LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047388.D
Acq On : 08 Mar 2022 13:53
Operator : SY/MD
Sample : N1810-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GBDA7

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\SFAMUTR030422WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU047388.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.604	72	82	91	rBV	1085650	1236664	1.50%	0.309%
2	1.999	192	205	232	rBV	40062389	52987490	64.46%	13.245%
3	2.208	261	270	294	rVB	6876238	9862074	12.00%	2.465%
4	2.324	294	306	318	rBV	943600	1339448	1.63%	0.335%
5	2.472	344	352	370	rVB	839530	1314935	1.60%	0.329%
6	2.604	370	393	424	rBV	2166596	4342453	5.28%	1.085%
7	3.051	519	532	537	rVV	2323620	4791549	5.83%	1.198%
8	3.089	538	544	553	rVV	2930843	5670188	6.90%	1.417%
9	3.144	553	561	596	rVB2	1842023	4336910	5.28%	1.084%
10	3.369	610	631	666	rVB	3007220	6664497	8.11%	1.666%
11	3.581	679	697	718	rBV2	535274	1239569	1.51%	0.310%
12	3.706	719	736	758	rVB	462322	1025270	1.25%	0.256%
13	3.838	758	777	789	rBV2	436473	1049611	1.28%	0.262%
14	3.922	789	803	812	rVV	566165	1317590	1.60%	0.329%
15	3.983	812	822	840	rVB	942586	2234244	2.72%	0.558%
16	4.095	840	857	871	rBV	676139	1708286	2.08%	0.427%
17	4.192	871	887	900	rBV4	461383	1344625	1.64%	0.336%
18	4.340	919	933	951	rVB	959901	2256272	2.74%	0.564%
19	4.539	976	995	1010	rBV	4300294	10275819	12.50%	2.569%
20	4.620	1010	1020	1073	rVB2	385596	1142187	1.39%	0.286%
21	5.182	1184	1195	1211	rVB	1000196	2114308	2.57%	0.528%
22	5.394	1243	1261	1274	rBV	2226386	5175286	6.30%	1.294%
23	5.465	1274	1283	1308	rVB3	464530	1257578	1.53%	0.314%
24	5.777	1369	1380	1394	rVB	2197845	4380100	5.33%	1.095%
25	5.906	1411	1420	1434	rVB5	333691	880325	1.07%	0.220%
26	6.298	1533	1542	1551	rBV2	464446	899290	1.09%	0.225%
27	6.574	1608	1628	1643	rBV4	340897	822932	1.00%	0.206%
28	6.764	1672	1687	1702	rVB3	499263	1305277	1.59%	0.326%
29	7.398	1865	1884	1894	rBV	557183	1103558	1.34%	0.276%
30	7.973	2049	2063	2079	rBV	11468660	19082554	23.21%	4.770%
31	8.635	2248	2269	2285	rBV	483111	956198	1.16%	0.239%
32	9.574	2547	2561	2584	rVV	19620960	31280326	38.05%	7.819%
33	9.706	2584	2602	2630	rVB2	45726960	82208388	100.00%	20.549%
34	10.105	2693	2726	2755	rVB	13148897	20840328	25.35%	5.209%
35	10.484	2832	2844	2870	rVB	1208687	1880173	2.29%	0.470%
36	10.905	2961	2975	2991	rBV	3788764	5731127	6.97%	1.433%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047388.D
Acq On : 08 Mar 2022 13:53
Operator : SY/MD
Sample : N1810-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBDA7

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\SFAMUTR030422WMA.M
Title : TRACE VOA SFAM1.0

37	10.999	2991	3004	3022	rVV	10092449	21606262	26.28%	5.401%
38	11.089	3022	3032	3047	rVB	4609219	6914172	8.41%	1.728%
39	11.295	3081	3096	3121	rVB	5165375	7891395	9.60%	1.973%
40	11.471	3122	3151	3164	rBV	20119808	30490439	37.09%	7.621%
41	11.896	3269	3283	3294	rBV	4935501	7371867	8.97%	1.843%
42	12.095	3326	3345	3363	rBV	5575648	9168359	11.15%	2.292%
43	12.188	3363	3374	3392	rVB4	1305613	2392559	2.91%	0.598%
44	12.465	3448	3460	3466	rBV	697817	1142481	1.39%	0.286%
45	12.571	3481	3493	3500	rBV	935779	1410286	1.72%	0.353%
46	12.684	3516	3528	3545	rBV	1297940	2178360	2.65%	0.545%
47	12.973	3601	3618	3626	rBV	1160581	1728231	2.10%	0.432%
48	13.024	3626	3634	3650	rVB	1218630	1852252	2.25%	0.463%
49	13.294	3708	3718	3743	rVB	1145053	1776780	2.16%	0.444%
50	13.455	3756	3768	3779	rVB3	1898197	3160336	3.84%	0.790%
51	14.085	3947	3964	3989	rBV	2452485	3851081	4.68%	0.963%
52	15.220	4306	4317	4332	rVB	669172	1066240	1.30%	0.267%

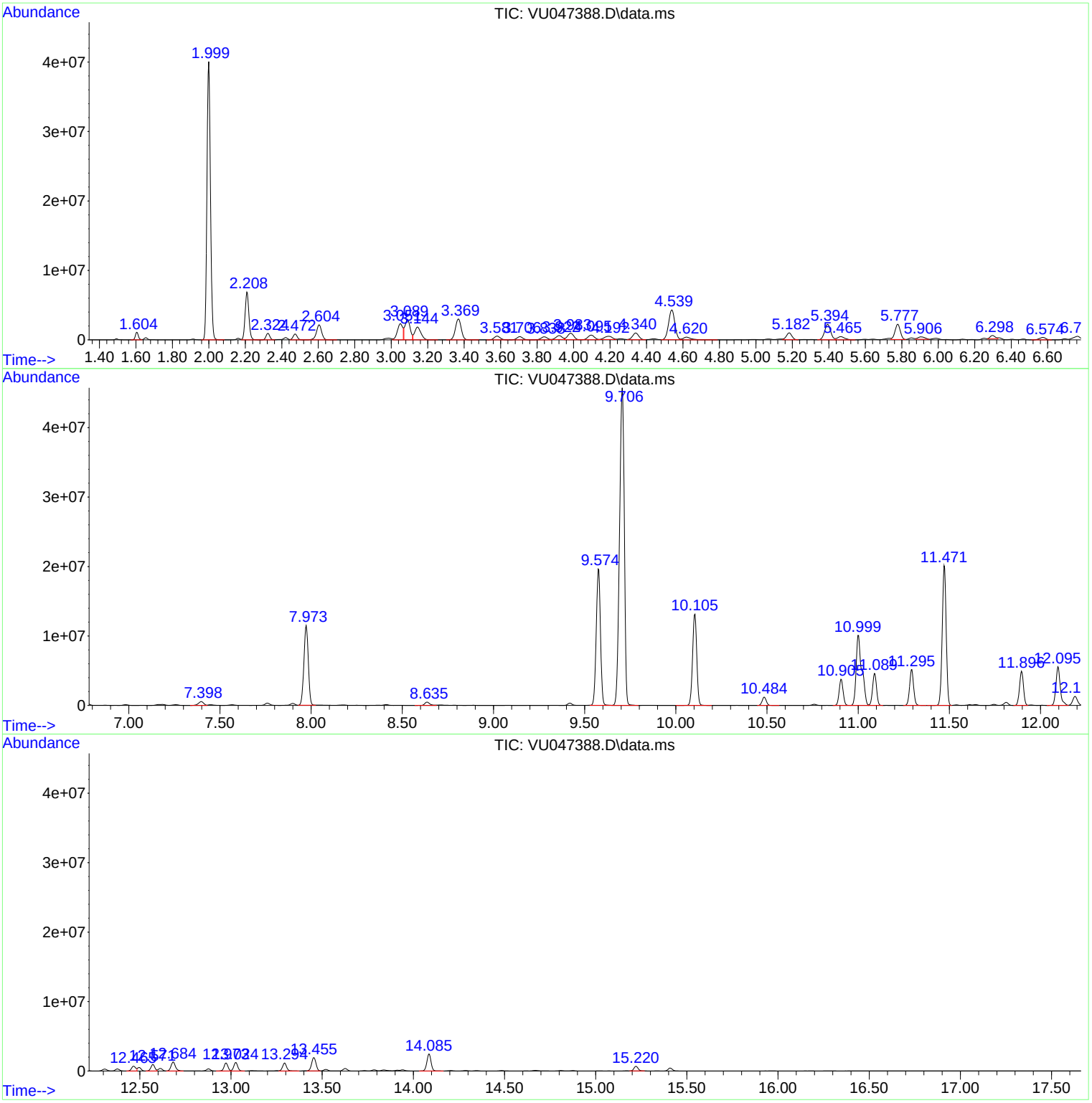
Sum of corrected areas: 400058529

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047388.D
Acq On : 08 Mar 2022 13:53
Operator : SY/MD
Sample : N1810-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBDA7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.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\VU030822\
Data File : VU047388.D
Acq On : 08 Mar 2022 13:53
Operator : SY/MD
Sample : N1810-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBDA7

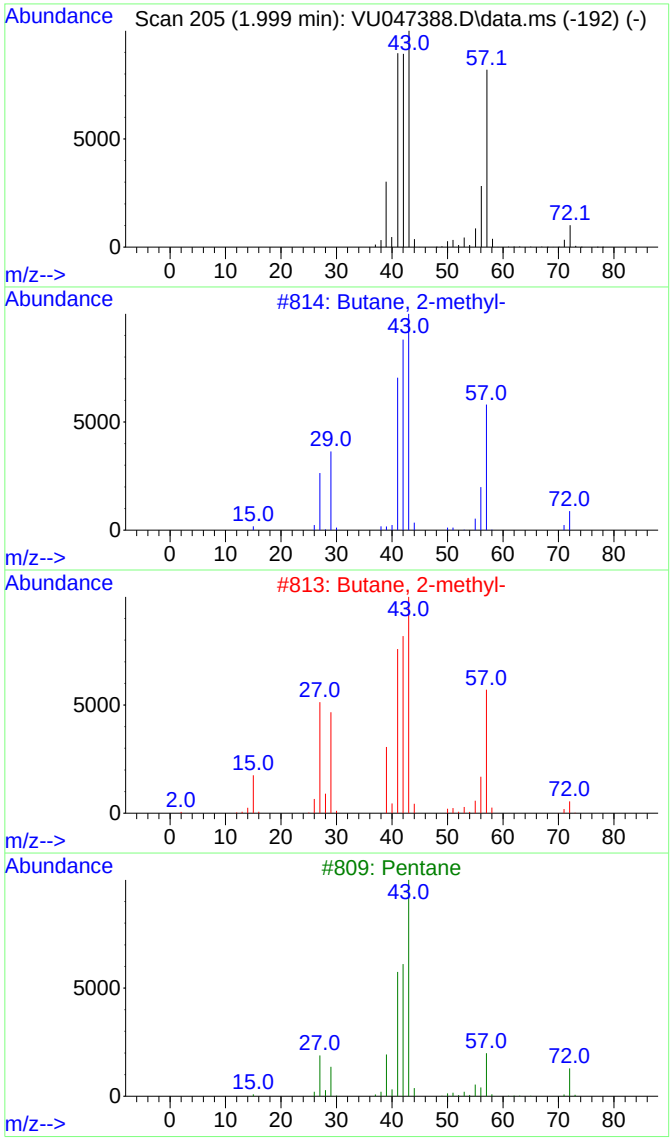
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

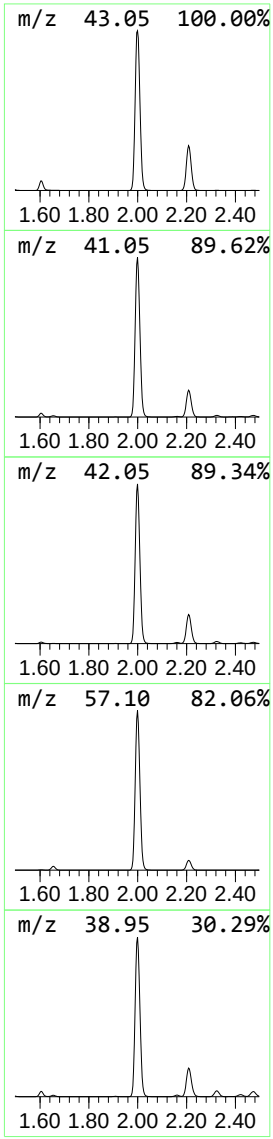
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.999	294.61 ug/L	52987500	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	Butane, 2-methyl-	72	C5H12	000078-78-4	86
3	Pentane	72	C5H12	000109-66-0	38
4	Oxirane, trimethyl-	86	C5H10O	005076-19-7	33
5	3-Buten-1-ol	72	C4H8O	000627-27-0	28





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047388.D
Acq On : 08 Mar 2022 13:53
Operator : SY/MD
Sample : N1810-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBDA7

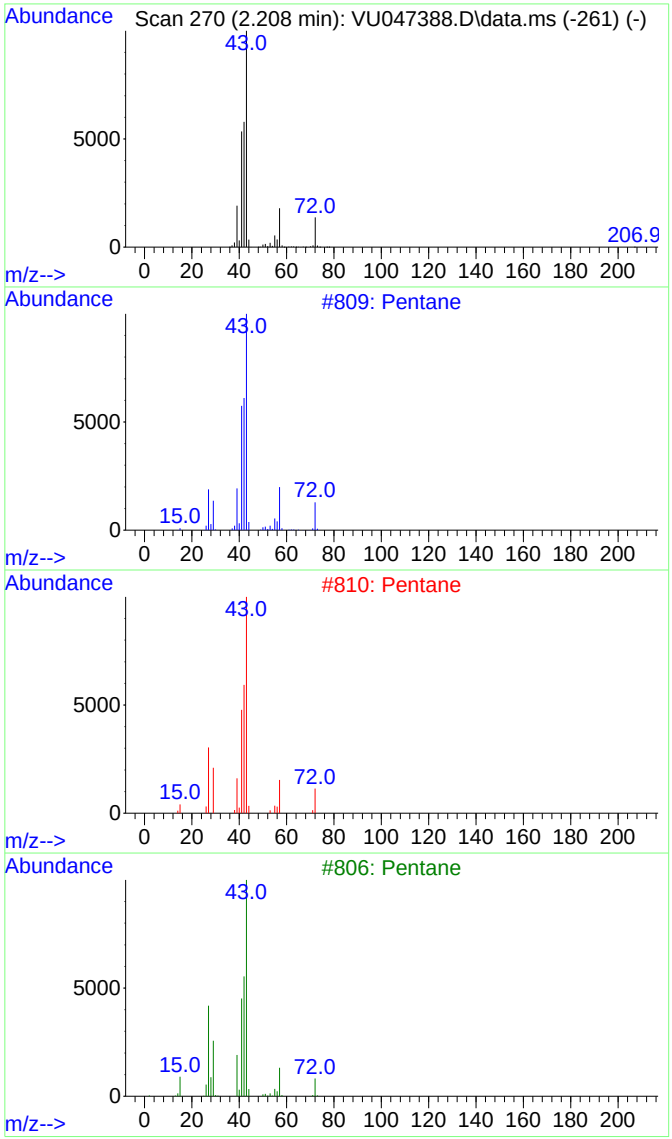
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

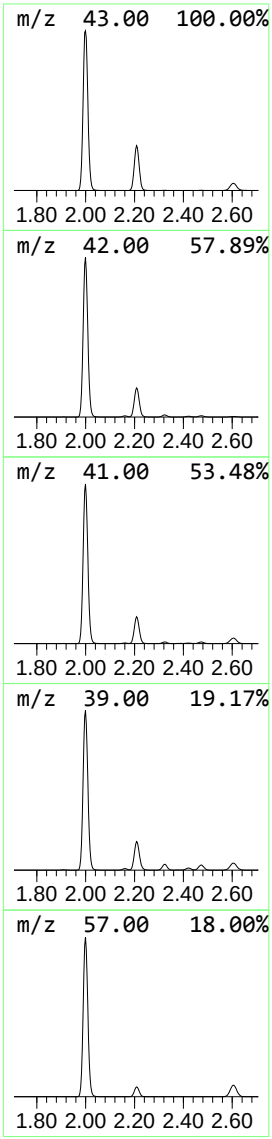
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.208	54.83 ug/L	9862070	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Pentane	72	C5H12	000109-66-0	90
3	Pentane	72	C5H12	000109-66-0	90
4	Pentane	72	C5H12	000109-66-0	90
5	Pentane	72	C5H12	000109-66-0	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047388.D
Acq On : 08 Mar 2022 13:53
Operator : SY/MD
Sample : N1810-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBDA7

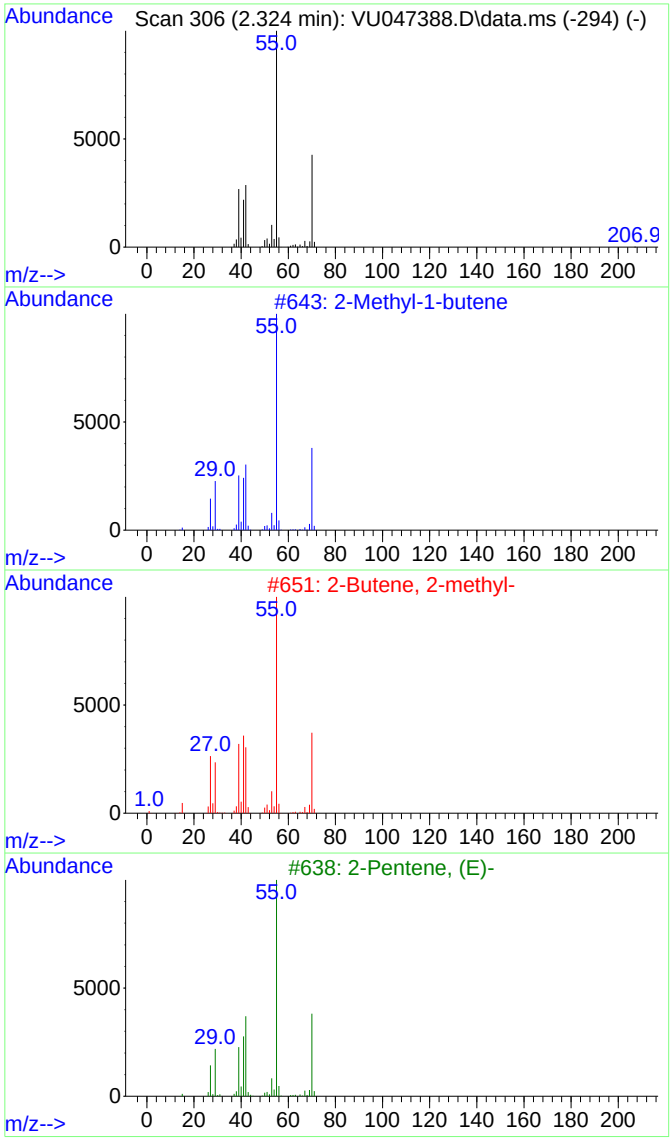
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

