LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101124\
Data File : VU061120.D
Acq On : 11 Oct 2024 15:51
Operator : MD/SY
Sample : P4380-22DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E27G7DL

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: VU061120.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.358	14	21	34	rBV2	44006	45800	1.34%	0.510%
2	1.531	65	75	86	rBV2	14365	46713	1.37%	0.520%
3	1.595	88	95	109	rVB2	108582	138586	4.07%	1.542%
4	1.907	185	192	206	rVB	48343	62907	1.85%	0.700%
5	2.197	275	282	295	rVB	26437	39713	1.17%	0.442%
6	2.560	383	395	411	rBV	91487	150343	4.41%	1.673%
7	4.624	1019	1037	1094	rBV	89151	323052	9.48%	3.595%
8	5.052	1156	1170	1194	rBV	93816	208293	6.11%	2.318%
9	5.717	1356	1377	1411	rBV2	184615	501728	14.73%	5.583%
10	6.242	1528	1540	1572	rBV	191919	375630	11.02%	4.180%
11	6.682	1664	1677	1695	rBV	120097	236960	6.95%	2.637%
12	7.560	1938	1950	1969	rBV	62259	114679	3.37%	1.276%
13	7.891	2041	2053	2067	rBV	224716	397700	11.67%	4.425%
14	7.962	2067	2075	2095	rVB	42223	77472	2.27%	0.862%
15	8.174	2131	2141	2165	rBV	36497	66049	1.94%	0.735%
16	8.547	2242	2257	2272	rBV	153028	261435	7.67%	2.909%
17	8.627	2272	2282	2319	rVV	298993	592061	17.38%	6.588%
18	9.412	2513	2526	2550	rBV	262845	459516	13.49%	5.113%
19	10.749	2929	2942	2957	rBV	88881	146820	4.31%	1.634%
20	11.463	3154	3164	3181	rBV	22492	41676	1.22%	0.464%
21	11.804	3257	3270	3288	rBV	273519	457284	13.42%	5.088%
22	12.087	3337	3358	3377	rBV	65322	120472	3.54%	1.340%
23	12.187	3377	3389	3412	rVB	225445	376088	11.04%	4.185%
24	12.306	3414	3426	3442	rBV	72911	121750	3.57%	1.355%
25	14.077	3961	3977	4005	rBV	2126375	3407176	100.00%	37.912%
26	14.199	4006	4015	4035	rVB	27748	47588	1.40%	0.530%
27	15.219	4321	4332	4351	rBV	66039	114493	3.36%	1.274%
28	15.405	4379	4390	4412	rBV	31844	55170	1.62%	0.614%

