LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101124\
Data File : VU061114.D
Acq On : 11 Oct 2024 13:25
Operator : MD/SY
Sample : P4380-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E27G7

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\SFAMUTR100124WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU061114.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.354	12	20	39	rBV	244382	251581	1.23%	0.774%
2	1.486	54	61	83	rBV2	376246	973266	4.75%	2.996%
3	1.586	84	92	105	rVB	358310	448752	2.19%	1.381%
4	1.718	126	133	166	rVB	252158	389902	1.90%	1.200%
5	2.187	272	279	286	rBV	146940	241071	1.18%	0.742%
6	4.647	1029	1044	1054	rBV	87741	224145	1.09%	0.690%
7	5.049	1154	1169	1189	rVB	110165	243984	1.19%	0.751%
8	5.708	1356	1374	1386	rBV2	236703	566450	2.76%	1.744%
9	6.238	1527	1539	1568	rBV	190767	370105	1.81%	1.139%
10	6.682	1663	1677	1694	rBV	142671	282640	1.38%	0.870%
11	7.888	2040	2052	2064	rBV	269872	466590	2.28%	1.436%
12	7.959	2064	2074	2097	rVB	235414	414449	2.02%	1.276%
13	8.541	2242	2255	2274	rBV	835218	1430100	6.98%	4.402%
14	8.634	2274	2284	2324	rVV	333098	650531	3.17%	2.002%
15	9.409	2513	2525	2548	rBV	274938	459181	2.24%	1.413%
16	11.460	3152	3163	3180	rBV	138046	253668	1.24%	0.781%
17	11.804	3257	3270	3286	rVB2	289796	515689	2.52%	1.587%
18	12.084	3338	3357	3376	rBV	355370	669749	3.27%	2.062%
19	12.184	3376	3388	3408	rVB	313530	531804	2.59%	1.637%
20	12.303	3411	3425	3438	rBV	459330	721836	3.52%	2.222%
21	14.077	3962	3977	3999	rBV	13061556	20493833	100.00%	63.084%
22	14.196	4004	4014	4032	rVB	166871	280937	1.37%	0.865%
23	15.212	4318	4330	4358	rVB	696278	1124403	5.49%	3.461%
24	15.399	4377	4388	4402	rBV	294677	481919	2.35%	1.483%

Sum of corrected areas: 32486585

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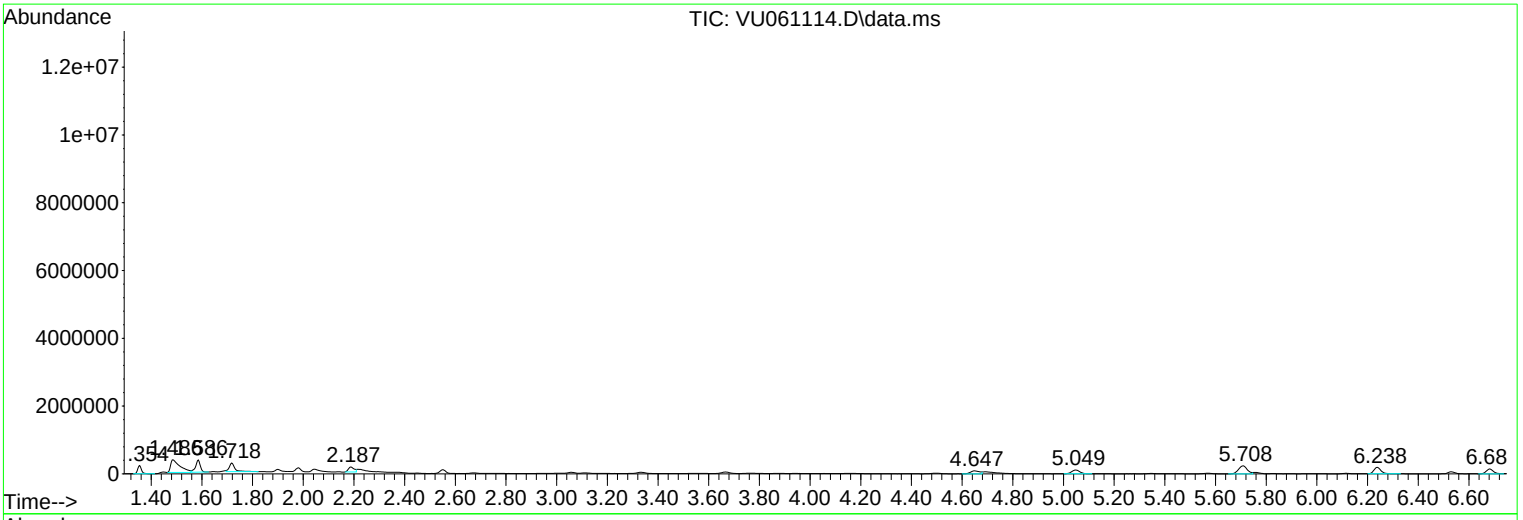
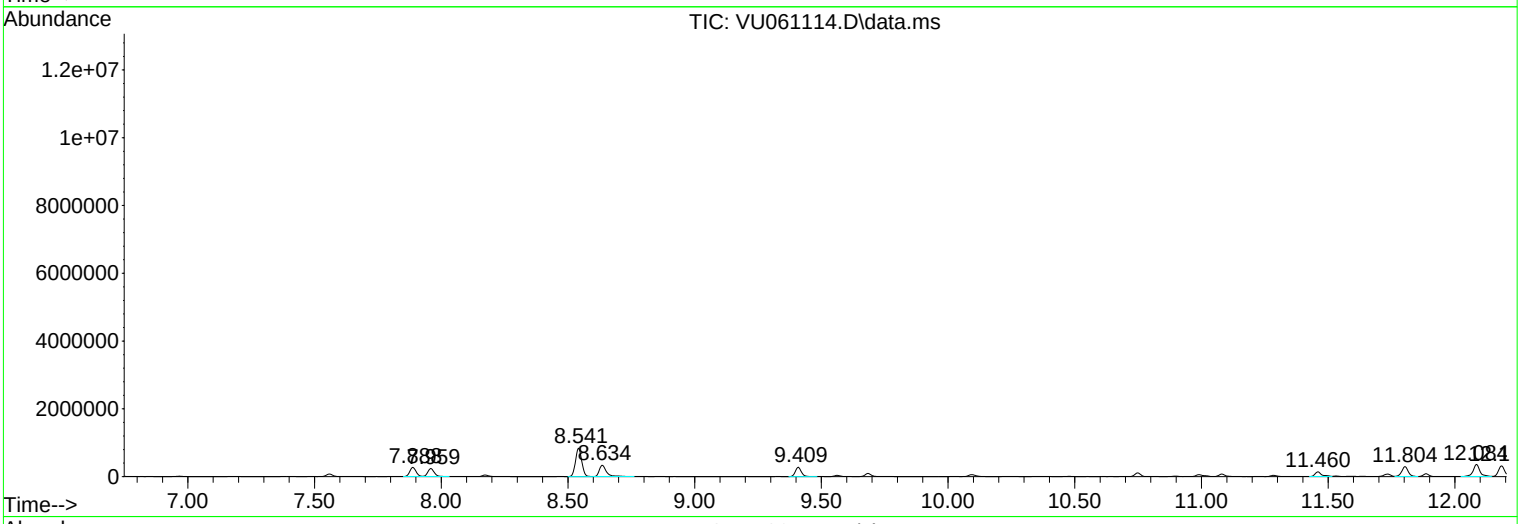
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

