LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
Data File : VU059852.D
Acq On : 05 Jul 2024 11:23
Operator : MD/SY
Sample : P3109-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC3

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\SFAMUTR061724WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU059852.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.991	208	218	231	rVB	110698	152463	1.49%	0.349%
2	2.592	381	405	434	rBV2	200073	587834	5.74%	1.347%
3	3.036	523	543	565	rBV	1846890	3940882	38.45%	9.032%
4	4.425	954	975	997	rBV	1654636	4146244	40.45%	9.503%
5	4.637	1018	1041	1085	rVB2	160823	585589	5.71%	1.342%
6	5.055	1155	1171	1181	rBV2	96383	210967	2.06%	0.484%
7	5.123	1181	1192	1219	rVB	113398	287711	2.81%	0.659%
8	5.454	1278	1295	1327	rVB	2018545	4531957	44.22%	10.387%
9	5.717	1360	1377	1390	rBV2	200279	512946	5.00%	1.176%
10	5.894	1406	1432	1472	rVB	4488115	10249443	100.00%	23.492%
11	6.242	1528	1540	1578	rBV	185983	378624	3.69%	0.868%
12	6.682	1665	1677	1685	rBV	120048	235335	2.30%	0.539%
13	6.730	1686	1692	1703	rVV2	100122	190276	1.86%	0.436%
14	6.801	1703	1714	1724	rVV2	263957	517241	5.05%	1.186%
15	6.862	1724	1733	1742	rVV3	186389	379586	3.70%	0.870%
16	6.917	1742	1750	1771	rVB	215196	419563	4.09%	0.962%
17	7.068	1772	1797	1808	rBV	163262	362122	3.53%	0.830%
18	7.251	1834	1854	1873	rBV	2306273	4406545	42.99%	10.100%
19	7.373	1875	1892	1908	rBV	3173803	6190682	60.40%	14.189%
20	7.463	1915	1920	1933	rVB5	58097	102989	1.00%	0.236%
21	7.557	1934	1949	1961	rBV3	102480	295285	2.88%	0.677%
22	7.618	1962	1968	1983	rVB2	68510	126050	1.23%	0.289%
23	7.830	2023	2034	2046	rBV4	227583	532274	5.19%	1.220%
24	7.891	2046	2053	2065	rVB	249397	423277	4.13%	0.970%
25	8.177	2134	2142	2151	rVB2	62820	108448	1.06%	0.249%
26	8.254	2152	2166	2179	rVB7	49053	139421	1.36%	0.320%
27	8.405	2202	2213	2233	rBV	329971	651271	6.35%	1.493%
28	8.627	2273	2282	2296	rBV	257054	429154	4.19%	0.984%
29	8.701	2296	2305	2314	rVB3	80361	128621	1.25%	0.295%
30	8.949	2365	2382	2401	rVB4	58953	167601	1.64%	0.384%
31	9.068	2407	2419	2430	rBV5	79538	171576	1.67%	0.393%
32	9.412	2515	2526	2543	rVV	271990	487425	4.76%	1.117%
33	9.682	2603	2610	2626	rVB9	66415	159608	1.56%	0.366%
34	10.749	2932	2942	2953	rBV2	97585	163592	1.60%	0.375%
35	11.807	3254	3271	3290	rVB	280871	474333	4.63%	1.087%
36	12.187	3378	3389	3408	rVB	301317	522068	5.09%	1.197%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
Data File : VU059852.D
Acq On : 05 Jul 2024 11:23
Operator : MD/SY
Sample : P3109-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC3

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\SFAMUTR061724WMA.M
Title : TRACE VOA SFAM1.0

37	12.859	3578	3598	3611	rBV	82622	158543	1.55%	0.363%
38	13.322	3728	3742	3753	rVB	62685	102757	1.00%	0.236%

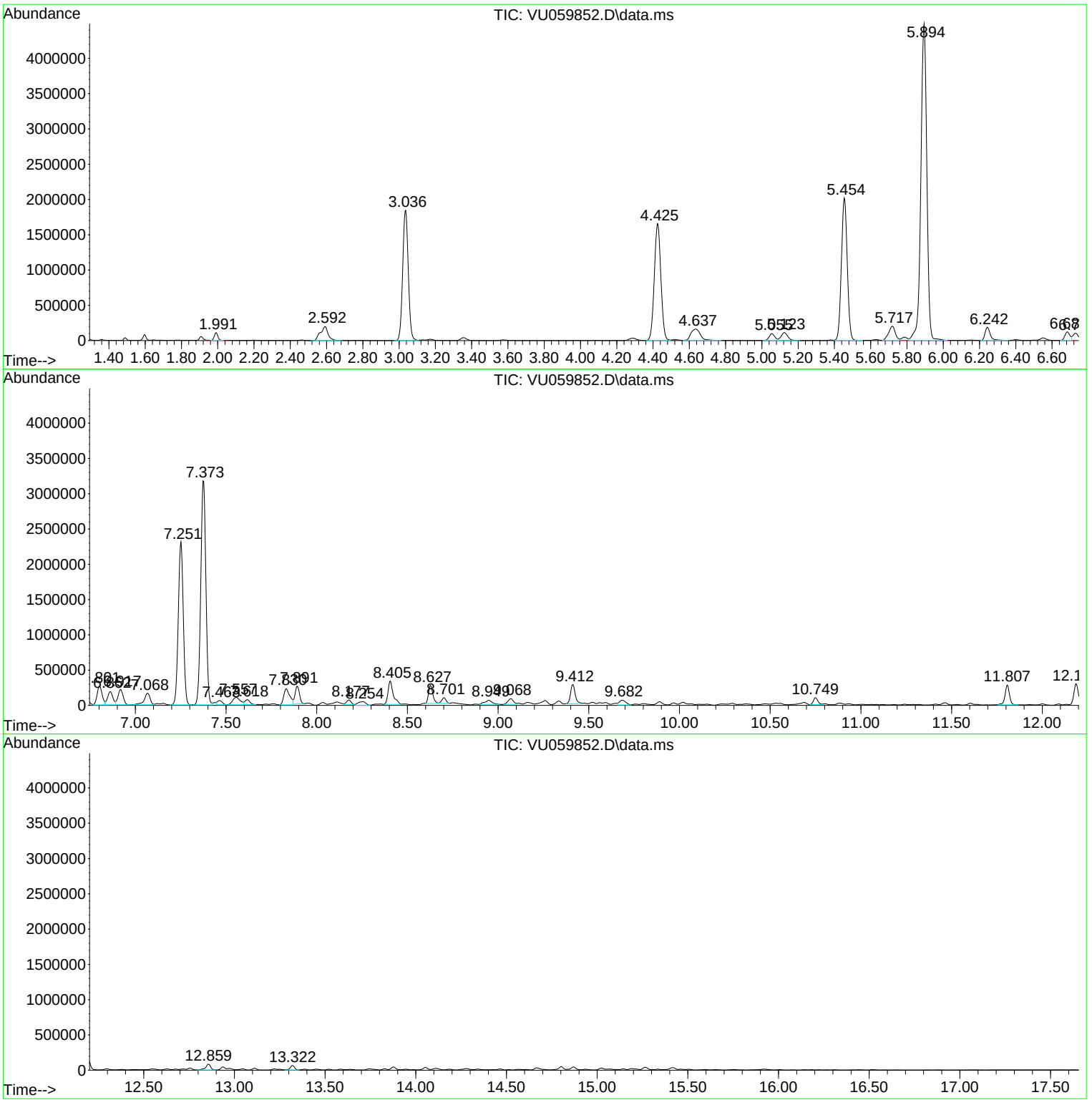
Sum of corrected areas: 43630303

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
Data File : VU059852.D
Acq On : 05 Jul 2024 11:23
Operator : MD/SY
Sample : P3109-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.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\VU070524\
Data File : VU059852.D
Acq On : 05 Jul 2024 11:23
Operator : MD/SY
Sample : P3109-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC3

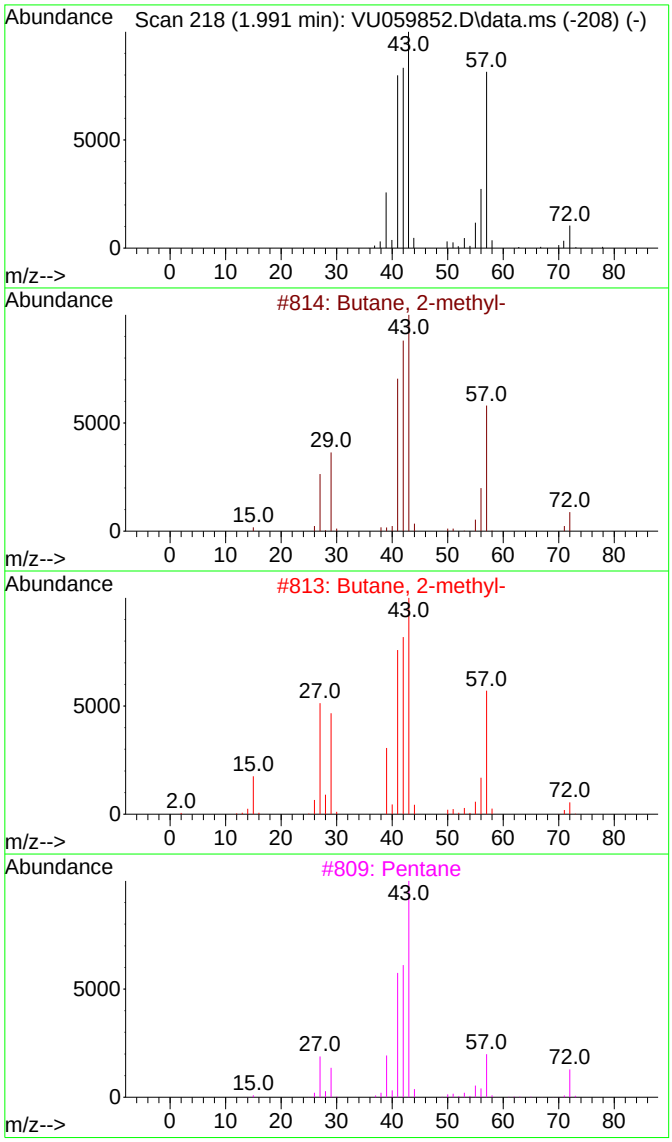
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

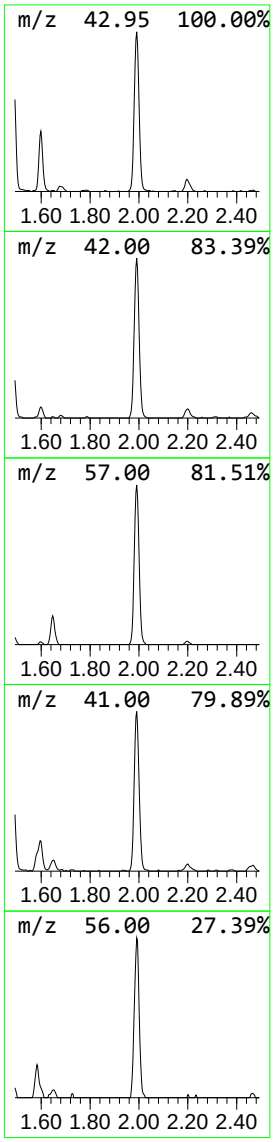
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.991	2.01 ug/L	152463	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	90
2	Butane, 2-methyl-	72	C5H12	000078-78-4	86
3	Pentane	72	C5H12	000109-66-0	36
4	Pentane	72	C5H12	000109-66-0	33
5	2(3H)-Furanone, dihydro-4-methyl-	100	C5H8O2	001679-49-8	28