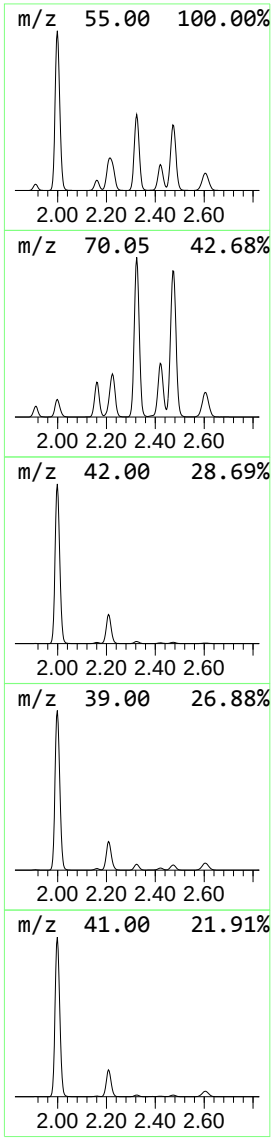
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.324	7.45 ug/L	1339450	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-1-butene	70	C5H10	000563-46-2	91
2	2-Butene, 2-methyl-	70	C5H10	000513-35-9	87
3	2-Pentene, (E)-	70	C5H10	000646-04-8	87
4	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	87
5	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047388.D
Acq On : 08 Mar 2022 13:53
Operator : SY/MD
Sample : N1810-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBDA7

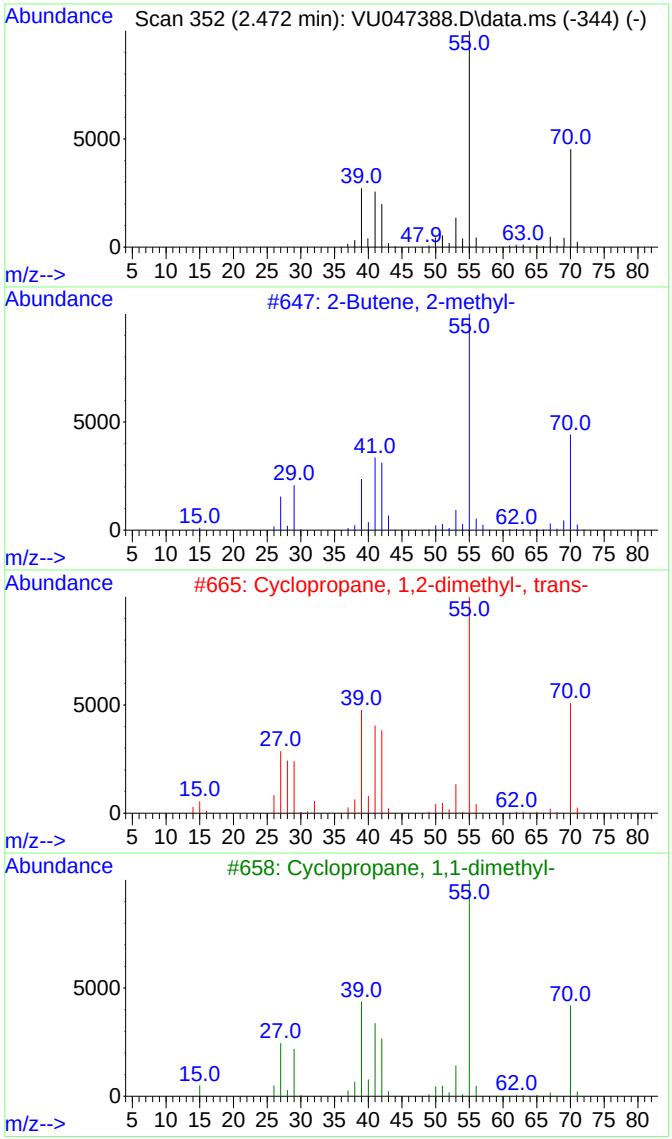
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

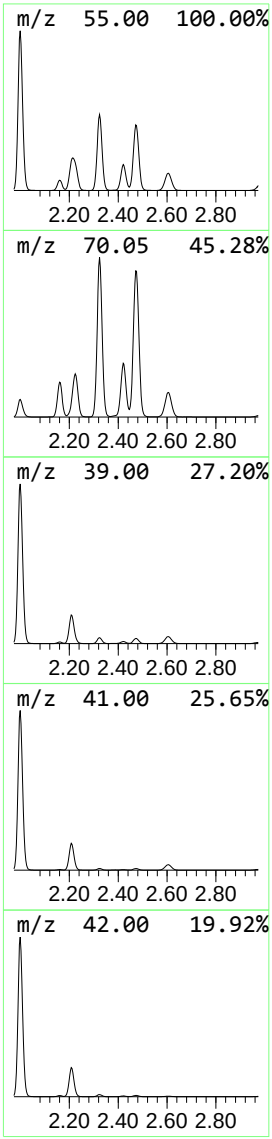
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.472	7.31 ug/L	1314940	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 2-methyl-	70	C5H10	000513-35-9	90
2	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	83
3	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	80
4	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	80
5	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047388.D
Acq On : 08 Mar 2022 13:53
Operator : SY/MD
Sample : N1810-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBDA7

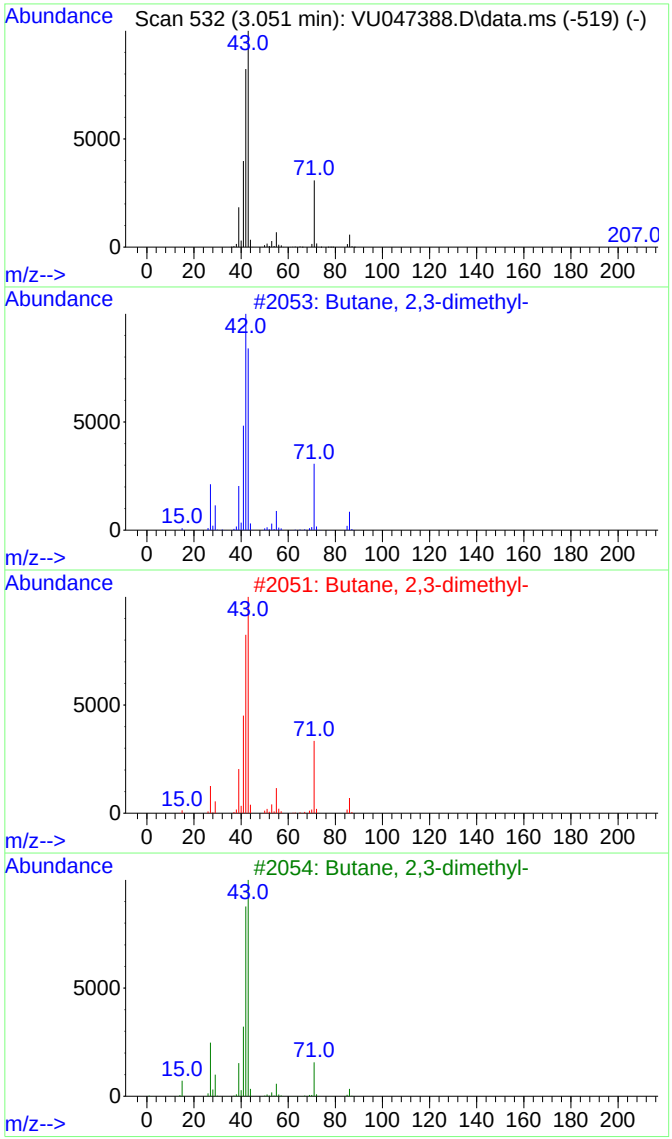
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

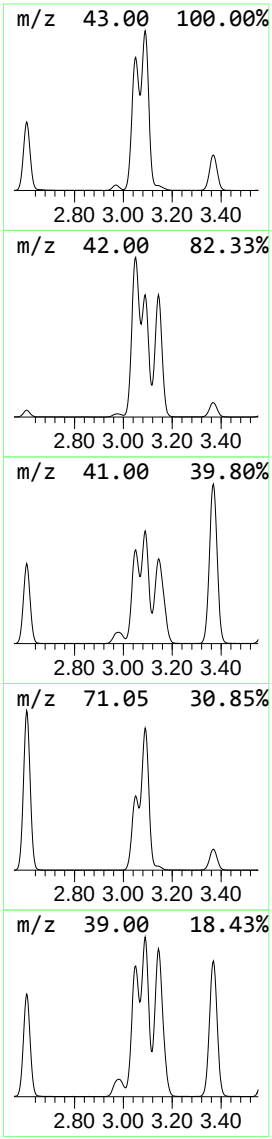
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.051	26.64 ug/L	4791550	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	72
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047388.D
Acq On : 08 Mar 2022 13:53
Operator : SY/MD
Sample : N1810-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBDA7

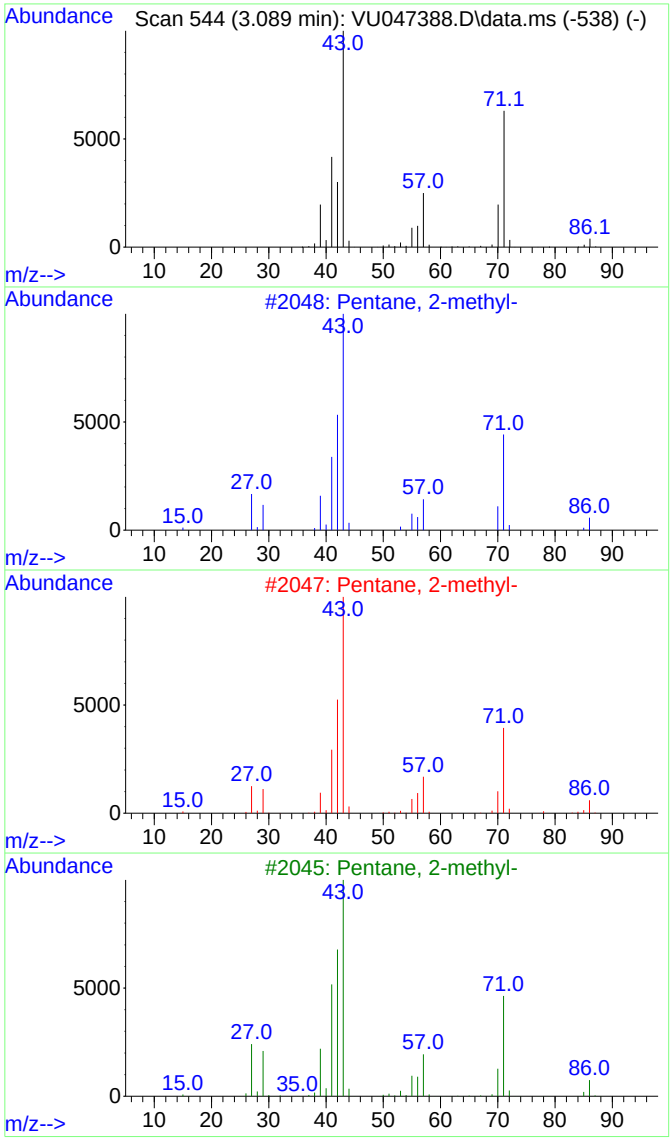
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

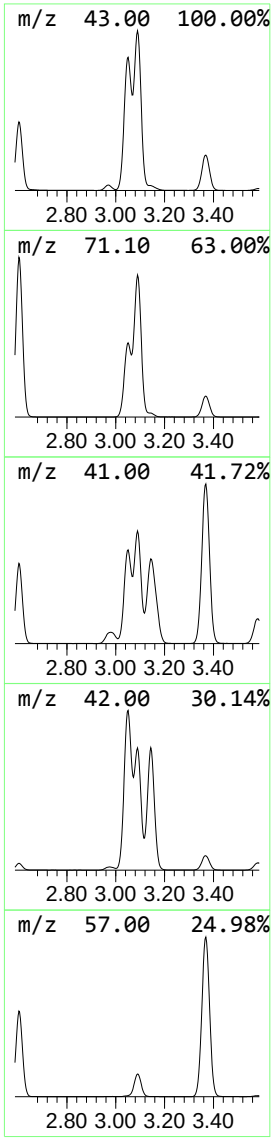
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.089	31.53 ug/L	5670190	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	72
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	58
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	53
4	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	45
5	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047388.D
Acq On : 08 Mar 2022 13:53
Operator : SY/MD
Sample : N1810-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBDA7

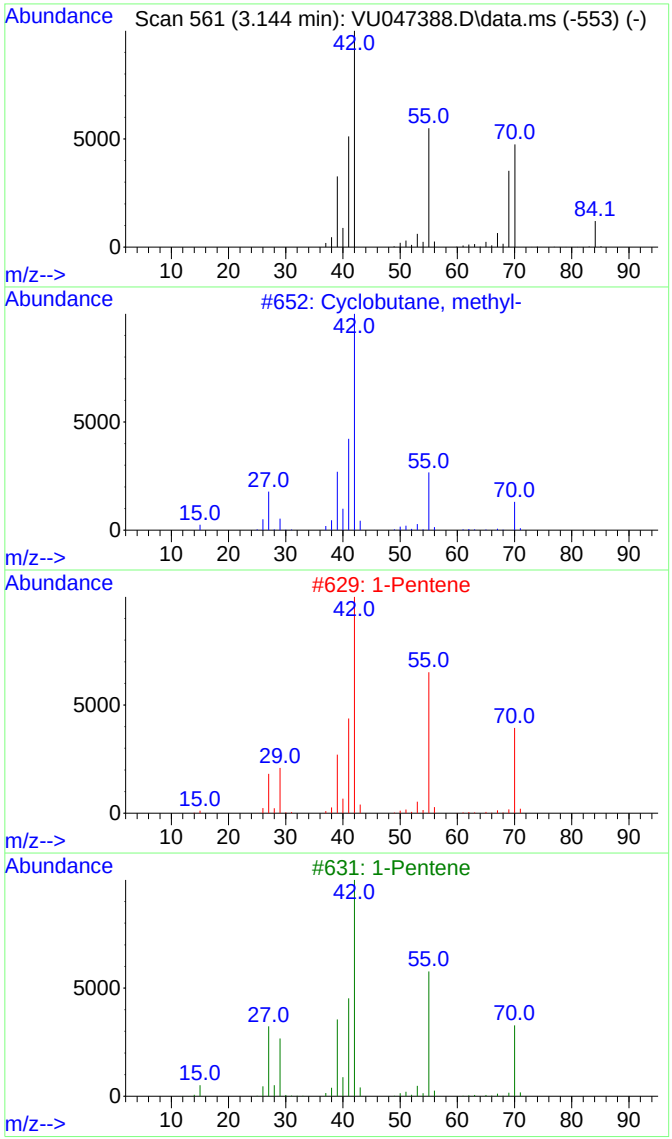
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

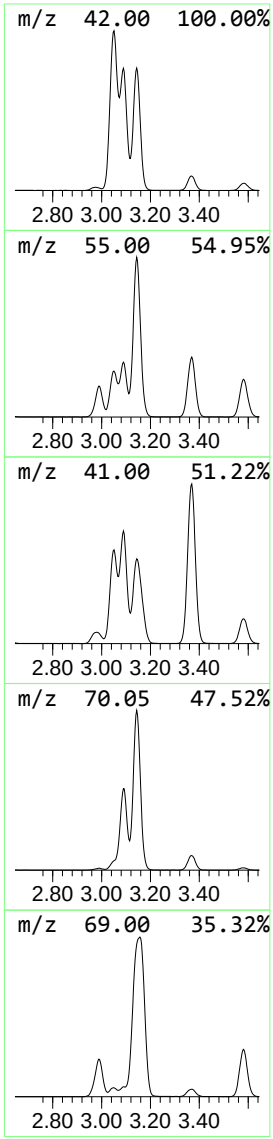
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic3.144 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.144	24.11 ug/L	4336910	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, methyl-	70	C5H10	000598-61-8	80
2	1-Pentene	70	C5H10	000109-67-1	80
3	1-Pentene	70	C5H10	000109-67-1	59
4	1-Pentene	70	C5H10	000109-67-1	50
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047388.D
Acq On : 08 Mar 2022 13:53
Operator : SY/MD
Sample : N1810-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBDA7

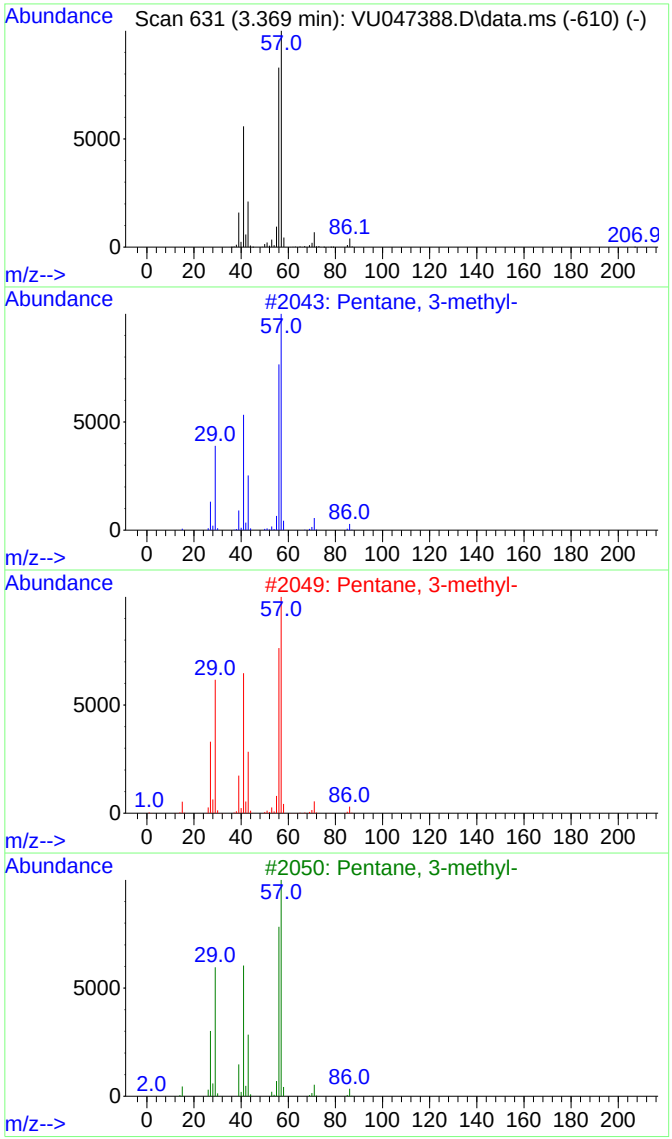
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