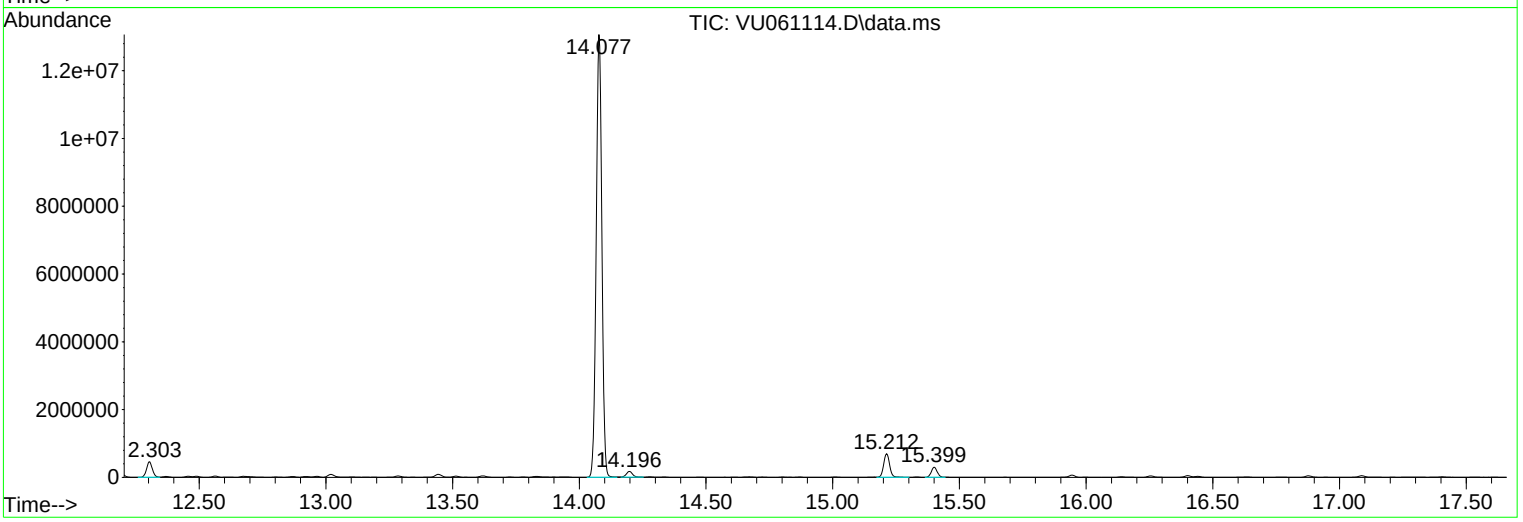
Instrument :
MSVOA_U
ClientSampleId :
E27G7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.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\VU101124\
Data File : VU061114.D
Acq On : 11 Oct 2024 13:25
Operator : MD/SY
Sample : P4380-22
Misc : 25.0mL/MSVOA_U/WATER
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Instrument :
MSVOA_U
ClientSampleId :
E27G7