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
Data File : VU059852.D
Acq On : 05 Jul 2024 11:23
Operator : MD/SY
Sample : P3109-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC3

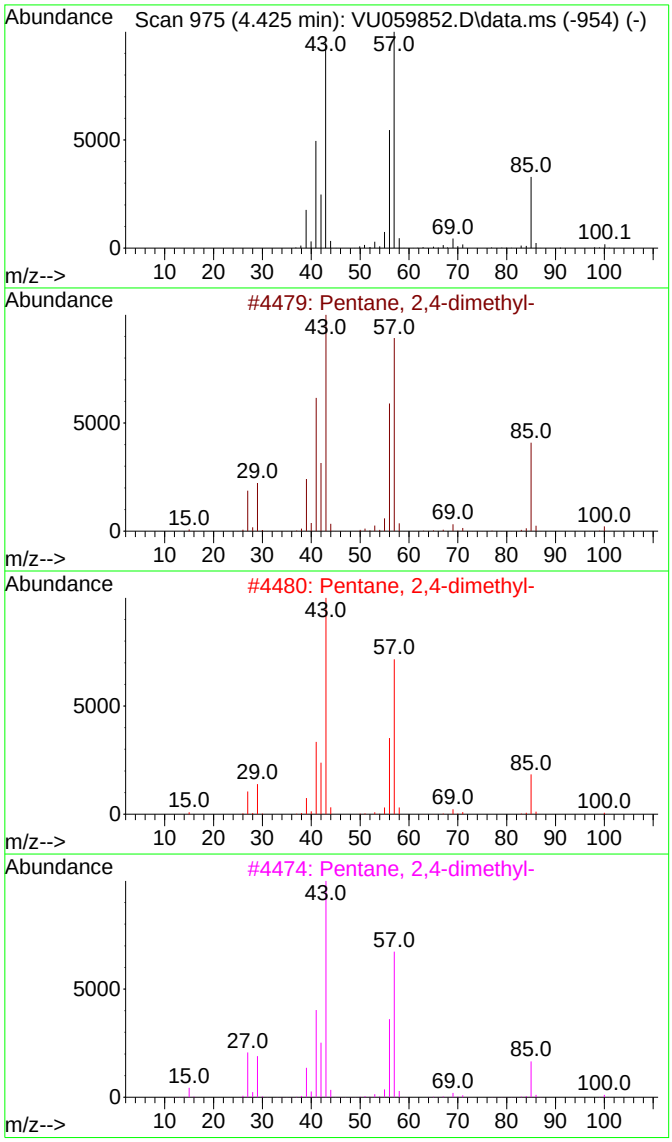
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

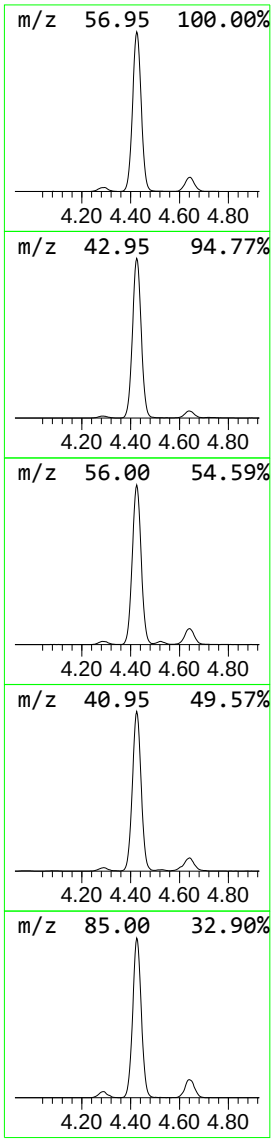
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.425	54.75 ug/L	4146240	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	94
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	64
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
Data File : VU059852.D
Acq On : 05 Jul 2024 11:23
Operator : MD/SY
Sample : P3109-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC3

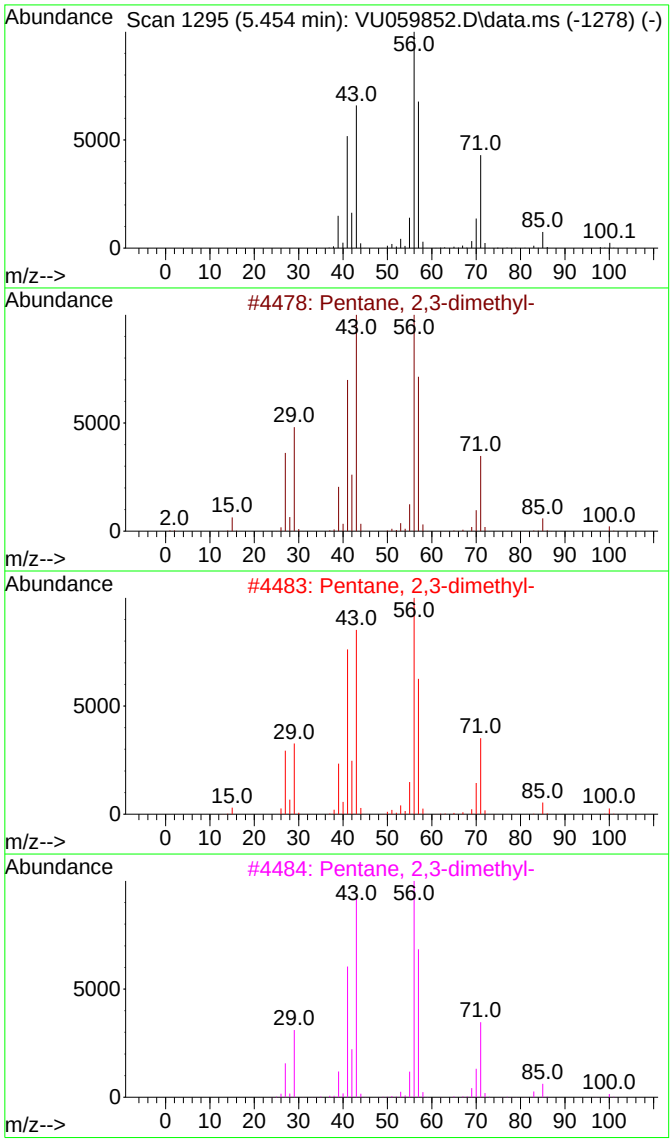
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

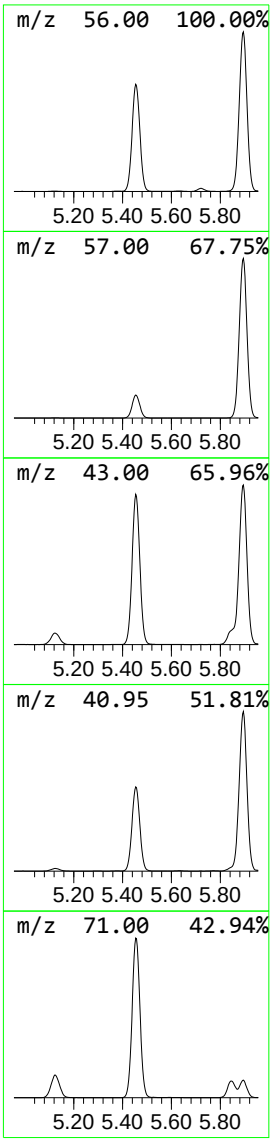
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.454	59.85 ug/L	4531960	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
Data File : VU059852.D
Acq On : 05 Jul 2024 11:23
Operator : MD/SY
Sample : P3109-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC3

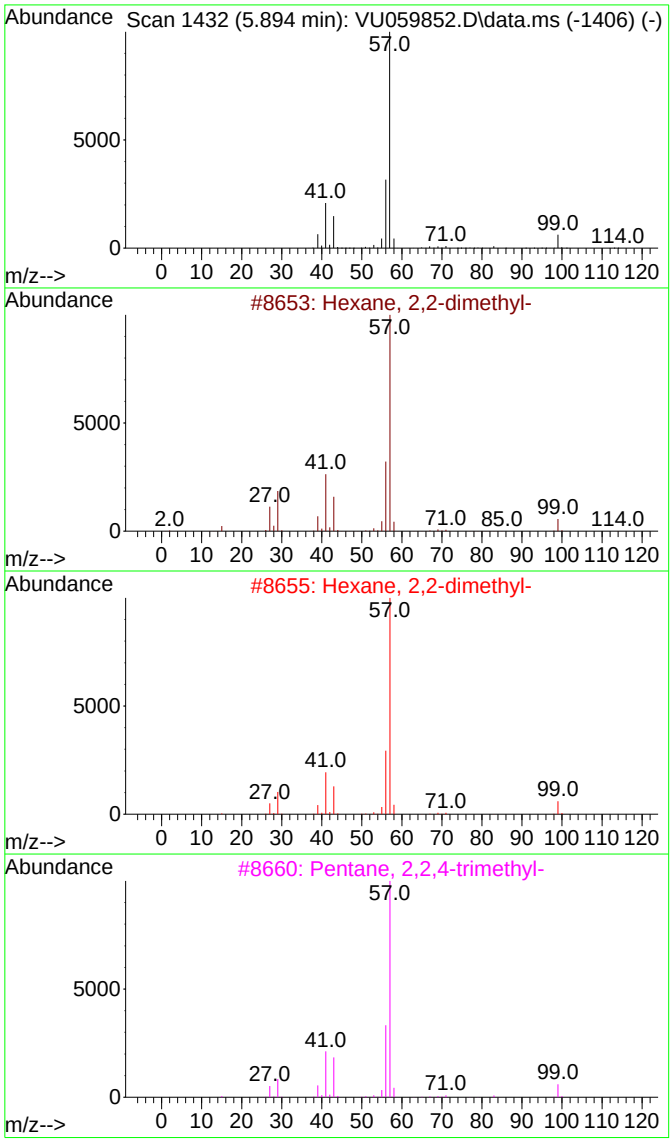
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

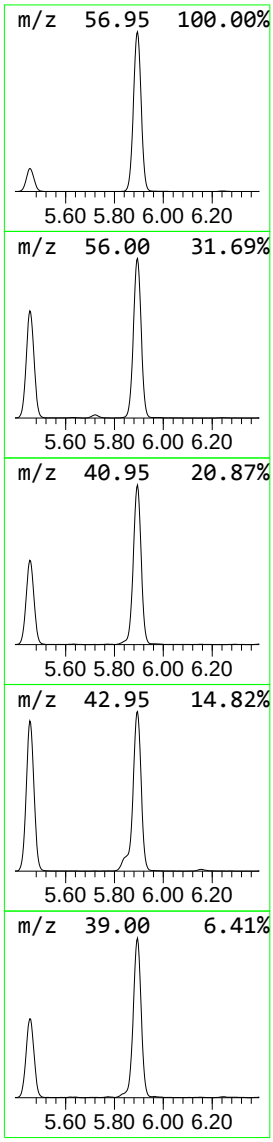
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.894	135.35 ug/L	10249400	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	83
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	83
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	83
4	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	83
5	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
Data File : VU059852.D
Acq On : 05 Jul 2024 11:23
Operator : MD/SY
Sample : P3109-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC3

