LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111424\
Data File : VU061666.D
Acq On : 14 Nov 2024 12:54
Operator : MD/SY
Sample : P4761-17
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AN2

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\SFAMUTR111324WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU061666.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	15	21	26	rBV	53486	54387	6.07%	0.651%
2	1.390	26	31	45	rVB	65216	66004	7.37%	0.789%
3	1.525	62	73	83	rBV	46884	135557	15.14%	1.621%
4	1.592	84	94	109	rVB2	110633	238423	26.62%	2.852%
5	1.911	185	193	205	rVB	62902	83674	9.34%	1.001%
6	2.374	332	337	359	rVB2	19682	38394	4.29%	0.459%
7	2.560	383	395	410	rBV	137653	222437	24.84%	2.661%
8	4.650	1029	1045	1089	rBV	66084	229090	25.58%	2.740%
9	5.052	1155	1170	1208	rBV	117910	280716	31.34%	3.358%
10	5.714	1358	1376	1410	rBV2	246109	690988	77.15%	8.265%
11	6.242	1527	1540	1568	rBV	238757	460065	51.37%	5.503%
12	6.682	1662	1677	1692	rBV	144407	288744	32.24%	3.454%
13	6.753	1695	1699	1711	rVB4	8943	14365	1.60%	0.172%
14	7.560	1937	1950	1966	rBV2	69075	130849	14.61%	1.565%
15	7.888	2028	2052	2073	rBV	313444	583224	65.12%	6.976%
16	8.029	2086	2096	2108	rVB3	12398	22646	2.53%	0.271%
17	8.174	2130	2141	2150	rBV2	39235	67834	7.57%	0.811%
18	8.235	2151	2160	2175	rVB3	28390	53564	5.98%	0.641%
19	8.361	2186	2199	2212	rBV3	27299	49846	5.57%	0.596%
20	8.627	2271	2282	2324	rBV	296506	606627	67.73%	7.256%
21	8.801	2324	2336	2347	rVV2	25699	49008	5.47%	0.586%
22	9.409	2513	2525	2528	rBV	359722	517528	57.79%	6.190%
23	9.438	2529	2534	2548	rVB	555199	895609	100.00%	10.713%
24	9.679	2597	2609	2626	rVB5	28092	59786	6.68%	0.715%
25	10.058	2720	2727	2735	rVV3	11736	20179	2.25%	0.241%
26	10.746	2930	2941	2955	rVV	113686	184735	20.63%	2.210%
27	11.132	3051	3061	3071	rBV7	9578	15443	1.72%	0.185%
28	11.412	3137	3148	3158	rVB3	7328	11836	1.32%	0.142%
29	11.598	3194	3206	3212	rBV3	6933	12204	1.36%	0.146%
30	11.634	3213	3217	3229	rVB3	6101	9266	1.03%	0.111%
31	11.804	3258	3270	3296	rBV	333272	608089	67.90%	7.274%
32	12.084	3345	3357	3373	rBV	283181	449136	50.15%	5.372%
33	12.184	3376	3388	3410	rVV	287053	502286	56.08%	6.008%
34	12.296	3414	3423	3434	rVB6	6600	11207	1.25%	0.134%
35	12.611	3512	3521	3532	rVB7	11366	21889	2.44%	0.262%
36	12.675	3532	3541	3559	rVB4	19181	35002	3.91%	0.419%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111424\
Data File : VU061666.D
Acq On : 14 Nov 2024 12:54
Operator : MD/SY
Sample : P4761-17
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AN2

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\SFAMUTR111324WMA.M
Title : TRACE VOA SFAM1.0