Sum of corrected areas: 8987154

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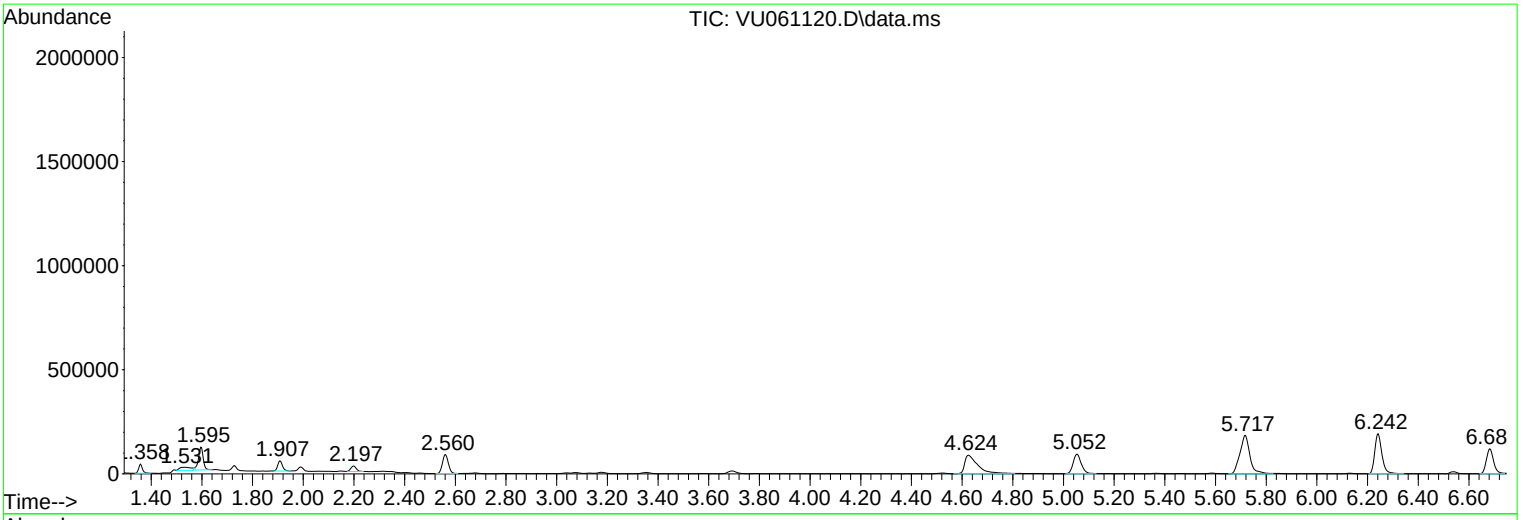
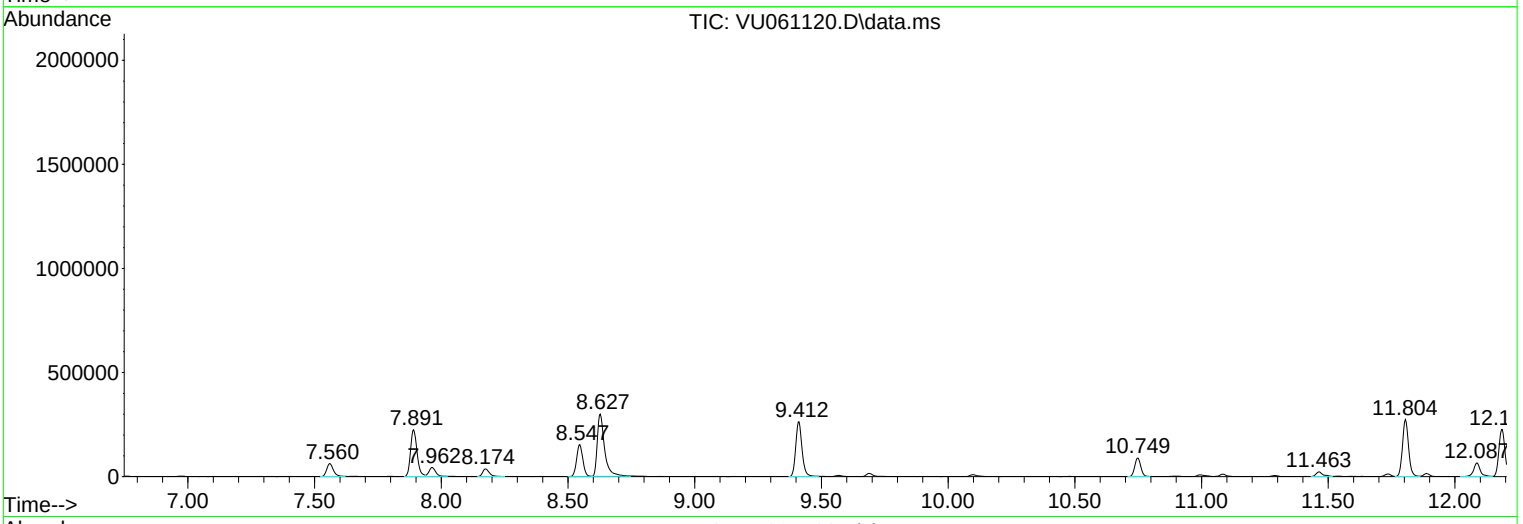
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

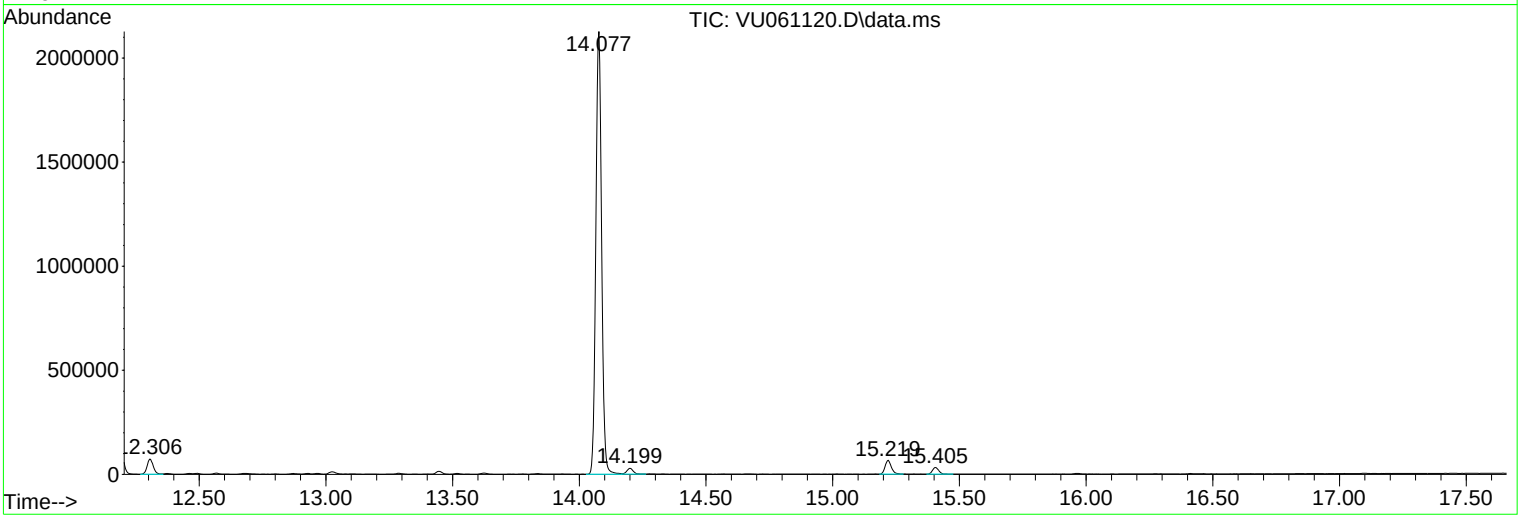
Instrument :
MSVOA_U
ClientSampleId :
E27G7DL

