LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
Data File : VV027679.D
Acq On : 01 Sep 2022 20:12
Operator : SY/MD
Sample : N4366-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E75

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_V\Method\SFAMVTR083122WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV027679.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.211	47	53	58	rBV	52998	45495	1.77%	0.236%
2	1.298	72	80	87	rBV	243751	243599	9.47%	1.264%
3	1.339	87	93	103	rVB	50970	61175	2.38%	0.317%
4	1.558	154	161	172	rBV	89603	101982	3.96%	0.529%
5	1.622	172	181	192	rBV	393681	474197	18.43%	2.461%
6	2.098	318	329	353	rBV2	207515	518945	20.17%	2.693%
7	2.481	431	448	464	rBV	610322	1229553	47.79%	6.381%
8	2.561	465	473	487	rVB	114730	215576	8.38%	1.119%
9	2.748	513	531	583	rBV	1342428	2572680	100.00%	13.351%
10	3.523	755	772	786	rBV3	13609	37283	1.45%	0.193%
11	3.651	791	812	832	rBV	299083	802189	31.18%	4.163%
12	3.899	859	889	953	rBV	568487	1695107	65.89%	8.797%
13	4.342	1010	1027	1060	rBV2	127349	416149	16.18%	2.160%
14	4.667	1111	1128	1138	rBV5	19863	52022	2.02%	0.270%
15	4.751	1138	1154	1191	rVB2	333231	887827	34.51%	4.607%
16	4.934	1193	1211	1227	rVB5	17025	44214	1.72%	0.229%
17	5.040	1229	1244	1273	rBV2	297794	785507	30.53%	4.076%
18	5.223	1273	1301	1315	rBV	750685	1949105	75.76%	10.115%
19	5.612	1410	1422	1441	rBV2	159824	343861	13.37%	1.784%
20	5.908	1501	1514	1549	rBV	287201	611194	23.76%	3.172%
21	6.066	1549	1563	1592	rBV3	161346	445846	17.33%	2.314%
22	6.249	1608	1620	1629	rBV3	33501	69003	2.68%	0.358%
23	6.301	1629	1636	1650	rVB2	23609	47527	1.85%	0.247%
24	6.455	1669	1684	1699	rVB4	38909	87981	3.42%	0.457%
25	6.648	1727	1744	1766	rVB	365006	773186	30.05%	4.012%
26	6.770	1766	1782	1802	rBV	399940	853146	33.16%	4.427%
27	6.985	1829	1849	1872	rBV2	76529	193765	7.53%	1.006%
28	7.169	1892	1906	1921	rVB10	13711	38188	1.48%	0.198%
29	7.259	1921	1934	1941	rBV5	31979	67084	2.61%	0.348%
30	7.313	1941	1951	1972	rVB	321126	580934	22.58%	3.015%
31	7.583	2027	2035	2040	rBV3	16180	25909	1.01%	0.134%
32	7.622	2041	2047	2065	rVB2	38592	96205	3.74%	0.499%
33	7.783	2079	2097	2105	rBV3	30048	63699	2.48%	0.331%
34	7.837	2105	2114	2141	rVB	103822	217092	8.44%	1.127%
35	7.973	2147	2156	2183	rVB7	22562	58195	2.26%	0.302%
36	8.095	2183	2194	2222	rBV	262447	611451	23.77%	3.173%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
Data File : VV027679.D
Acq On : 01 Sep 2022 20:12
Operator : SY/MD
Sample : N4366-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E75

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_V\Method\SFAMVTR083122WMA.M
Title : TRACE VOA SFAM1.0

37	8.342	2259	2271	2278	rBV5	14436	29611	1.15%	0.154%
38	8.391	2278	2286	2306	rVB4	26317	61046	2.37%	0.317%
39	8.509	2310	2323	2339	rBV3	37934	70949	2.76%	0.368%
40	8.850	2418	2429	2446	rBV	245816	406430	15.80%	2.109%
41	9.104	2496	2508	2532	rVB6	28810	90700	3.53%	0.471%
42	9.474	2604	2623	2637	rBV8	17562	51369	2.00%	0.267%
43	10.124	2813	2825	2836	rVB8	10687	26421	1.03%	0.137%
44	10.214	2841	2853	2867	rVB	105018	176259	6.85%	0.915%
45	11.246	3162	3174	3194	rBV	216753	339543	13.20%	1.762%
46	11.622	3279	3291	3310	rBV	254631	418199	16.26%	2.170%
47	12.194	3460	3469	3478	rVB	24791	38314	1.49%	0.199%
48	12.548	3570	3579	3594	rVB	41259	62003	2.41%	0.322%
49	12.754	3632	3643	3658	rVB	55472	87905	3.42%	0.456%
50	13.062	3731	3739	3750	rVB	19546	30142	1.17%	0.156%
51	13.307	3806	3815	3836	rVB2	37474	63882	2.48%	0.332%

Sum of corrected areas: 19269644

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
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Operator : SY/MD
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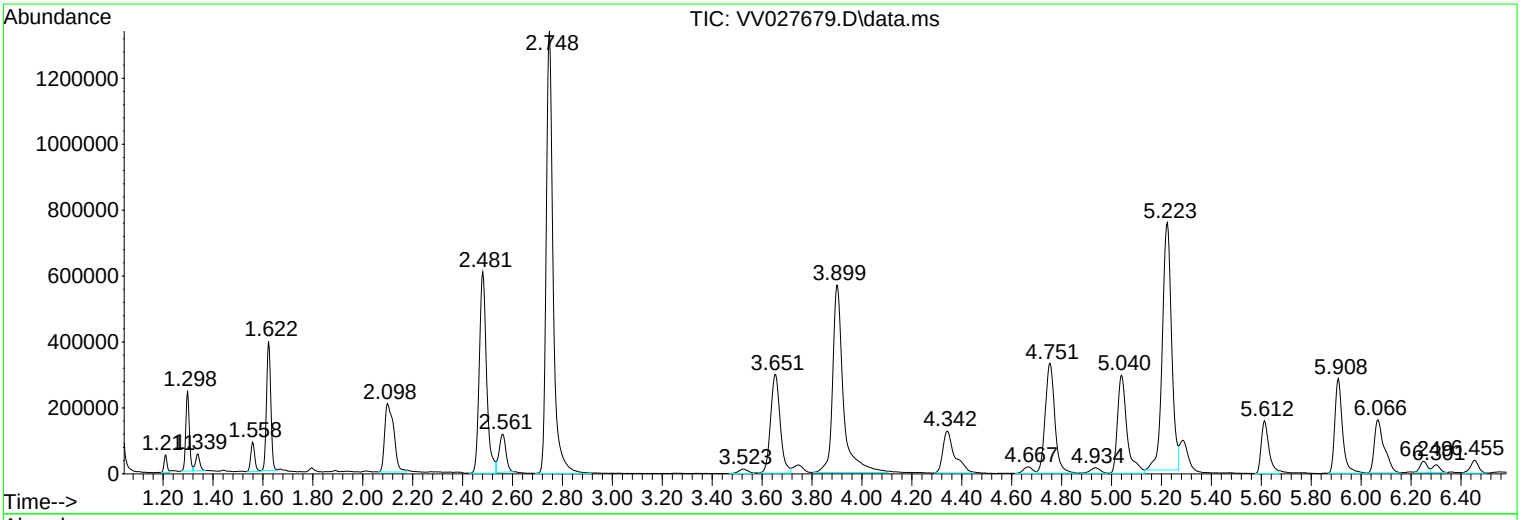
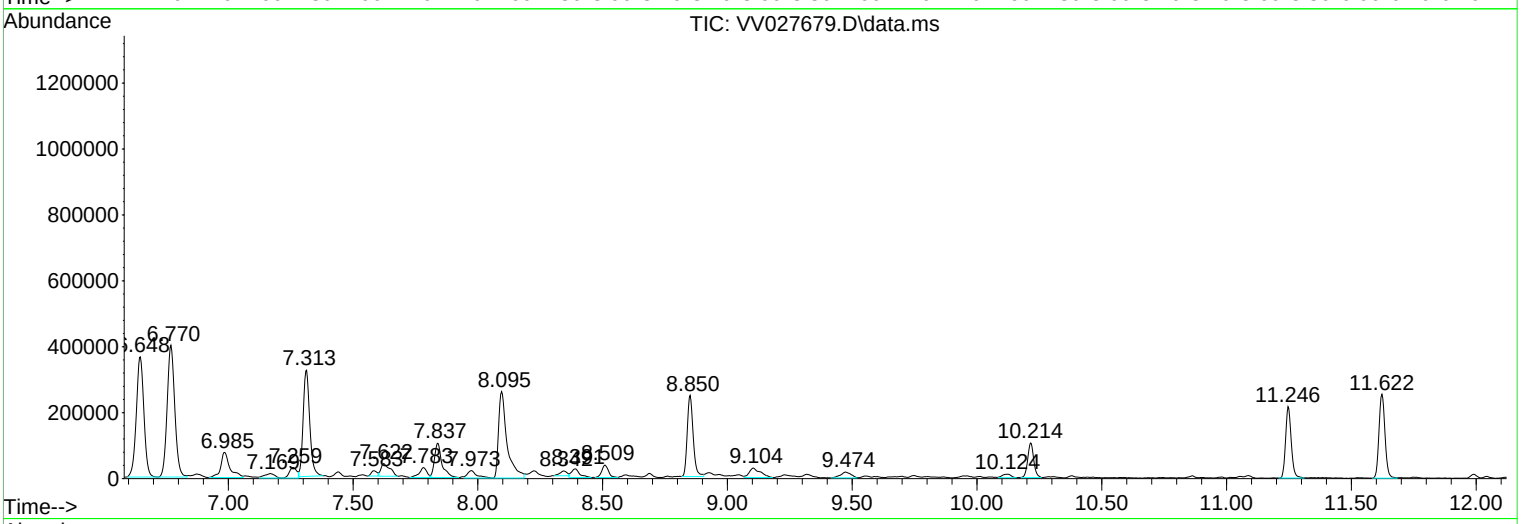
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

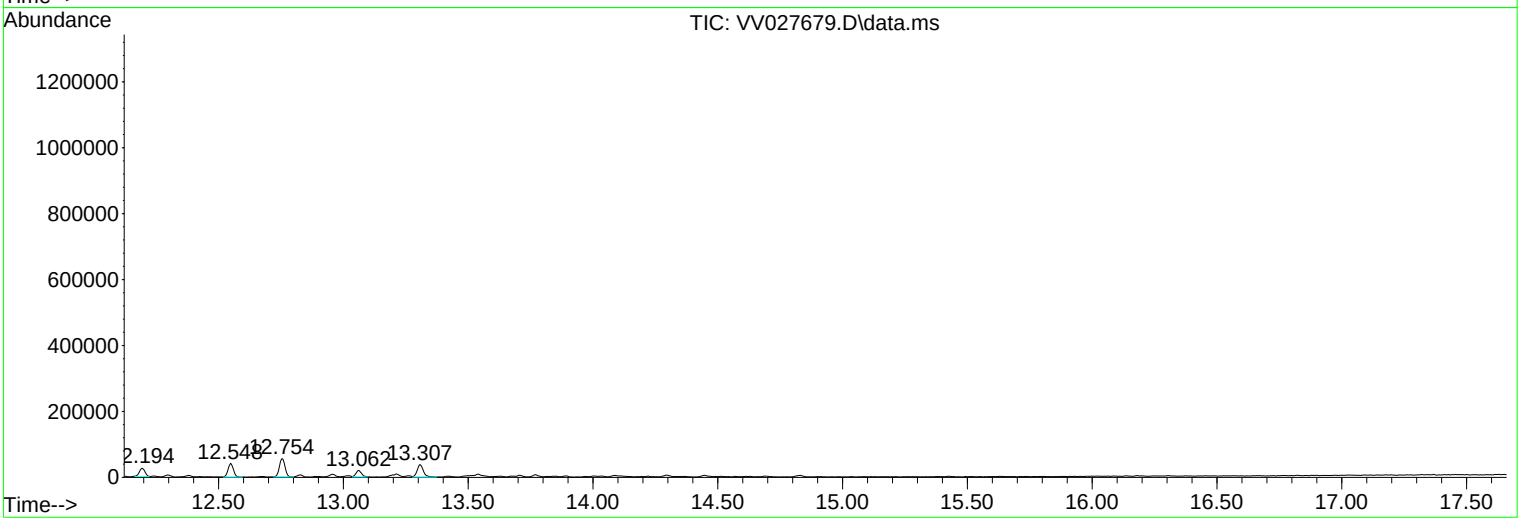
Instrument :
MSVOA_V
ClientSampleId :
F5E75

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
Data File : VV027679.D
Acq On : 01 Sep 2022 20:12
Operator : SY/MD
Sample : N4366-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E75