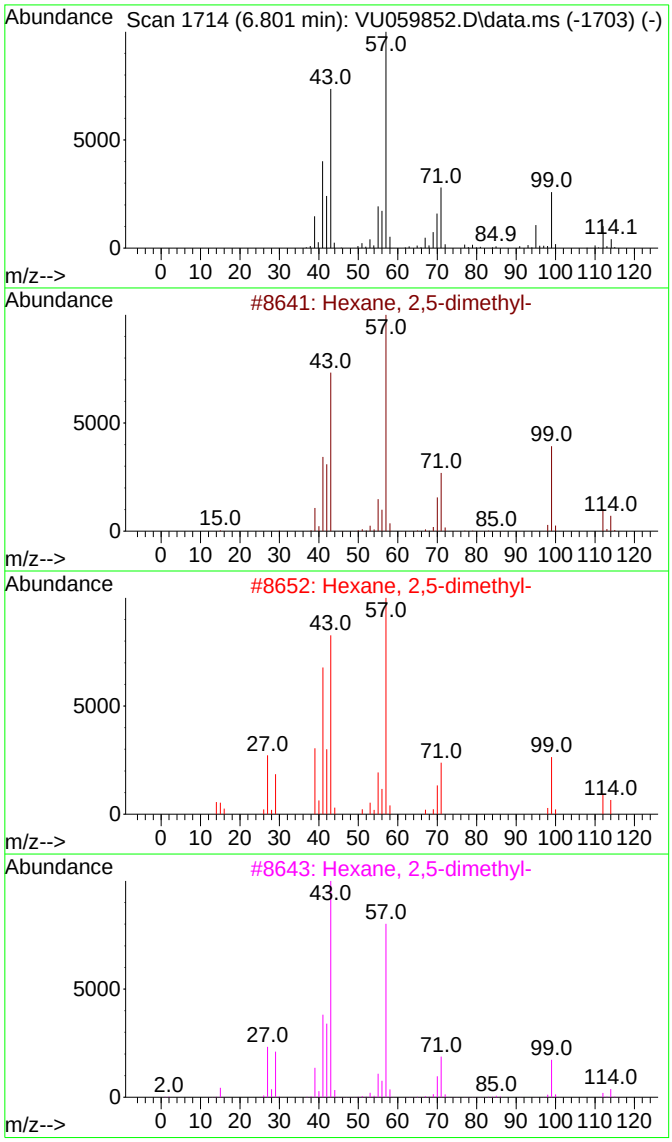
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

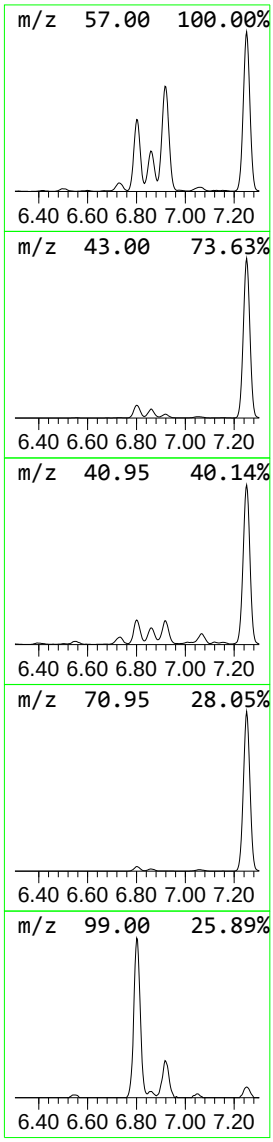
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.801	6.83 ug/L	517241	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	87
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	87
3	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	80
4	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	47
5	Guanidineacetic acid	117	C3H7N3O2	000352-97-6	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
Data File : VU059852.D
Acq On : 05 Jul 2024 11:23
Operator : MD/SY
Sample : P3109-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC3

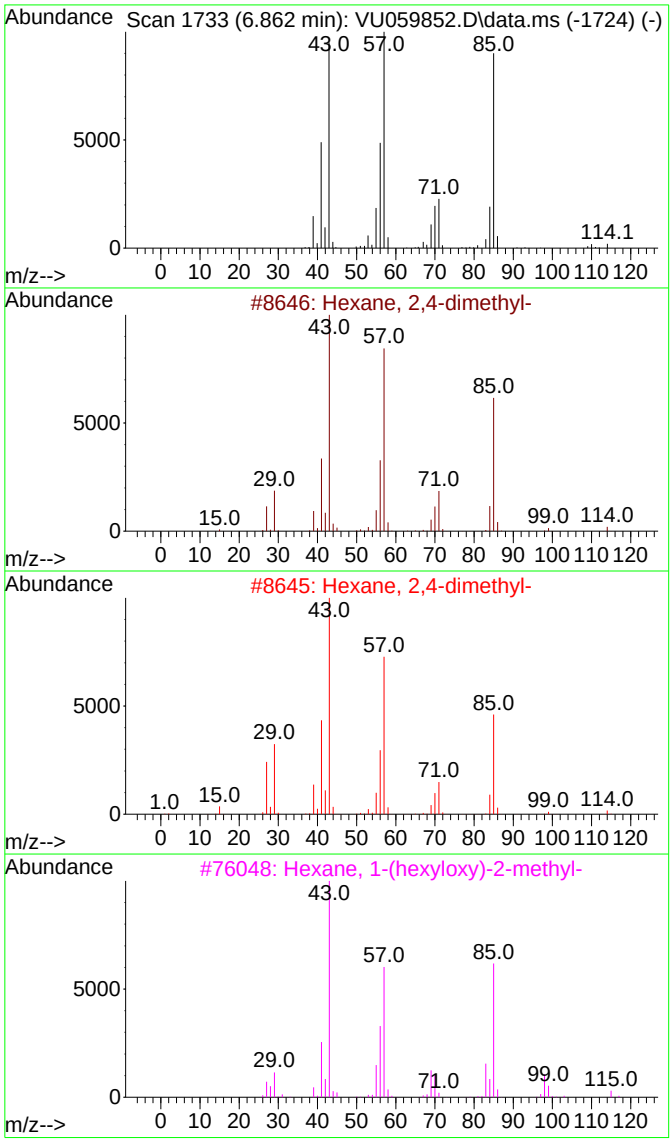
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

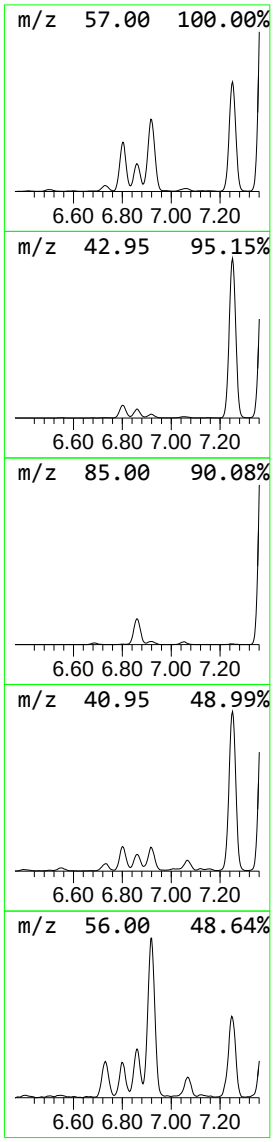
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.862	5.01 ug/L	379586	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	94
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	83
3	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	64
4	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	53
5	2-Butene, 1,4-diethoxy-	144	C8H16O2	007250-85-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
Data File : VU059852.D
Acq On : 05 Jul 2024 11:23
Operator : MD/SY
Sample : P3109-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC3

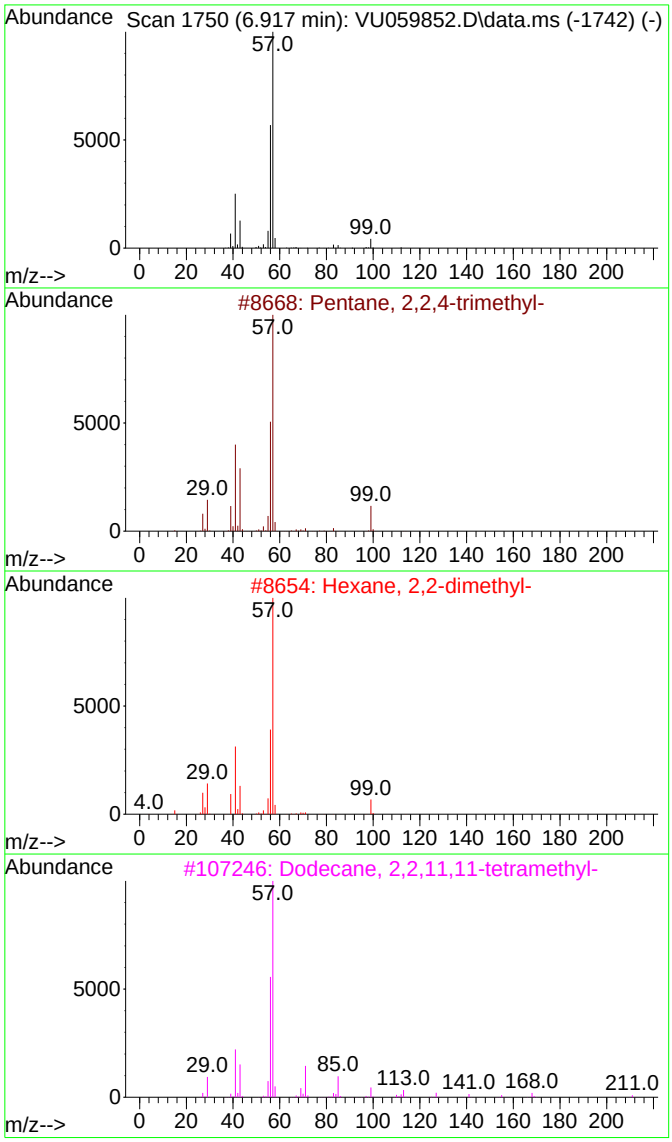
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

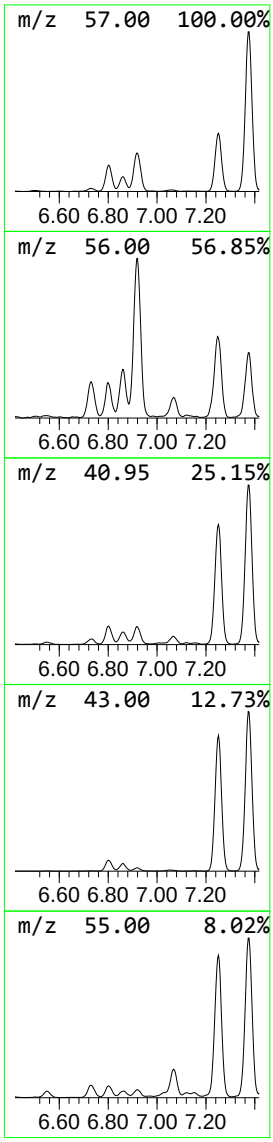
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.917	5.54 ug/L	419563	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
3	Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	72
4	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	56
5	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
Data File : VU059852.D
Acq On : 05 Jul 2024 11:23
Operator : MD/SY
Sample : P3109-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC3