37	12.852	3590	3596	3607	rVB4	9216	13611	1.52%	0.163%
38	12.926	3610	3619	3626	rBV5	9312	16042	1.79%	0.192%
39	12.965	3626	3631	3641	rVB2	6774	10374	1.16%	0.124%
40	13.029	3642	3651	3660	rBV6	5743	11567	1.29%	0.138%
41	13.106	3669	3675	3686	rVB4	6817	10416	1.16%	0.125%
42	13.286	3723	3731	3738	rBV2	13929	20082	2.24%	0.240%
43	13.447	3770	3781	3794	rVB6	23653	40774	4.55%	0.488%
44	13.624	3827	3836	3849	rVB10	6650	13547	1.51%	0.162%
45	13.833	3892	3901	3908	rBV9	6085	10769	1.20%	0.129%
46	13.933	3927	3932	3945	rVB5	9491	16657	1.86%	0.199%
47	14.090	3974	3981	4001	rVB3	7640	18654	2.08%	0.223%
48	14.280	4021	4040	4049	rBV8	5213	13354	1.49%	0.160%
49	15.261	4336	4345	4355	rVB4	7986	12616	1.41%	0.151%
50	15.412	4379	4392	4405	rBV4	10359	19895	2.22%	0.238%
51	16.878	4836	4848	4871	rBV	270138	411320	45.93%	4.920%