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







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Data File : VU061120.D
Acq On : 11 Oct 2024 15:51
Operator : MD/SY
Sample : P4380-22DL 5X
Misc : 25.0mL/MSVOA_U/WATER
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ClientSampleId :
E27G7DL

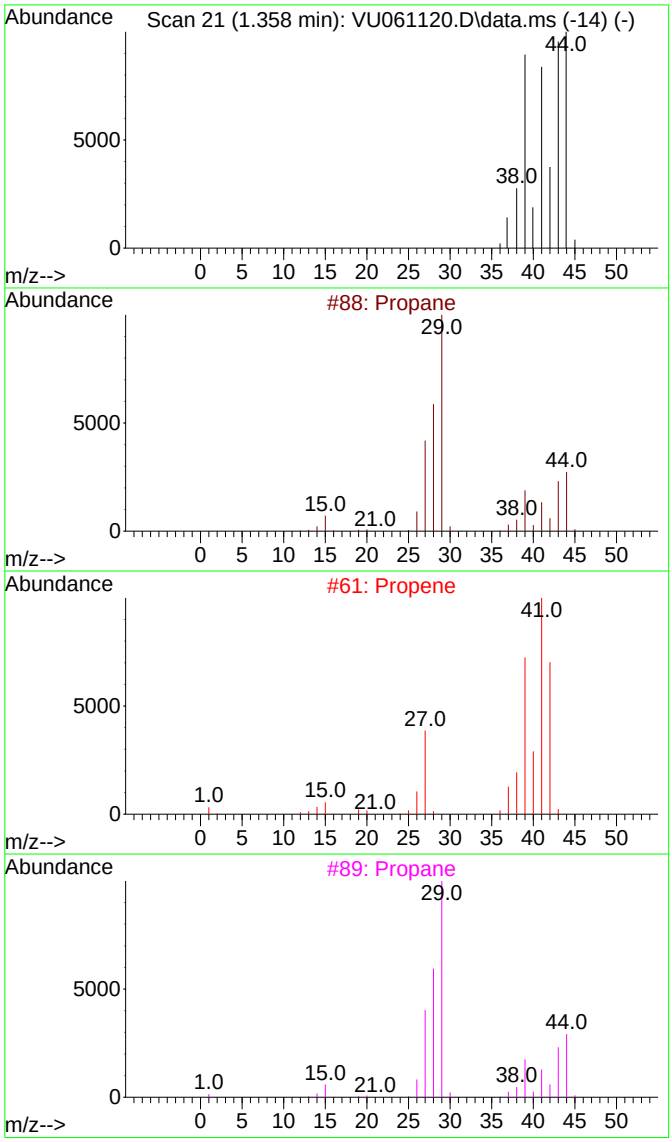
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
Quant Title : TRACE VOA SFAM1.0

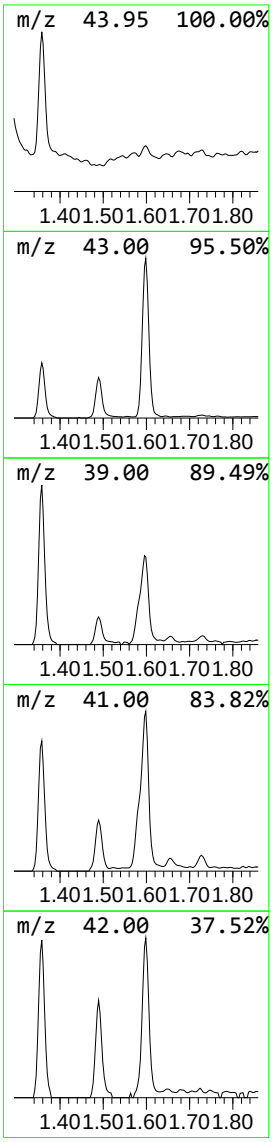
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.358	0.61 ug/L	45800	1,4-Difluorobenzene	6.242

