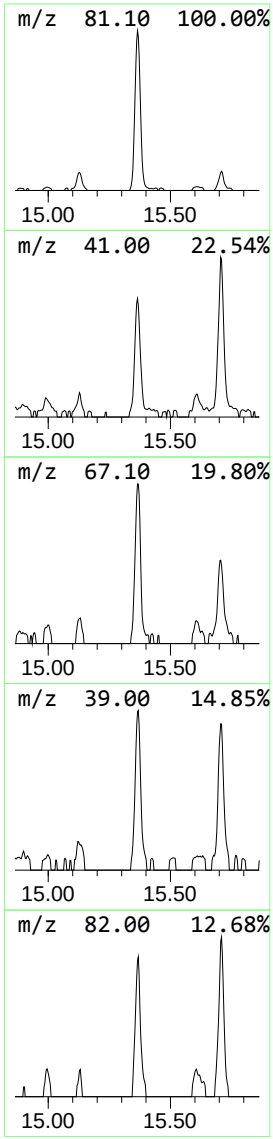
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 2,4-Decadienal, (E,E)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.365	0.95 ug/L	60712	1,4-Dichlorobenzene-d4	11.815

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	90
2	2,4-Decadienal	152	C10H16O	002363-88-4	90
3	2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	90
4	2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	87
5	2,4-Decadienal	152	C10H16O	002363-88-4	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
Data File : VU046705.D
Acq On : 08 Jan 2022 14:49
Operator : SY/MD
Sample : N1077-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXT9

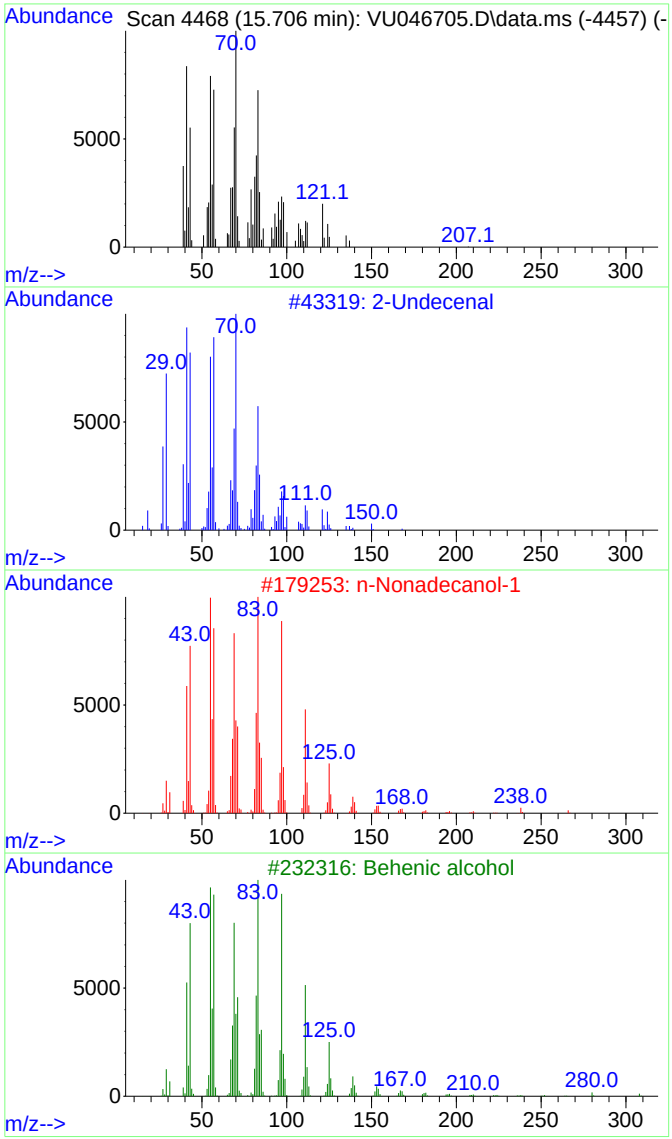
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