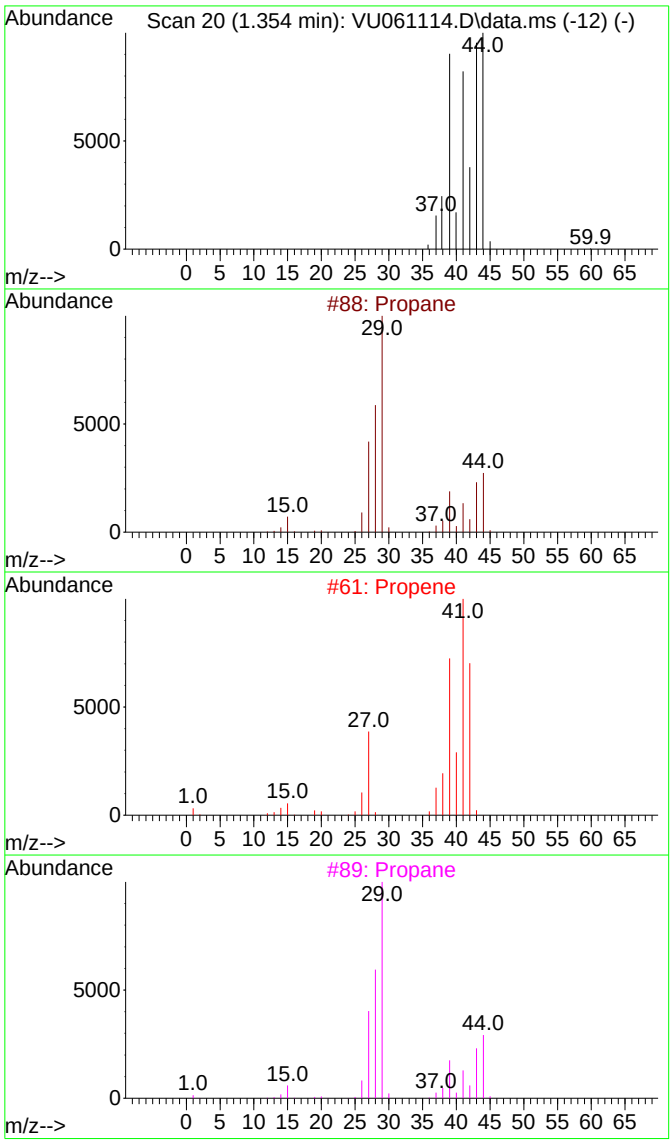
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
Quant Title : TRACE VOA SFAM1.0

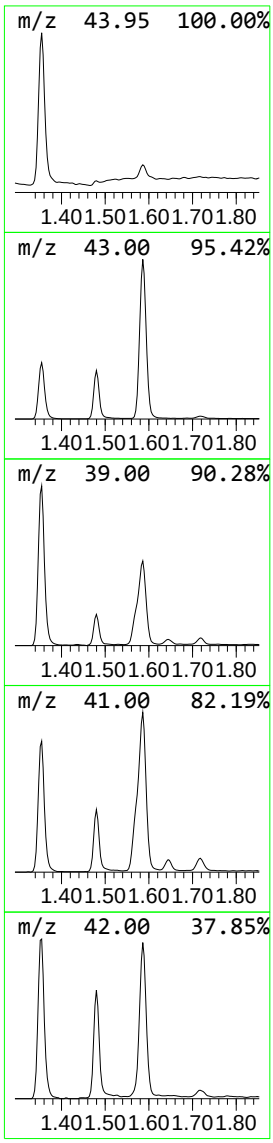
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.354	3.40 ug/L	251581	1,4-Difluorobenzene	6.238

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane	44	C3H8	000074-98-6	74
2	Propene	42	C3H6	000115-07-1	9
3	Propane	44	C3H8	000074-98-6	5
4	Propane	44	C3H8	000074-98-6	4
5	Cyclopropene	40	C3H4	002781-85-3	2





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101124\
Data File : VU061114.D
Acq On : 11 Oct 2024 13:25
Operator : MD/SY
Sample : P4380-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E27G7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
Quant Title : TRACE VOA SFAM1.0