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	7
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 : VU061120.D
Acq On : 11 Oct 2024 15:51
Operator : MD/SY
Sample : P4380-22DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E27G7DL

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

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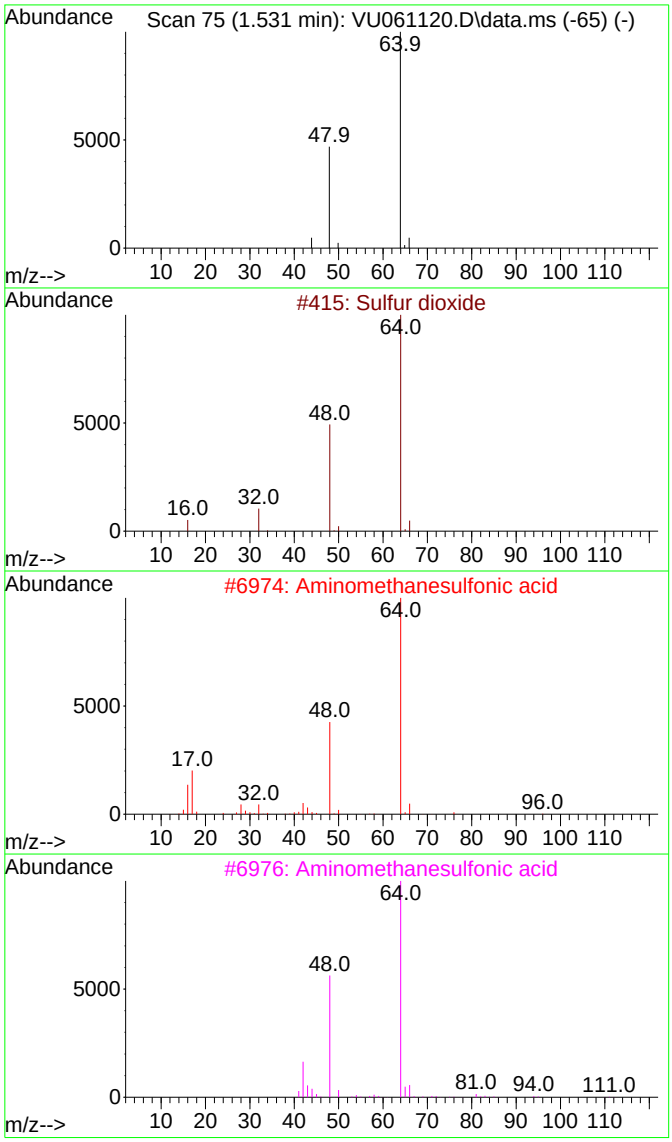
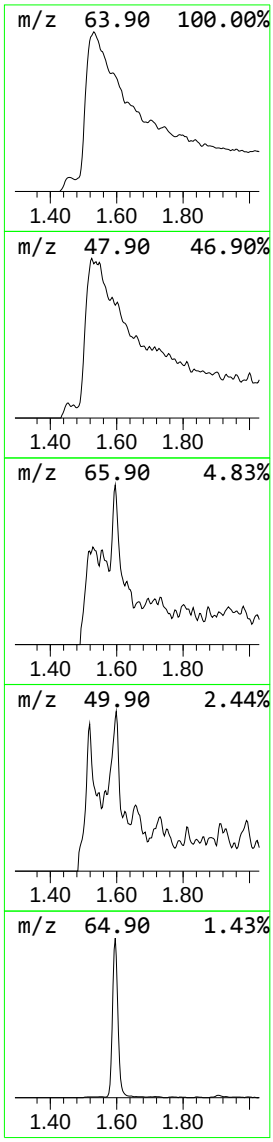
Peak Number 2 Sulfur dioxide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.531	0.62 ug/L	46713	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
4	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101124\
Data File : VU061120.D
Acq On : 11 Oct 2024 15:51
Operator : MD/SY
Sample : P4380-22DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E27G7DL