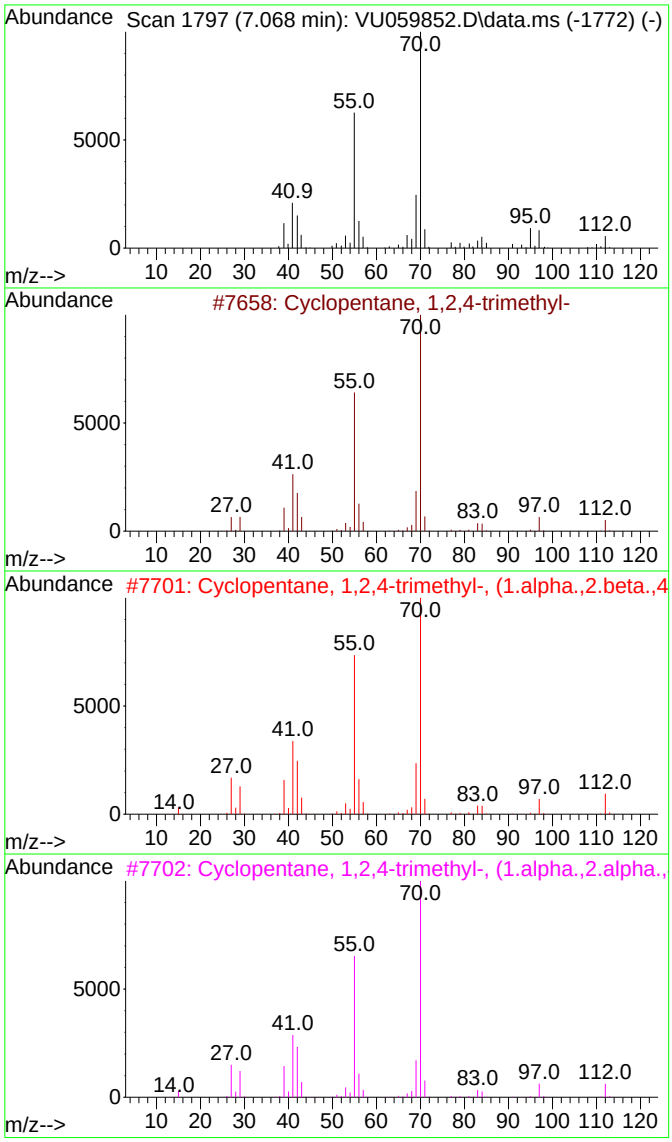
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

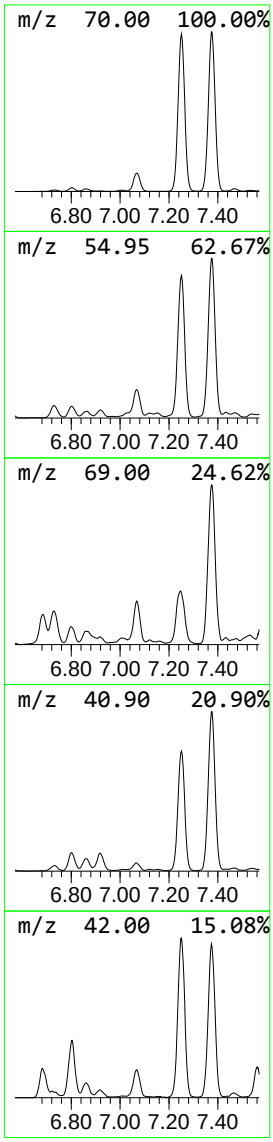
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic7.068 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.068	4.78 ug/L	362122	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	90
2	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	90
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	90
4	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	78
5	Heptane, 3-methylene-	112	C8H16	001632-16-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
Data File : VU059852.D
Acq On : 05 Jul 2024 11:23
Operator : MD/SY
Sample : P3109-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC3

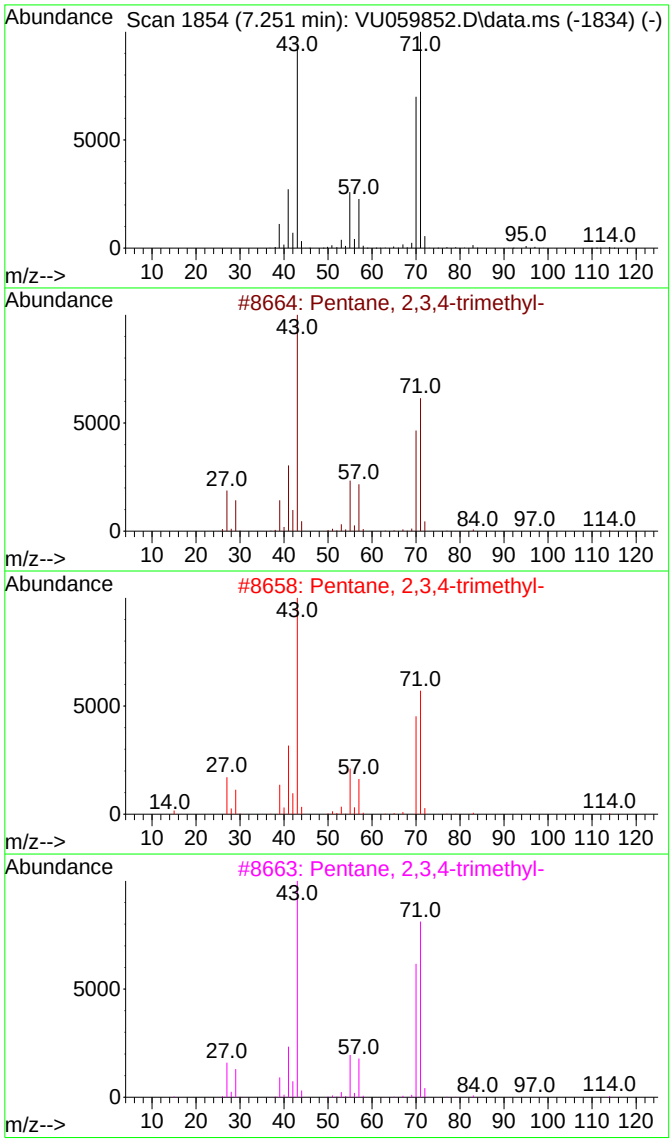
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

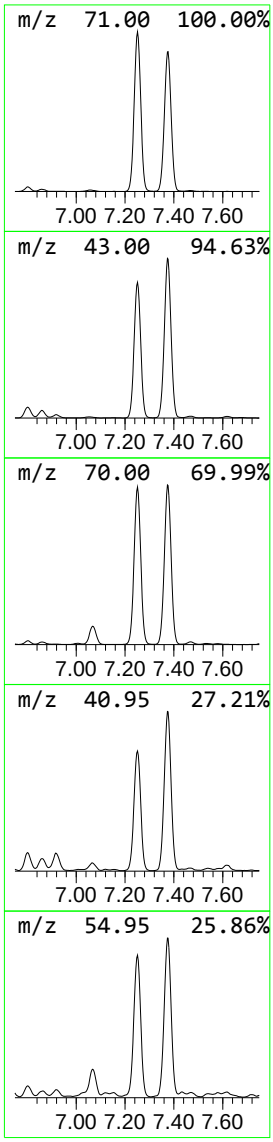
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.251	58.19 ug/L	4406550	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
4	Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	80





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Data File : VU059852.D
Acq On : 05 Jul 2024 11:23
Operator : MD/SY
Sample : P3109-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC3

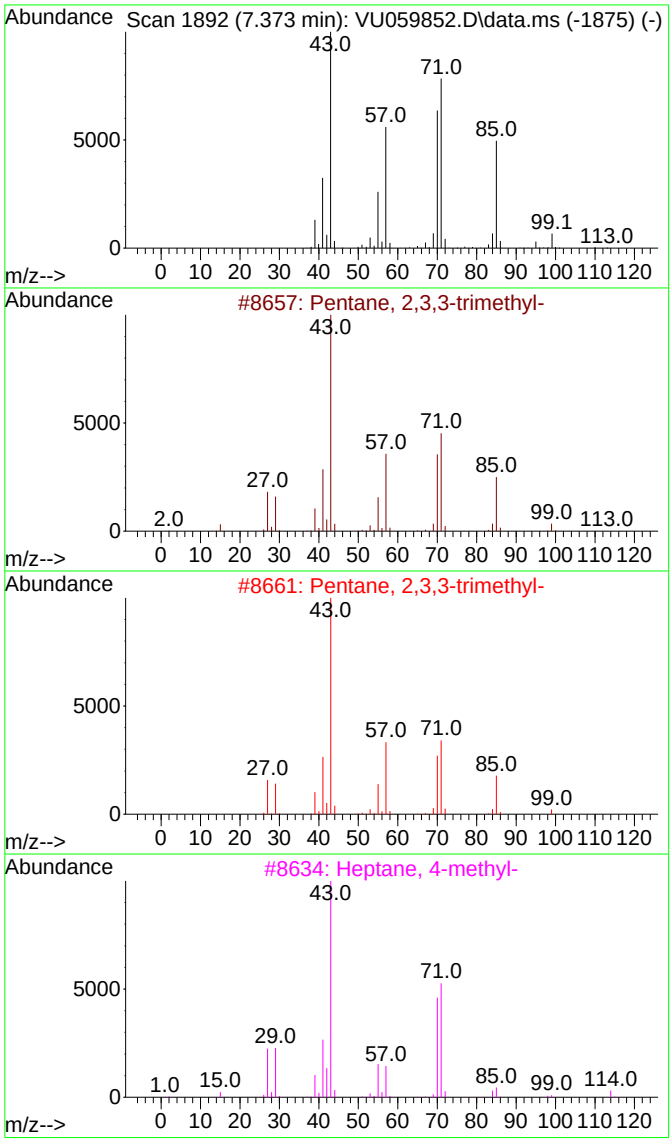
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

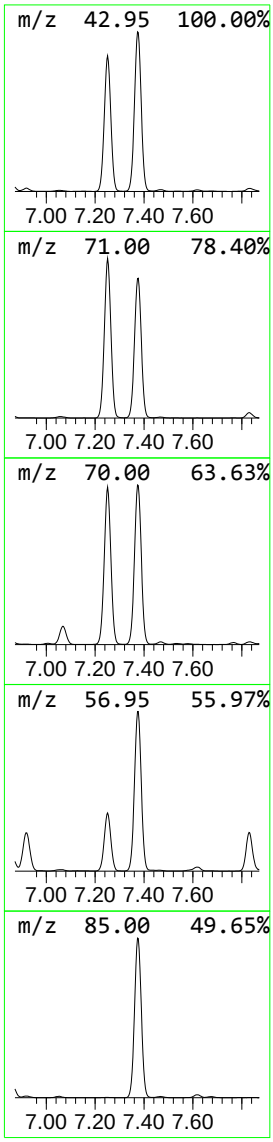
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.373	81.75 ug/L	6190680	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	59
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	59
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	59