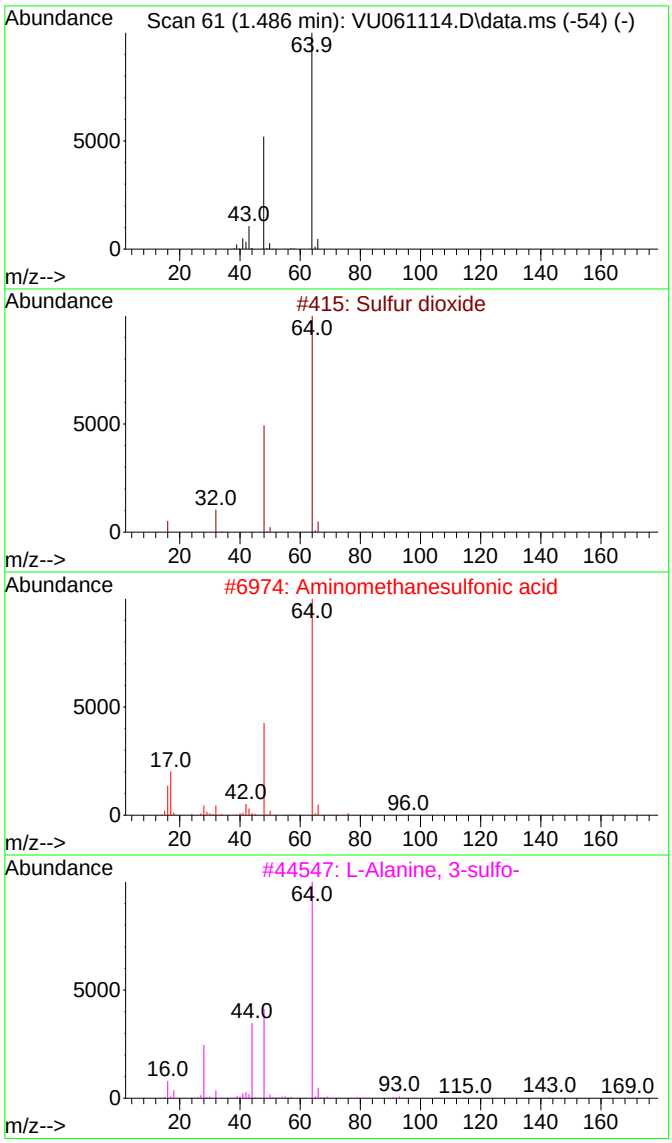
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

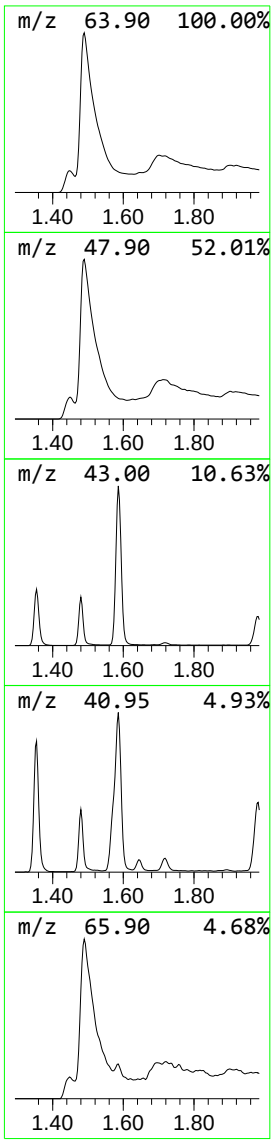
****

Peak Number 2 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.486	13.15 ug/L	973266	1,4-Difluorobenzene	6.238

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	64
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101124\
Data File : VU061114.D
Acq On : 11 Oct 2024 13:25
Operator : MD/SY
Sample : P4380-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E27G7

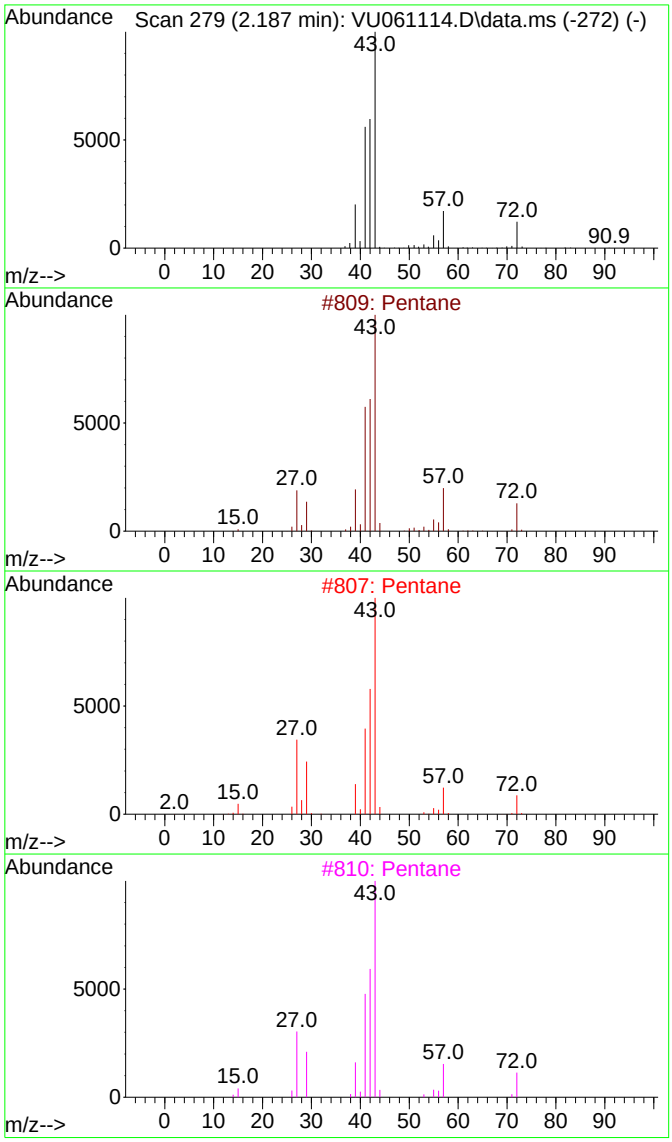
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
Quant Title : TRACE VOA SFAM1.0