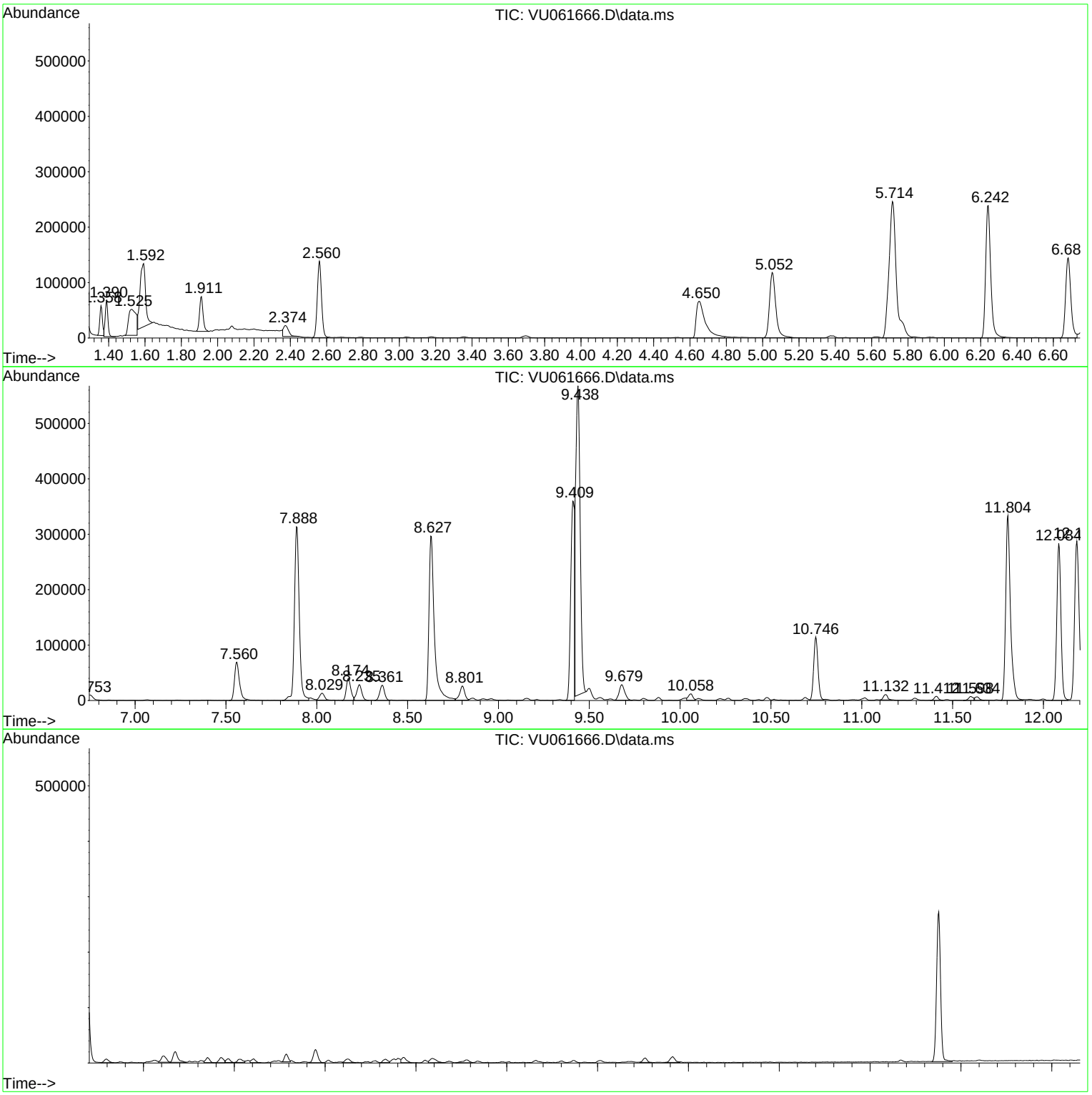
Sum of corrected areas: 8360315

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111424\
Data File : VU061666.D
Acq On : 14 Nov 2024 12:54
Operator : MD/SY
Sample : P4761-17
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AN2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.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\VU111424\
Data File : VU061666.D
Acq On : 14 Nov 2024 12:54
Operator : MD/SY
Sample : P4761-17
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AN2

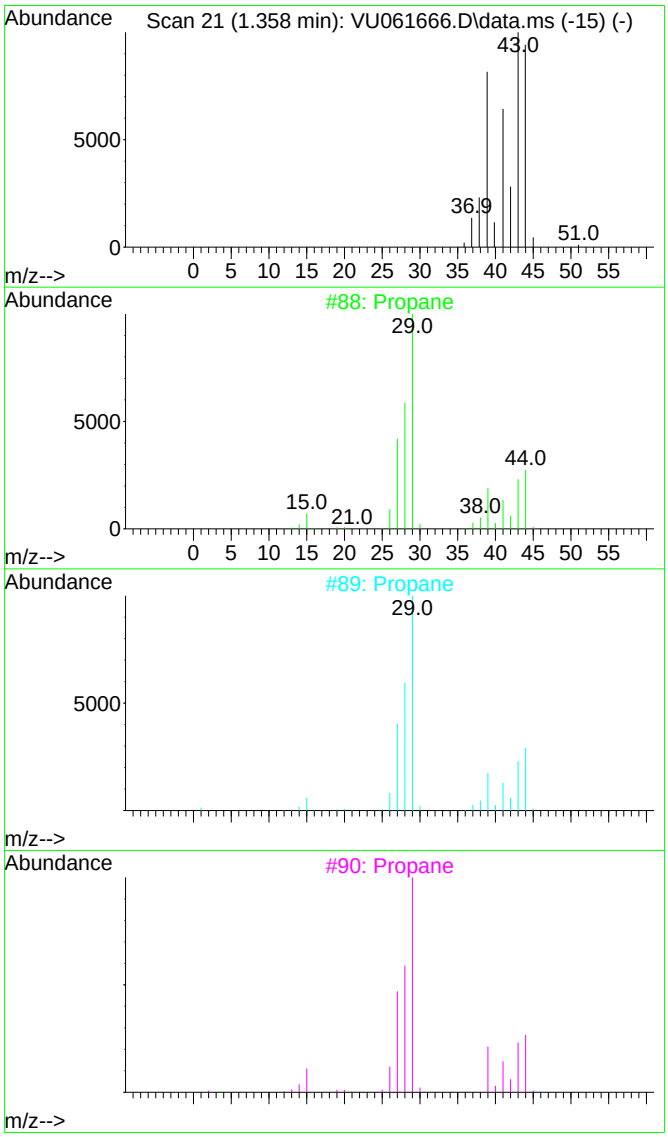
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

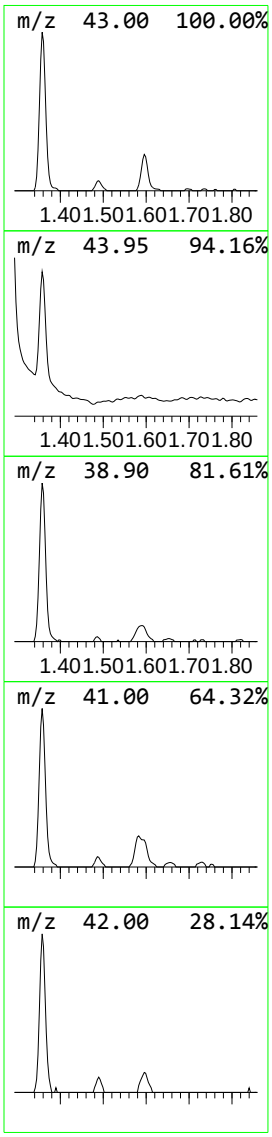
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.358	0.59 ug/L	54387	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane	44	C3H8	000074-98-6	90
2	Propane	44	C3H8	000074-98-6	56
3	Propane	44	C3H8	000074-98-6	9
4	Propene	42	C3H6	000115-07-1	9
5	Ethylene oxide	44	C2H4O	000075-21-8	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111424\
Data File : VU061666.D
Acq On : 14 Nov 2024 12:54
Operator : MD/SY
Sample : P4761-17
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AN2