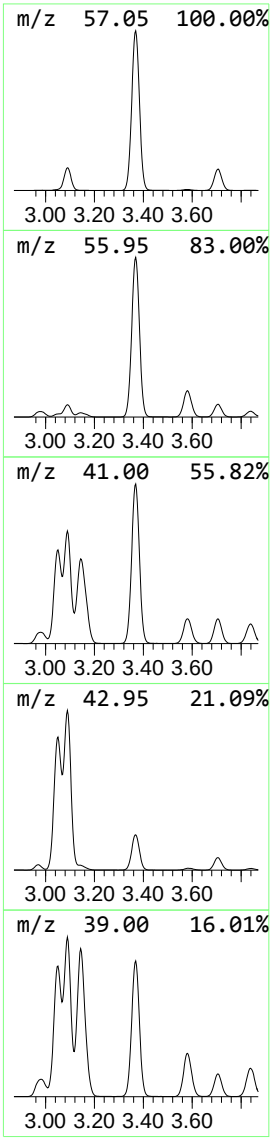
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.369	37.05 ug/L	6664500	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047388.D
Acq On : 08 Mar 2022 13:53
Operator : SY/MD
Sample : N1810-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBDA7

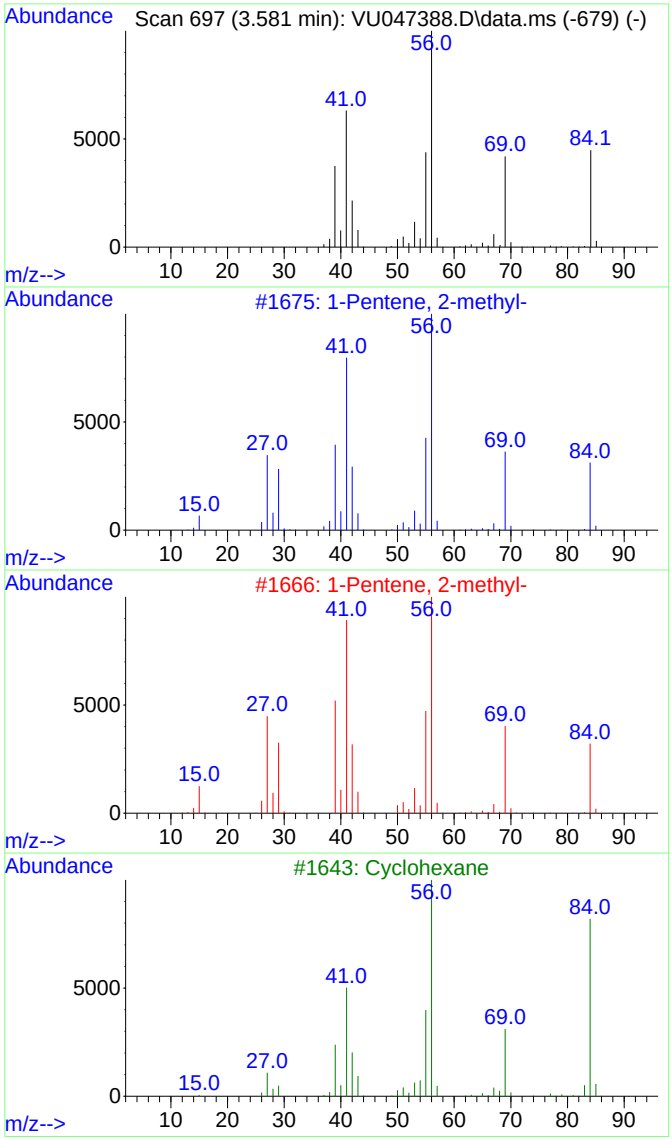
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

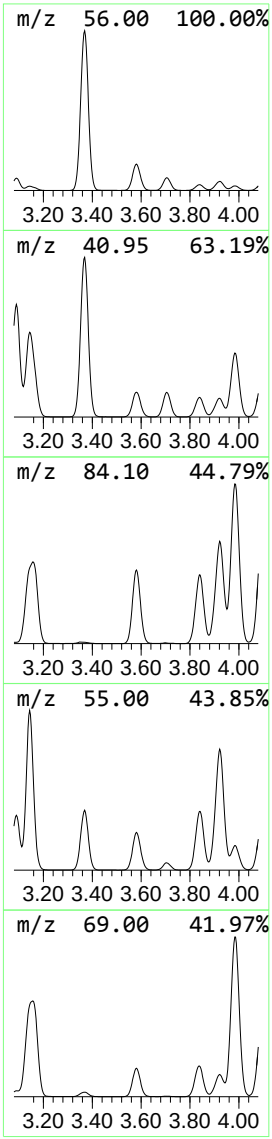
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.581	6.89 ug/L	1239570	1,4-Difluorobenzene	6.250

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	91
3	Cyclohexane	84	C6H12	000110-82-7	90
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
5	1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047388.D
Acq On : 08 Mar 2022 13:53
Operator : SY/MD
Sample : N1810-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBDA7

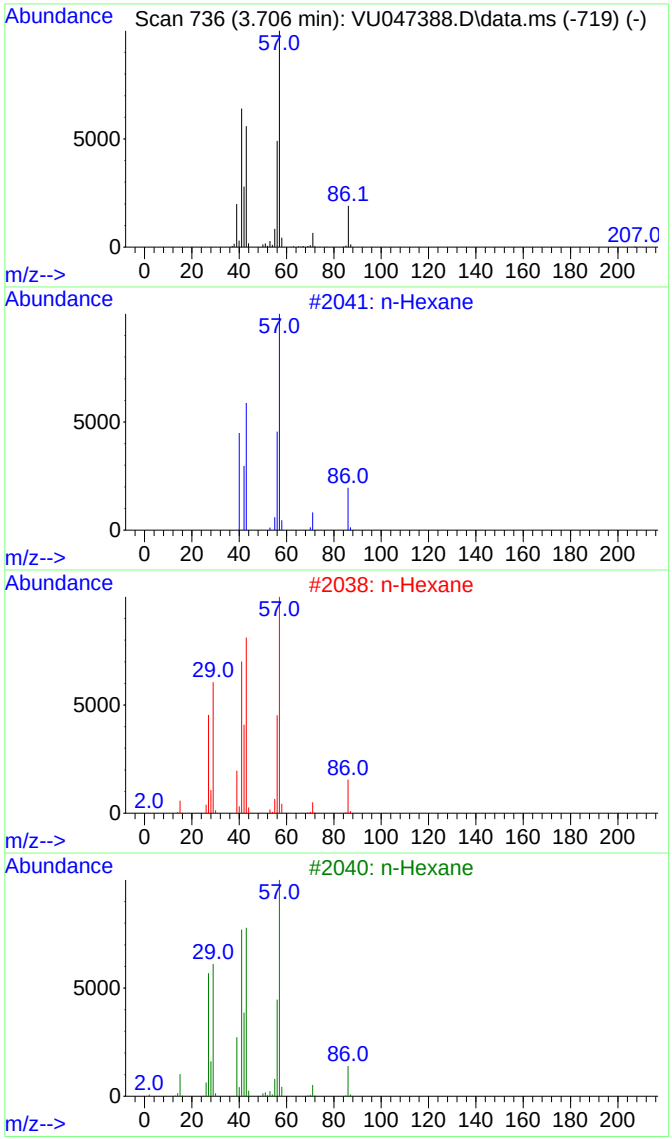
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

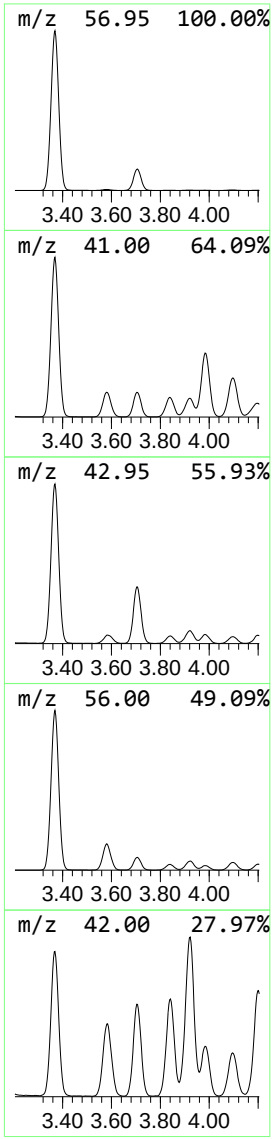
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.706	5.70 ug/L	1025270	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	86
2	n-Hexane	86	C6H14	000110-54-3	78
3	n-Hexane	86	C6H14	000110-54-3	78
4	n-Hexane	86	C6H14	000110-54-3	78
5	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047388.D
Acq On : 08 Mar 2022 13:53
Operator : SY/MD
Sample : N1810-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBDA7

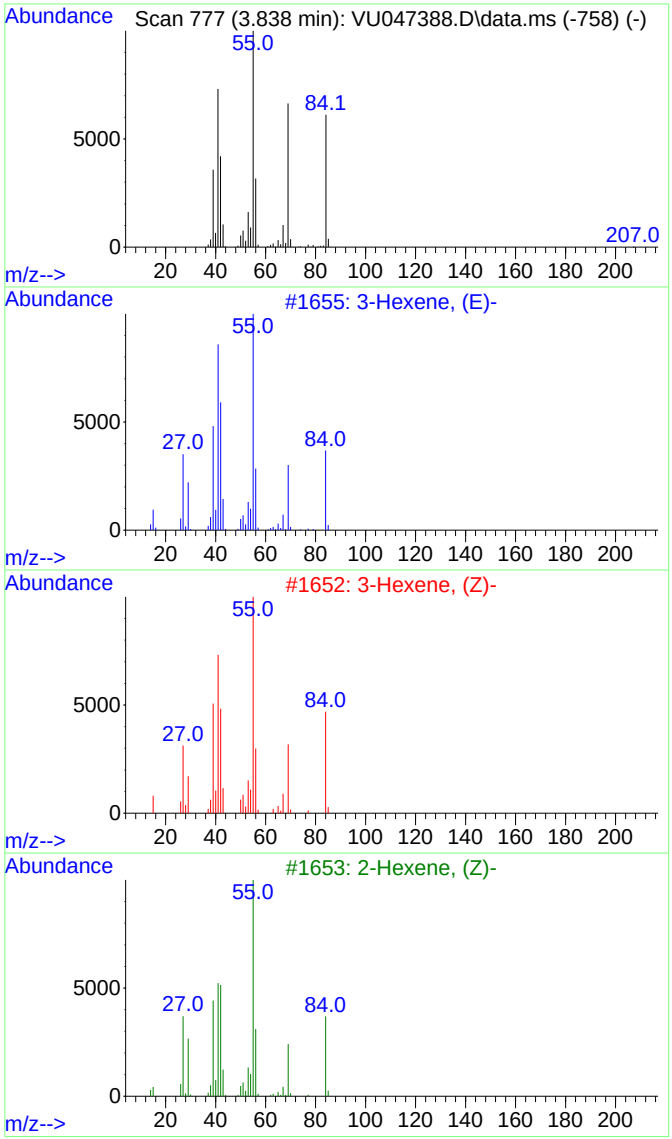
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

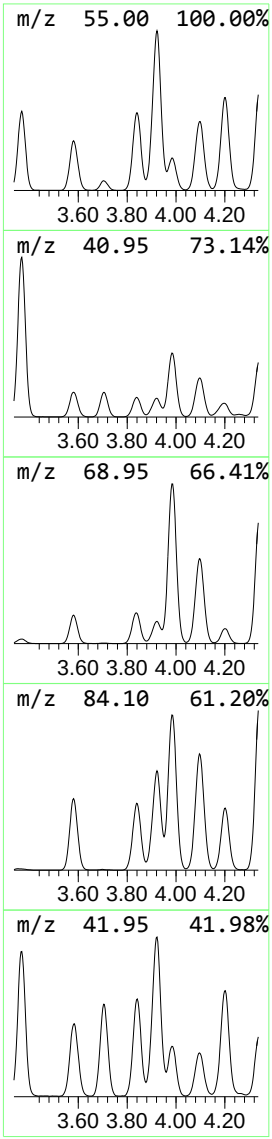
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.838	5.84 ug/L	1049610	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, (E)-	84	C6H12	013269-52-8	91
2	3-Hexene, (Z)-	84	C6H12	007642-09-3	90
3	2-Hexene, (Z)-	84	C6H12	007688-21-3	90
4	3-Hexene	84	C6H12	000592-47-2	90
5	Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047388.D
Acq On : 08 Mar 2022 13:53
Operator : SY/MD
Sample : N1810-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBDA7

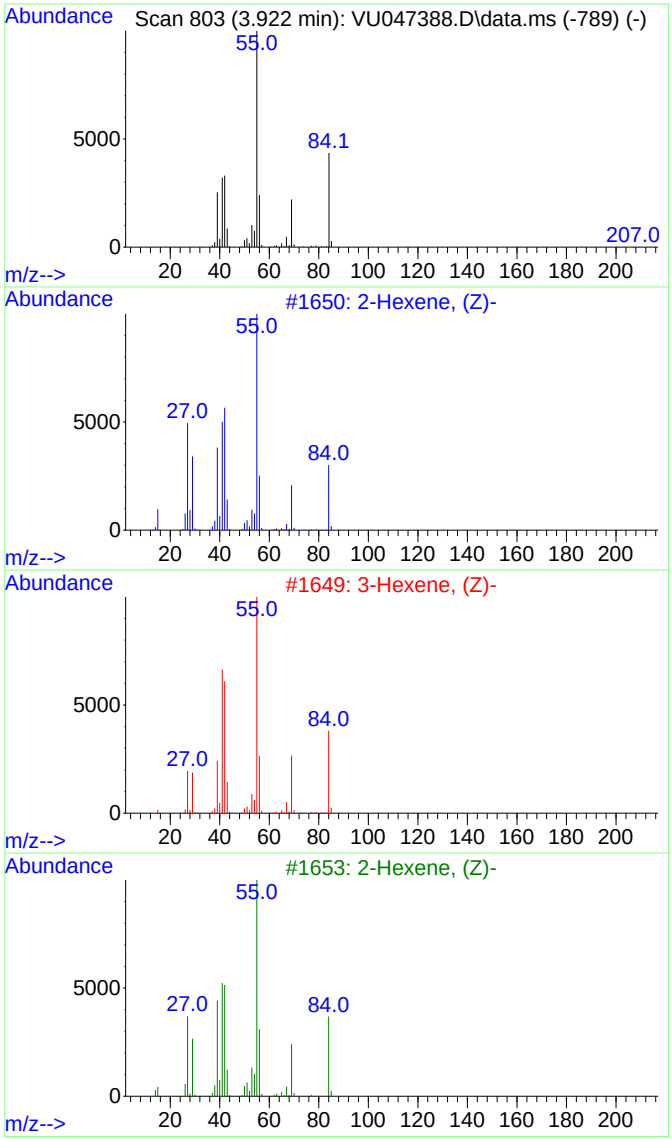
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

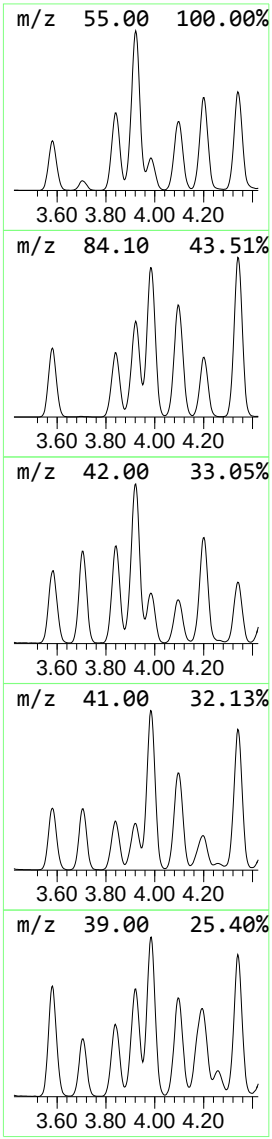
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.922	7.33 ug/L	1317590	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, (Z)-	84	C6H12	007688-21-3	91
2	3-Hexene, (Z)-	84	C6H12	007642-09-3	91
3	2-Hexene, (Z)-	84	C6H12	007688-21-3	91
4	2-Hexene, (Z)-	84	C6H12	007688-21-3	91
5	2-Hexene	84	C6H12	000592-43-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047388.D
Acq On : 08 Mar 2022 13:53
Operator : SY/MD
Sample : N1810-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBDA7