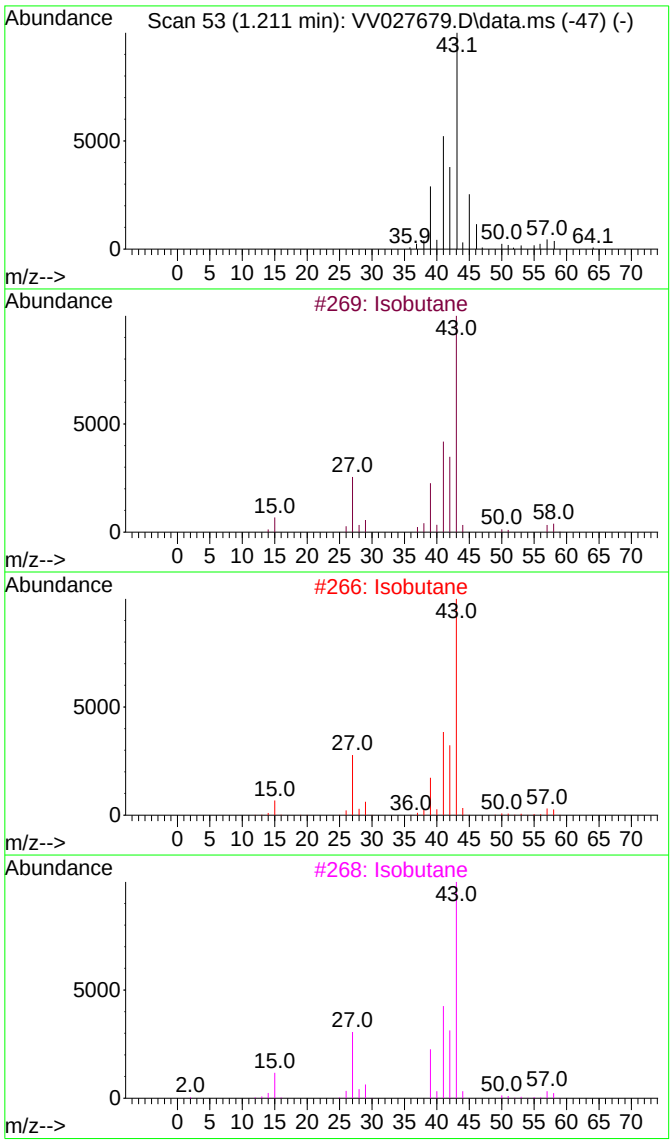
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

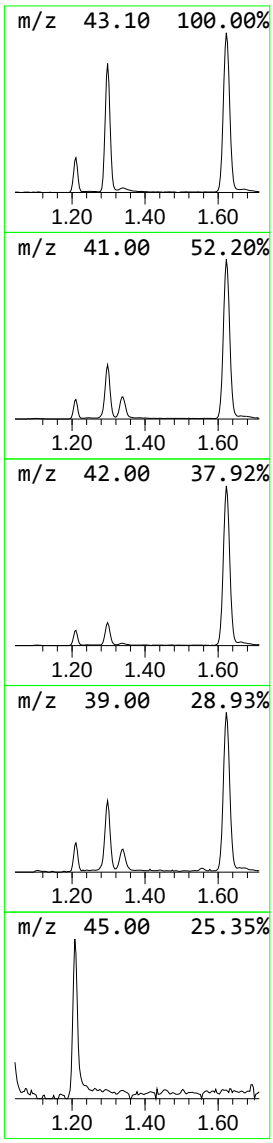
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.211	0.66 ug/L	45495	1,4-Difluorobenzene	5.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	47
2	Isobutane	58	C4H10	000075-28-5	47
3	Isobutane	58	C4H10	000075-28-5	47
4	Isobutane	58	C4H10	000075-28-5	9
5	Isobutane	58	C4H10	000075-28-5	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
Data File : VV027679.D
Acq On : 01 Sep 2022 20:12
Operator : SY/MD
Sample : N4366-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E75

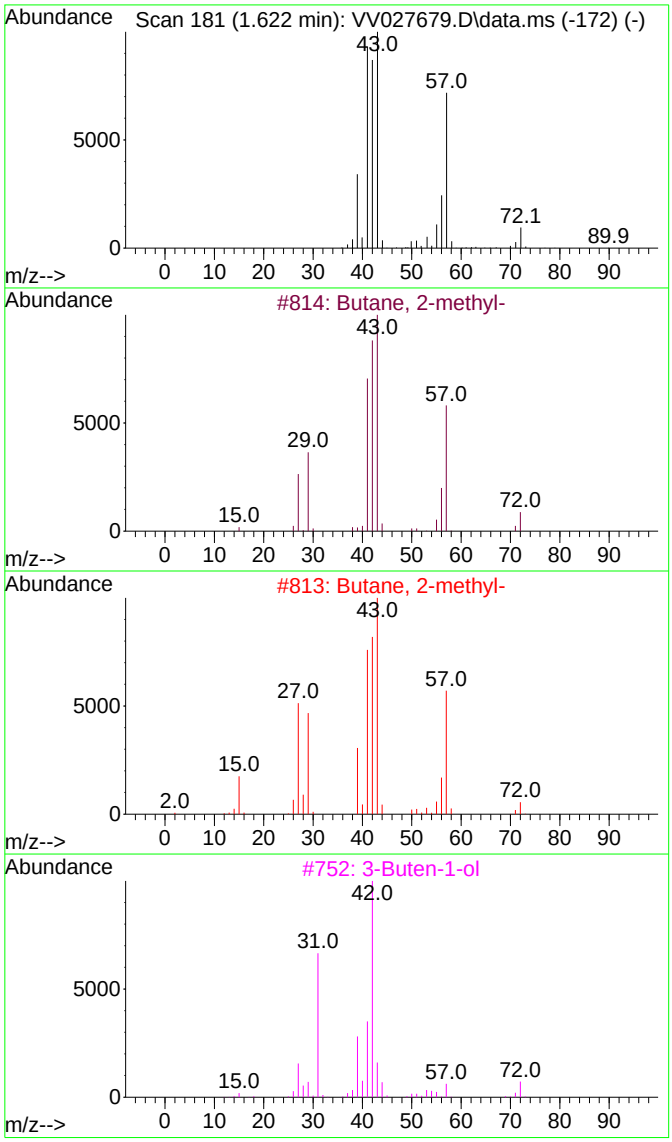
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

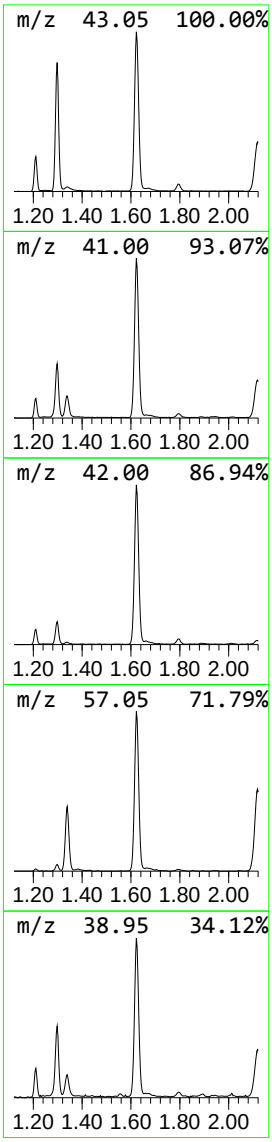
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.622	6.90 ug/L	474197	1,4-Difluorobenzene	5.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	86
2	Butane, 2-methyl-	72	C5H12	000078-78-4	86
3	3-Buten-1-ol	72	C4H8O	000627-27-0	38
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_V\Data\VV090122\
Data File : VV027679.D
Acq On : 01 Sep 2022 20:12
Operator : SY/MD
Sample : N4366-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E75

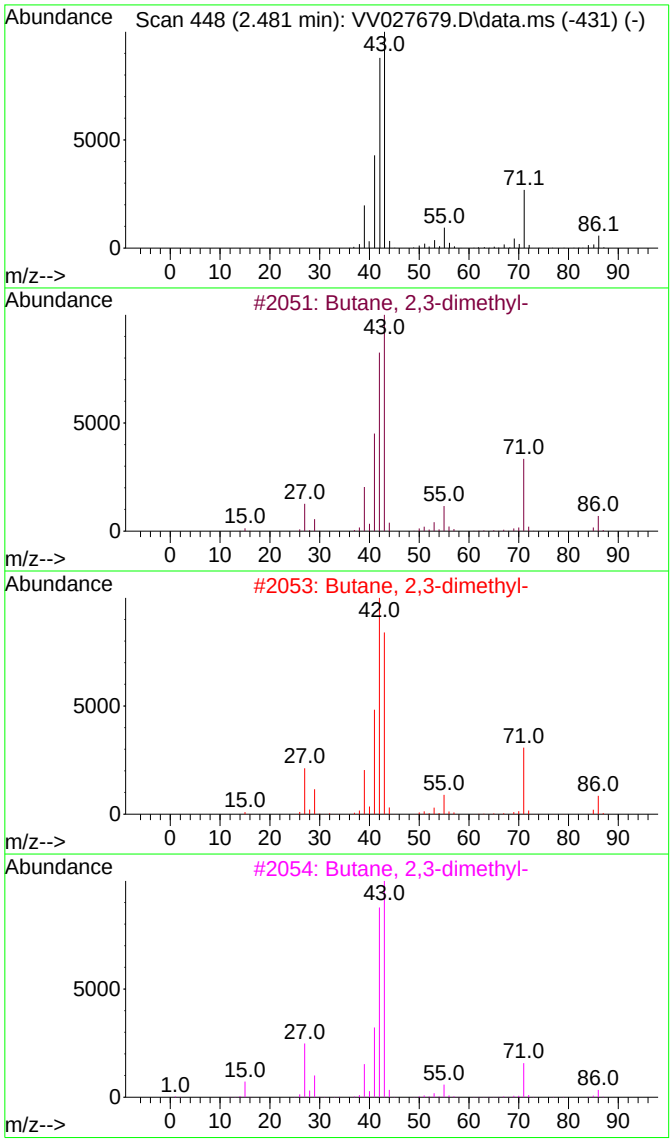
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

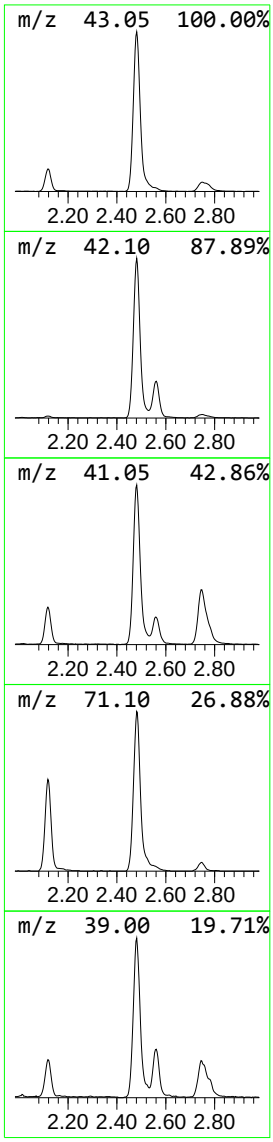
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.481	17.88 ug/L	1229550	1,4-Difluorobenzene	5.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	91
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	83
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80
5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
Data File : VV027679.D
Acq On : 01 Sep 2022 20:12
Operator : SY/MD
Sample : N4366-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E75

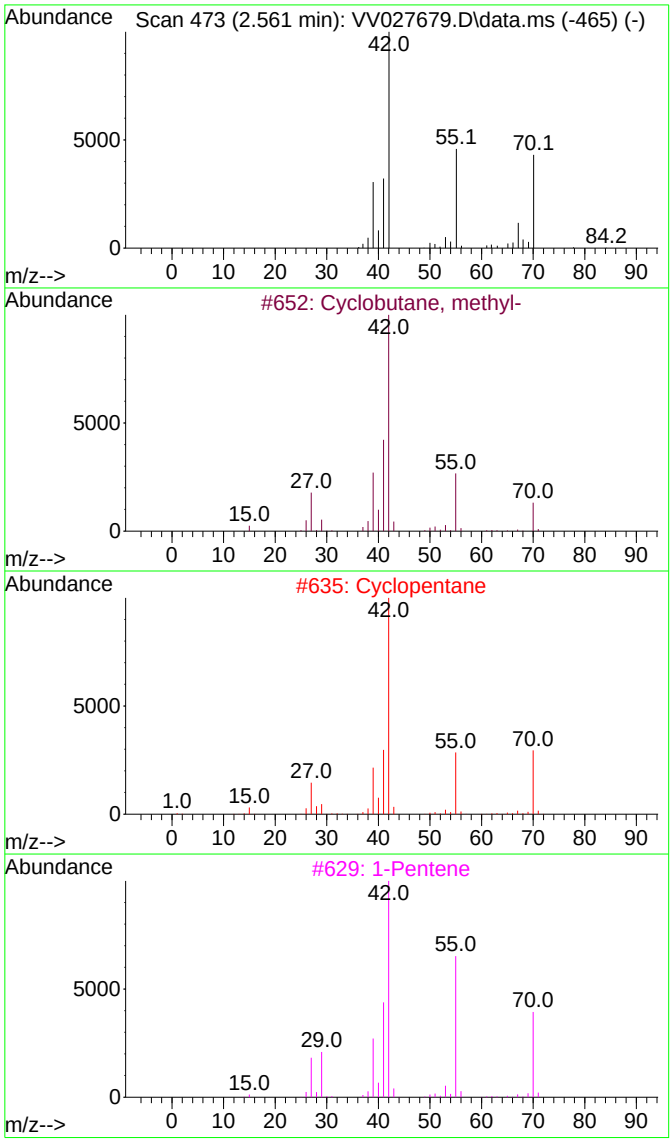
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

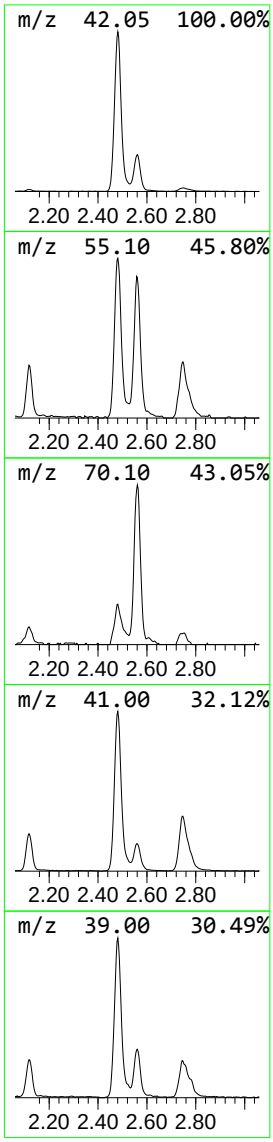
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic2.561 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.561	3.13 ug/L	215576	1,4-Difluorobenzene	5.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, methyl-	70	C5H10	000598-61-8	80
2	Cyclopentane	70	C5H10	000287-92-3	72
3	1-Pentene	70	C5H10	000109-67-1	50
4	1-Pentene	70	C5H10	000109-67-1	50
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
Data File : VV027679.D
Acq On : 01 Sep 2022 20:12
Operator : SY/MD
Sample : N4366-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E75