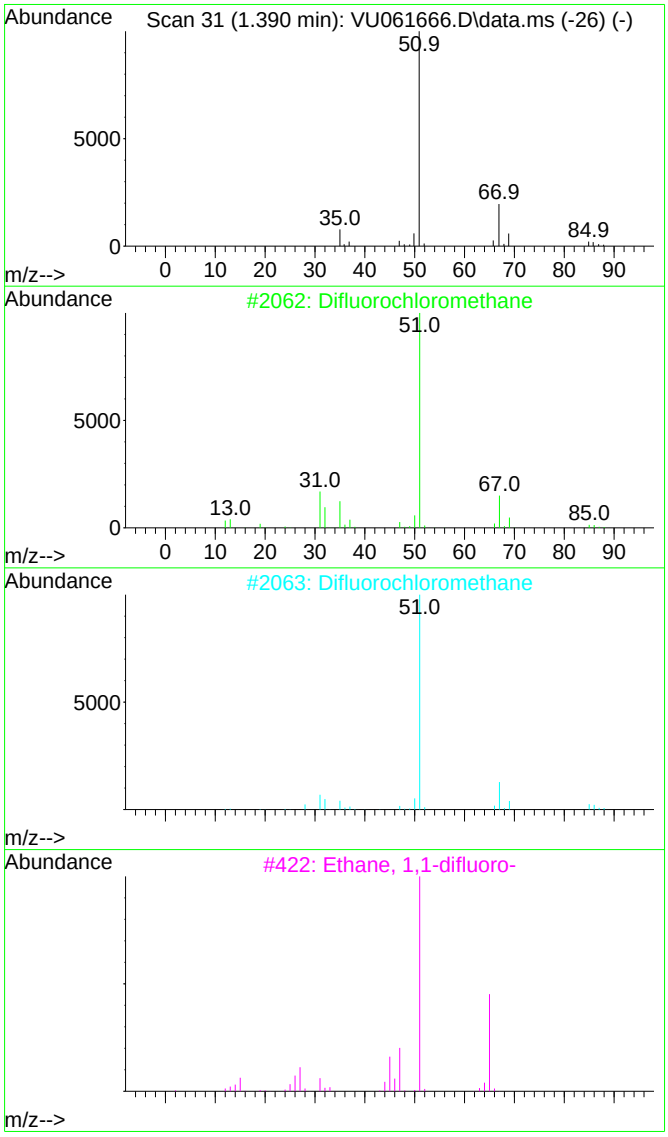
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

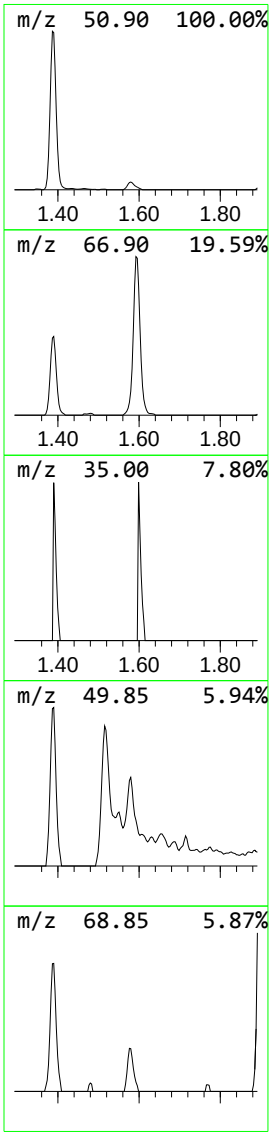
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Difluorochloromethane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.390	0.72 ug/L	66004	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Difluorochloromethane	86	CHClF2	000075-45-6	91
2	Difluorochloromethane	86	CHClF2	000075-45-6	91
3	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	7
4	Propiolonitrile	51	C3HN	001070-71-9	4
5	2-p-Nitrobenzoyl-1,3,5-tribenzyl...	569	C33H31NO8	1000129-85-6	1