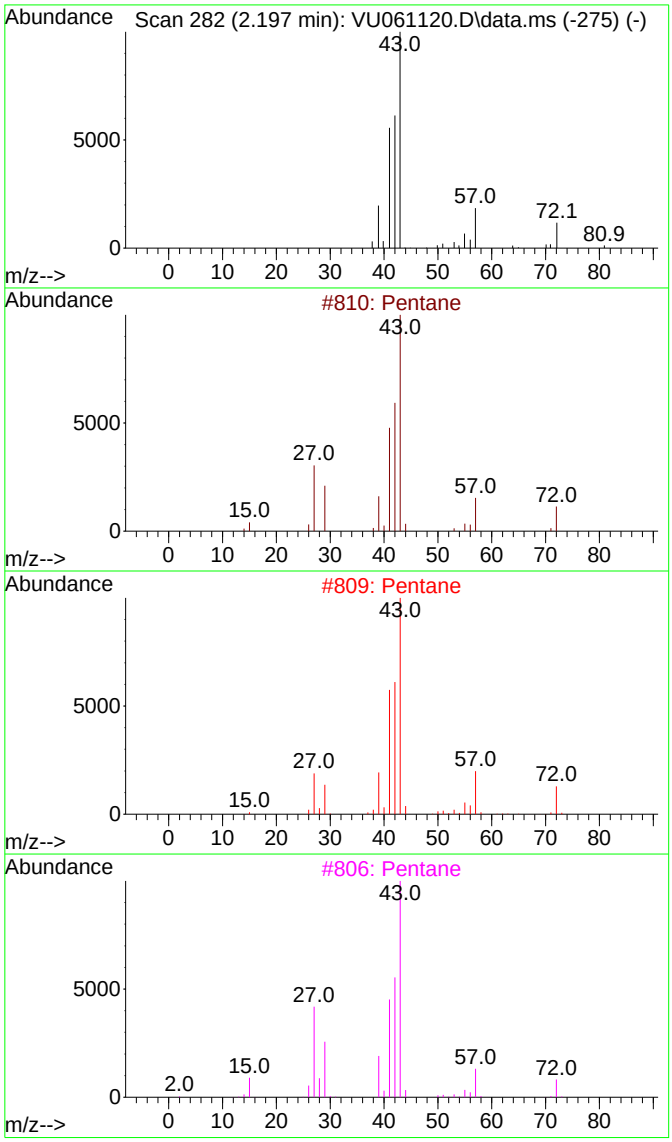
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
Quant Title : TRACE VOA SFAM1.0

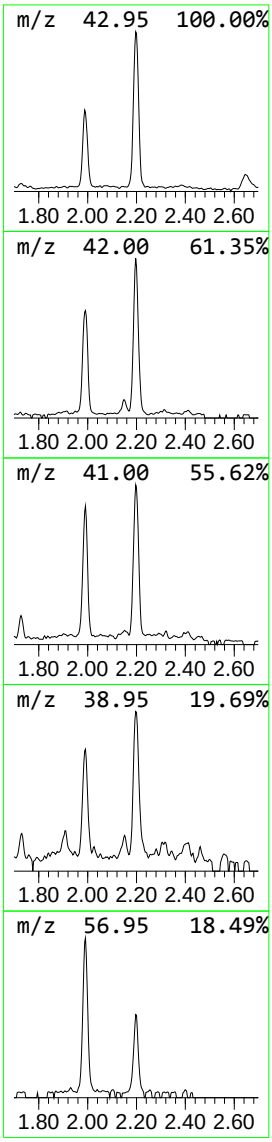
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.197	0.53 ug/L	39713	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	90
2	Pentane	72	C5H12	000109-66-0	86
3	Pentane	72	C5H12	000109-66-0	86
4	Pentane	72	C5H12	000109-66-0	72
5	Butane, 2-methyl-	72	C5H12	000078-78-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101124\
Data File : VU061120.D
Acq On : 11 Oct 2024 15:51
Operator : MD/SY
Sample : P4380-22DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E27G7DL