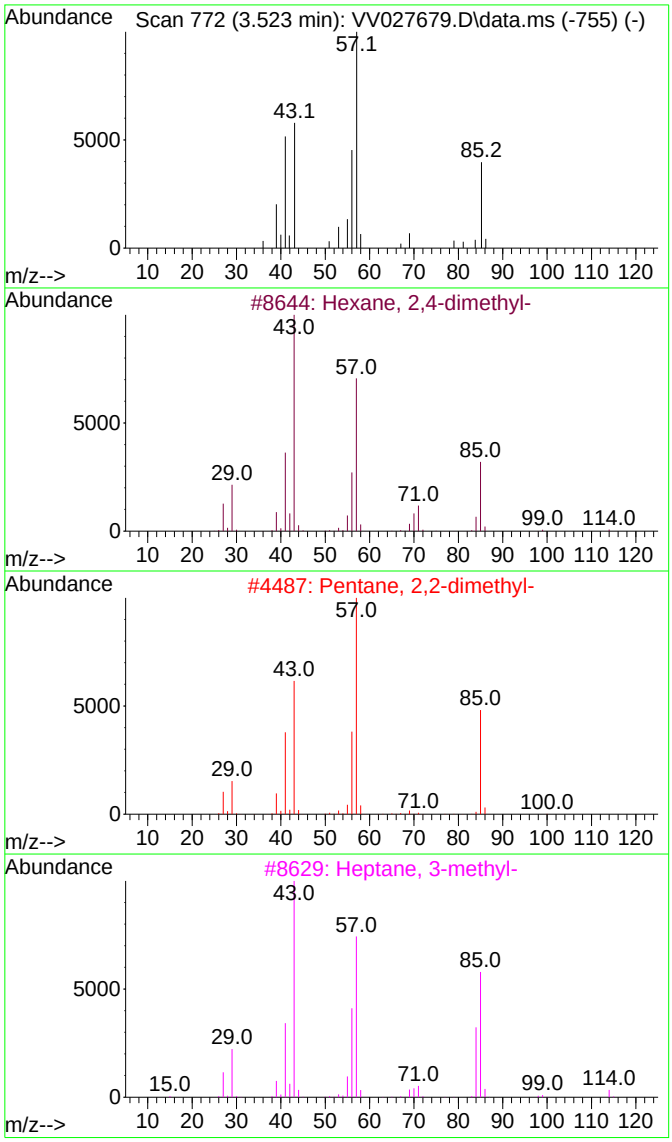
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

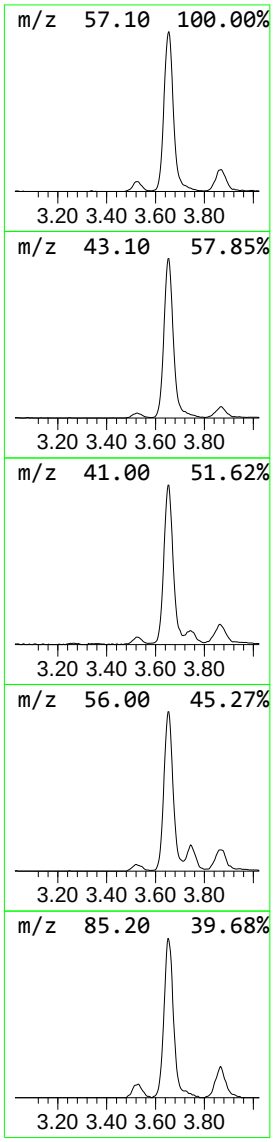
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.523	0.54 ug/L	37283	1,4-Difluorobenzene	5.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	72
3	Heptane, 3-methyl-	114	C8H18	000589-81-1	72
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	72
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
Data File : VV027679.D
Acq On : 01 Sep 2022 20:12
Operator : SY/MD
Sample : N4366-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E75

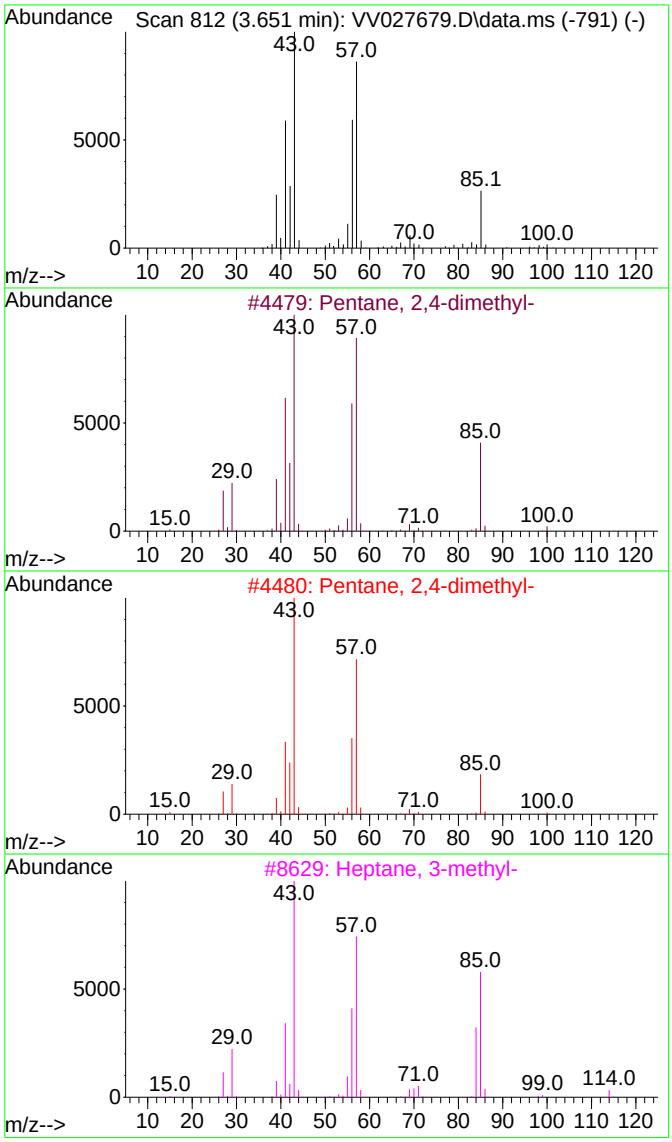
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

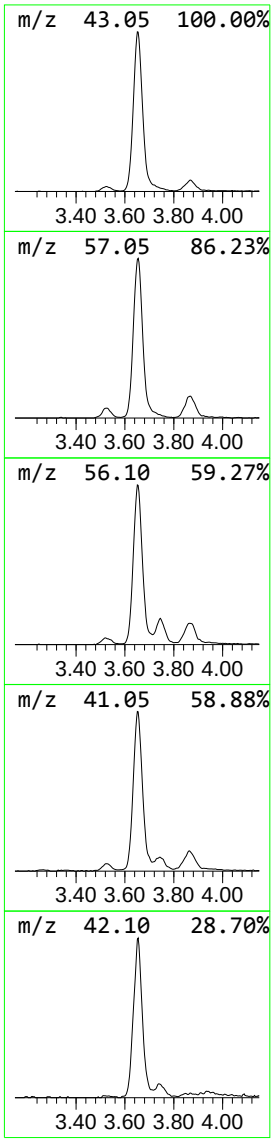
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.651	11.66 ug/L	802189	1,4-Difluorobenzene	5.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	80
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	72
3	Heptane, 3-methyl-	114	C8H18	000589-81-1	64
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59
5	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
Data File : VV027679.D
Acq On : 01 Sep 2022 20:12
Operator : SY/MD
Sample : N4366-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E75

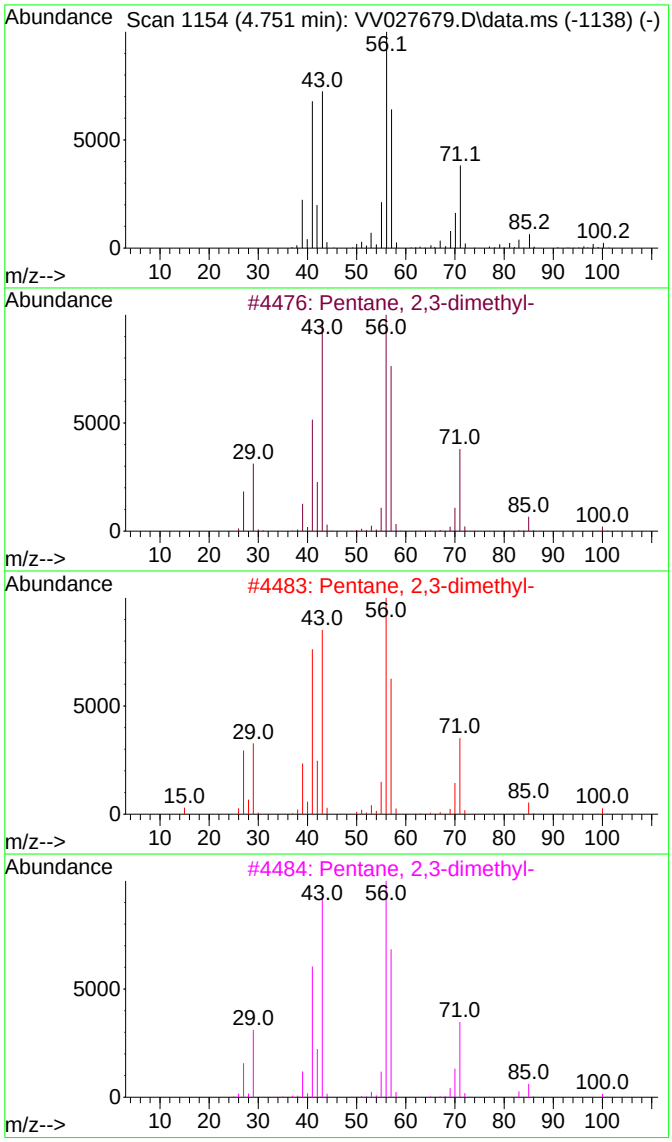
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

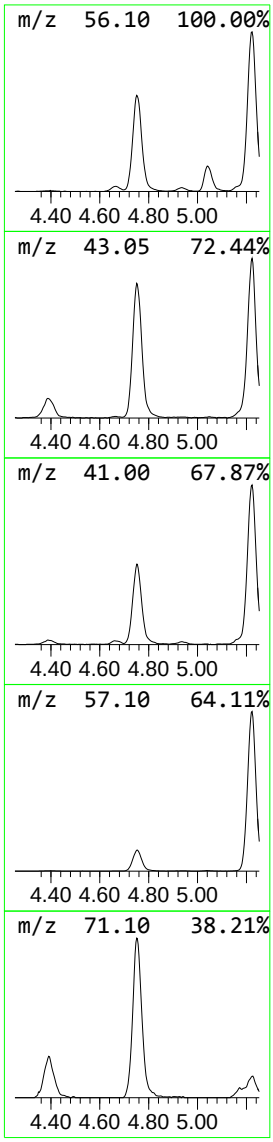
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.751	12.91 ug/L	887827	1,4-Difluorobenzene	5.612

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	80
5	Propane, 1-isocyanato-	85	C4H7NO	000110-78-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
Data File : VV027679.D
Acq On : 01 Sep 2022 20:12
Operator : SY/MD
Sample : N4366-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E75

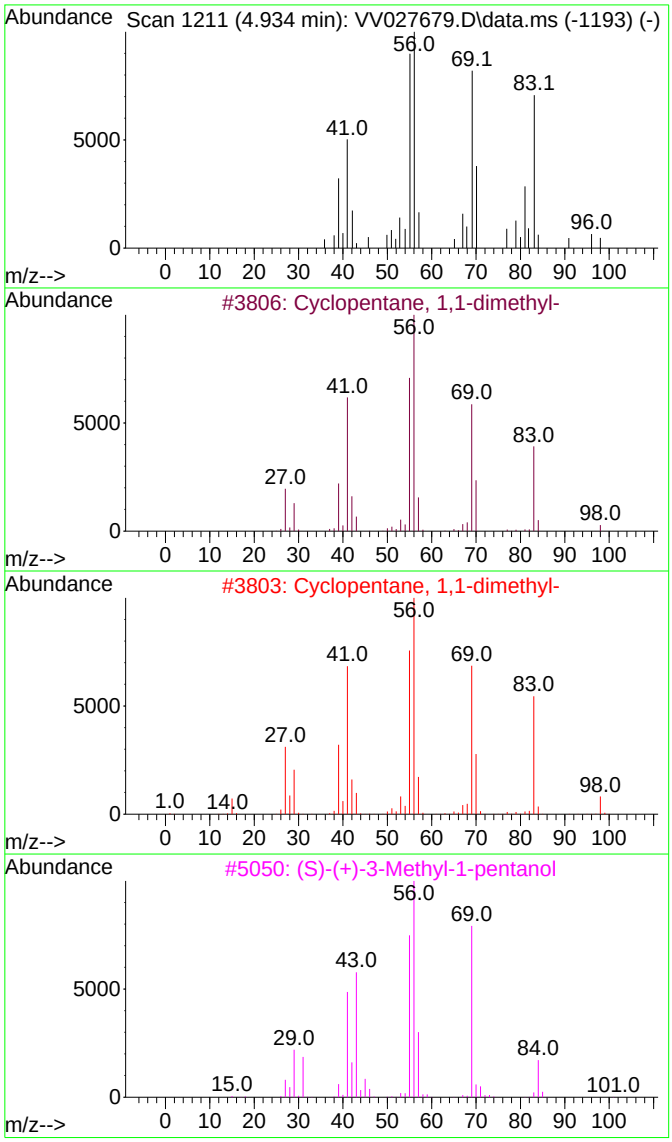
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