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111424\
Data File : VU061666.D
Acq On : 14 Nov 2024 12:54
Operator : MD/SY
Sample : P4761-17
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AN2

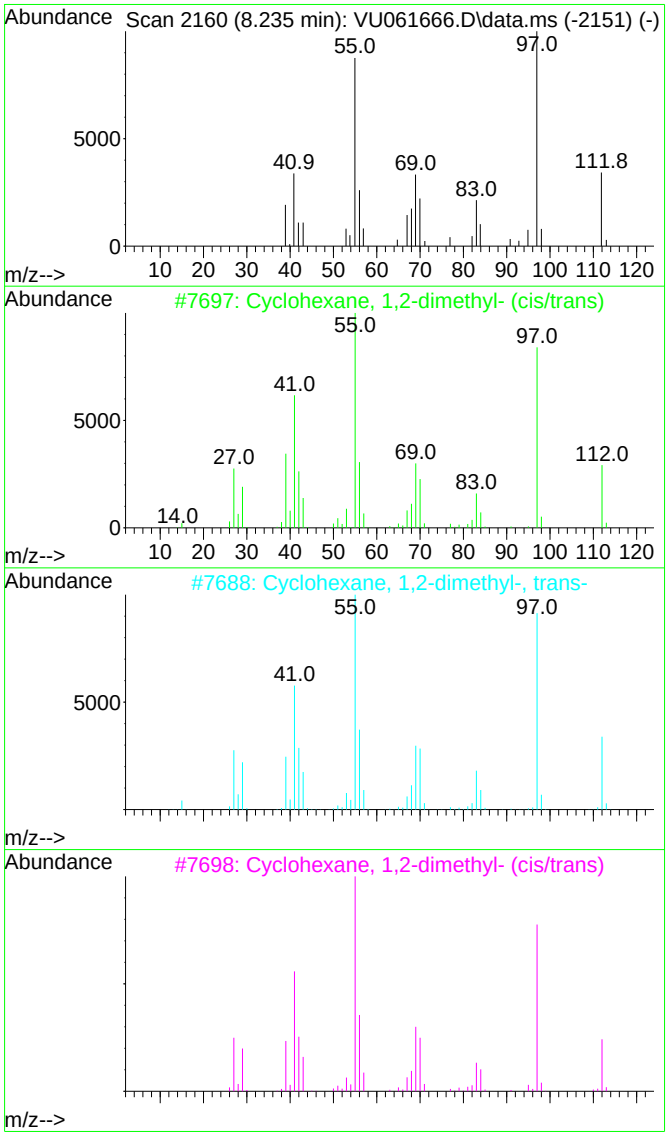
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

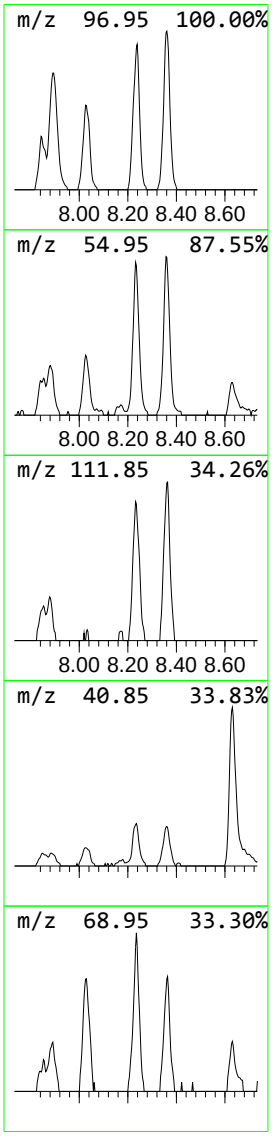
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic8.235 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.235	0.52 ug/L	53564	Chlorobenzene-d5	9.409