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

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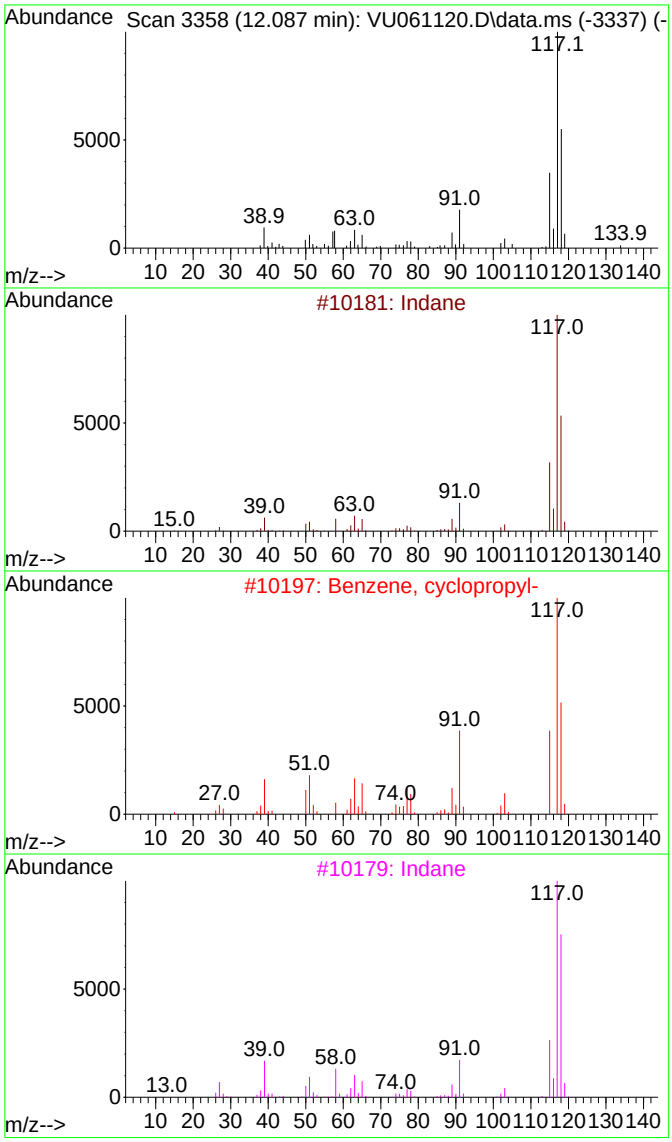
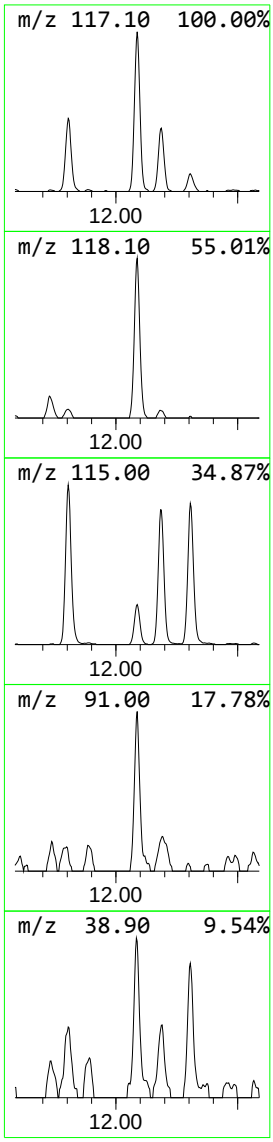
Peak Number 5 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.087	1.32 ug/L	120472	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
3	Indane	118	C9H10	000496-11-7	93
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	87
5	Indane	118	C9H10	000496-11-7	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101124\
Data File : VU061120.D
Acq On : 11 Oct 2024 15:51
Operator : MD/SY
Sample : P4380-22DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E27G7DL

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

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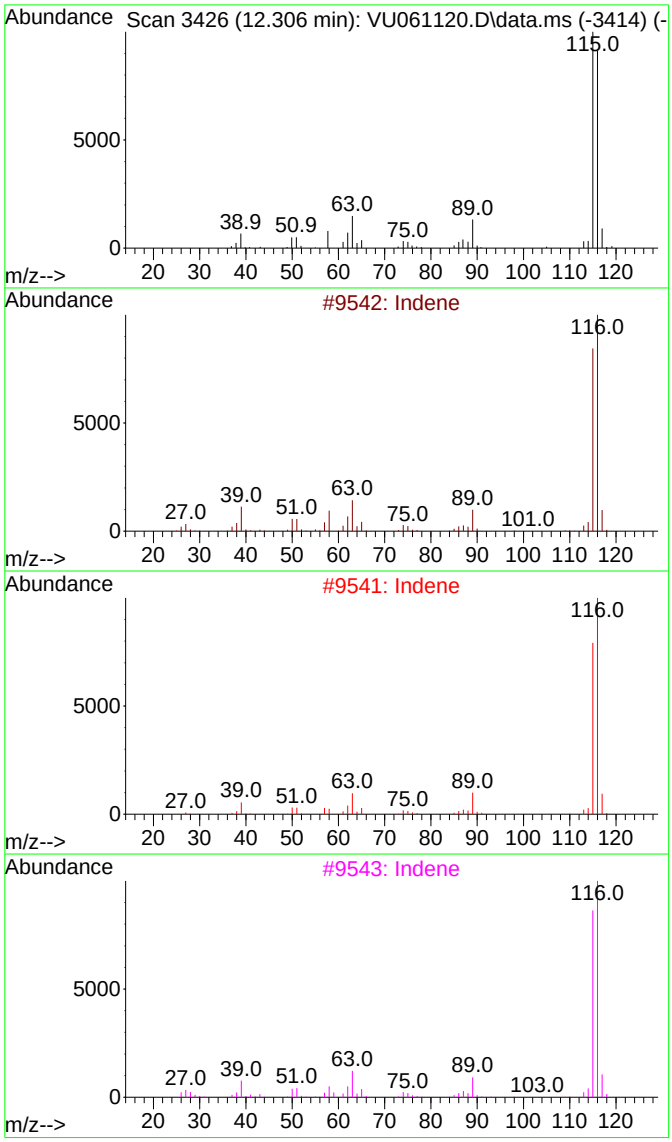
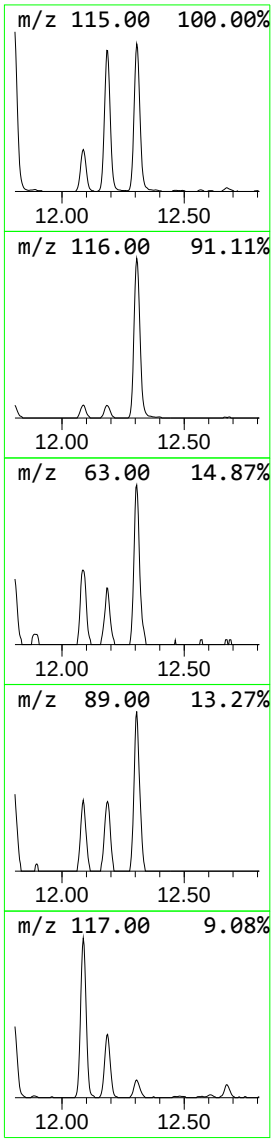
Peak Number 6 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.306	1.33 ug/L	121750	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	96
2	Indene	116	C9H8	000095-13-6	94
3	Indene	116	C9H8	000095-13-6	94
4	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E27G7DL