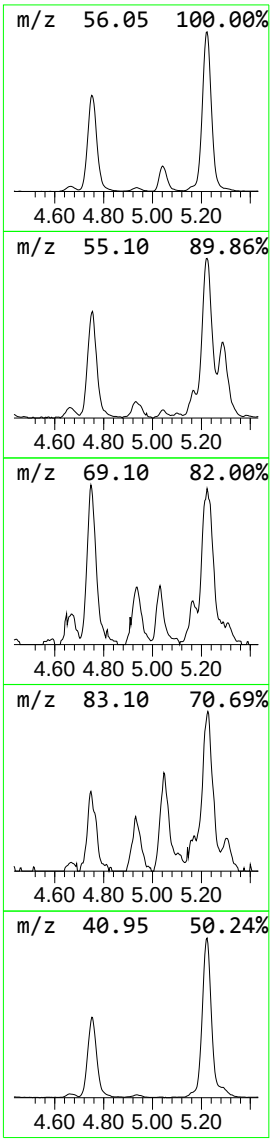
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic4.934 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.934	0.64 ug/L	44214	1,4-Difluorobenzene	5.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	86
2	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	78
3	(S)-(+)-3-Methyl-1-pentanol	102	C6H14O	042072-39-9	53
4	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	47
5	3-Pentenal, 4-methyl-	98	C6H10O	005362-50-5	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
Data File : VV027679.D
Acq On : 01 Sep 2022 20:12
Operator : SY/MD
Sample : N4366-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E75

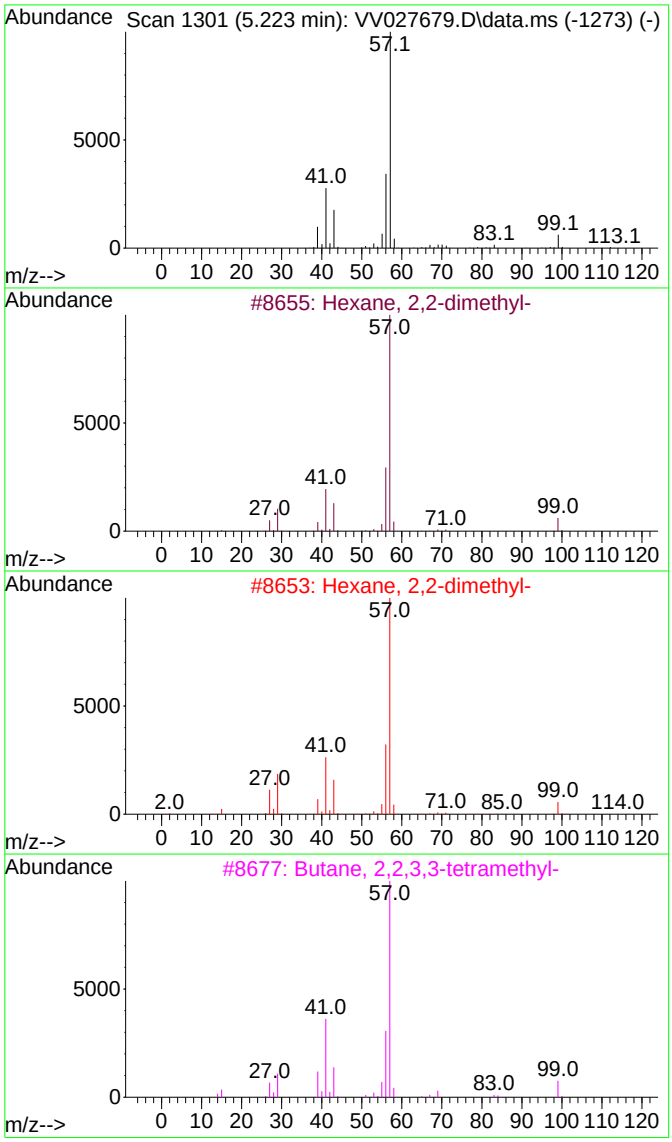
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

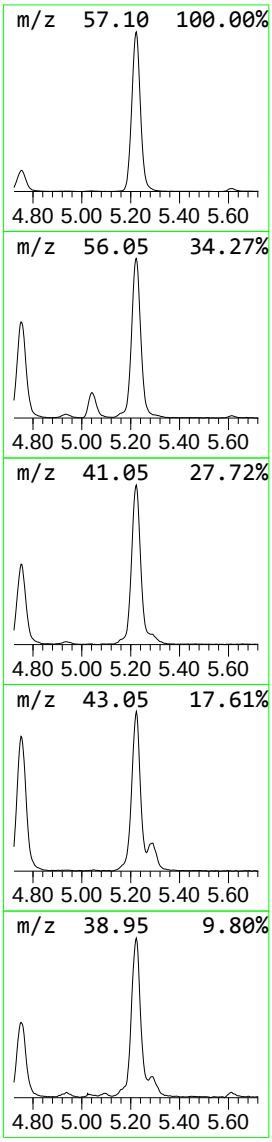
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.223	28.34 ug/L	1949110	1,4-Difluorobenzene	5.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
3	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
4	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
5	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
Data File : VV027679.D
Acq On : 01 Sep 2022 20:12
Operator : SY/MD
Sample : N4366-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E75

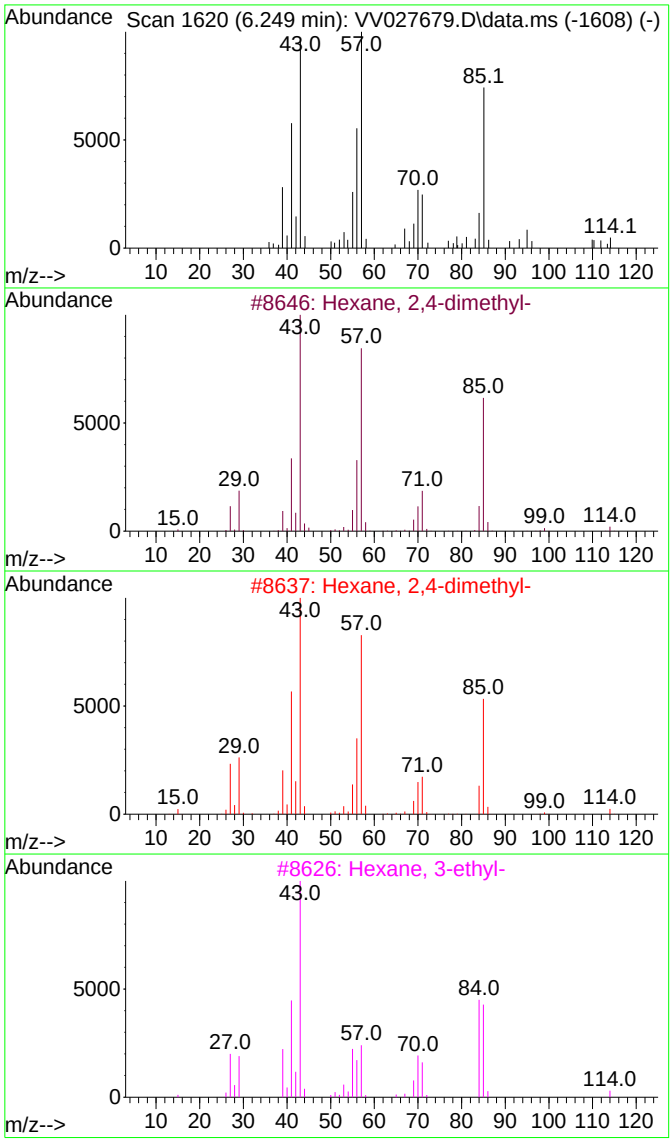
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

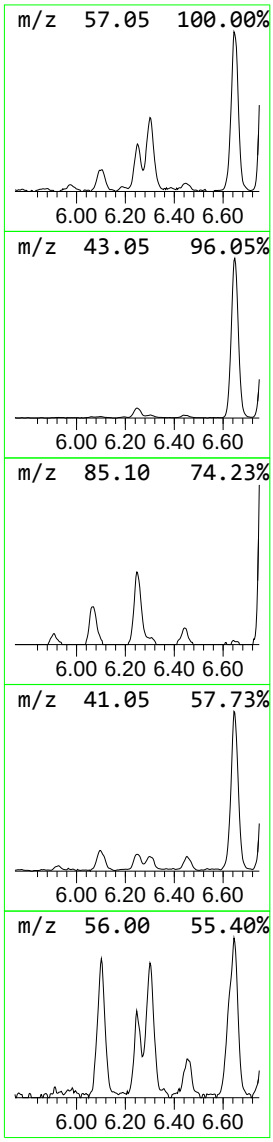
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.249	1.00 ug/L	69003	1,4-Difluorobenzene	5.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	83
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	76
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	62
4	Heptane, 3-methyl-	114	C8H18	000589-81-1	53
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	52





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Data File : VV027679.D
Acq On : 01 Sep 2022 20:12
Operator : SY/MD
Sample : N4366-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E75

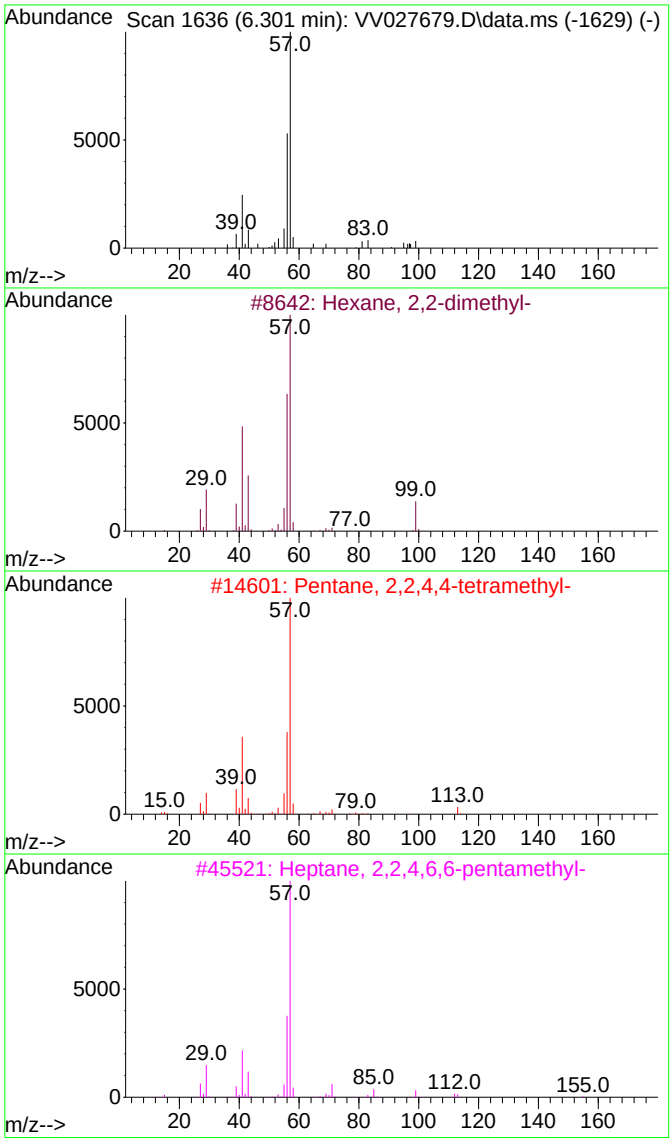
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

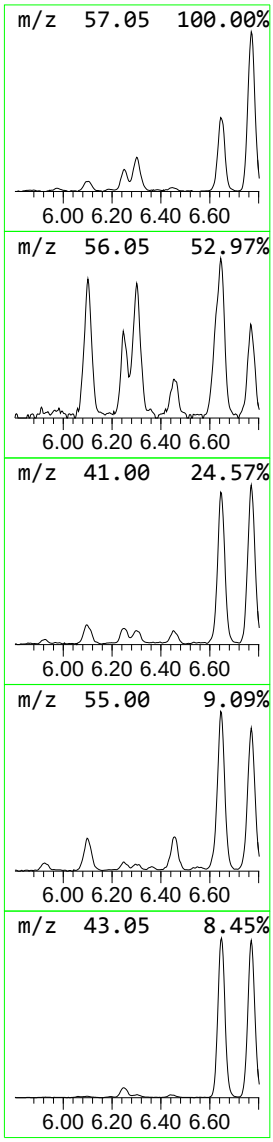
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.301	0.69 ug/L	47527	1,4-Difluorobenzene	5.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	59
2	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59
3	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	59
4	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	50
5	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
Data File : VV027679.D
Acq On : 01 Sep 2022 20:12
Operator : SY/MD
Sample : N4366-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E75