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	94
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94
3	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91
4	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111424\
Data File : VU061666.D
Acq On : 14 Nov 2024 12:54
Operator : MD/SY
Sample : P4761-17
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AN2

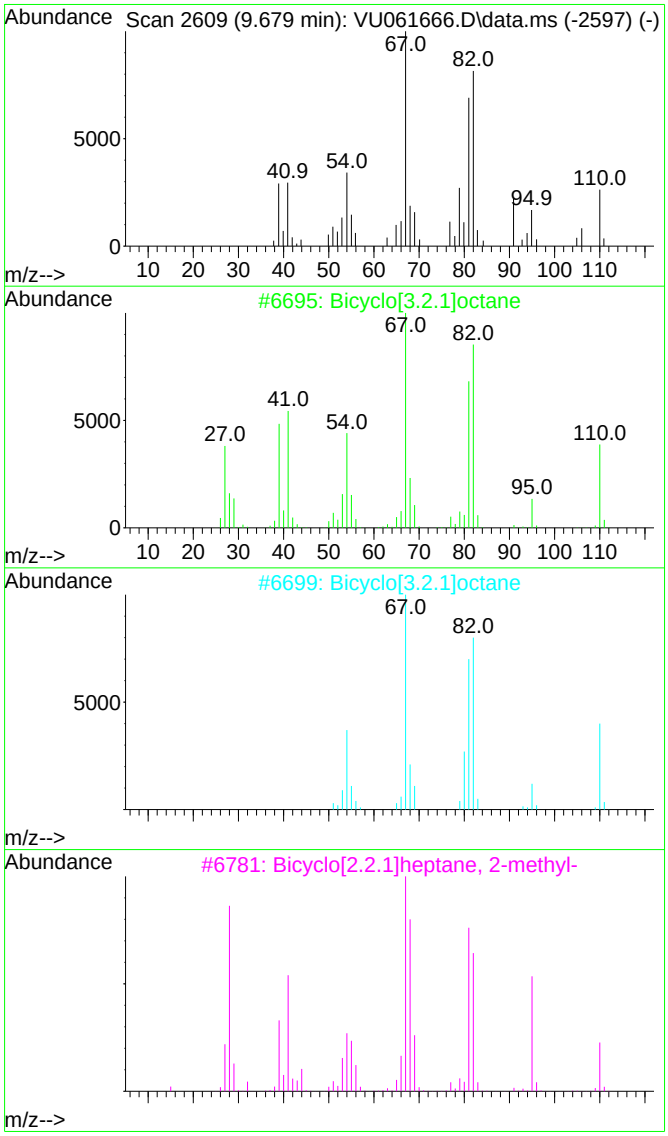
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

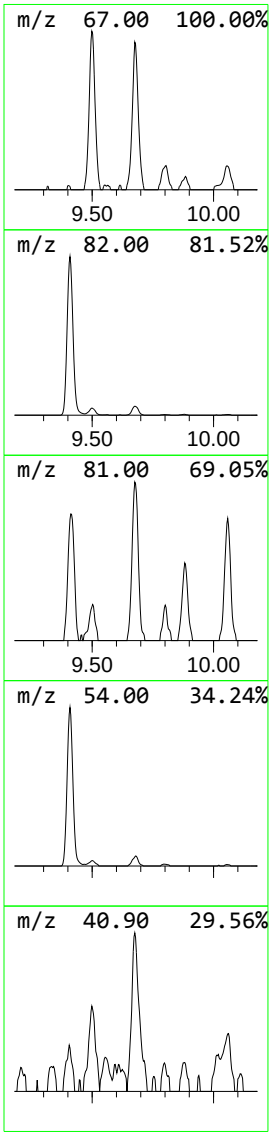
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Bicyclo[3.2.1]octane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.679	0.58 ug/L	59786	Chlorobenzene-d5	9.409

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	87
2	Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	83
3	Bicyclo[2.2.1]heptane, 2-methyl-	110	C8H14	015185-11-2	72
4	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	72
5	Bicyclo[2.2.2]octane	110	C8H14	000280-33-1	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111424\
Data File : VU061666.D
Acq On : 14 Nov 2024 12:54
Operator : MD/SY
Sample : P4761-17
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AN2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