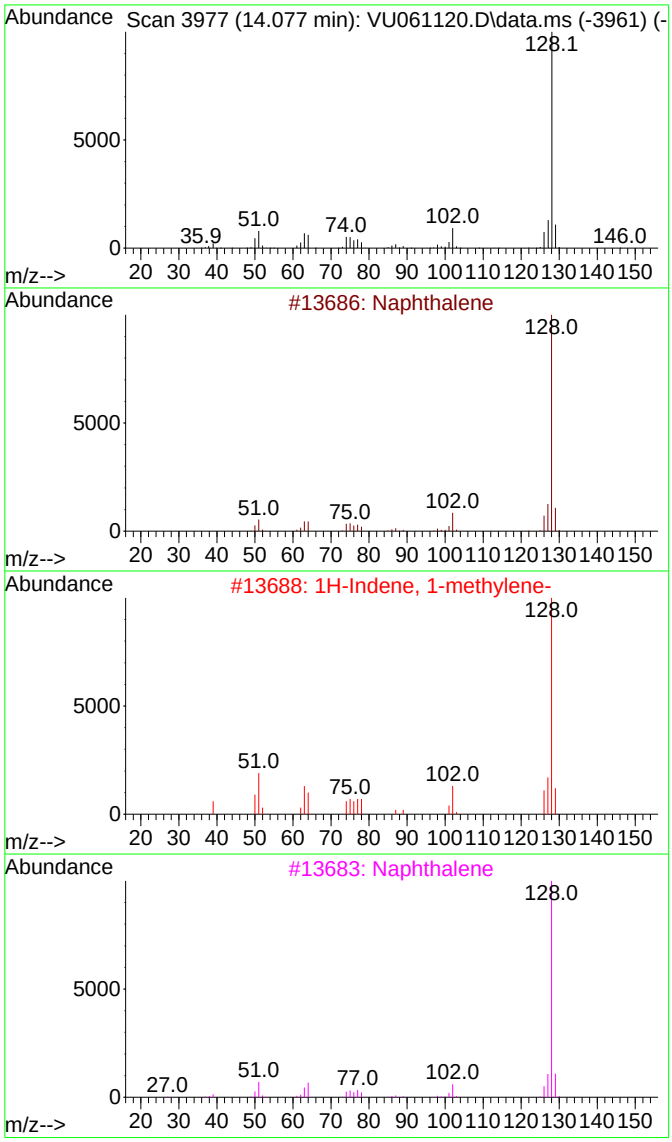
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
Quant Title : TRACE VOA SFAM1.0

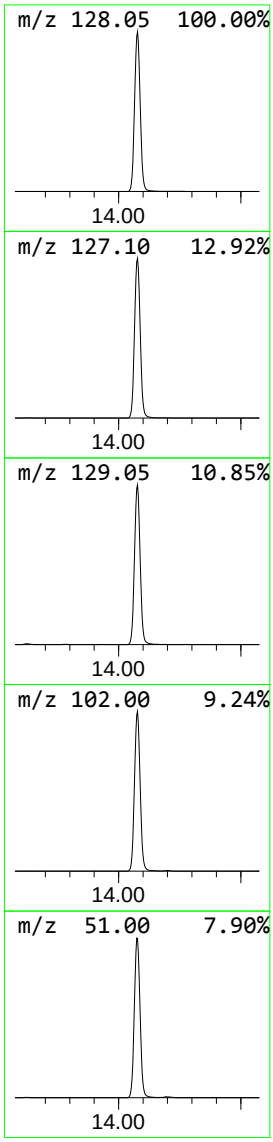
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Indene, 1-methylene- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.077	37.25 ug/L	3407180	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	95
3	Naphthalene	128	C10H8	000091-20-3	94
4	Azulene	128	C10H8	000275-51-4	94
5	Azulene	128	C10H8	000275-51-4	91