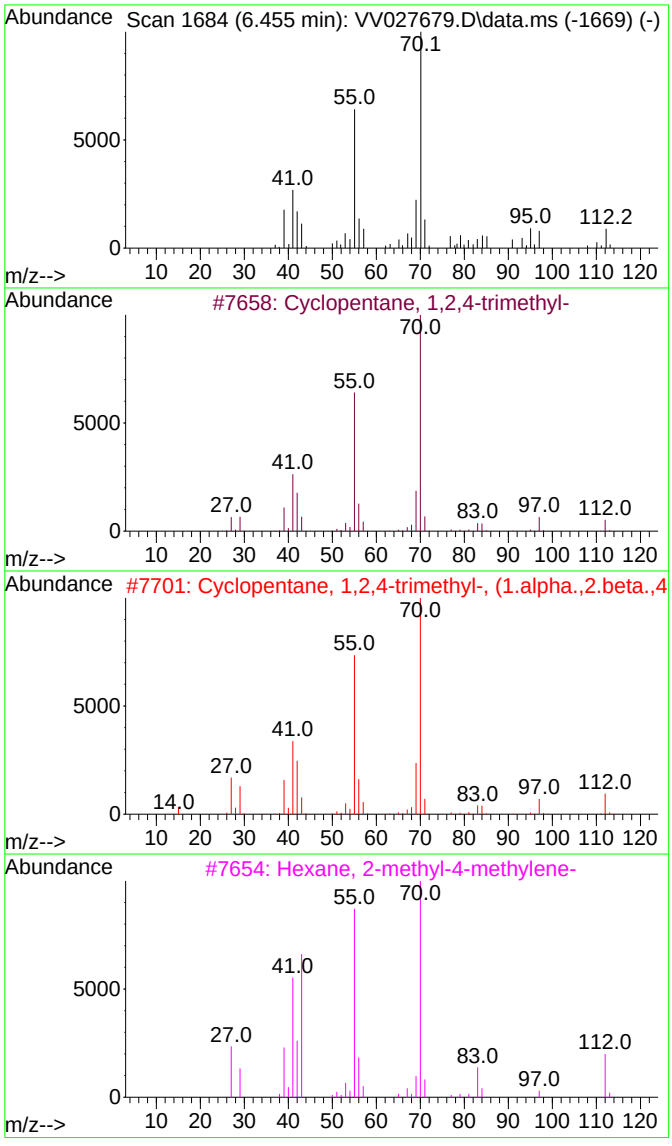
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

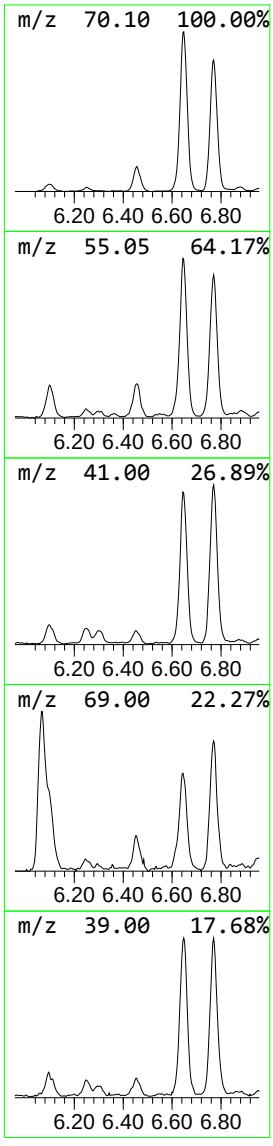
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Cyclic6.455 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.455	1.28 ug/L	87981	1,4-Difluorobenzene	5.612

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	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	80
4	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	74
5	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	72





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Data File : VV027679.D
Acq On : 01 Sep 2022 20:12
Operator : SY/MD
Sample : N4366-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E75

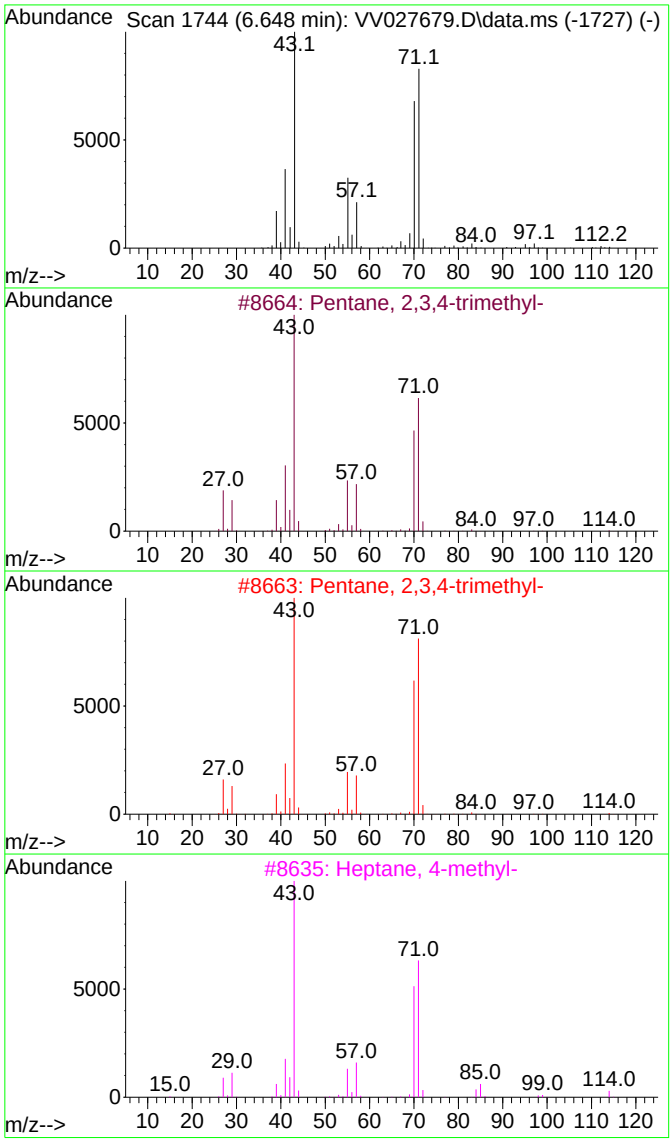
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

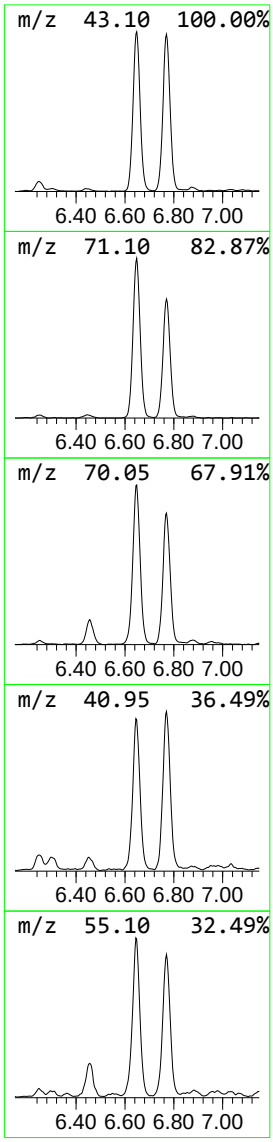
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.648	11.24 ug/L	773186	1,4-Difluorobenzene	5.612

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	90
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
4	Diisoamyl ether	158	C10H22O	000544-01-4	78
5	Pentane, 3-ethyl-	100	C7H16	000617-78-7	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
Data File : VV027679.D
Acq On : 01 Sep 2022 20:12
Operator : SY/MD
Sample : N4366-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E75

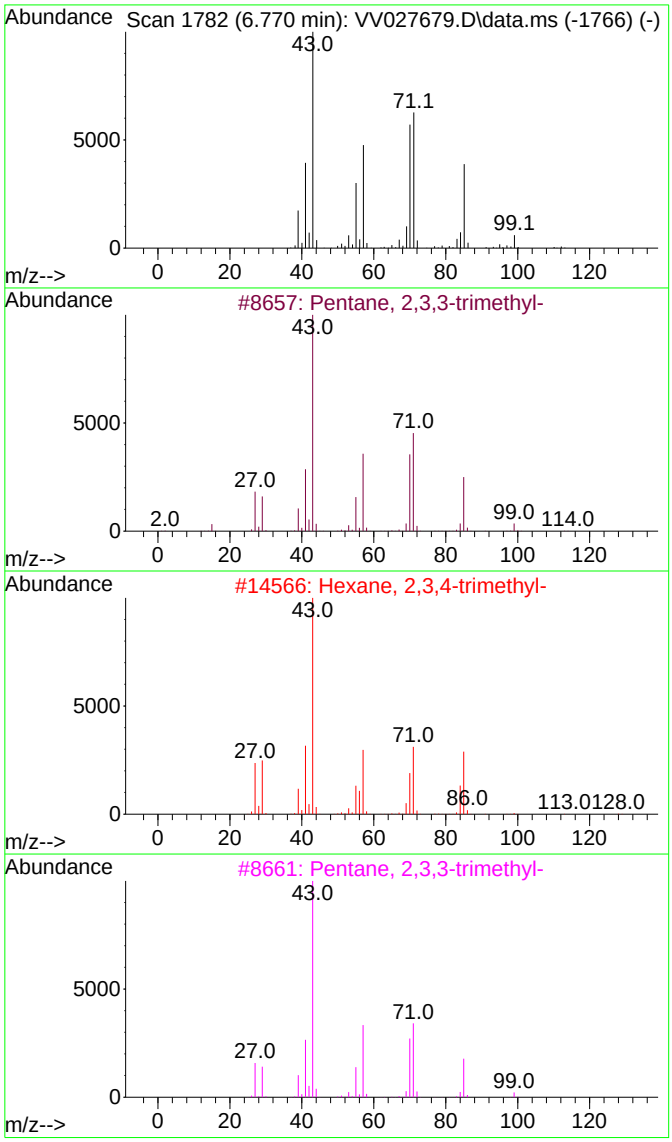
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

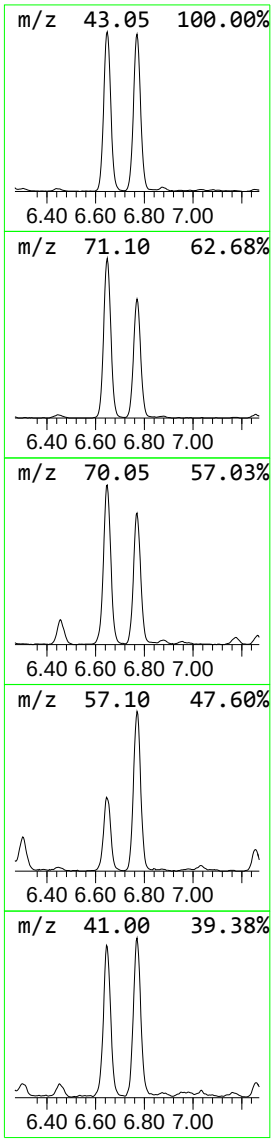
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.770	12.41 ug/L	853146	1,4-Difluorobenzene	5.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
3	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	59
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
Data File : VV027679.D
Acq On : 01 Sep 2022 20:12
Operator : SY/MD
Sample : N4366-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E75

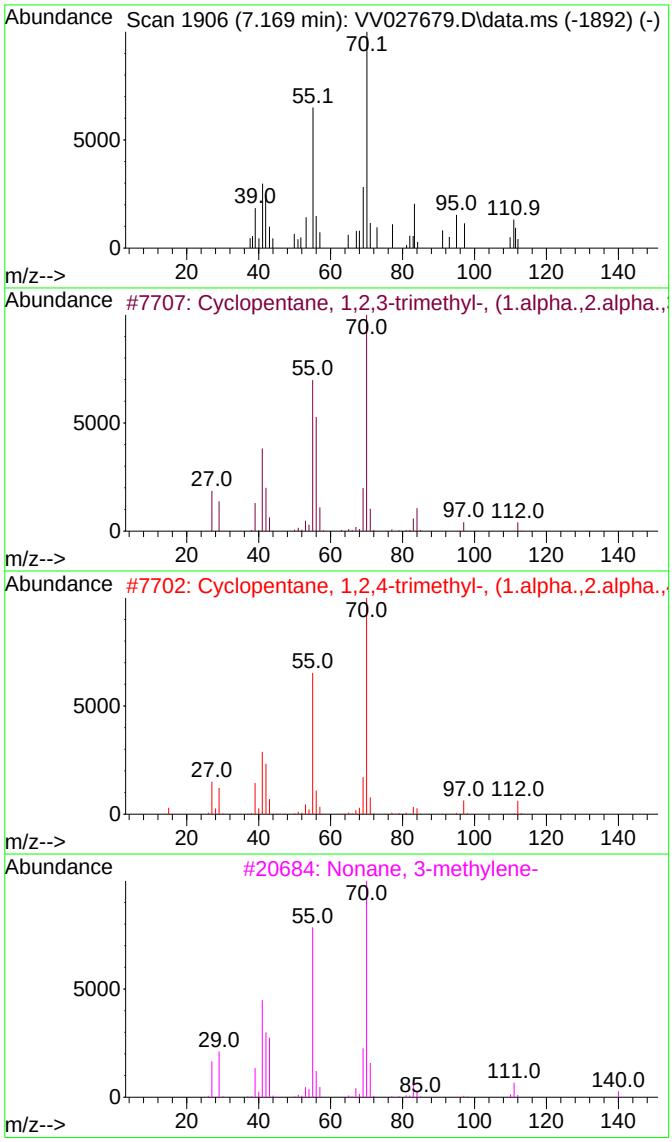
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

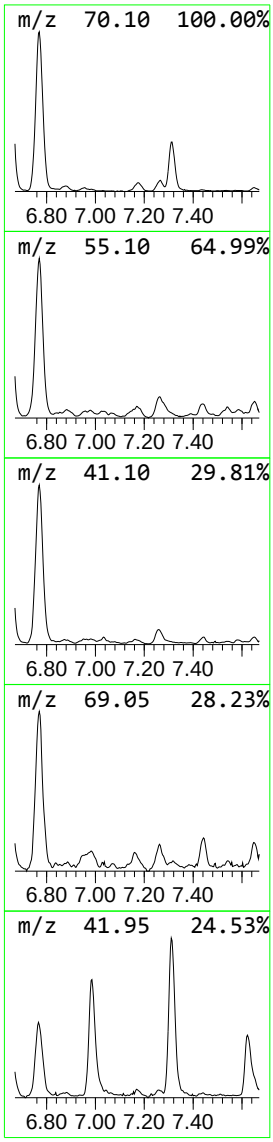
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Cyclic7.169 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.169	0.56 ug/L	38188	1,4-Difluorobenzene	5.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	47
2	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	47
3	Nonane, 3-methylene-	140	C10H20	051655-64-2	43
4	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	43
5	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	43