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Data File : VU059852.D
Acq On : 05 Jul 2024 11:23
Operator : MD/SY
Sample : P3109-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

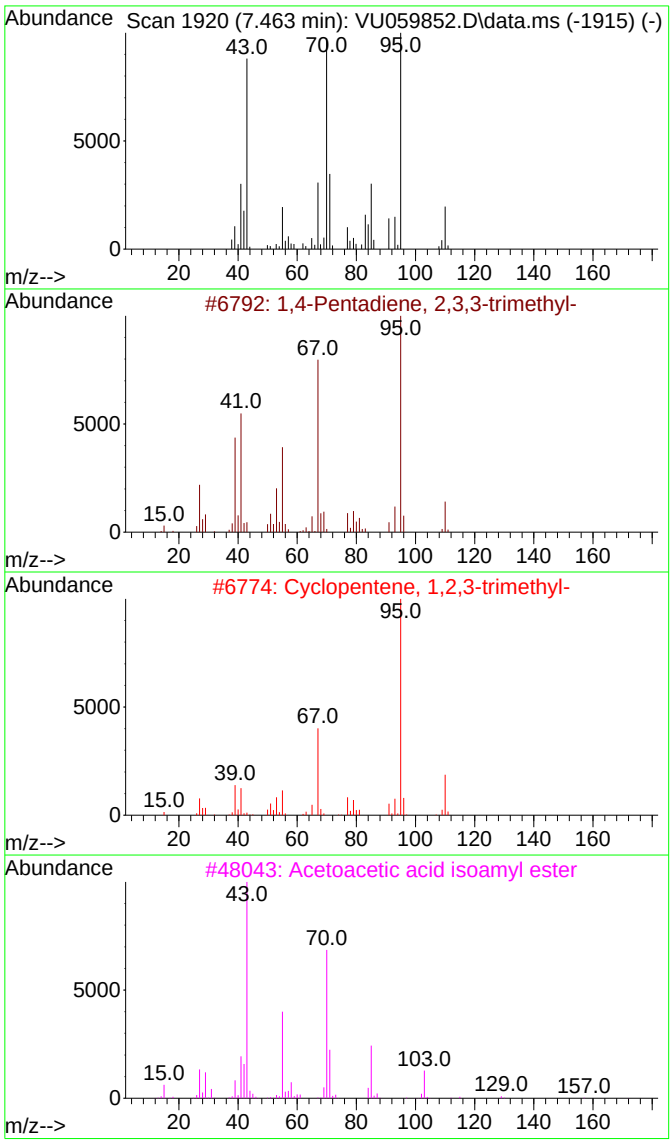
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

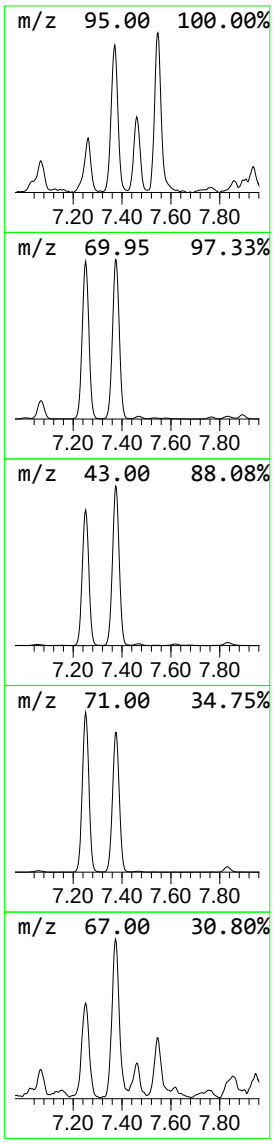
****

Peak Number 11 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.463	1.36 ug/L	102989	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	38
2	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	38
3	Acetoacetic acid isoamyl ester	172	C9H16O3	002308-18-1	35
4	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	35
5	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	35





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Data File : VU059852.D
Acq On : 05 Jul 2024 11:23
Operator : MD/SY
Sample : P3109-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC3

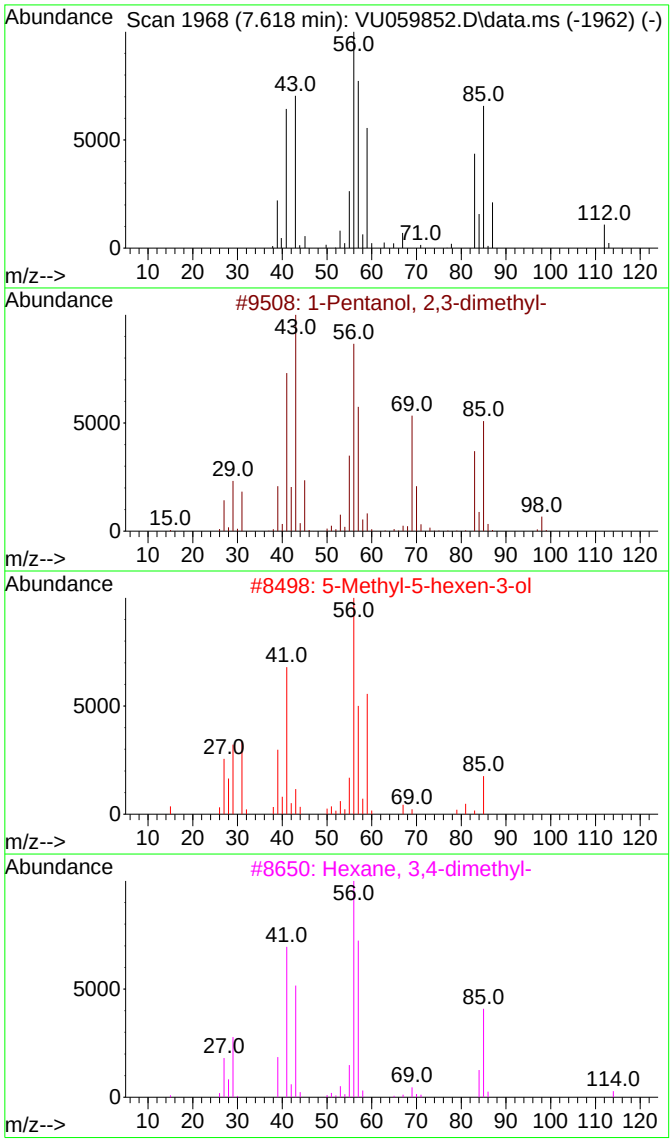
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

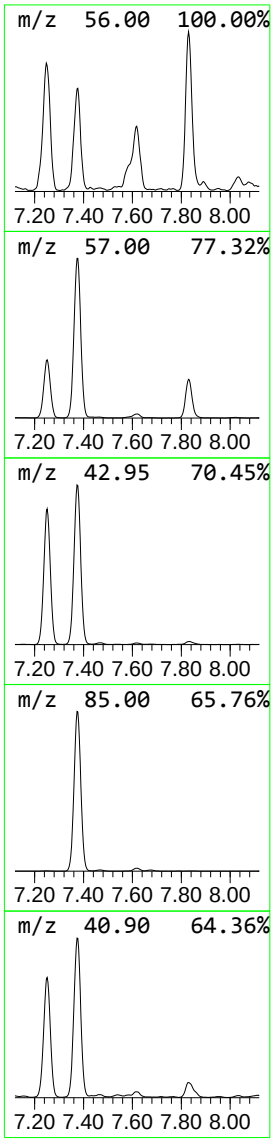
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1-Pentanol, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.618	1.66 ug/L	126050	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 2,3-dimethyl-	116	C7H16O	010143-23-4	53
2	5-Methyl-5-hexen-3-ol	114	C7H14O	067760-89-8	38
3	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	38
4	Cyclopentanone, 2,3-dimethyl-	112	C7H12O	1000151-06-7	35
5	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	30





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Data File : VU059852.D
Acq On : 05 Jul 2024 11:23
Operator : MD/SY
Sample : P3109-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC3

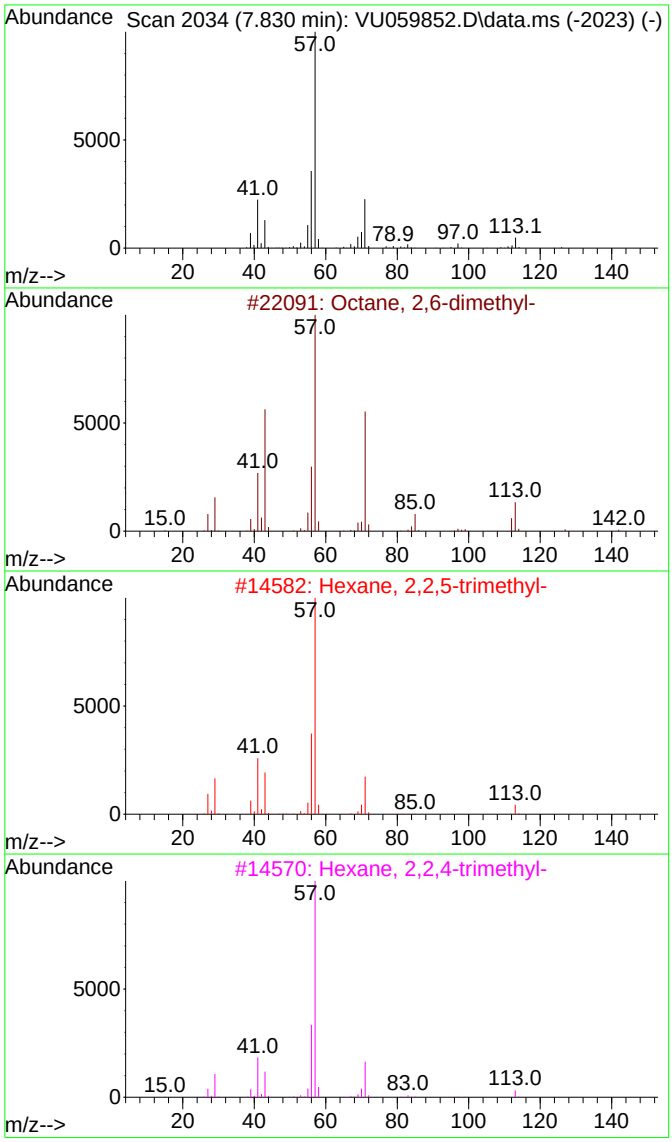
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

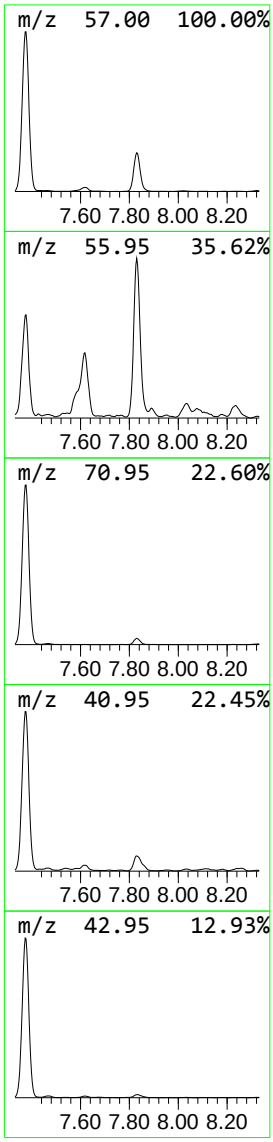
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.830	5.46 ug/L	532274	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	78
3	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64
4	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	59
5	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
Data File : VU059852.D
Acq On : 05 Jul 2024 11:23
Operator : MD/SY
Sample : P3109-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC3