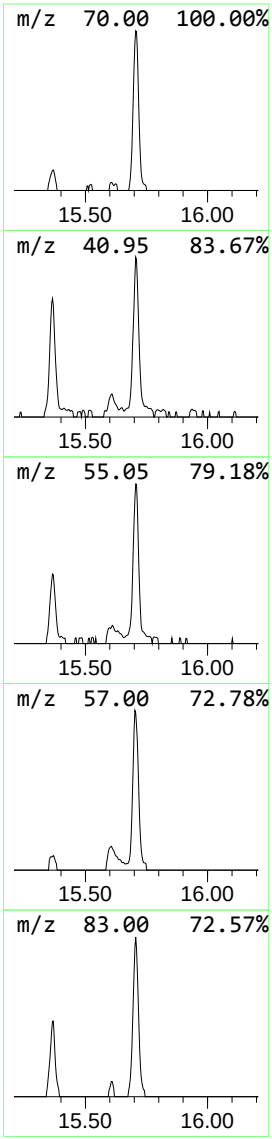
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 2-Undecenal Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.706	1.04 ug/L	66550	1,4-Dichlorobenzene-d4	11.815

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Undecenal	168	C11H20O	002463-77-6	86
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	49
3	Behenic alcohol	326	C22H46O	000661-19-8	35
4	1-Heneicosanol	312	C21H44O	015594-90-8	35
5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
Data File : VU046705.D
Acq On : 08 Jan 2022 14:49
Operator : SY/MD
Sample : N1077-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXT9

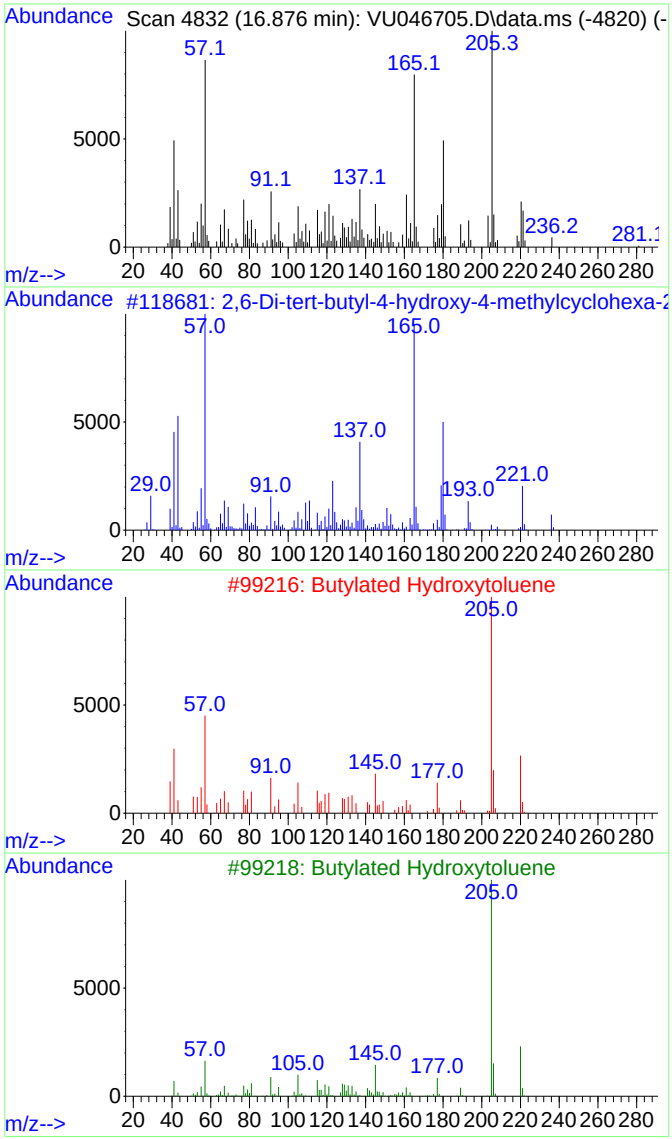
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