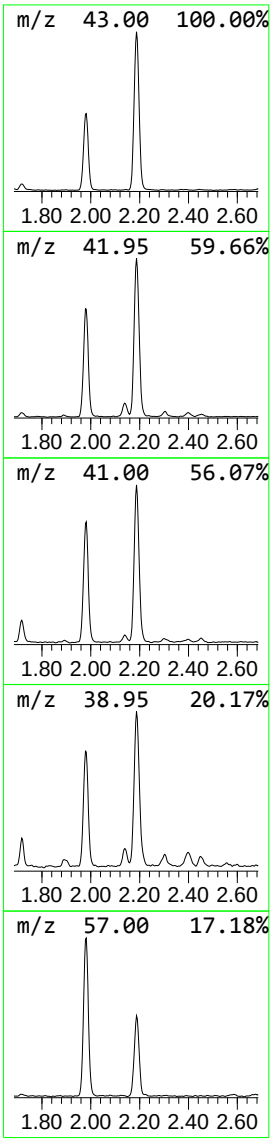
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.187	3.26 ug/L	241071	1,4-Difluorobenzene	6.238

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	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101124\
Data File : VU061114.D
Acq On : 11 Oct 2024 13:25
Operator : MD/SY
Sample : P4380-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E27G7

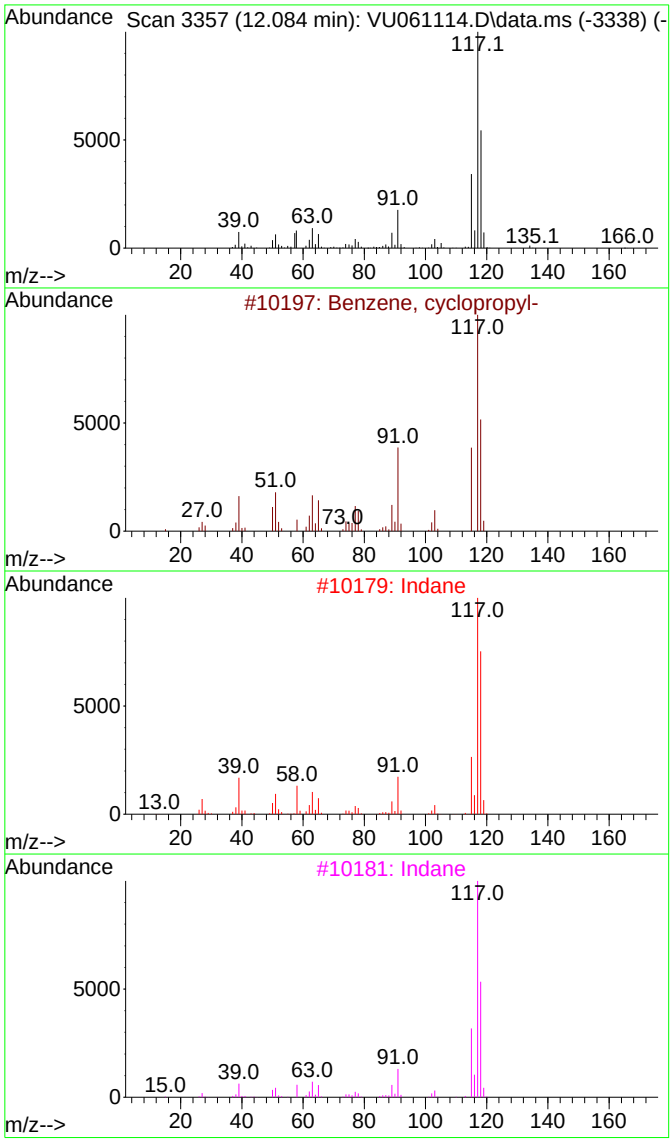
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
Quant Title : TRACE VOA SFAM1.0

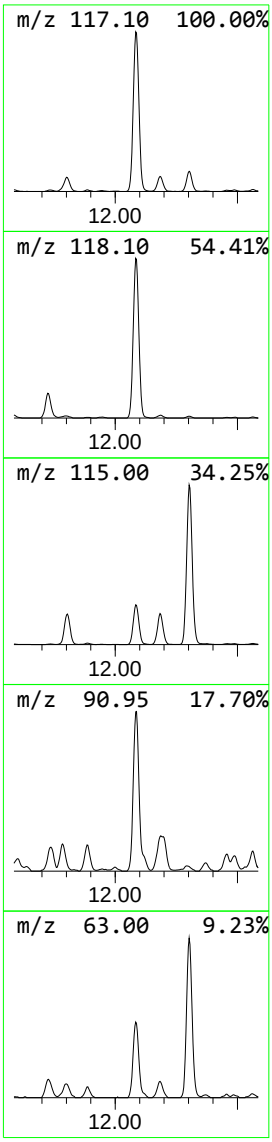
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, cyclopropyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.084	6.49 ug/L	669749	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
2	Indane	118	C9H10	000496-11-7	93
3	Indane	118	C9H10	000496-11-7	93
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
5	Indane	118	C9H10	000496-11-7	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101124\
Data File : VU061114.D
Acq On : 11 Oct 2024 13:25
Operator : MD/SY
Sample : P4380-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E27G7