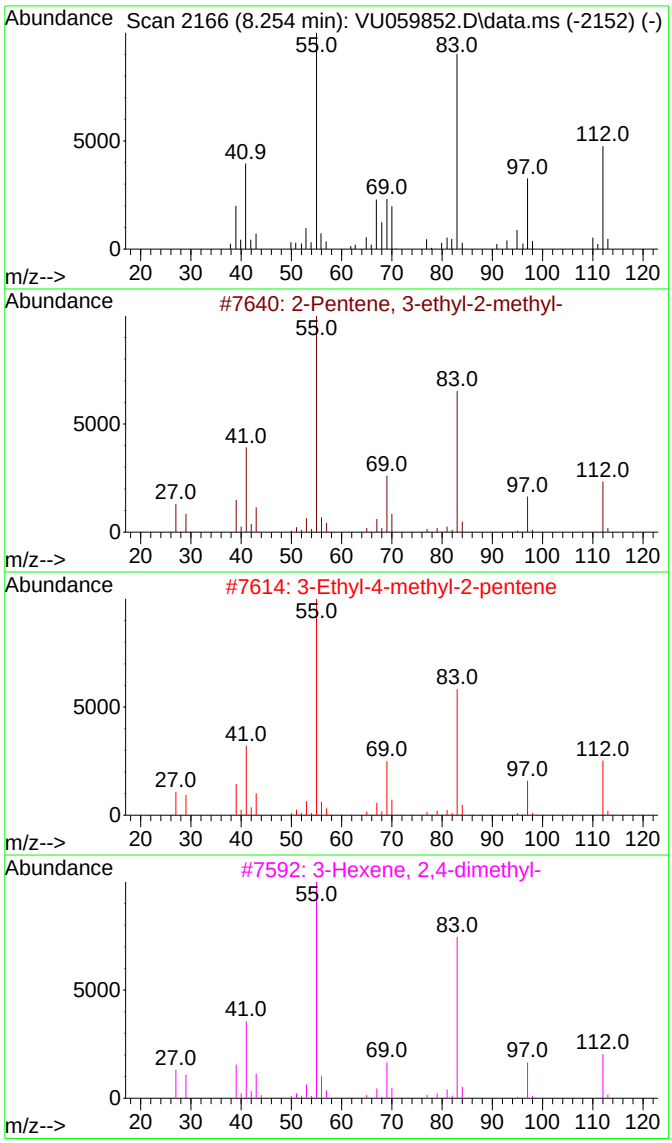
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

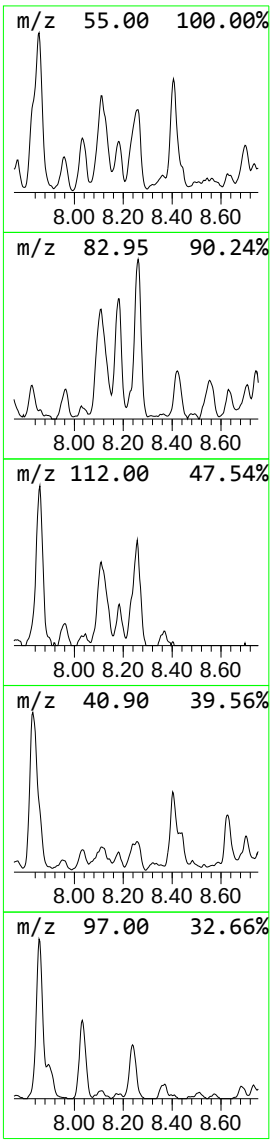
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.254	1.43 ug/L	139421	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	72
2	3-Ethyl-4-methyl-2-pentene	112	C8H16	019780-68-8	64
3	3-Hexene, 2,4-dimethyl-	112	C8H16	082085-14-1	64
4	3-Hexene, 2,2-dimethyl-, (Z)-	112	C8H16	000690-92-6	64
5	3-Ethylcyclopentanone	112	C7H12O	010264-55-8	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
Data File : VU059852.D
Acq On : 05 Jul 2024 11:23
Operator : MD/SY
Sample : P3109-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC3

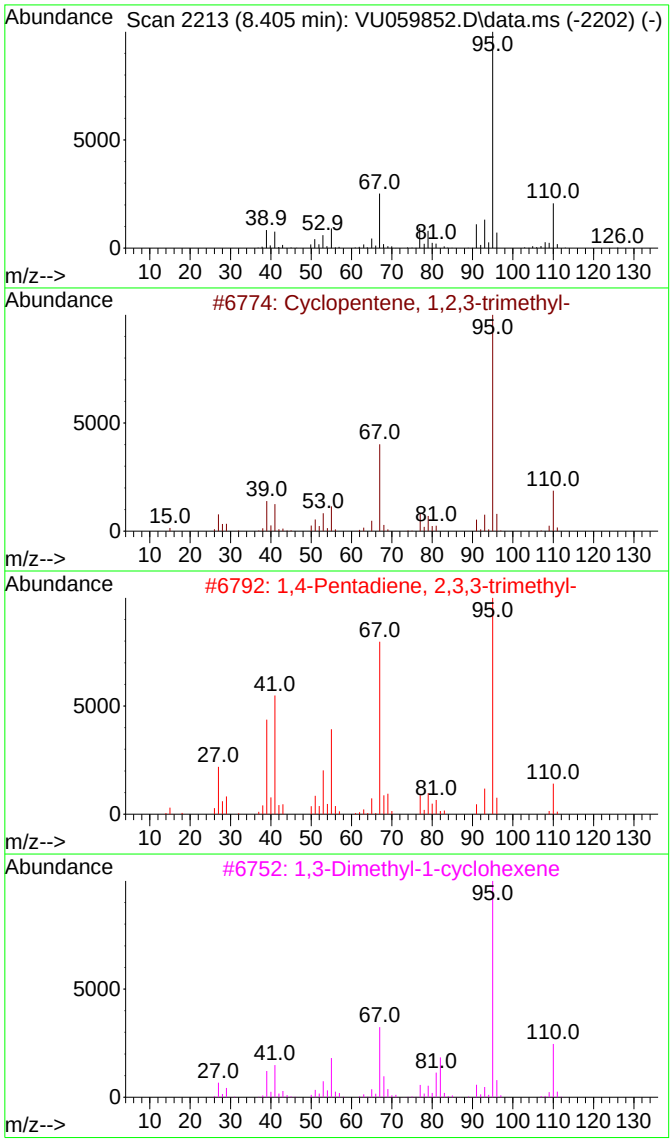
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

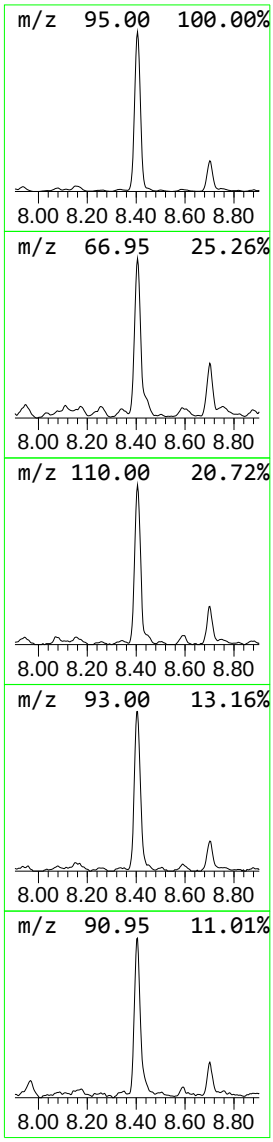
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.405	6.68 ug/L	651271	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	91
2	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	87
3	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	80
4	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	72
5	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
Data File : VU059852.D
Acq On : 05 Jul 2024 11:23
Operator : MD/SY
Sample : P3109-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC3

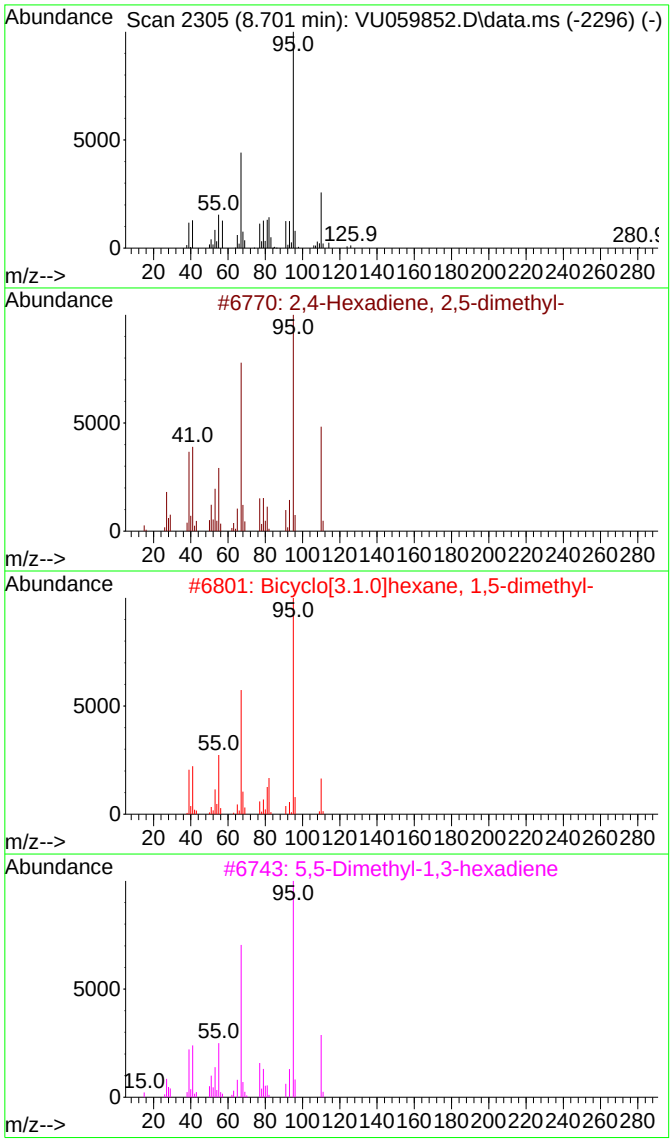
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

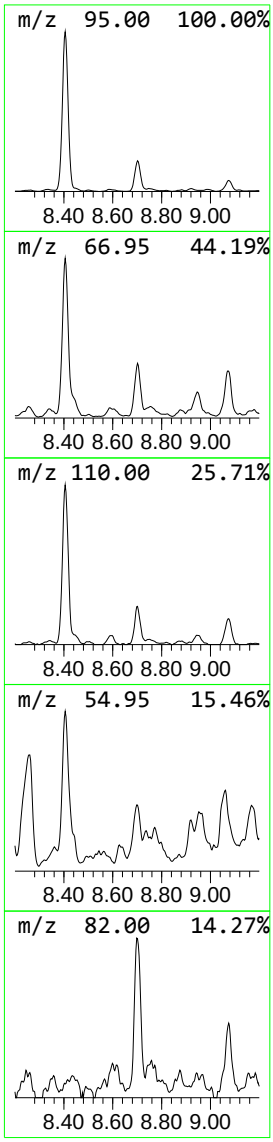
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 2,4-Hexadiene, 2,5-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.701	1.32 ug/L	128621	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	92
2	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	90
3	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	87
4	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	87
5	4-Methyl-1,3-heptadiene	110	C8H14	017603-57-5	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
Data File : VU059852.D
Acq On : 05 Jul 2024 11:23
Operator : MD/SY
Sample : P3109-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC3