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ClientSampleId :
E27G7DL

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

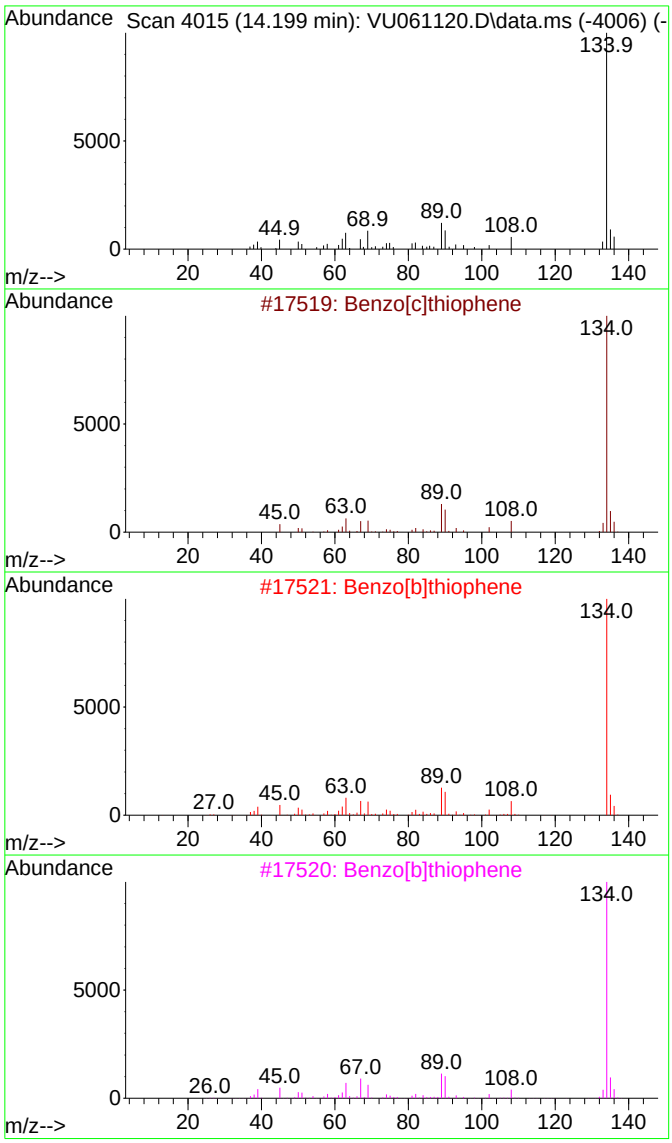
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

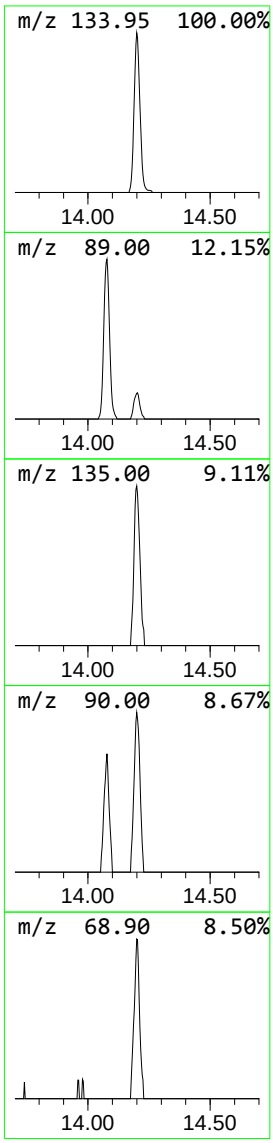
****

Peak Number 8 Benzo[c]thiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.200	0.52 ug/L	47588	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	94
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
5	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	90





Tentatively Identified Compound (LSC) summary

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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...	1.358	0.6	ug/L	45800	1	6.242	375630	5.0
Sulfur dioxide	1.531	0.6	ug/L	46713	1	6.242	375630	5.0
(DEL) Alkane: S...	2.197	0.5	ug/L	39713	1	6.242	375630	5.0
Indane	12.087	1.3	ug/L	120472	3	11.804	457284	5.0
Indene	12.306	1.3	ug/L	121750	3	11.804	457284	5.0
1H-Indene, 1-me...	14.077	37.3	ug/L	3407180	3	11.804	457284	5.0
Benzo[c]thiophene	14.200	0.5	ug/L	47588	3	11.804	457284	5.0