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Data File : VV027679.D
Acq On : 01 Sep 2022 20:12
Operator : SY/MD
Sample : N4366-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E75

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

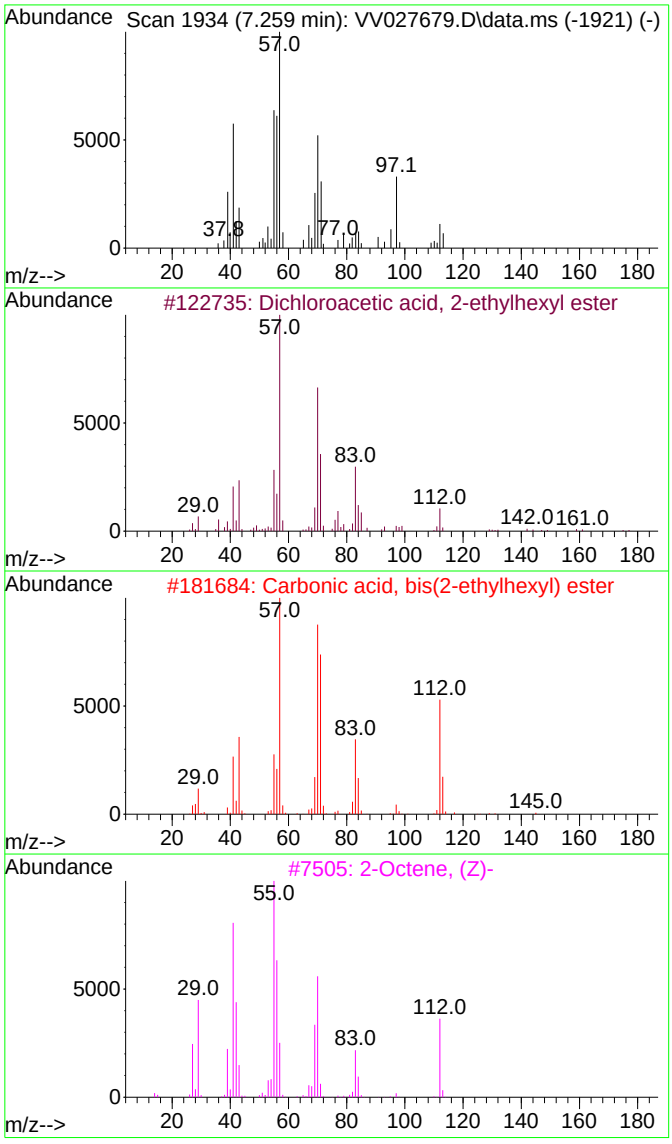
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

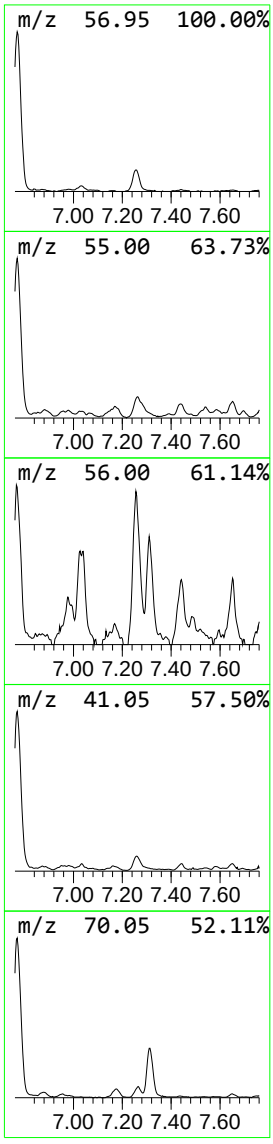
****

Peak Number 17 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.259	0.83 ug/L	67084	Chlorobenzene-d5	8.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, 2-ethylhexy...	240	C10H18Cl2O2	068144-72-9	47
2	Carbonic acid, bis(2-ethylhexyl)...	286	C17H34O3	014858-73-2	47
3	2-Octene, (Z)-	112	C8H16	007642-04-8	47
4	Aziridine, 1-propyl-	85	C5H11N	005536-98-1	43
5	2-Propanone, (1-methylethylidene...	112	C6H12N2	000627-70-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
Data File : VV027679.D
Acq On : 01 Sep 2022 20:12
Operator : SY/MD
Sample : N4366-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E75

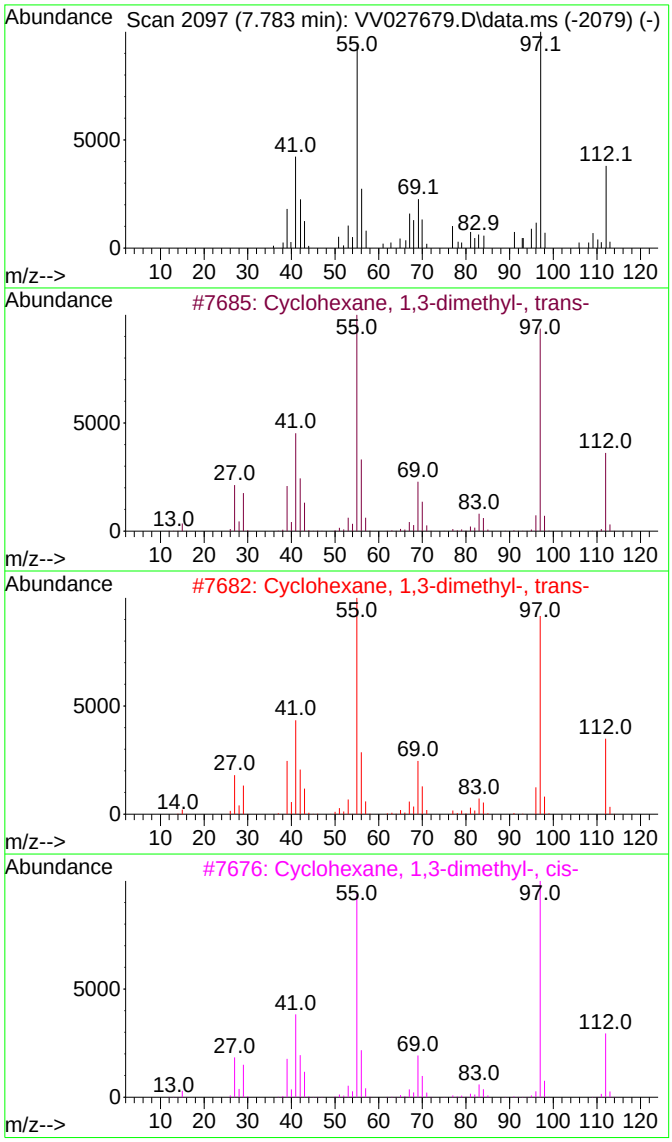
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

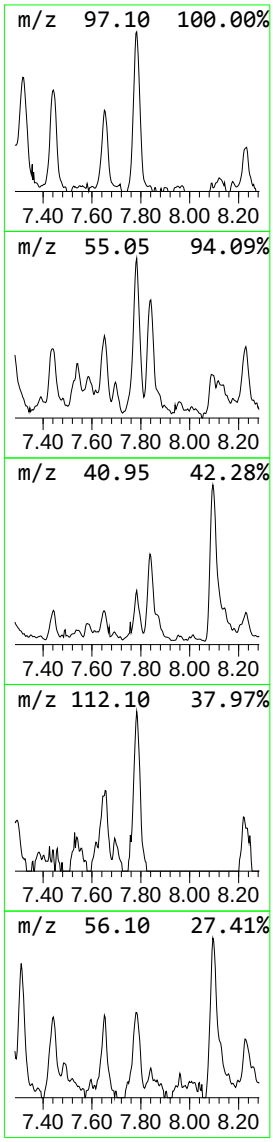
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Cyclic7.783 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.783	0.78 ug/L	63699	Chlorobenzene-d5	8.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	93
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
Data File : VV027679.D
Acq On : 01 Sep 2022 20:12
Operator : SY/MD
Sample : N4366-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E75

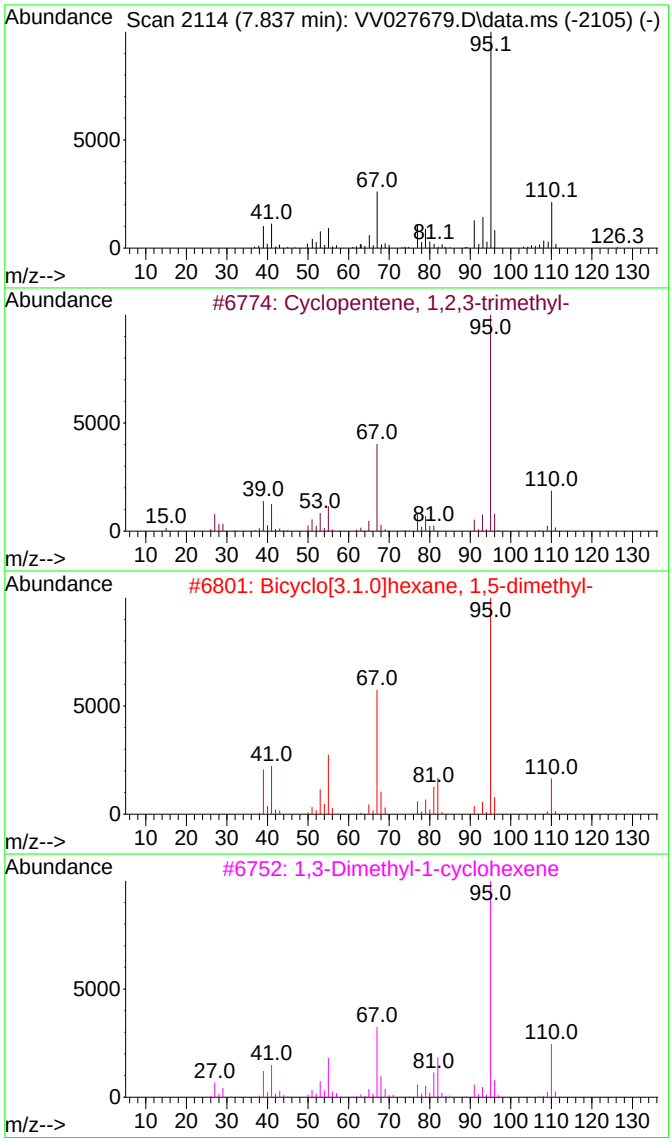
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

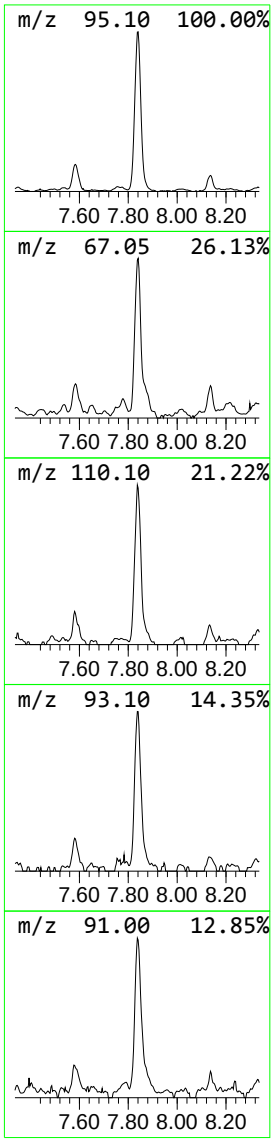
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.837	2.67 ug/L	217092	Chlorobenzene-d5	8.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	87
2	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	72
3	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	72
4	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	72
5	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
Data File : VV027679.D
Acq On : 01 Sep 2022 20:12
Operator : SY/MD
Sample : N4366-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E75

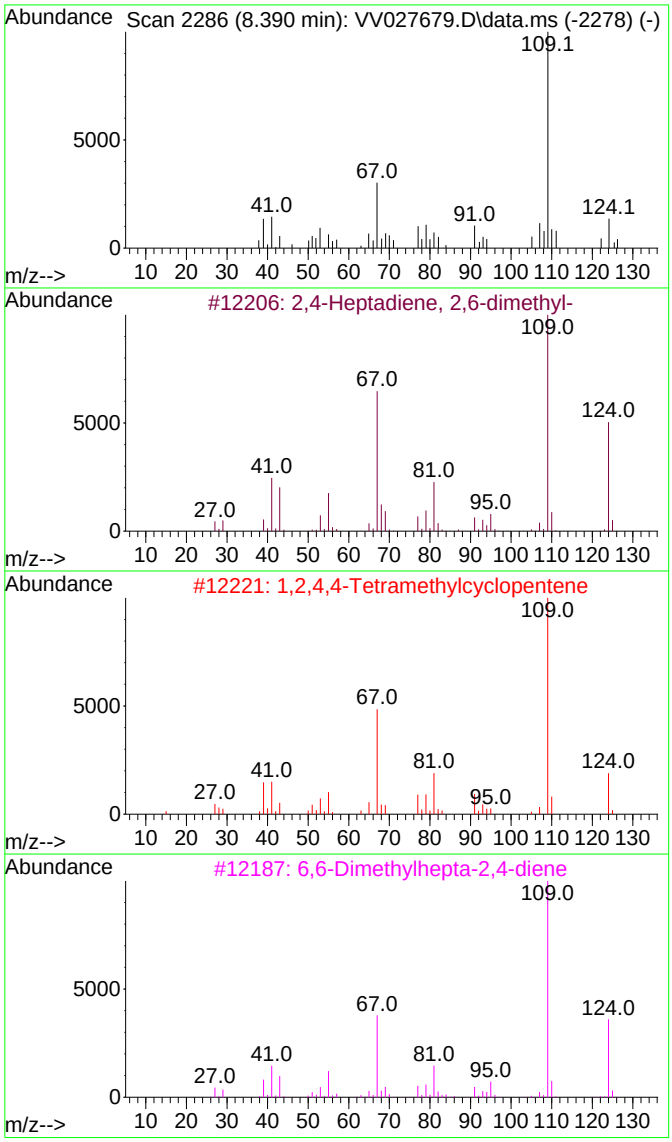
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