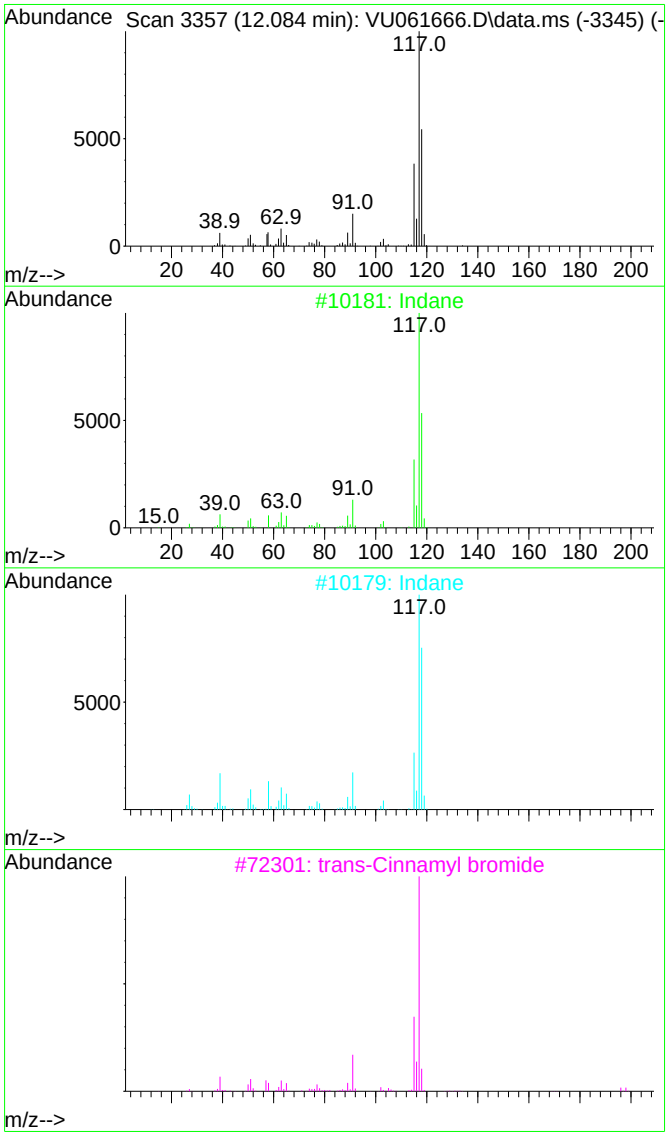
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

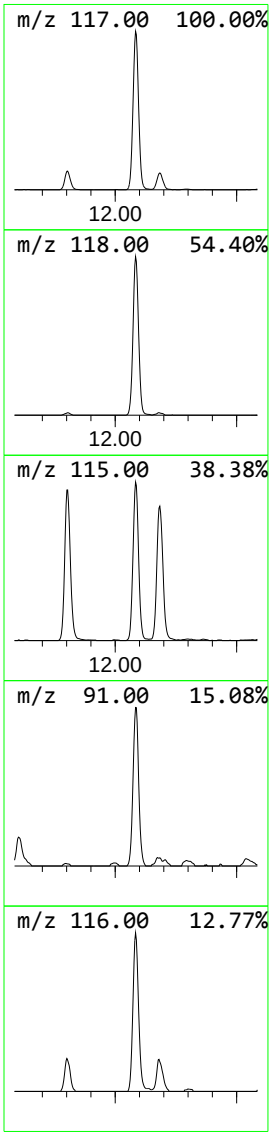
****

Peak Number 7 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.084	3.69 ug/L	449136	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Indane	118	C9H10	000496-11-7	89
3	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	72
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	68
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111424\
Data File : VU061666.D
Acq On : 14 Nov 2024 12:54
Operator : MD/SY
Sample : P4761-17
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AN2