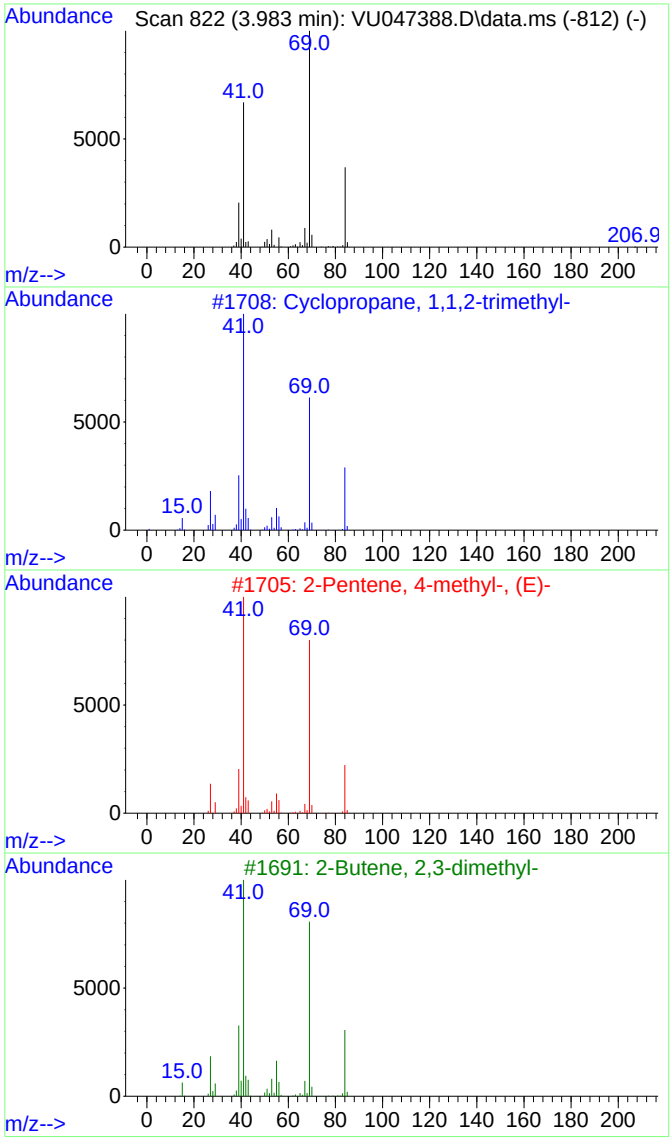
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

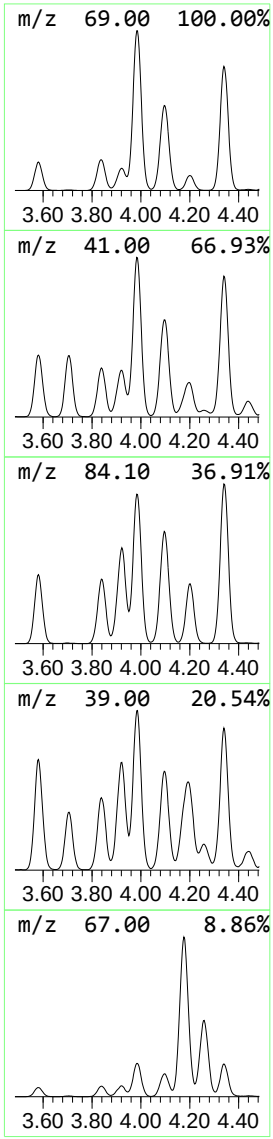
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Cyclic3.983 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.983	12.42 ug/L	2234240	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	86
2	2-Pentene, 4-methyl-, (E)-	84	C6H12	000674-76-0	86
3	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	86
4	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	83
5	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047388.D
Acq On : 08 Mar 2022 13:53
Operator : SY/MD
Sample : N1810-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBDA7

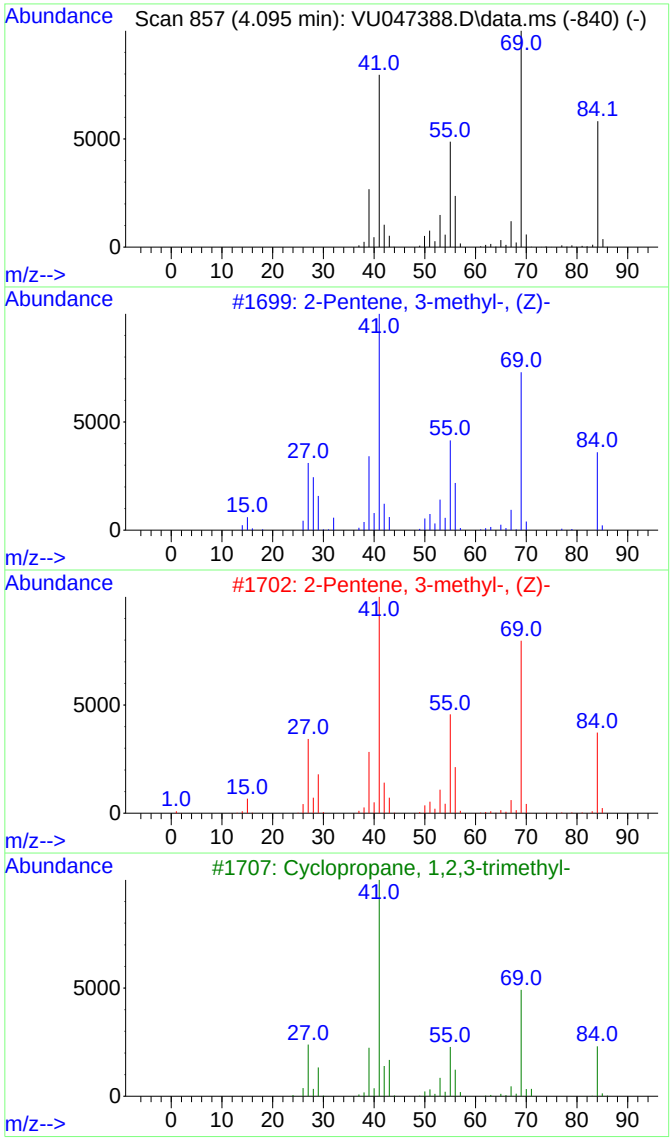
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

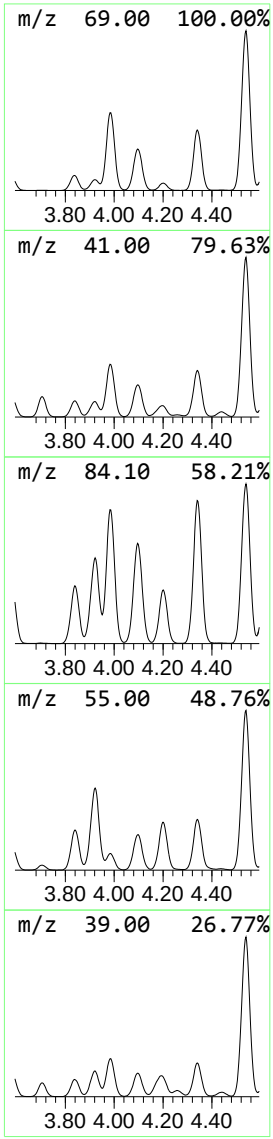
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.095	9.50 ug/L	1708290	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	95
2	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	91
3	Cyclopropane, 1,2,3-trimethyl-	84	C6H12	042984-19-0	91
4	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91
5	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047388.D
Acq On : 08 Mar 2022 13:53
Operator : SY/MD
Sample : N1810-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBDA7

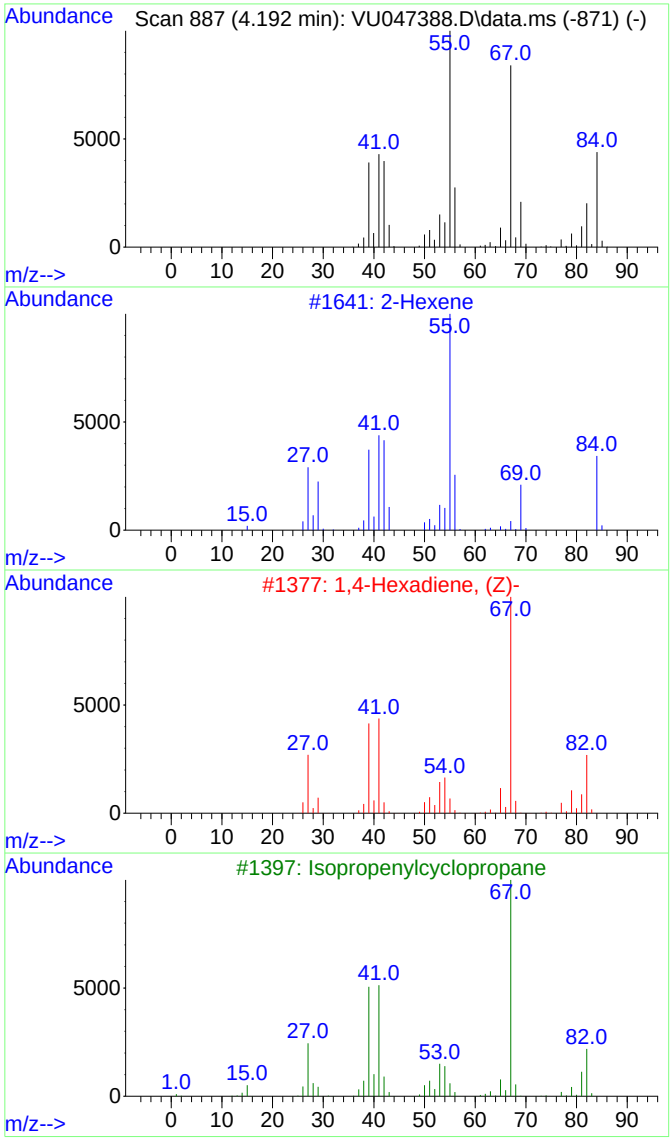
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

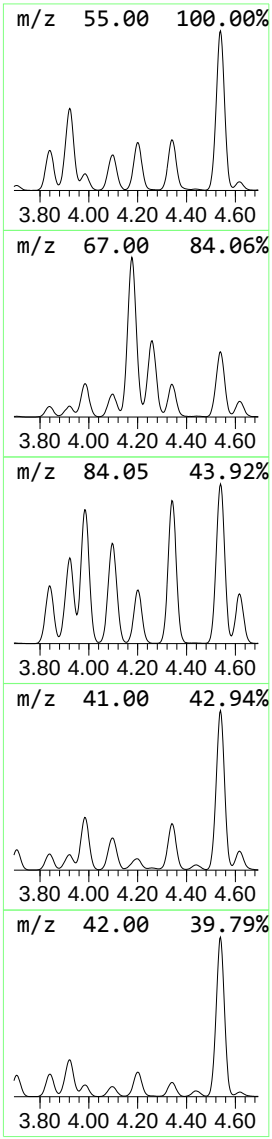
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.192	7.48 ug/L	1344630	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene	84	C6H12	000592-43-8	86
2	1,4-Hexadiene, (Z)-	82	C6H10	007318-67-4	60
3	Isopropenylcyclopropane	82	C6H10	004663-22-3	60
4	1,4-Hexadiene, (Z)-	82	C6H10	007318-67-4	53
5	1,3-Pentadiene, 2-methyl-, (E)-	82	C6H10	000926-54-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047388.D
Acq On : 08 Mar 2022 13:53
Operator : SY/MD
Sample : N1810-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBDA7

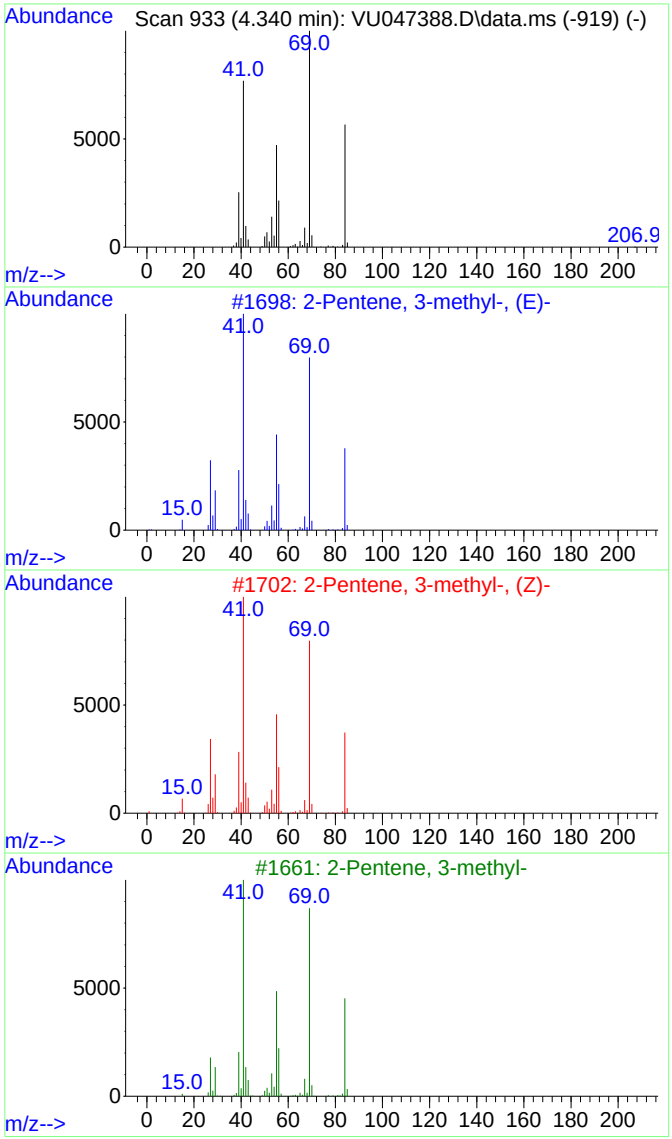
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

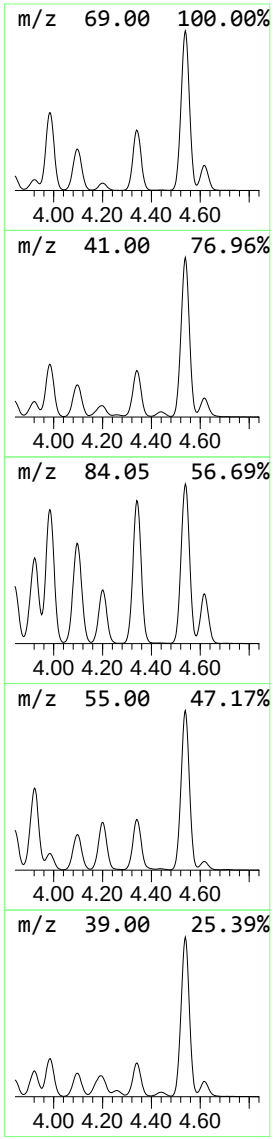
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.340	12.54 ug/L	2256270	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91
2	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	91
3	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	91
4	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91
5	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047388.D
Acq On : 08 Mar 2022 13:53
Operator : SY/MD
Sample : N1810-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBDA7

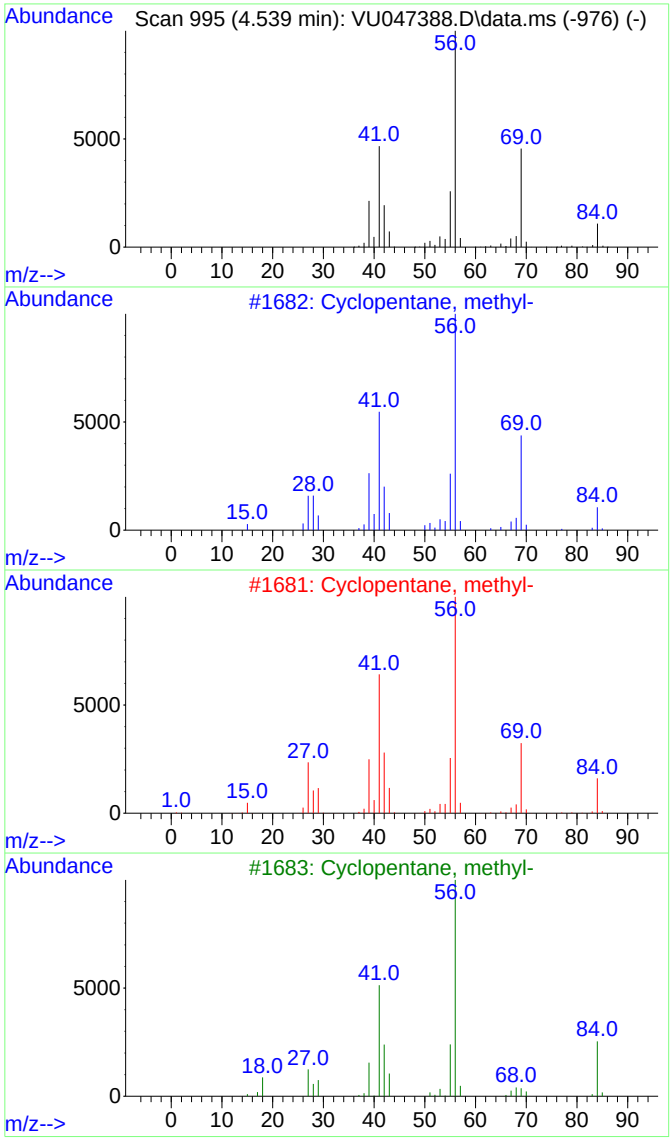
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

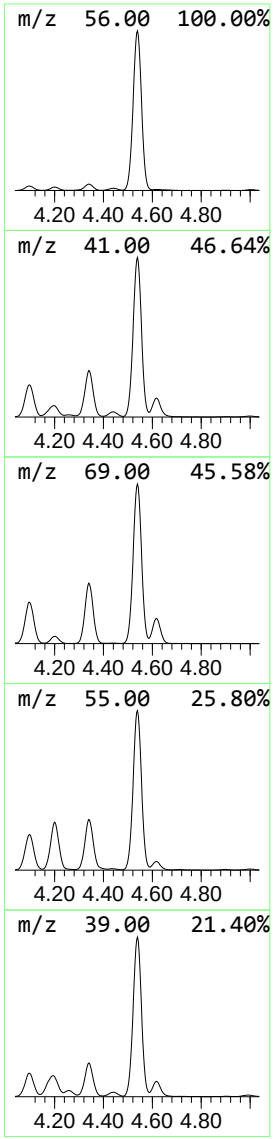
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Cyclic4.539 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.539	57.13 ug/L	10275800	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047388.D
Acq On : 08 Mar 2022 13:53
Operator : SY/MD
Sample : N1810-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBDA7