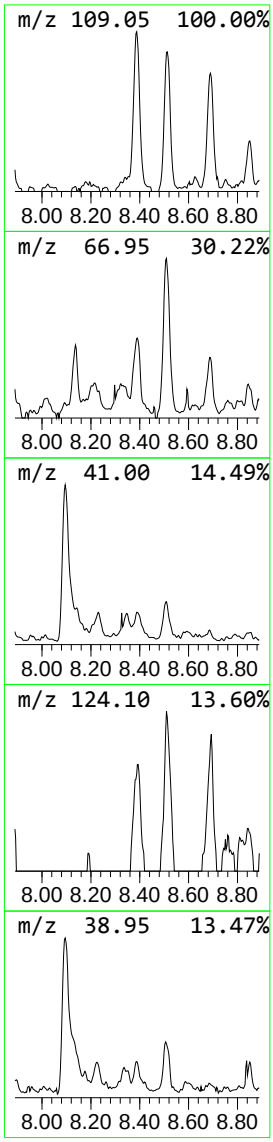
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 2,4-Heptadiene, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.390	0.75 ug/L	61046	Chlorobenzene-d5	8.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Heptadiene, 2,6-dimethyl-	124	C9H16	004634-87-1	81
2	1,2,4,4-Tetramethylcyclopentene	124	C9H16	065378-76-9	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	4-Amino-2-methylpyrimidine	109	C5H7N3	000074-69-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
Data File : VV027679.D
Acq On : 01 Sep 2022 20:12
Operator : SY/MD
Sample : N4366-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E75

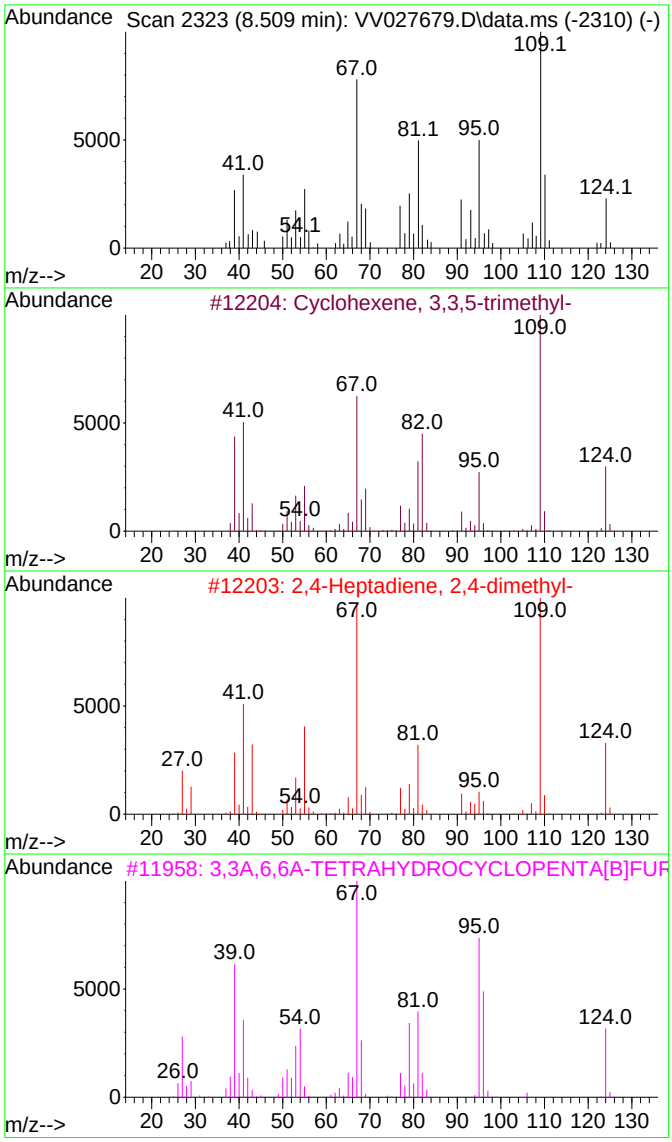
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

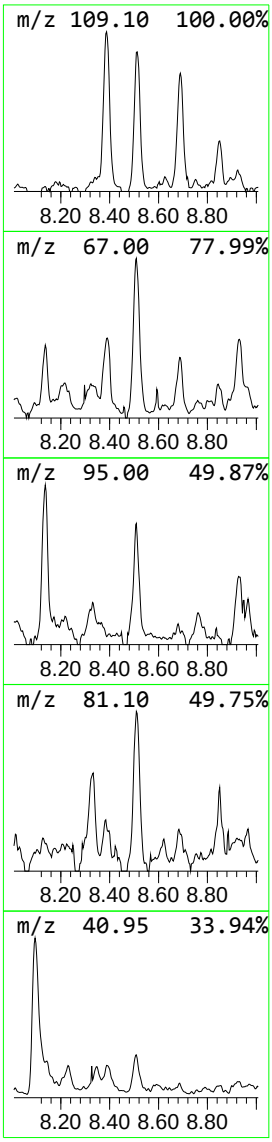
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Cyclohexene, 3,3,5-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.509	0.87 ug/L	70949	Chlorobenzene-d5	8.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	81
2	2,4-Heptadiene, 2,4-dimethyl-	124	C9H16	074421-05-9	52
3	3,3A,6,6A-TETRAHYDROCYCLOPENTA[B...	124	C7H8O2	054483-22-6	49
4	Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	020348-74-7	46
5	1-Methylcycloheptene	110	C8H14	055308-20-8	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
Data File : VV027679.D
Acq On : 01 Sep 2022 20:12
Operator : SY/MD
Sample : N4366-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E75

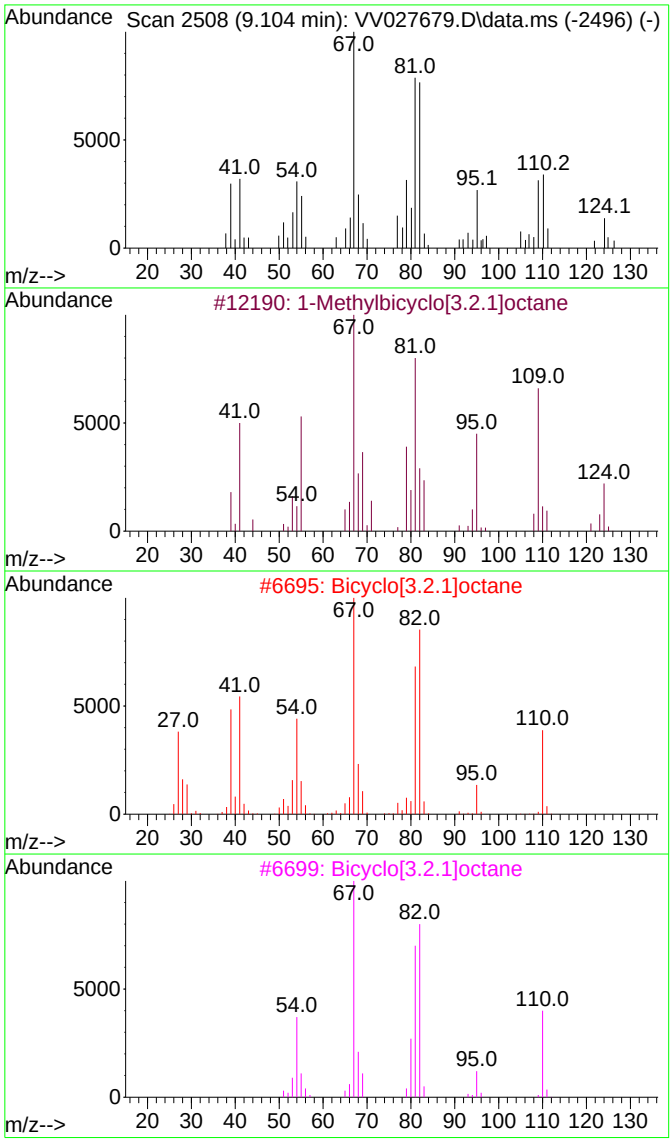
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

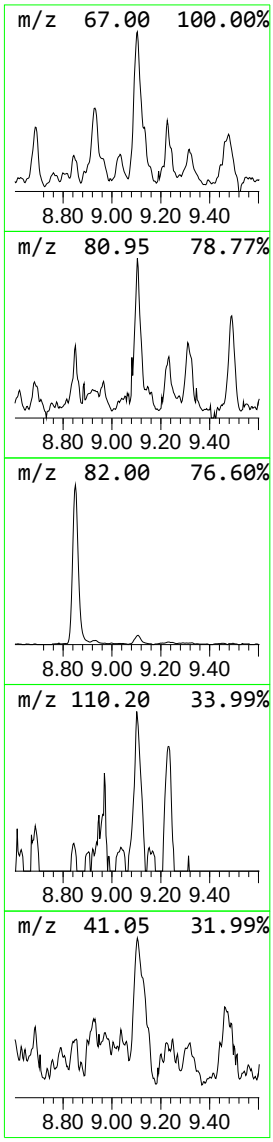
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 1-Methylbicyclo[3.2.1]octane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.104	1.12 ug/L	90700	Chlorobenzene-d5	8.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylbicyclo[3.2.1]octane	124	C9H16	119972-41-7	76
2	Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	72
3	Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	53
4	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	52
5	3-Octyne, 2-methyl-	124	C9H16	055402-15-8	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
Data File : VV027679.D
Acq On : 01 Sep 2022 20:12
Operator : SY/MD
Sample : N4366-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E75

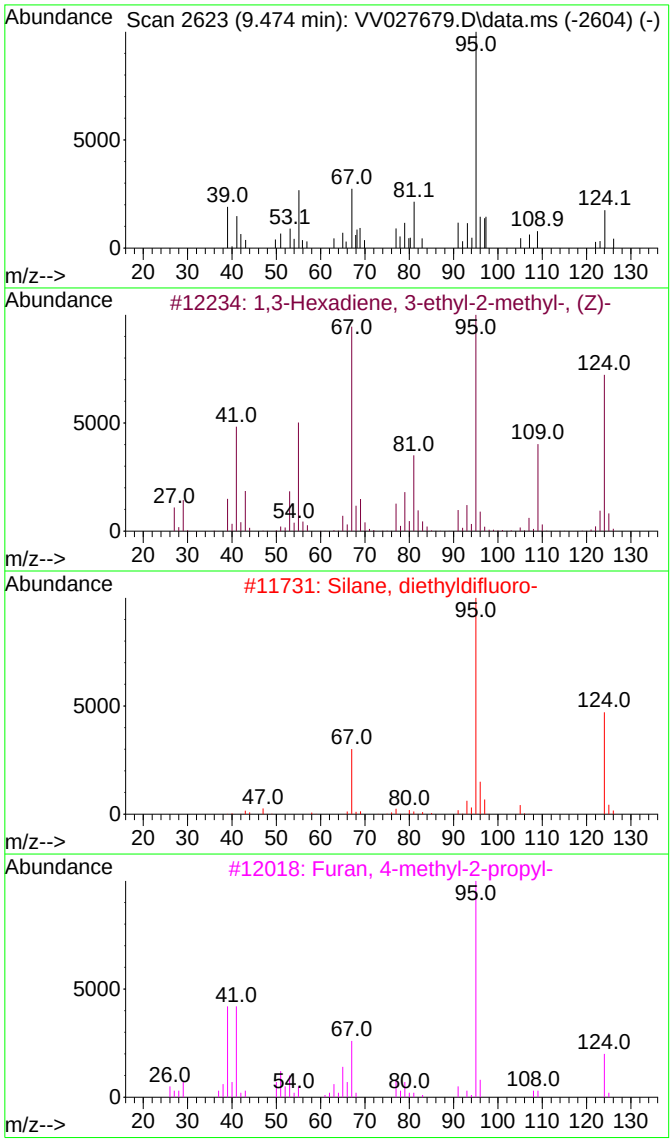
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

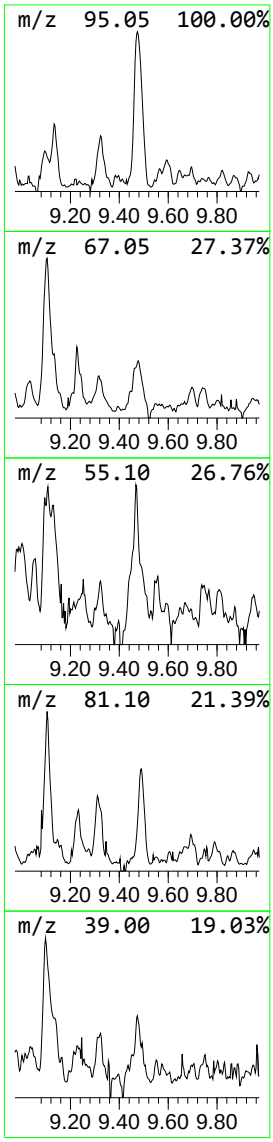
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 1,3-Hexadiene, 3-ethyl-2-me... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.474	0.63 ug/L	51369	Chlorobenzene-d5	8.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Hexadiene, 3-ethyl-2-methyl-...	124	C9H16	074752-97-9	59
2	Silane, diethyldifluoro-	124	C4H10F2Si	000358-06-5	59
3	Furan, 4-methyl-2-propyl-	124	C8H12O	006148-37-4	53
4	Bicyclo[2.2.1]heptane, 2-(1-meth...	152	C11H20	074663-93-7	50
5	5-Octen-2-yn-4-ol	124	C8H12O	1010196-87-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
Data File : VV027679.D
Acq On : 01 Sep 2022 20:12
Operator : SY/MD
Sample : N4366-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E75