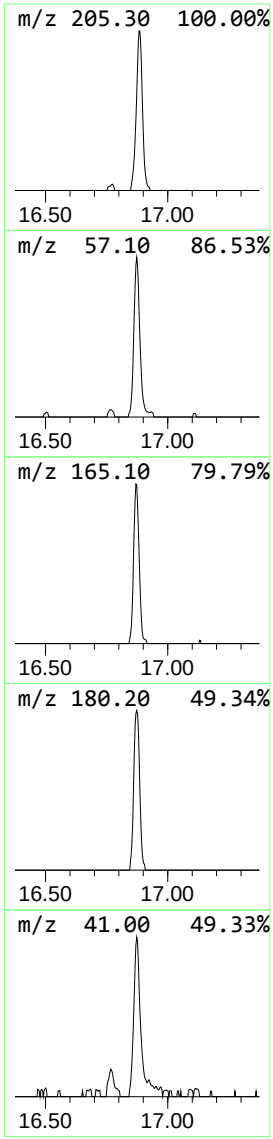
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 2,6-Di-tert-butyl-4-hydroxy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.876	2.03 ug/L	129631	1,4-Dichlorobenzene-d4	11.815

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Di-tert-butyl-4-hydroxy-4-me...	236	C15H24O2	010396-80-2	94
2	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	83
3	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	81
4	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	49
5	3-tert-Butyl-4-hydroxyanisole	180	C11H16O2	000121-00-6	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
Data File : VU046705.D
Acq On : 08 Jan 2022 14:49
Operator : SY/MD
Sample : N1077-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXT9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.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...	1.366	18.1	ug/L	691750	1	6.282	191568	5.0
unknown-01	1.452	0.5	ug/L	20651	1	6.282	191568	5.0
(DEL) Alkane: S...	1.498	1.0	ug/L	39760	1	6.282	191568	5.0
(DEL) Alkane: S...	1.748	1.2	ug/L	44383	1	6.282	191568	5.0
(DEL) Alkane: S...	2.018	0.8	ug/L	31567	1	6.282	191568	5.0
(DEL) Alkane: C...	2.179	2.0	ug/L	77327	1	6.282	191568	5.0
(DEL) Alkane: S...	2.227	2.1	ug/L	80944	1	6.282	191568	5.0
(DEL) Alkane: S...	2.433	0.9	ug/L	34482	1	6.282	191568	5.0
1,3-Cyclopentad...	2.870	0.5	ug/L	19639	1	6.282	191568	5.0
(DEL) Alkane: S...	3.594	0.6	ug/L	22483	1	6.282	191568	5.0
Pentanal	6.919	1.8	ug/L	68109	1	6.282	191568	5.0
Hexanal	8.803	17.4	ug/L	899860	2	9.426	259015	5.0
Heptanal	10.349	6.9	ug/L	355627	2	9.426	259015	5.0
Octanal	11.690	7.4	ug/L	471108	3	11.815	319774	5.0
1-Hexanol, 2-et...	12.063	2.5	ug/L	161813	3	11.815	319774	5.0
unknown-02	12.542	1.8	ug/L	112550	3	11.815	319774	5.0
Nonanal	12.886	12.0	ug/L	767411	3	11.815	319774	5.0
2-Nonenal, (E)-	13.684	0.7	ug/L	43568	3	11.815	319774	5.0
2-Decenal, (E)-	14.732	5.4	ug/L	345903	3	11.815	319774	5.0
2,4-Decadienal,...	15.365	0.9	ug/L	60712	3	11.815	319774	5.0
2-Undecenal	15.706	1.0	ug/L	66550	3	11.815	319774	5.0
2,6-Di-tert-but...	16.876	2.0	ug/L	129631	3	11.815	319774	5.0