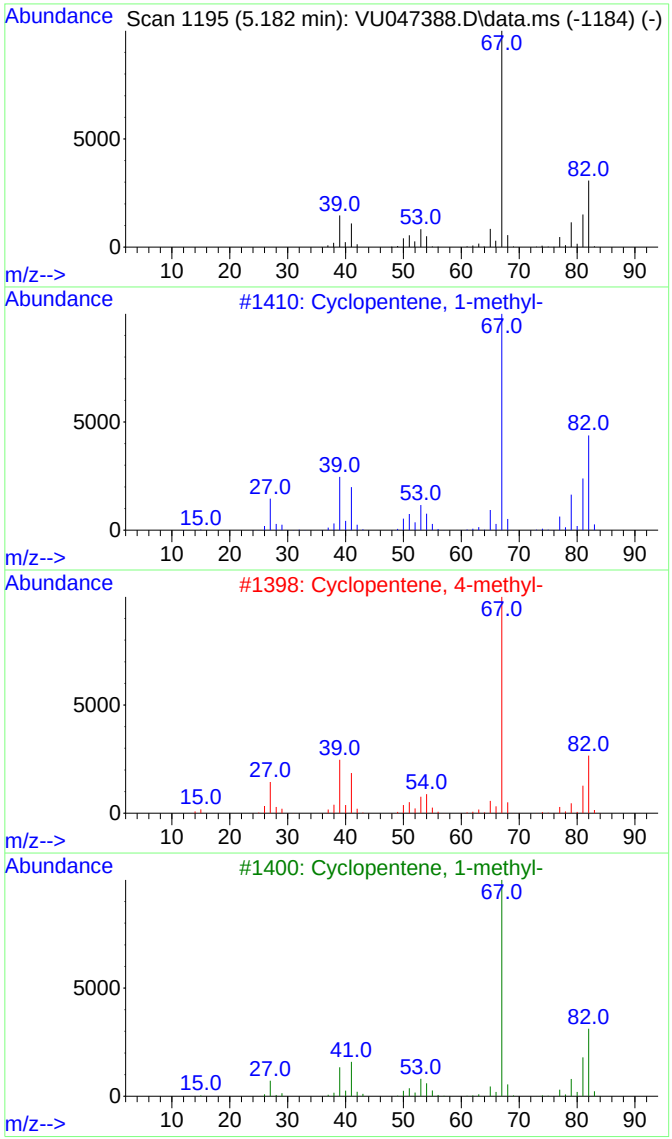
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

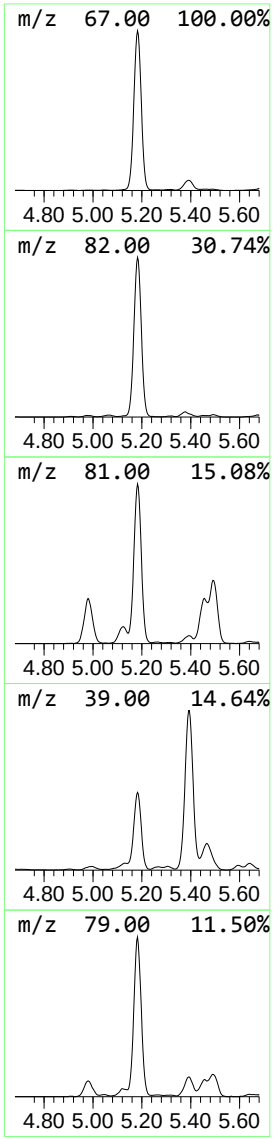
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Cyclopentene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.182	11.76 ug/L	2114310	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	90
2	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	87
3	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	87
4	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	87
5	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047388.D
Acq On : 08 Mar 2022 13:53
Operator : SY/MD
Sample : N1810-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBDA7

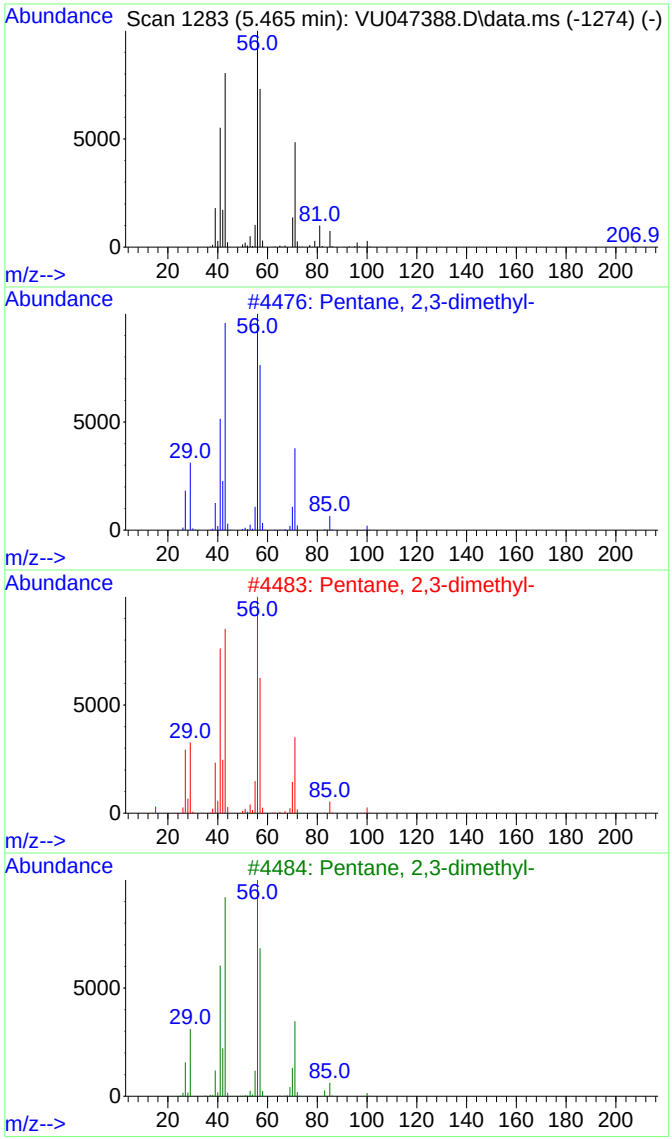
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

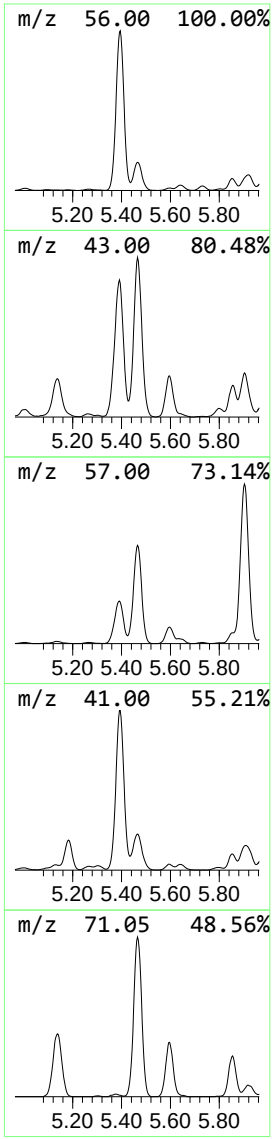
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.465	6.99 ug/L	1257580	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	46
5	Ethane, isocyanato-	71	C3H5NO	000109-90-0	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047388.D
Acq On : 08 Mar 2022 13:53
Operator : SY/MD
Sample : N1810-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBDA7

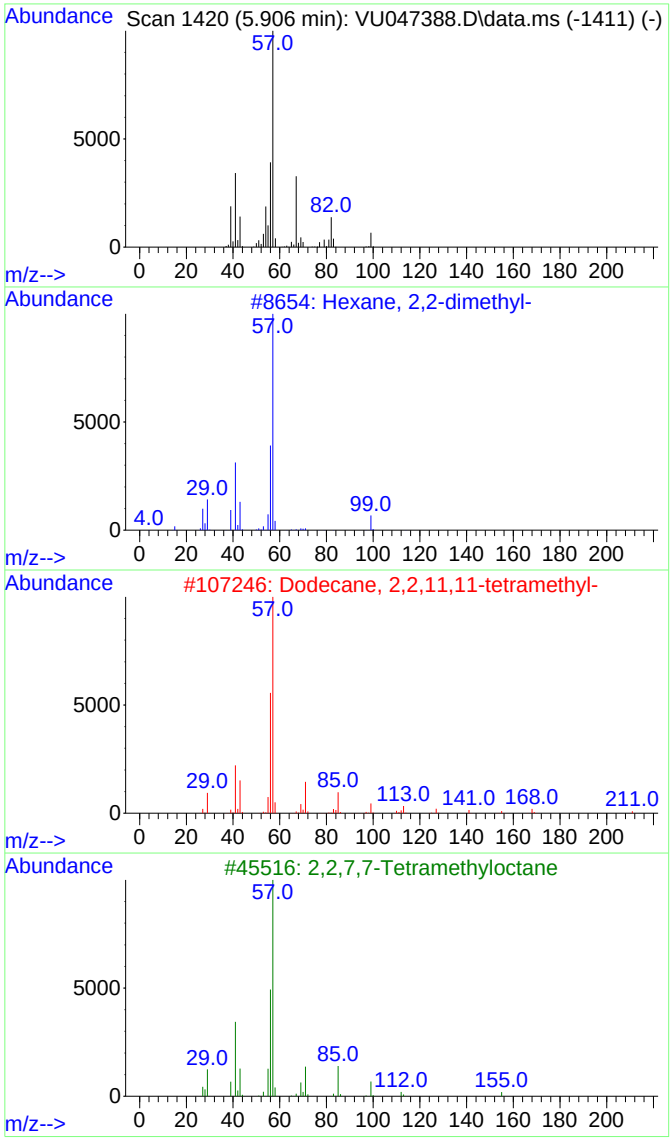
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

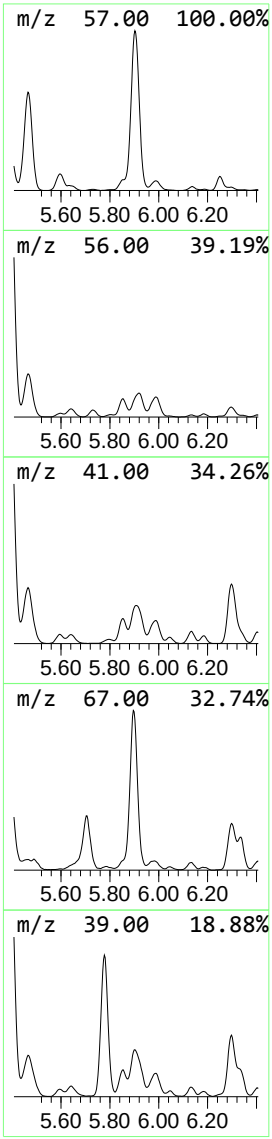
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.906	4.89 ug/L	880325	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	38
2	Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	37
3	2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	37
4	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	37
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	32





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047388.D
Acq On : 08 Mar 2022 13:53
Operator : SY/MD
Sample : N1810-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBDA7

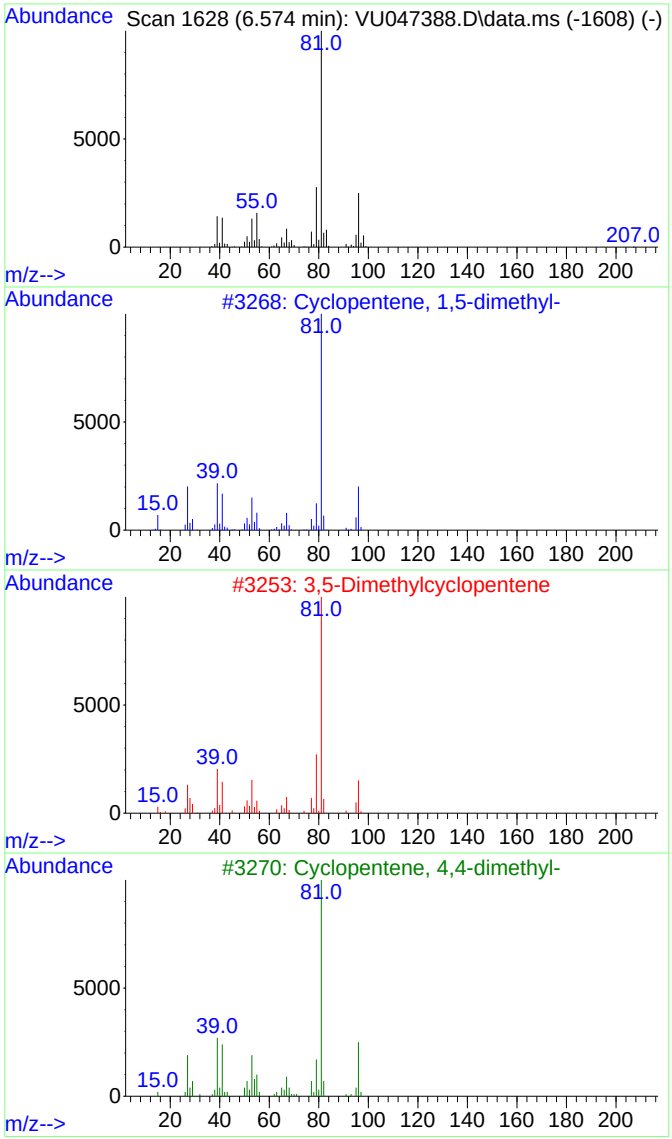
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

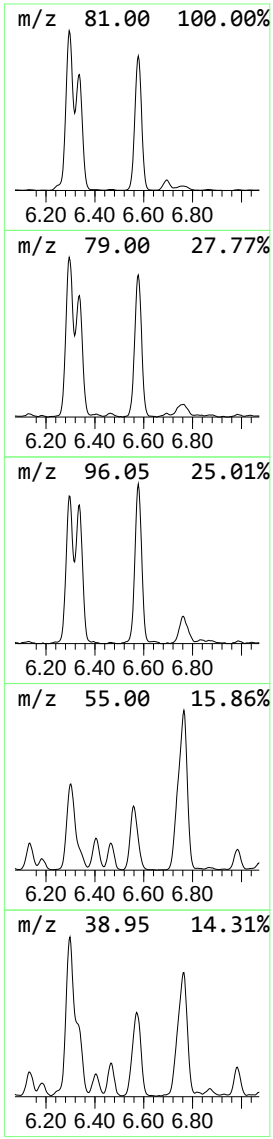
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Cyclopentene, 1,5-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.574	4.58 ug/L	822932	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	87
2	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	87
3	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	87
4	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	72
5	2-Hexyne, 4-methyl-	96	C7H12	020198-49-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047388.D
Acq On : 08 Mar 2022 13:53
Operator : SY/MD
Sample : N1810-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBDA7

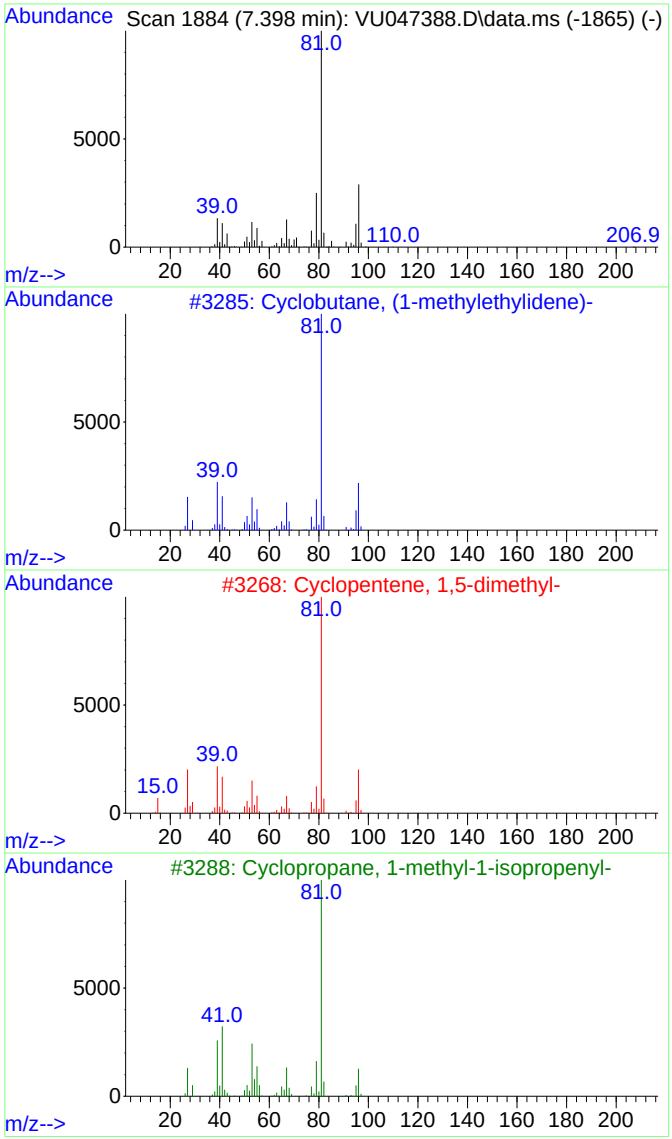
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

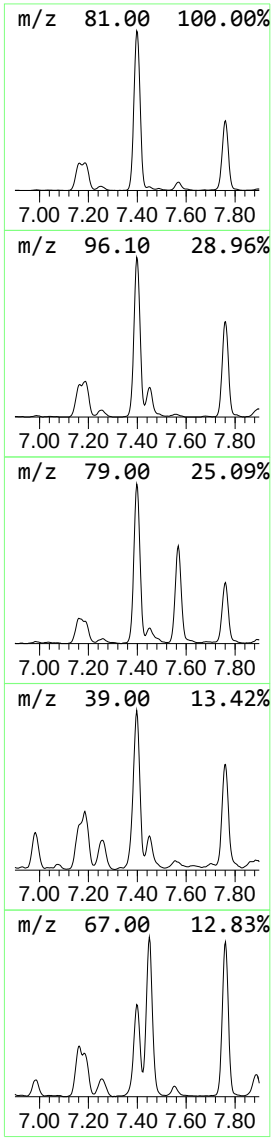
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Cyclobutane, (1-methylethyl... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.398	6.14 ug/L	1103560	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	87
2	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	87
3	Cyclopropane, 1-methyl-1-isoprop...	96	C7H12	003422-07-9	78
4	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	72
5	1,4-Pentadiene, 3,3-dimethyl-	96	C7H12	001112-35-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047388.D
Acq On : 08 Mar 2022 13:53
Operator : SY/MD
Sample : N1810-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBDA7