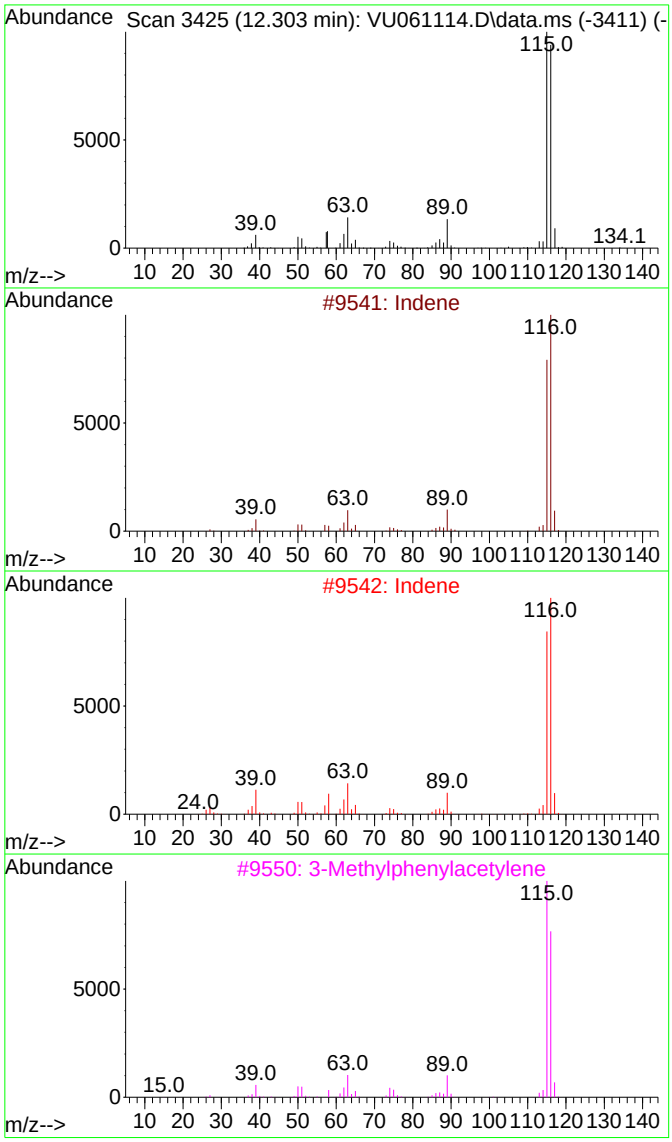
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
Quant Title : TRACE VOA SFAM1.0

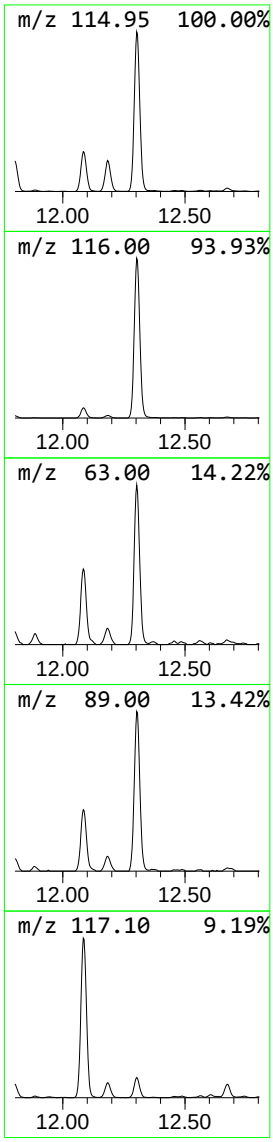
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.303	7.00 ug/L	721836	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Indene	116	C9H8	000095-13-6	94
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101124\
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Operator : MD/SY
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E27G7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
Quant Title : TRACE VOA SFAM1.0

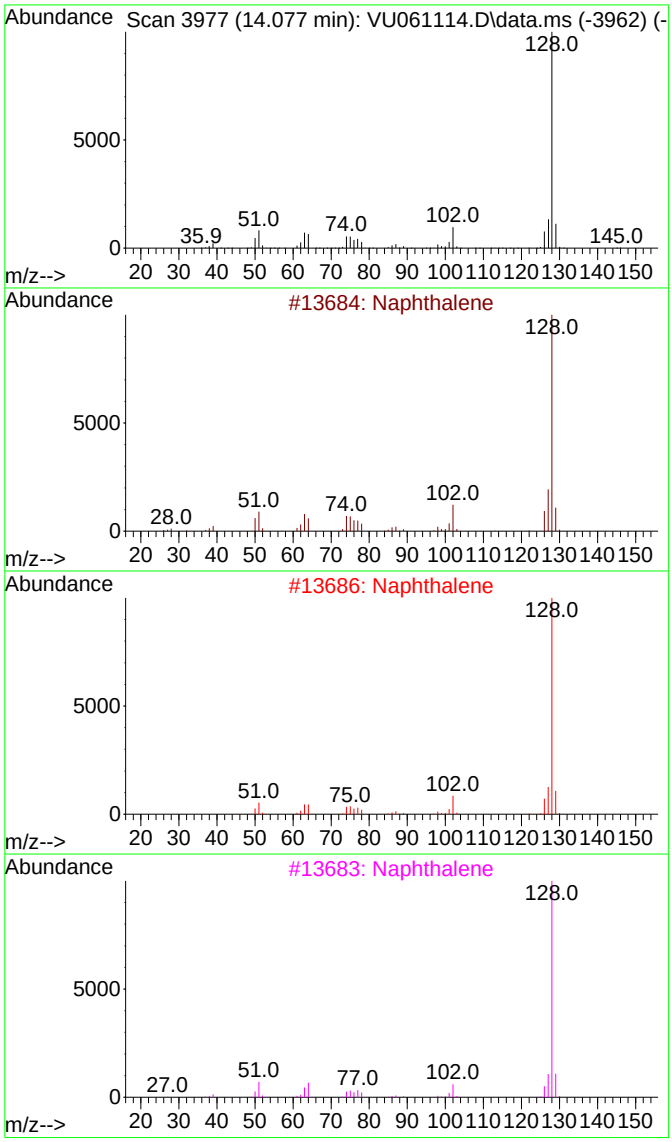
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