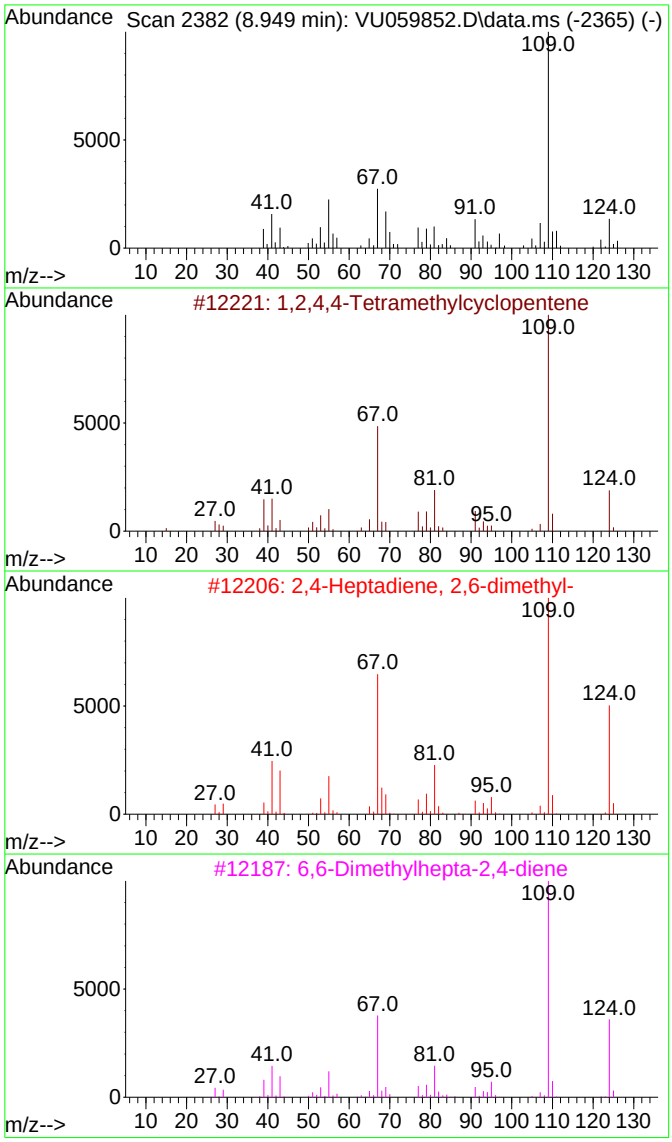
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

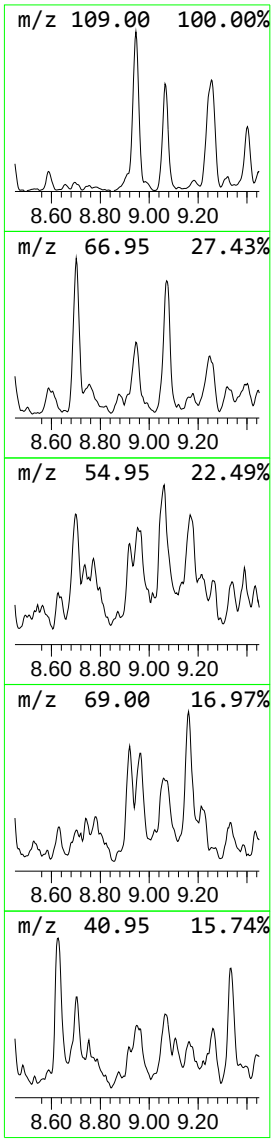
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1,2,4,4-Tetramethylcyclopen... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.949	1.72 ug/L	167601	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,4-Tetramethylcyclopentene	124	C9H16	065378-76-9	74
2	2,4-Heptadiene, 2,6-dimethyl-	124	C9H16	004634-87-1	72
3	6,6-Dimethylhepta-2,4-diene	124	C9H16	1000195-03-3	64
4	3,3,5,5-Tetramethylcyclopentene	124	C9H16	038667-10-6	59
5	Cyclopropane, 1,1-dimethyl-2-(2-...	124	C9H16	033422-32-1	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
Data File : VU059852.D
Acq On : 05 Jul 2024 11:23
Operator : MD/SY
Sample : P3109-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC3

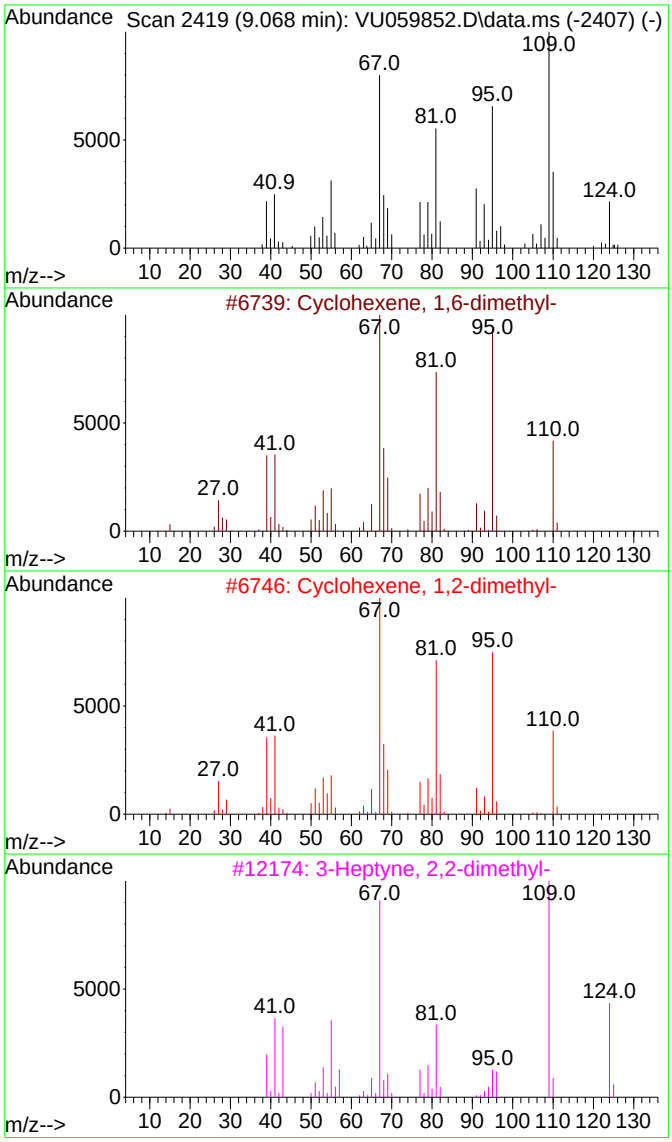
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

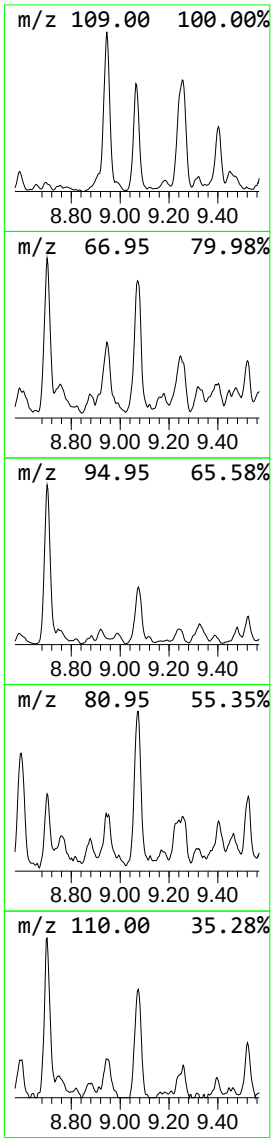
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Cyclohexene, 1,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.068	1.76 ug/L	171576	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1,6-dimethyl-	110	C8H14	001759-64-4	89
2	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	89
3	3-Heptyne, 2,2-dimethyl-	124	C9H16	029022-29-5	58
4	2,4-Hexadiene, 2,3-dimethyl-	110	C8H14	005678-98-8	46
5	3-Cyclohexene-1-carboxaldehyde, ...	124	C8H12O	000931-96-4	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
Data File : VU059852.D
Acq On : 05 Jul 2024 11:23
Operator : MD/SY
Sample : P3109-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC3

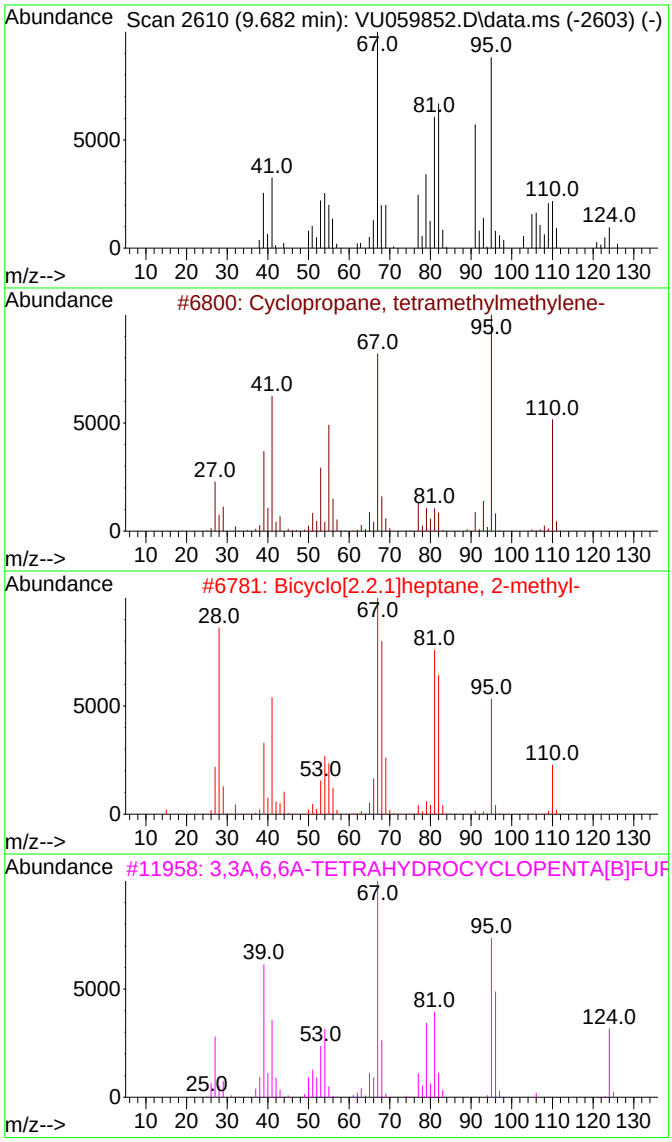
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