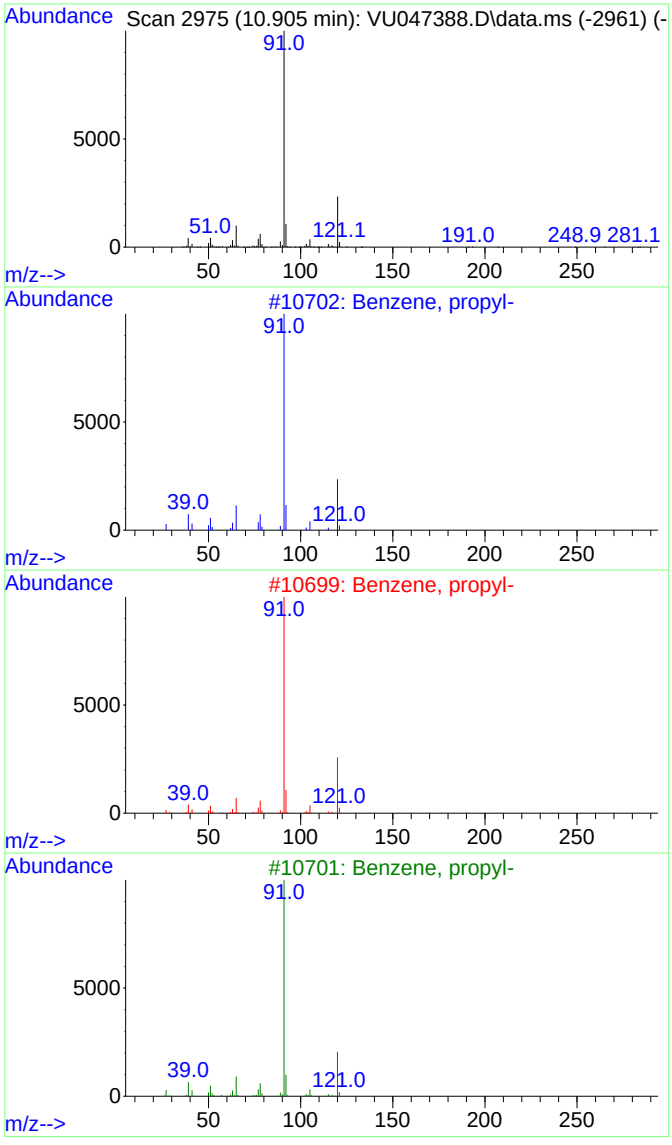
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

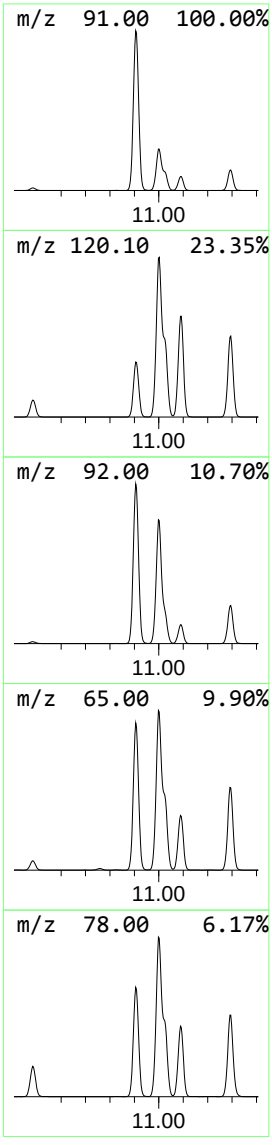
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, propyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.906	3.89 ug/L	5731130	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	Benzene, propyl-	120	C9H12	000103-65-1	91
3	Benzene, propyl-	120	C9H12	000103-65-1	91
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
5	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72





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Data File : VU047388.D
Acq On : 08 Mar 2022 13:53
Operator : SY/MD
Sample : N1810-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBDA7

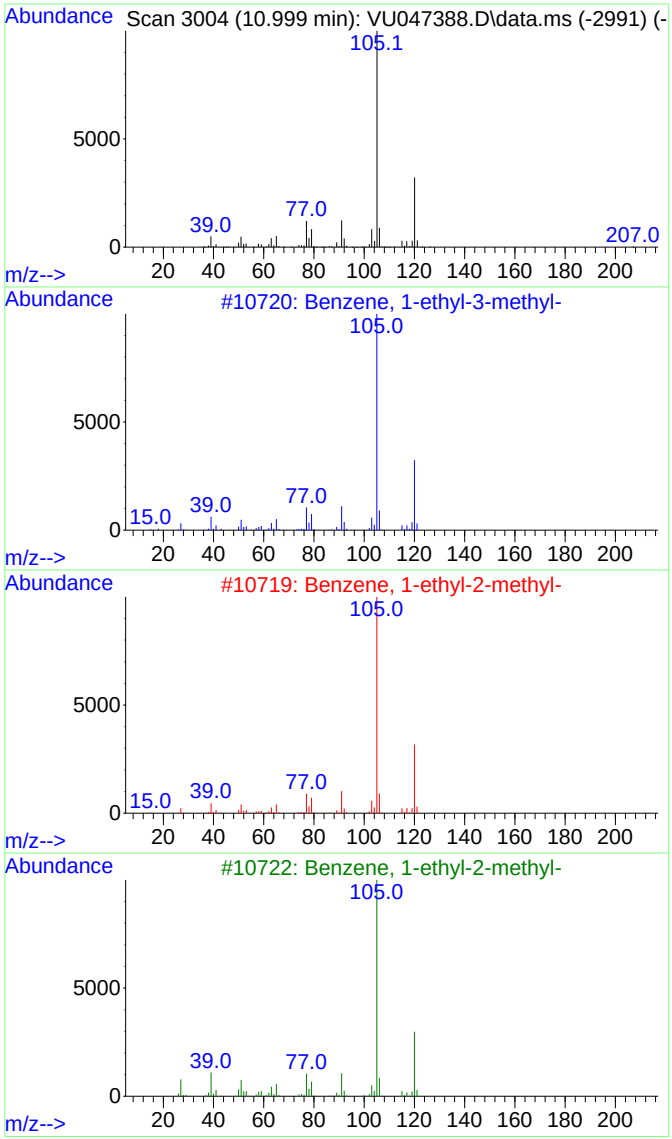
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

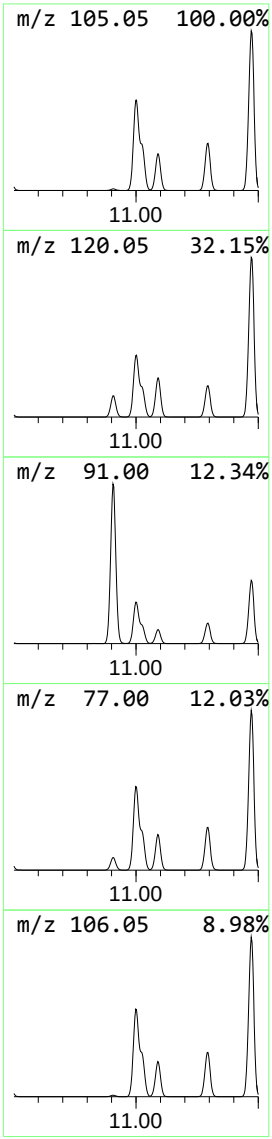
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzene, 1-ethyl-3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.999	14.65 ug/L	21606300	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047388.D
Acq On : 08 Mar 2022 13:53
Operator : SY/MD
Sample : N1810-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBDA7

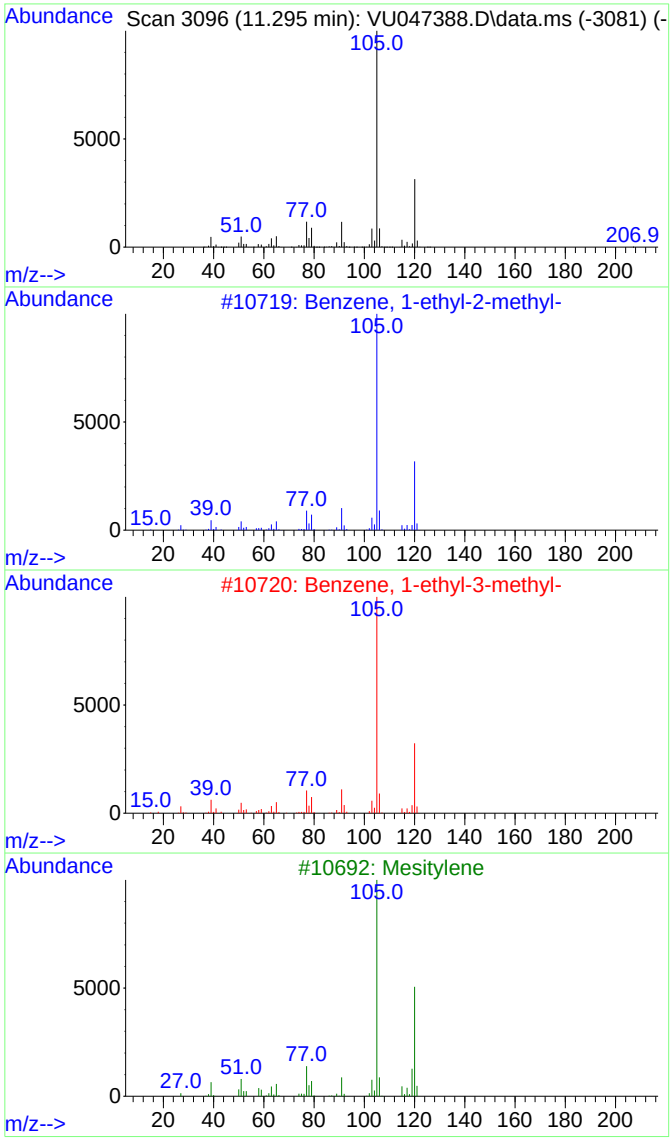
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

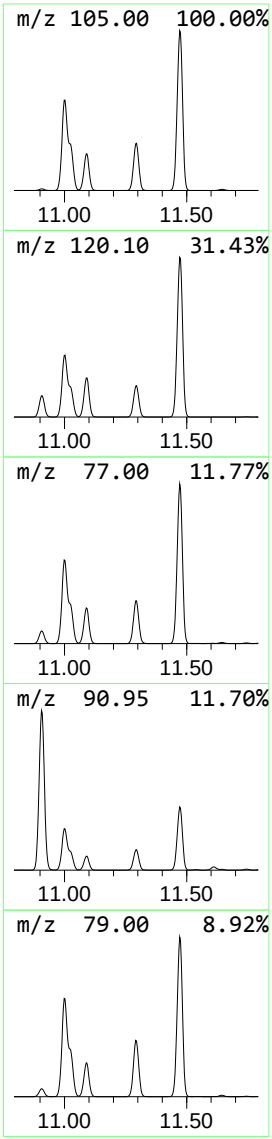
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzene, 1-ethyl-2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.294	5.35 ug/L	7891400	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
3	Mesitylene	120	C9H12	000108-67-8	90
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047388.D
Acq On : 08 Mar 2022 13:53
Operator : SY/MD
Sample : N1810-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBDA7

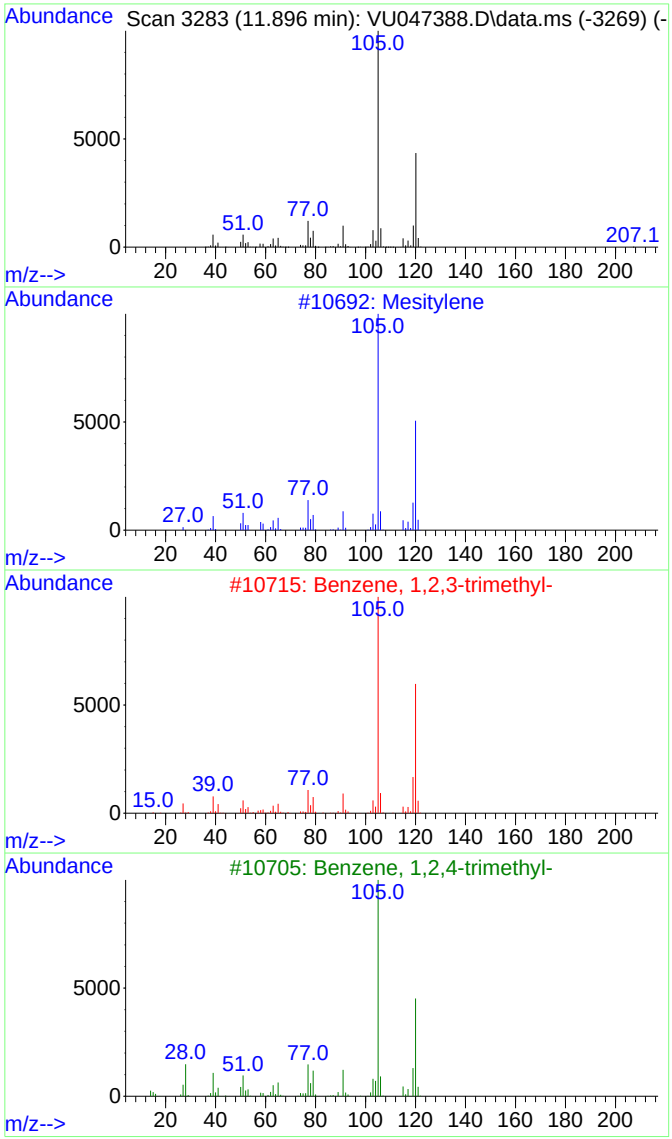
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

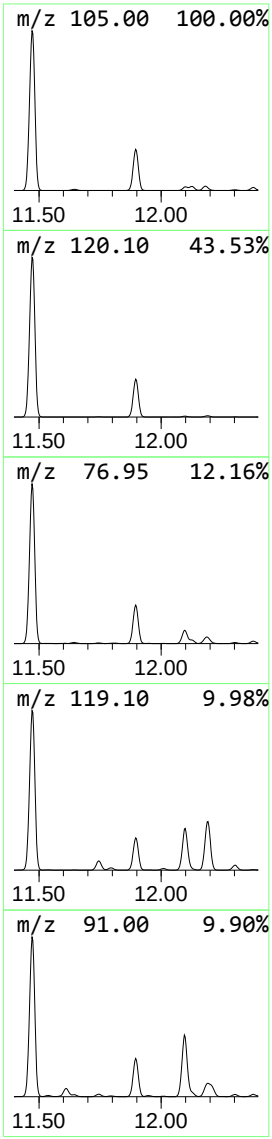
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Benzene, 1,2,3-trimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.896	5.00 ug/L	7371870	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047388.D
Acq On : 08 Mar 2022 13:53
Operator : SY/MD
Sample : N1810-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBDA7

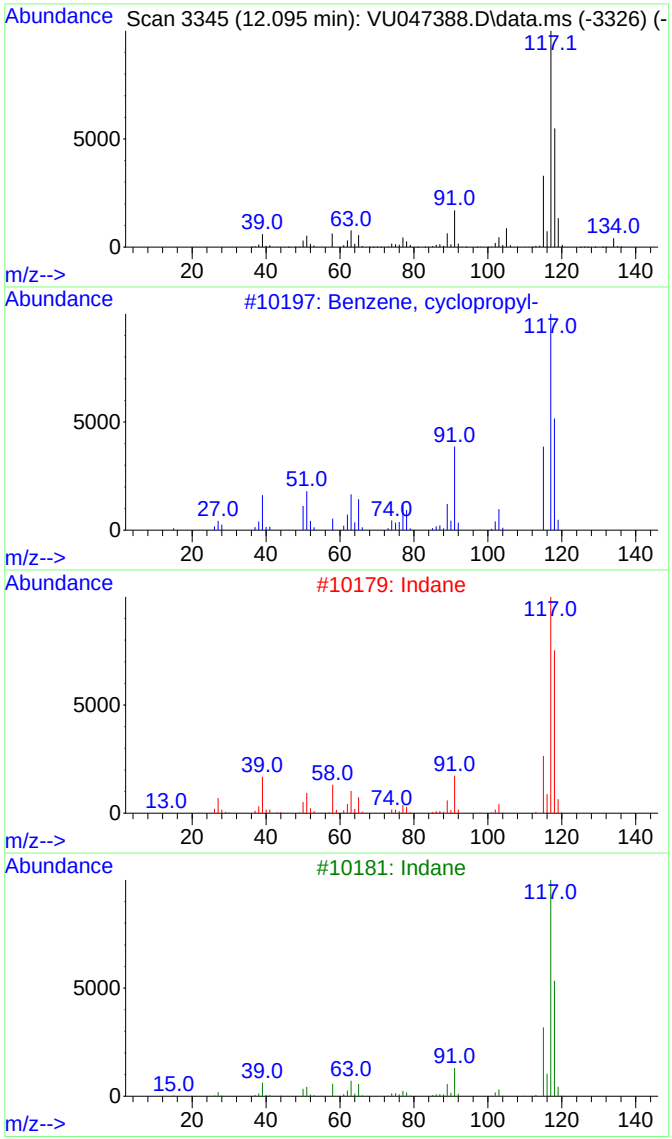
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

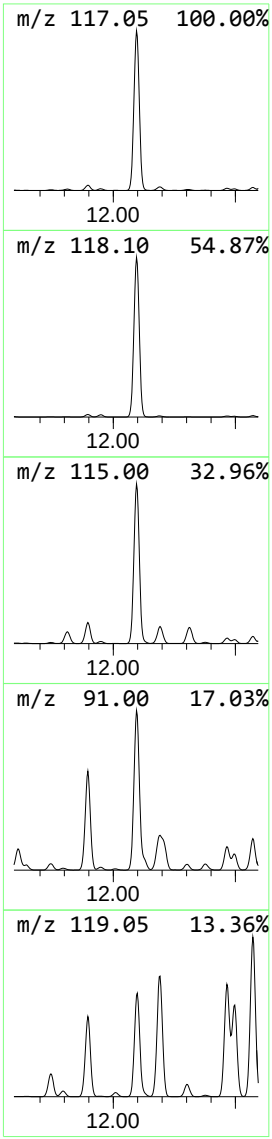
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzene, cyclopropyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.095	6.22 ug/L	9168360	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
2	Indane	118	C9H10	000496-11-7	81
3	Indane	118	C9H10	000496-11-7	81
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
5	Indane	118	C9H10	000496-11-7	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047388.D
Acq On : 08 Mar 2022 13:53
Operator : SY/MD
Sample : N1810-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBDA7