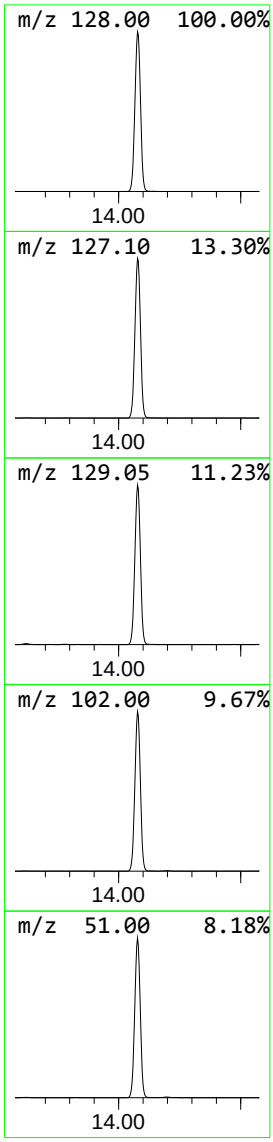
****

Peak Number 7 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.077	198.70 ug/L	20493800	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	97
2	Naphthalene	128	C10H8	000091-20-3	95
3	Naphthalene	128	C10H8	000091-20-3	94
4	Azulene	128	C10H8	000275-51-4	94
5	Naphthalene	128	C10H8	000091-20-3	93





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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E27G7

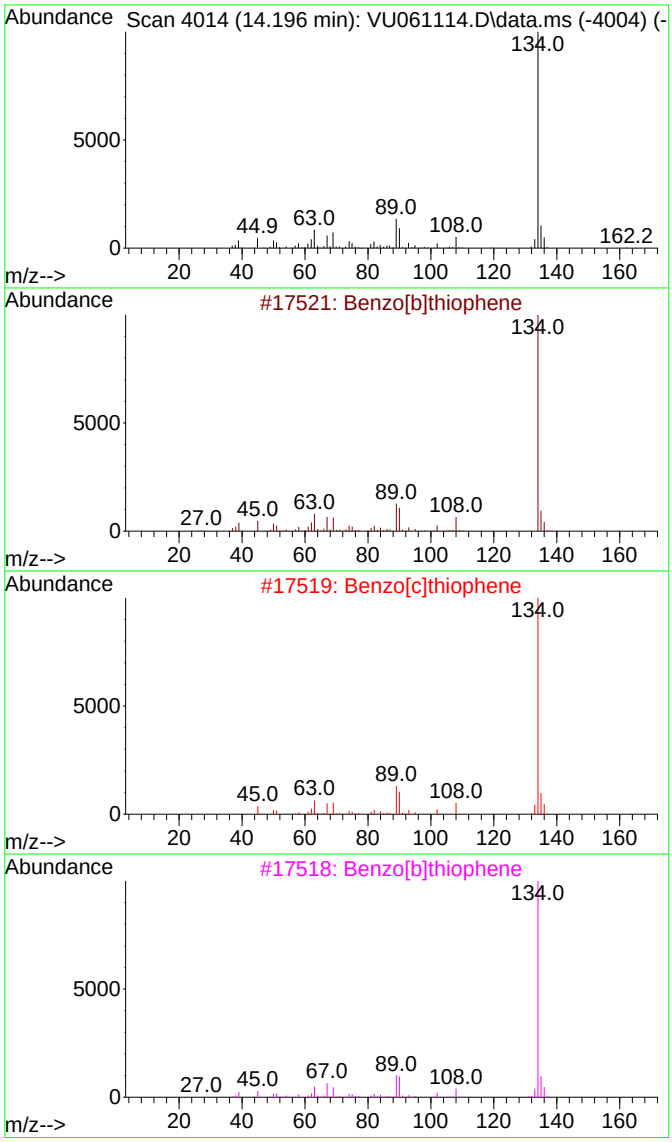
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
Quant Title : TRACE VOA SFAM1.0