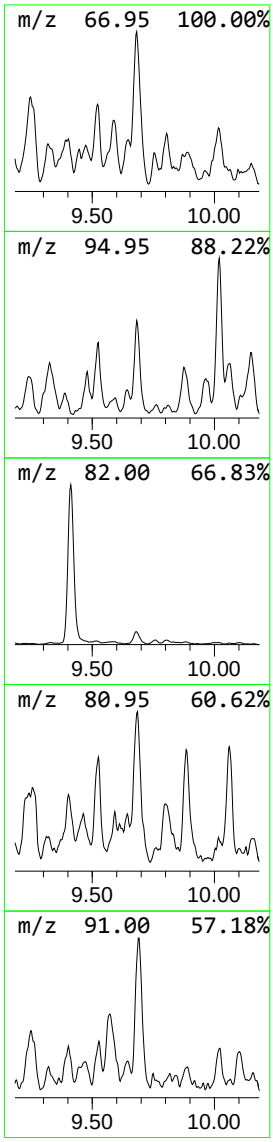
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Cyclopropane, tetramethylme... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.682	1.64 ug/L	159608	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, tetramethylmethylene-	110	C8H14	054376-39-5	58
2	Bicyclo[2.2.1]heptane, 2-methyl-	110	C8H14	015185-11-2	52
3	3,3A,6,6A-TETRAHYDROCYCLOPENTA[B...	124	C7H8O2	054483-22-6	52
4	trans-1-Butenylcyclopentane	124	C9H16	1000113-50-9	50
5	Bicyclo[5.1.0]octane	110	C8H14	000286-43-1	49





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Acq On : 05 Jul 2024 11:23
Operator : MD/SY
Sample : P3109-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC3

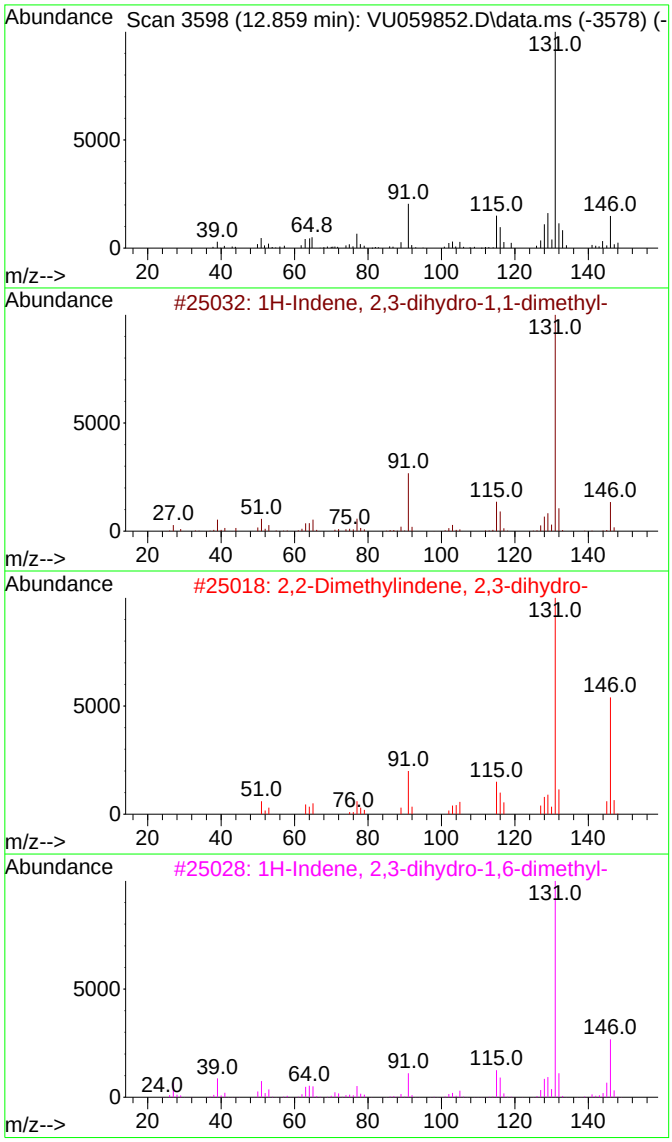
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

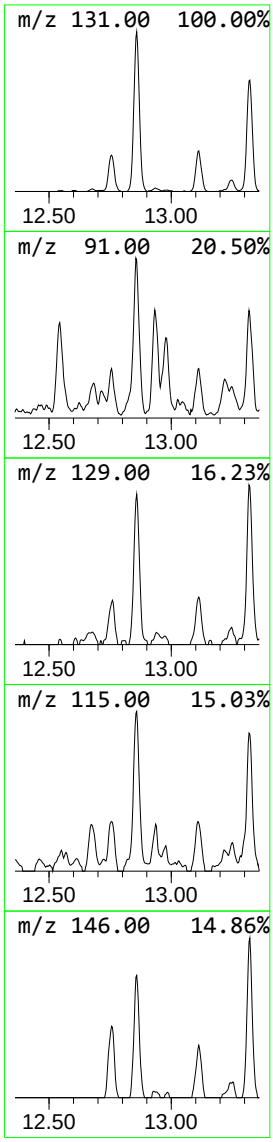
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.859	1.67 ug/L	158543	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	95
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
Data File : VU059852.D
Acq On : 05 Jul 2024 11:23
Operator : MD/SY
Sample : P3109-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC3

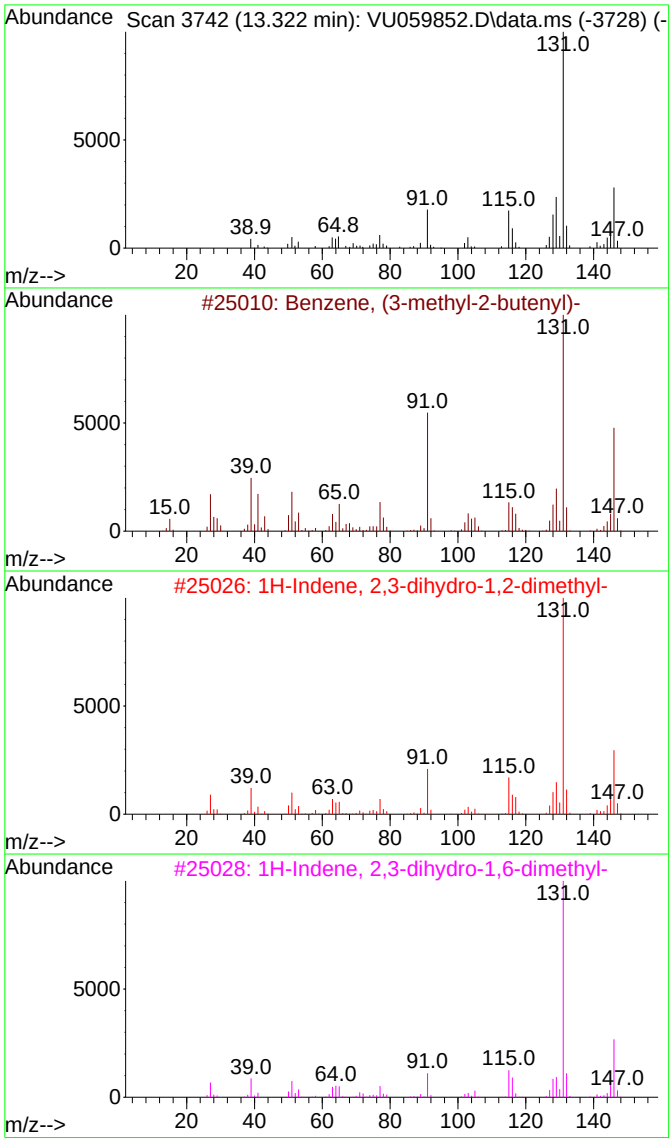
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

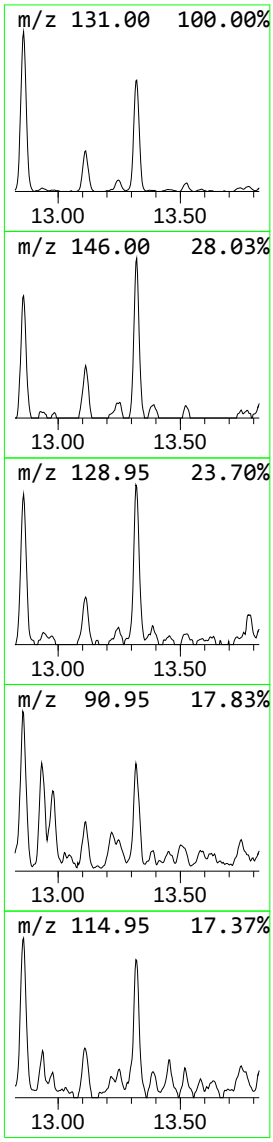
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzene, (3-methyl-2-butenyl)- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.322	1.08 ug/L	102757	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
Data File : VU059852.D
Acq On : 05 Jul 2024 11:23
Operator : MD/SY
Sample : P3109-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.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...	1.991	2.0	ug/L	152463	1	6.242	378624	5.0
(DEL) Alkane: S...	4.425	54.8	ug/L	4146240	1	6.242	378624	5.0
(DEL) Alkane: S...	5.454	59.9	ug/L	4531960	1	6.242	378624	5.0
(DEL) Alkane: S...	5.894	135.3	ug/L	10249400	1	6.242	378624	5.0
(DEL) Alkane: S...	6.801	6.8	ug/L	517241	1	6.242	378624	5.0
(DEL) Alkane: S...	6.862	5.0	ug/L	379586	1	6.242	378624	5.0
(DEL) Alkane: S...	6.917	5.5	ug/L	419563	1	6.242	378624	5.0
(DEL) Alkane: C...	7.068	4.8	ug/L	362122	1	6.242	378624	5.0
(DEL) Alkane: S...	7.251	58.2	ug/L	4406550	1	6.242	378624	5.0
(DEL) Alkane: S...	7.373	81.8	ug/L	6190680	1	6.242	378624	5.0
unknown-01	7.463	1.4	ug/L	102989	1	6.242	378624	5.0
1-Pentanol, 2,3...	7.618	1.7	ug/L	126050	1	6.242	378624	5.0
(DEL) Alkane: S...	7.830	5.5	ug/L	532274	2	9.412	487425	5.0
(DEL) Alkane: S...	8.254	1.4	ug/L	139421	2	9.412	487425	5.0
Cyclopentene, 1...	8.405	6.7	ug/L	651271	2	9.412	487425	5.0
2,4-Hexadiene, ...	8.701	1.3	ug/L	128621	2	9.412	487425	5.0
1,2,4,4-Tetrame...	8.949	1.7	ug/L	167601	2	9.412	487425	5.0
Cyclohexene, 1,...	9.068	1.8	ug/L	171576	2	9.412	487425	5.0
Cyclopropane, t...	9.682	1.6	ug/L	159608	2	9.412	487425	5.0
1H-Indene, 2,3-...	12.859	1.7	ug/L	158543	3	11.807	474333	5.0
Benzene, (3-met...	13.322	1.1	ug/L	102757	3	11.807	474333	5.0