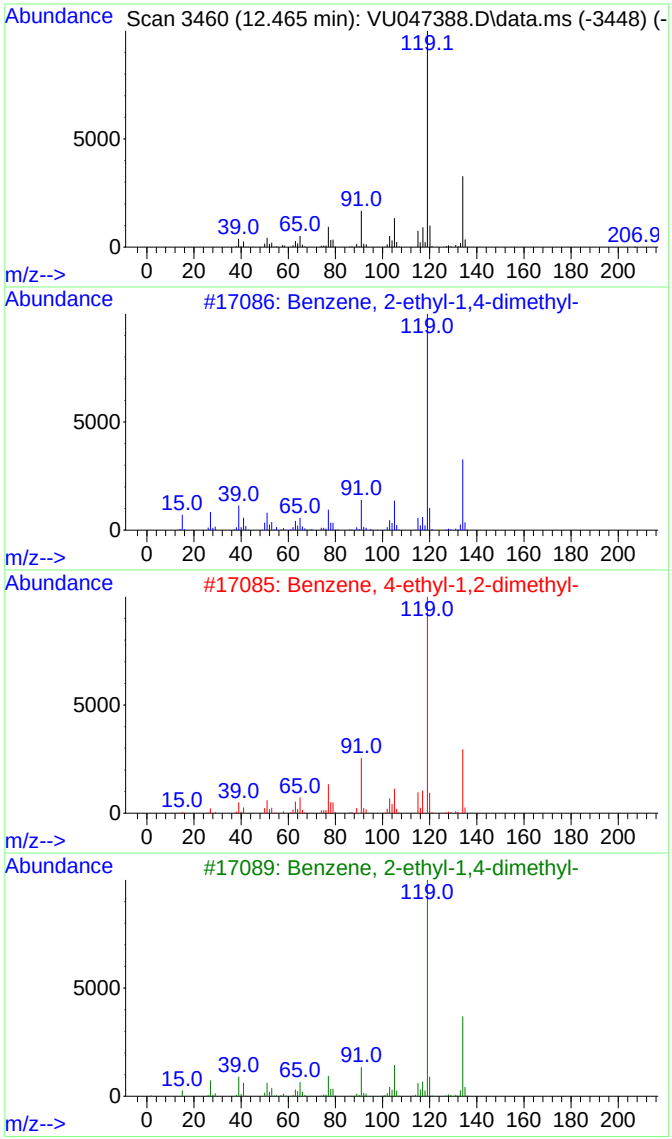
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

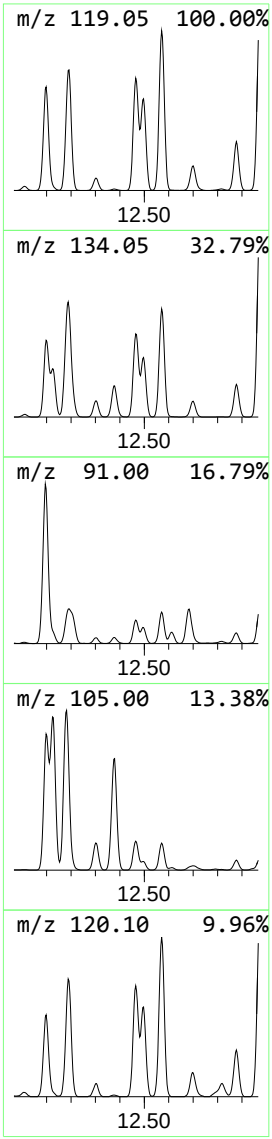
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.465	0.77 ug/L	1142480	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





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Data File : VU047388.D
Acq On : 08 Mar 2022 13:53
Operator : SY/MD
Sample : N1810-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBDA7

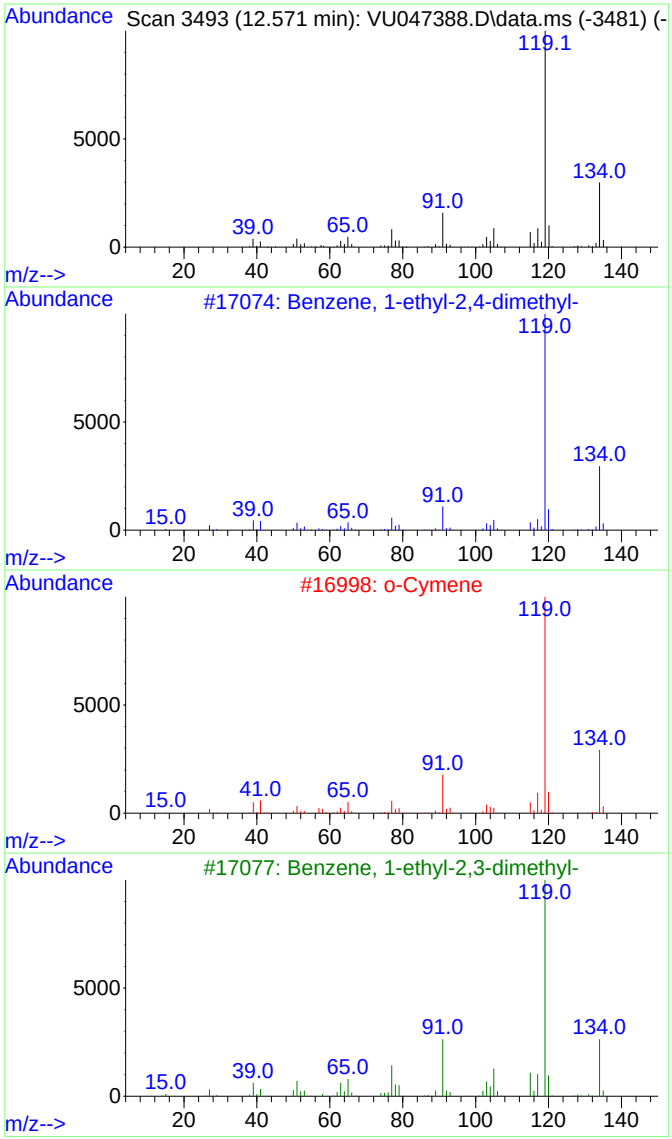
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

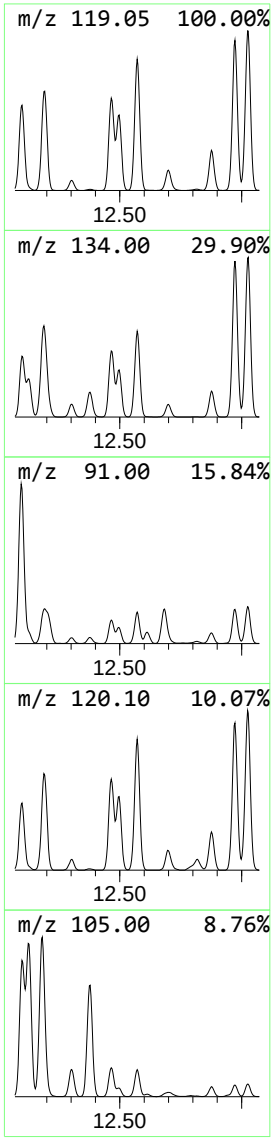
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.571	0.96 ug/L	1410290	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047388.D
Acq On : 08 Mar 2022 13:53
Operator : SY/MD
Sample : N1810-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBDA7

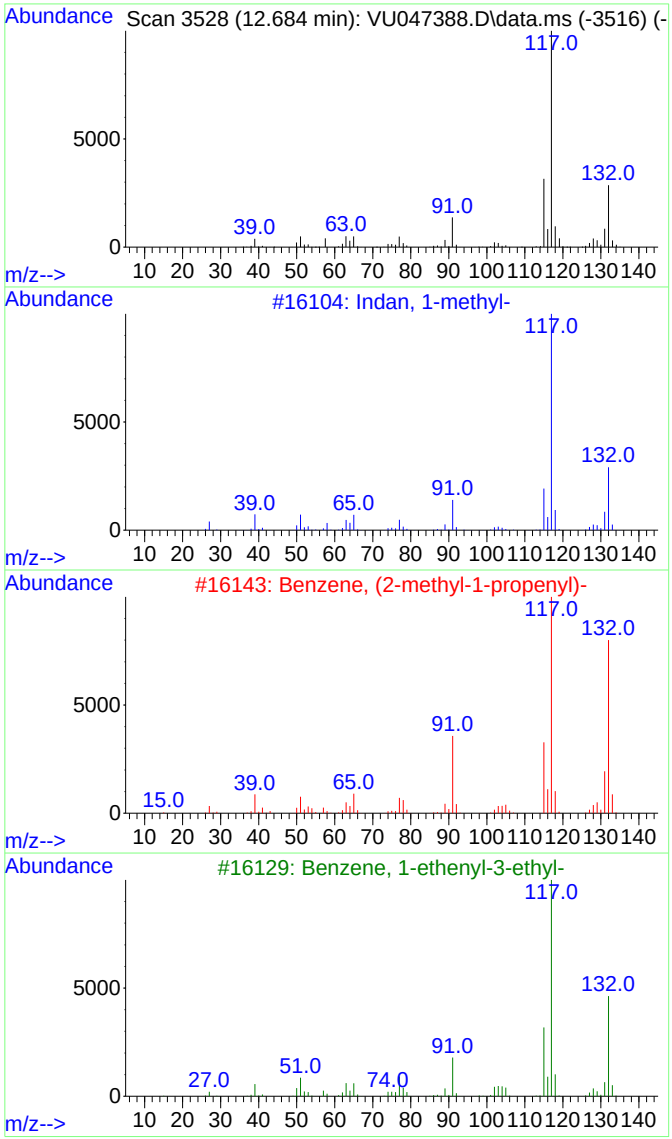
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

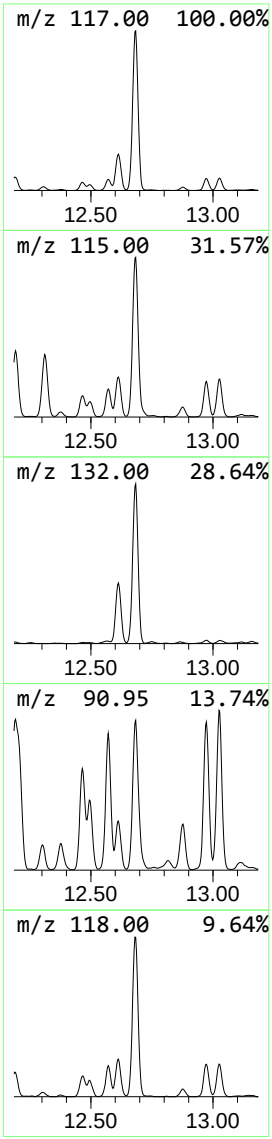
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Indan, 1-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.684	1.48 ug/L	2178360	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047388.D
Acq On : 08 Mar 2022 13:53
Operator : SY/MD
Sample : N1810-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBDA7

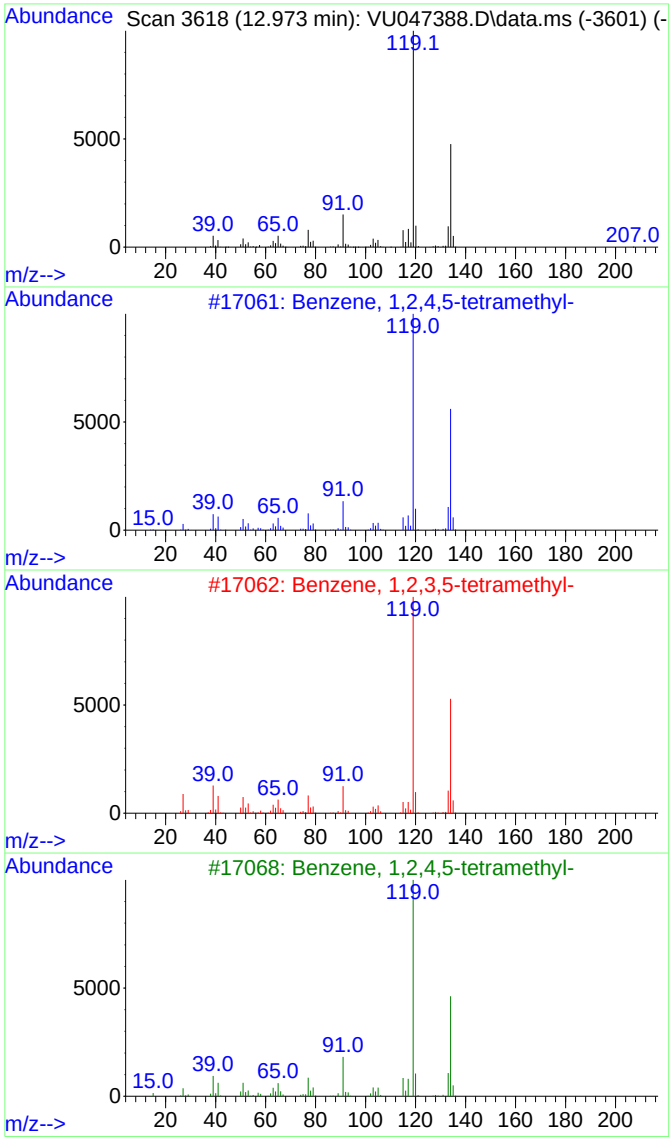
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

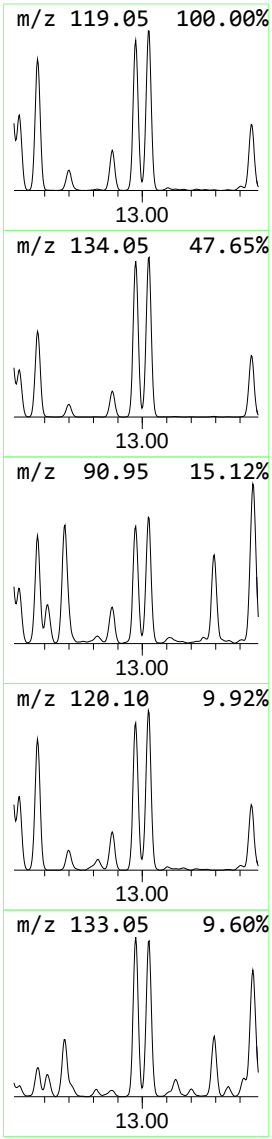
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.973	1.17 ug/L	1728230	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047388.D
Acq On : 08 Mar 2022 13:53
Operator : SY/MD
Sample : N1810-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBDA7

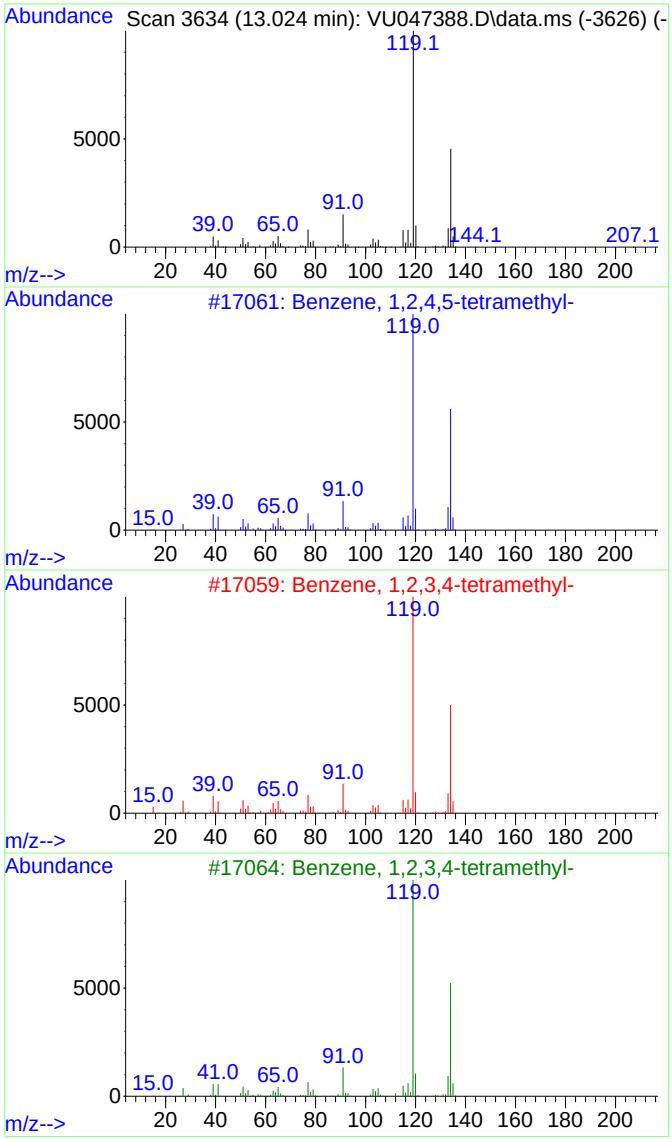
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

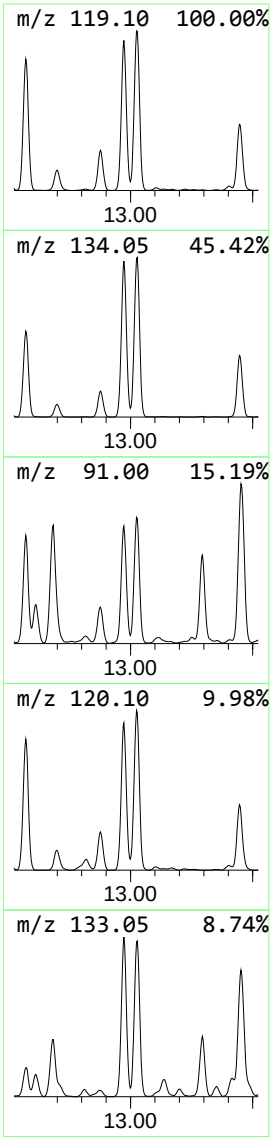
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.024	1.26 ug/L	1852250	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047388.D
Acq On : 08 Mar 2022 13:53
Operator : SY/MD
Sample : N1810-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBDA7