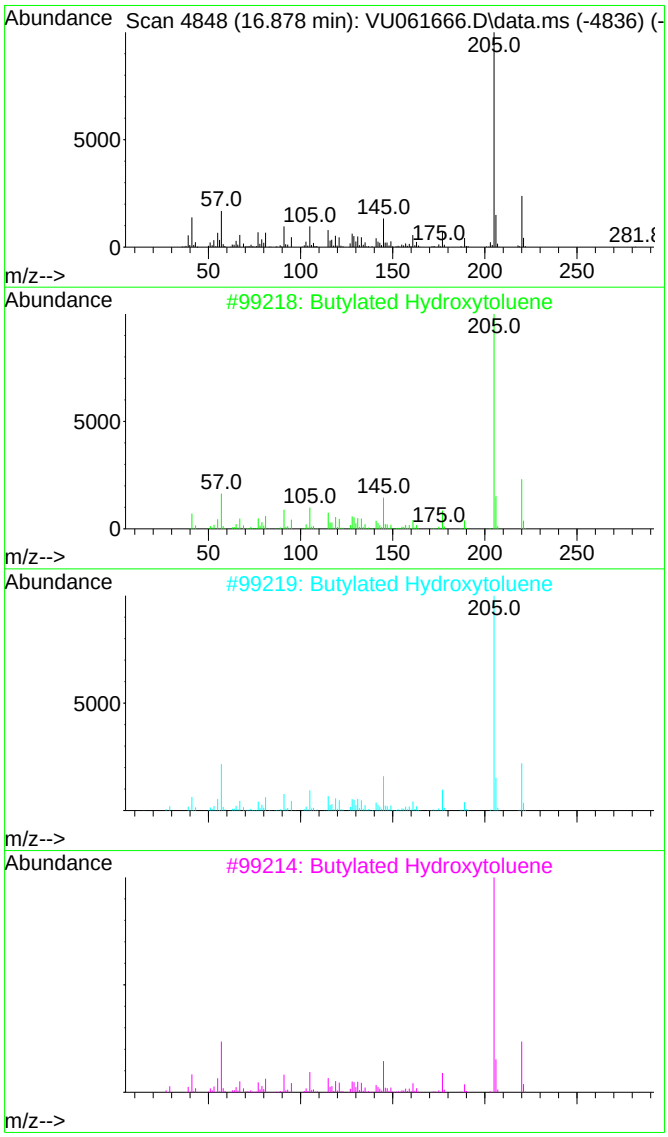
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

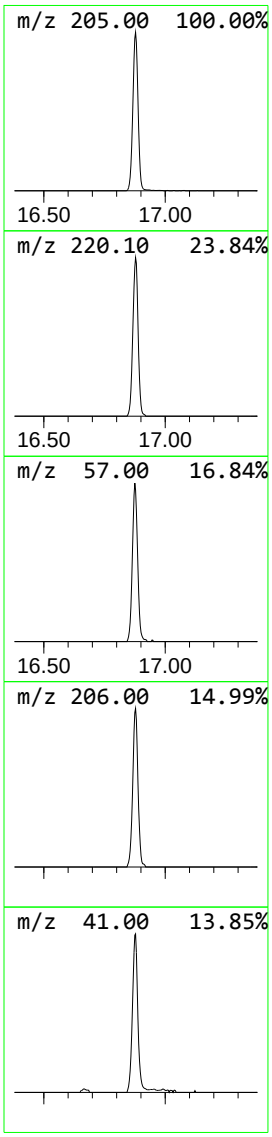
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Butylated Hydroxytoluene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.878	3.38 ug/L	411320	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	99
2	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	99
3	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	98
4	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	97
5	Ethyl 4-oxo-2-phenylpentanoate	220	C13H16O3	1000427-11-2	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111424\
Data File : VU061666.D
Acq On : 14 Nov 2024 12:54
Operator : MD/SY
Sample : P4761-17
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AN2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.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	54387	1	6.242	460065	5.0
Difluorochlorom...	1.390	0.7	ug/L	66004	1	6.242	460065	5.0
(DEL) Alkane: C...	8.235	0.5	ug/L	53564	2	9.409	517528	5.0
Bicyclo[3.2.1]o...	9.679	0.6	ug/L	59786	2	9.409	517528	5.0
Indane	12.084	3.7	ug/L	449136	3	11.804	608089	5.0
Butylated Hydro...	16.878	3.4	ug/L	411320	3	11.804	608089	5.0