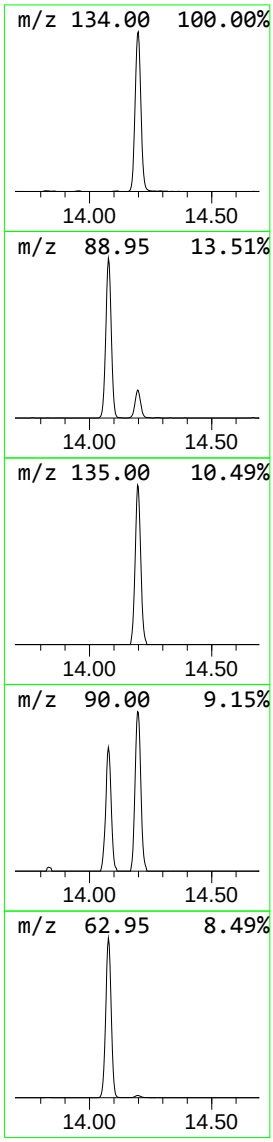
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzo[b]thiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.196	2.72 ug/L	280937	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	97
2	Benzo[c]thiophene	134	C8H6S	000270-82-6	97
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	90





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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E27G7

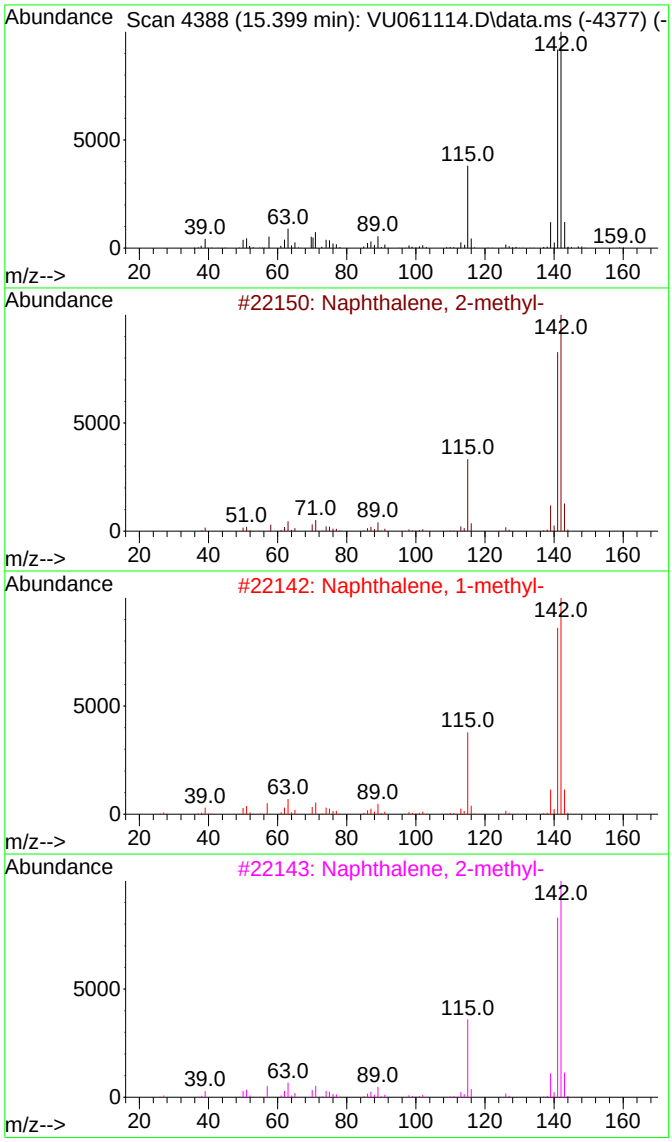
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
Quant Title : TRACE VOA SFAM1.0

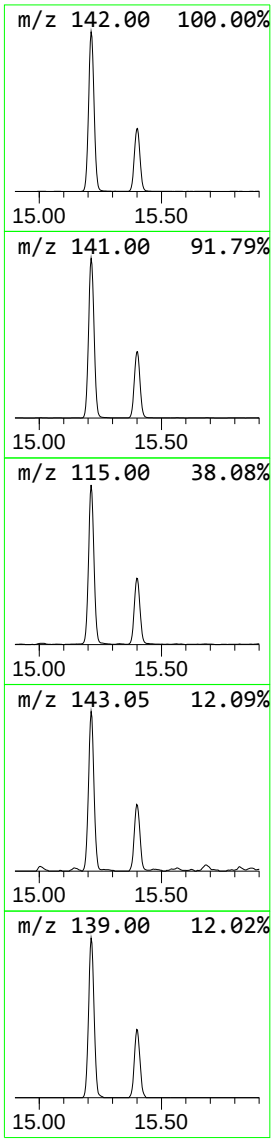
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Indene, 1-ethylidene- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.399	4.67 ug/L	481919	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101124\
Data File : VU061114.D
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Operator : MD/SY
Sample : P4380-22
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Instrument :
MSVOA_U
ClientSampleId :
E27G7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.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...	1.354	3.4	ug/L	251581	1	6.238	370105	5.0
Sulfur dioxide	1.486	13.2	ug/L	973266	1	6.238	370105	5.0
(DEL) Alkane: S...	2.187	3.3	ug/L	241071	1	6.238	370105	5.0
Benzene, cyclop...	12.084	6.5	ug/L	669749	3	11.804	515689	5.0
Indene	12.303	7.0	ug/L	721836	3	11.804	515689	5.0
Azulene	14.077	198.7	ug/L	20493800	3	11.804	515689	5.0
Benzo[b]thiophene	14.196	2.7	ug/L	280937	3	11.804	515689	5.0
1H-Indene, 1-et...	15.399	4.7	ug/L	481919	3	11.804	515689	5.0