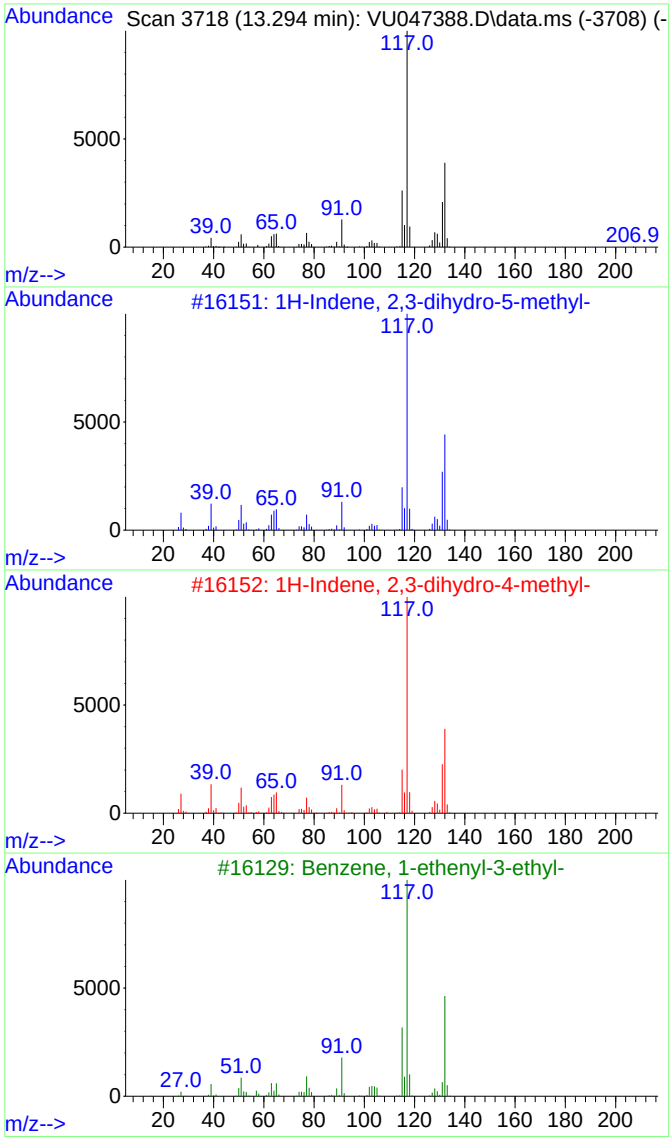
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

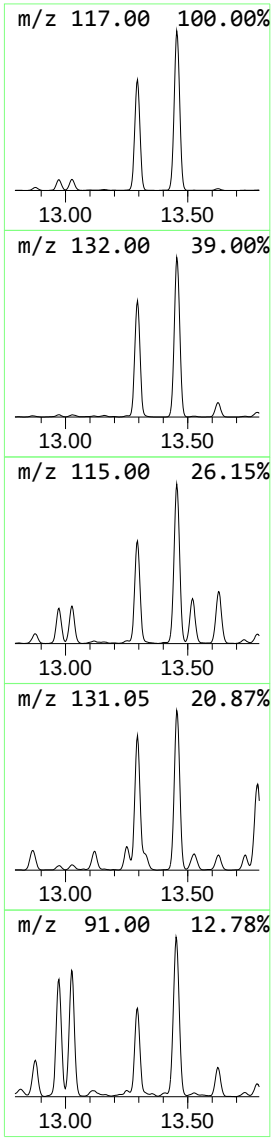
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.294	1.21 ug/L	1776780	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	95
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
4	Indan, 1-methyl-	132	C10H12	000767-58-8	87
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047388.D
Acq On : 08 Mar 2022 13:53
Operator : SY/MD
Sample : N1810-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBDA7

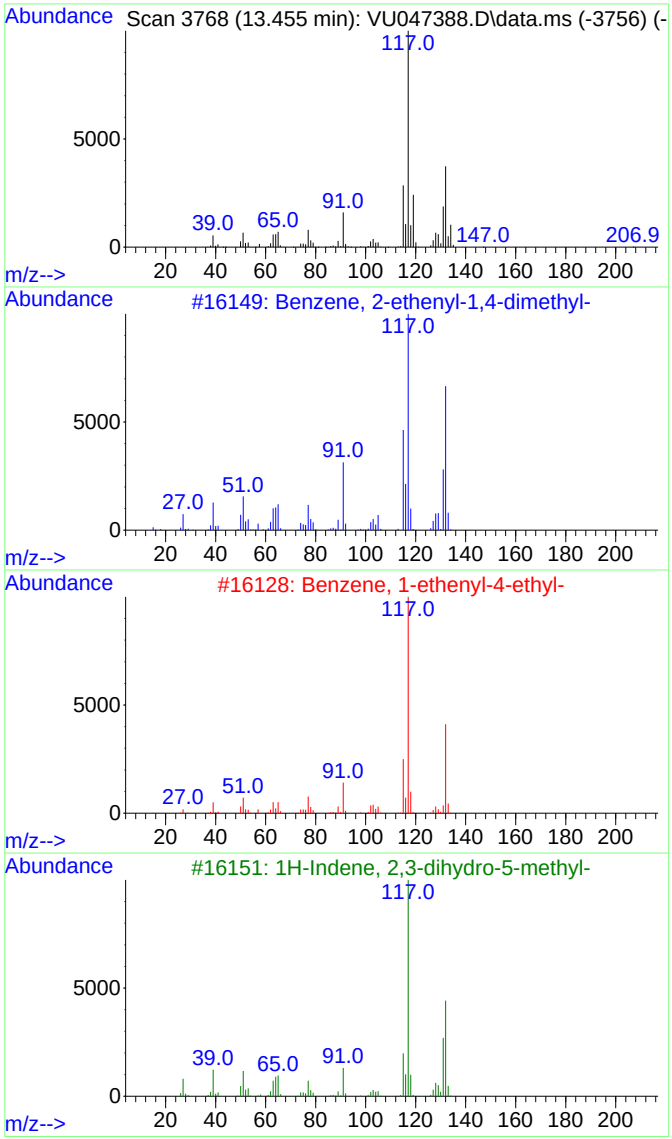
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

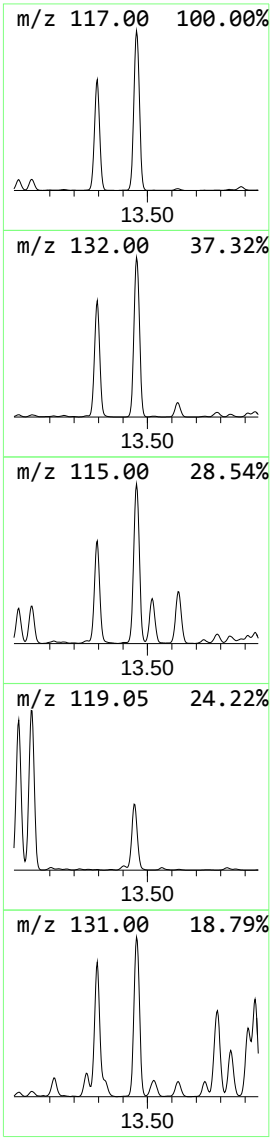
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.455	2.14 ug/L	3160340	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	89
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047388.D
Acq On : 08 Mar 2022 13:53
Operator : SY/MD
Sample : N1810-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBDA7

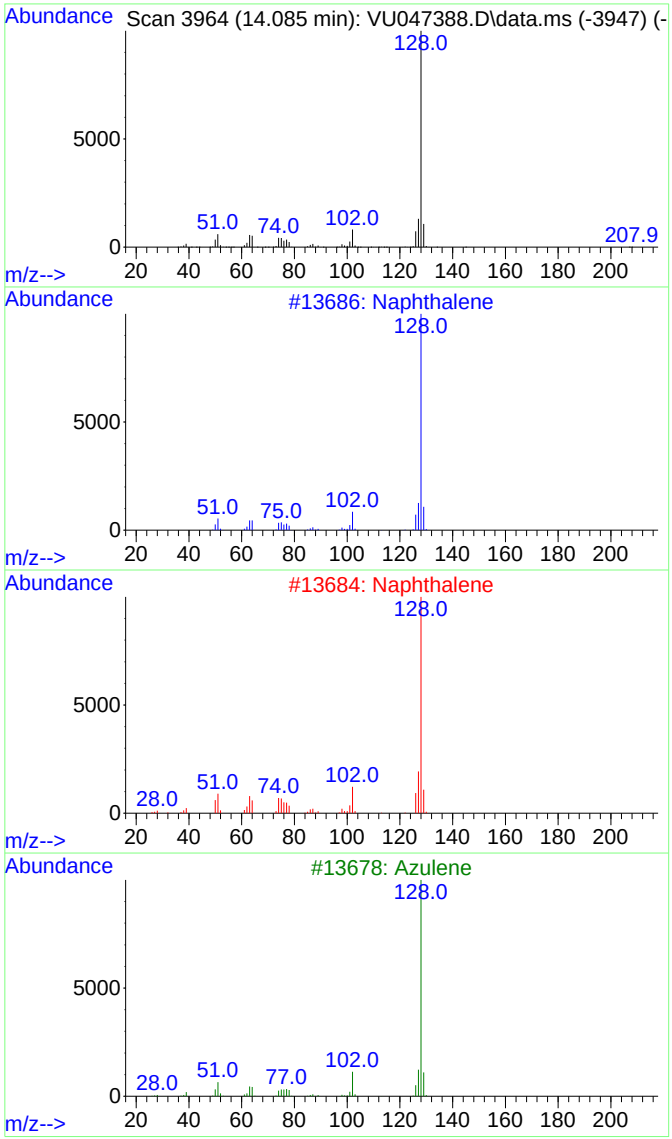
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

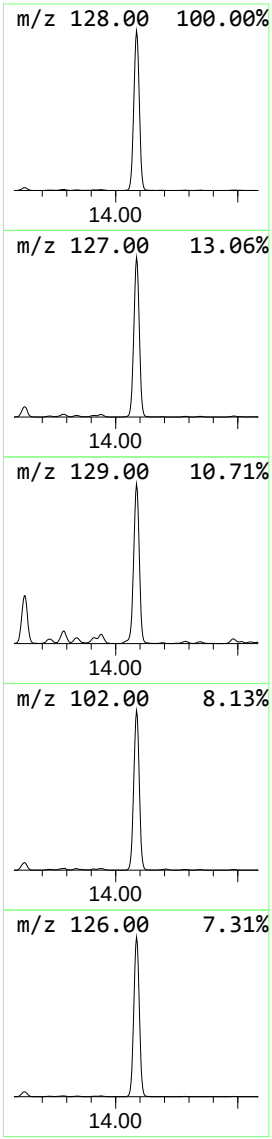
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Azulene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.085	2.61 ug/L	3851080	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Naphthalene	128	C10H8	000091-20-3	94
3	Azulene	128	C10H8	000275-51-4	93
4	Naphthalene	128	C10H8	000091-20-3	93
5	Azulene	128	C10H8	000275-51-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047388.D
Acq On : 08 Mar 2022 13:53
Operator : SY/MD
Sample : N1810-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBDA7

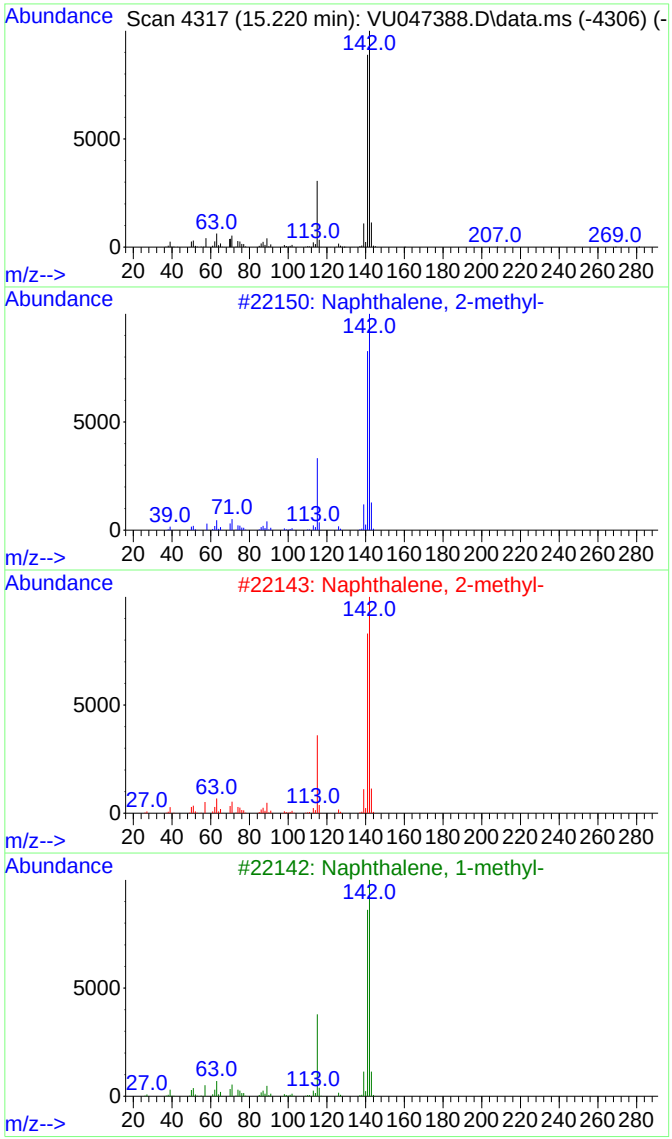
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

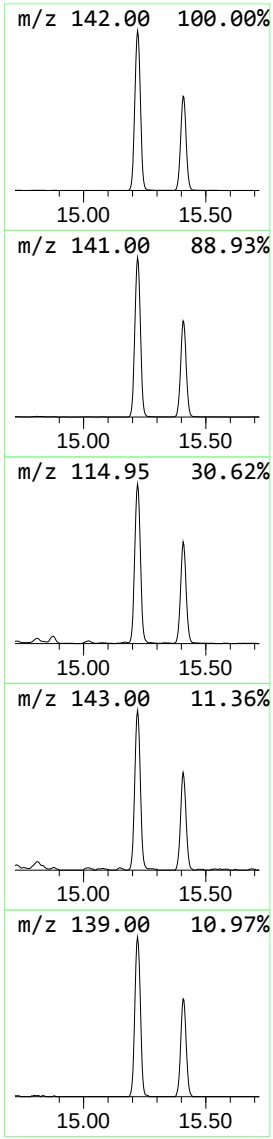
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Naphthalene, 2-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.220	0.72 ug/L	1066240	1,4-Dichlorobenzene-d4	11.812

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047388.D
Acq On : 08 Mar 2022 13:53
Operator : SY/MD
Sample : N1810-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBDA7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.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...	1.999	294.6	ug/L	52987500	1	6.250	899290	5.0
(DEL) Alkane: S...	2.208	54.8	ug/L	9862070	1	6.250	899290	5.0
(DEL) Alkane: S...	2.324	7.5	ug/L	1339450	1	6.250	899290	5.0
(DEL) Alkane: S...	2.472	7.3	ug/L	1314940	1	6.250	899290	5.0
(DEL) Alkane: S...	3.051	26.6	ug/L	4791550	1	6.250	899290	5.0
(DEL) Alkane: S...	3.089	31.5	ug/L	5670190	1	6.250	899290	5.0
(DEL) Alkane: C...	3.144	24.1	ug/L	4336910	1	6.250	899290	5.0
(DEL) Alkane: S...	3.369	37.0	ug/L	6664500	1	6.250	899290	5.0
(DEL) Alkane: S...	3.581	6.9	ug/L	1239570	1	6.250	899290	5.0
(DEL) Alkane: S...	3.706	5.7	ug/L	1025270	1	6.250	899290	5.0
(DEL) Alkane: S...	3.838	5.8	ug/L	1049610	1	6.250	899290	5.0
(DEL) Alkane: S...	3.922	7.3	ug/L	1317590	1	6.250	899290	5.0
(DEL) Alkane: C...	3.983	12.4	ug/L	2234240	1	6.250	899290	5.0
(DEL) Alkane: S...	4.095	9.5	ug/L	1708290	1	6.250	899290	5.0
(DEL) Alkane: S...	4.192	7.5	ug/L	1344630	1	6.250	899290	5.0
(DEL) Alkane: S...	4.340	12.5	ug/L	2256270	1	6.250	899290	5.0
(DEL) Alkane: C...	4.539	57.1	ug/L	10275800	1	6.250	899290	5.0
Cyclopentene, 1...	5.182	11.8	ug/L	2114310	1	6.250	899290	5.0
(DEL) Alkane: S...	5.465	7.0	ug/L	1257580	1	6.250	899290	5.0
(DEL) Alkane: S...	5.906	4.9	ug/L	880325	1	6.250	899290	5.0
Cyclopentene, 1...	6.574	4.6	ug/L	822932	1	6.250	899290	5.0
Cyclobutane, (1...	7.398	6.1	ug/L	1103560	1	6.250	899290	5.0
Benzene, propyl-	10.906	3.9	ug/L	5731130	3	11.812	7371870	5.0
Benzene, 1-ethy...	10.999	14.7	ug/L	21606300	3	11.812	7371870	5.0
Benzene, 1-ethy...	11.294	5.3	ug/L	7891400	3	11.812	7371870	5.0
Benzene, 1,2,3-...	11.896	5.0	ug/L	7371870	3	11.812	7371870	5.0
Benzene, cyclop...	12.095	6.2	ug/L	9168360	3	11.812	7371870	5.0
Benzene, 2-ethy...	12.465	0.8	ug/L	1142480	3	11.812	7371870	5.0
Benzene, 1-ethy...	12.571	1.0	ug/L	1410290	3	11.812	7371870	5.0
Indan, 1-methyl-	12.684	1.5	ug/L	2178360	3	11.812	7371870	5.0
Benzene, 1,2,4,...	12.973	1.2	ug/L	1728230	3	11.812	7371870	5.0
Benzene, 1,2,3,...	13.024	1.3	ug/L	1852250	3	11.812	7371870	5.0
1H-Indene, 2,3-...	13.294	1.2	ug/L	1776780	3	11.812	7371870	5.0
Benzene, 2-ethe...	13.455	2.1	ug/L	3160340	3	11.812	7371870	5.0
Azulene	14.085	2.6	ug/L	3851080	3	11.812	7371870	5.0
Naphthalene, 2-...	15.220	0.7	ug/L	1066240	3	11.812	7371870	5.0