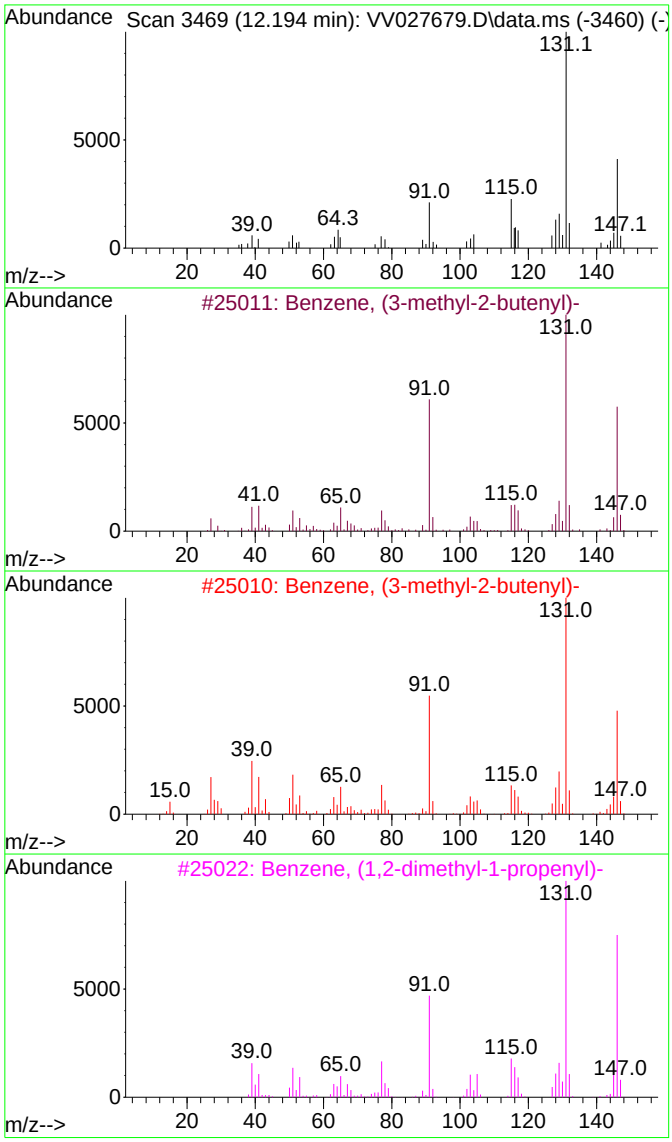
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

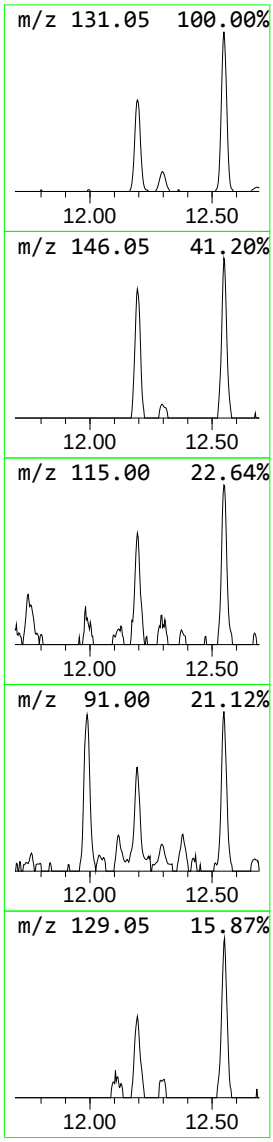
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzene, (3-methyl-2-butenyl)- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.194	0.56 ug/L	38314	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	94
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	94
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
Data File : VV027679.D
Acq On : 01 Sep 2022 20:12
Operator : SY/MD
Sample : N4366-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E75

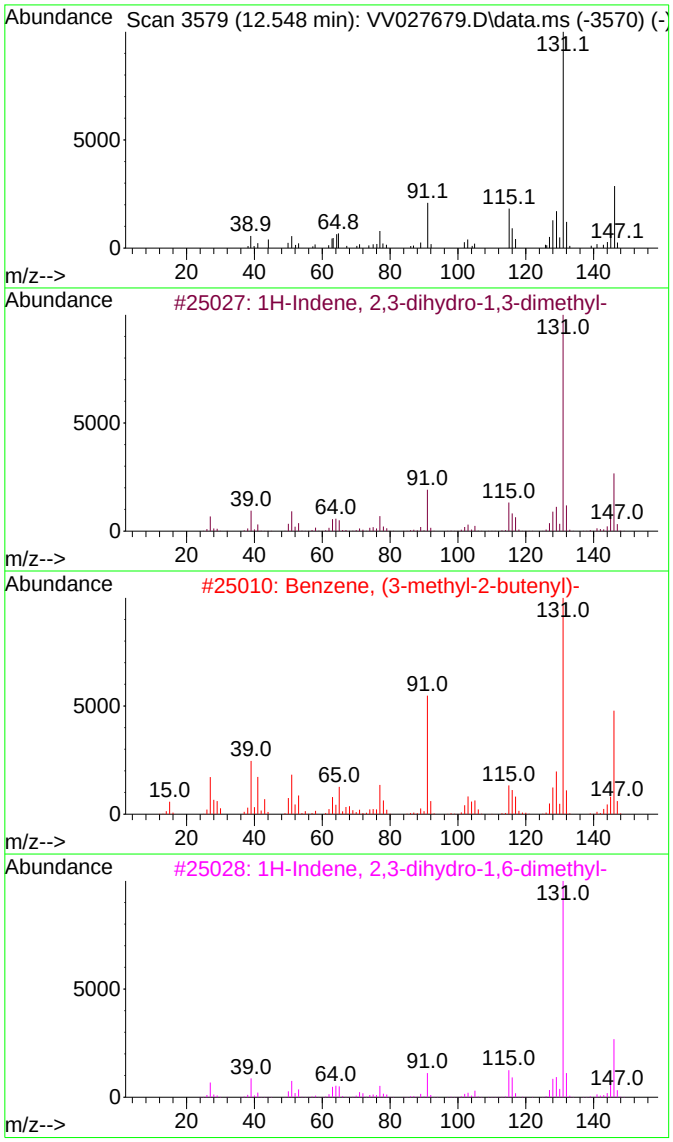
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

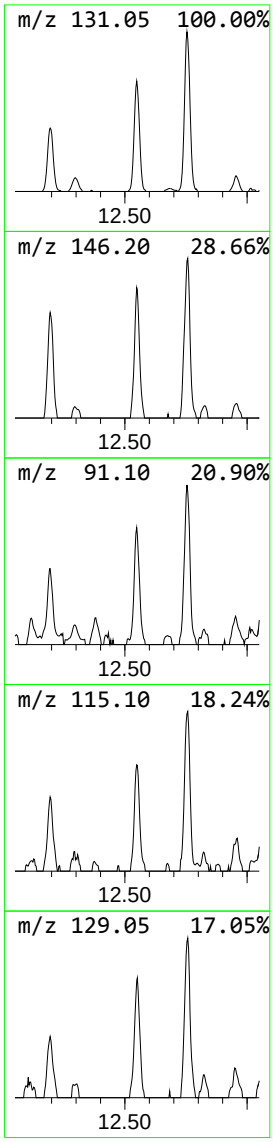
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.548	0.91 ug/L	62003	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
Data File : VV027679.D
Acq On : 01 Sep 2022 20:12
Operator : SY/MD
Sample : N4366-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E75

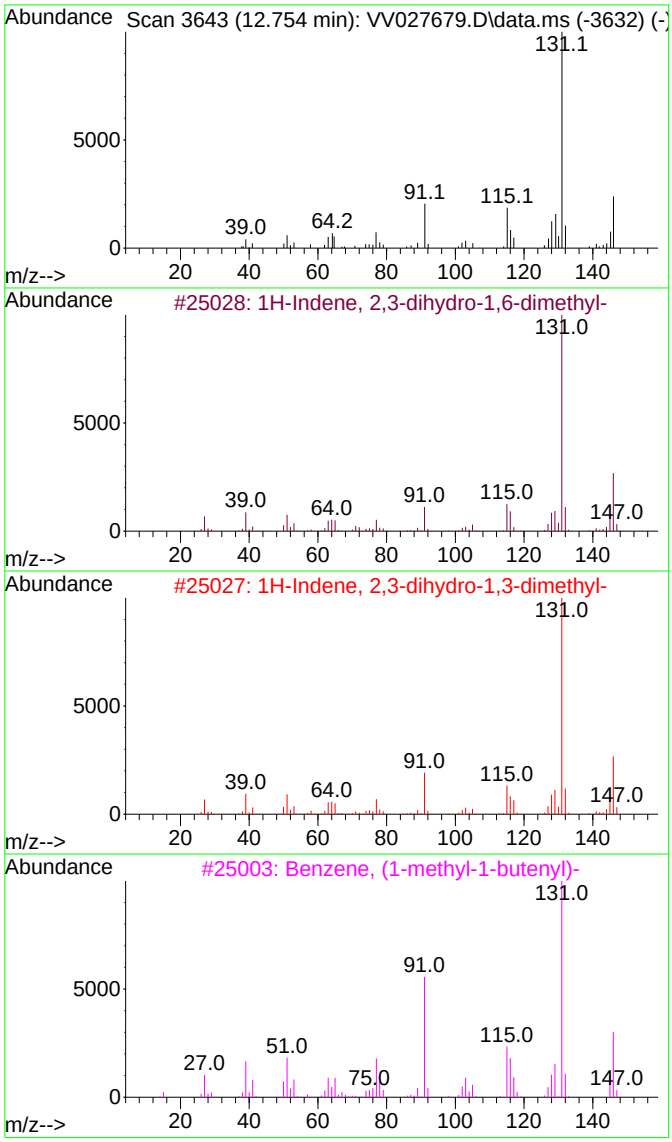
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

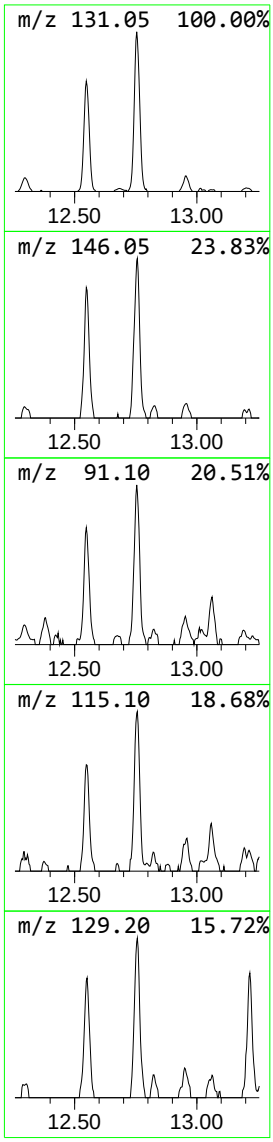
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.754	1.29 ug/L	87905	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	87
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	78
5	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
Data File : VV027679.D
Acq On : 01 Sep 2022 20:12
Operator : SY/MD
Sample : N4366-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E75

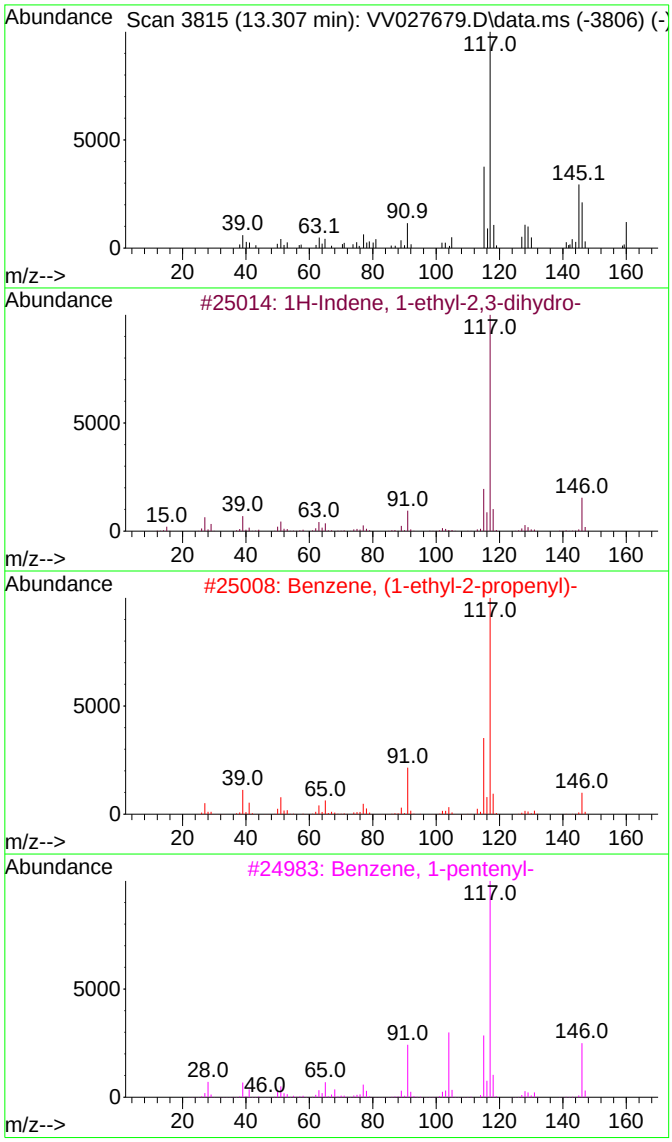
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

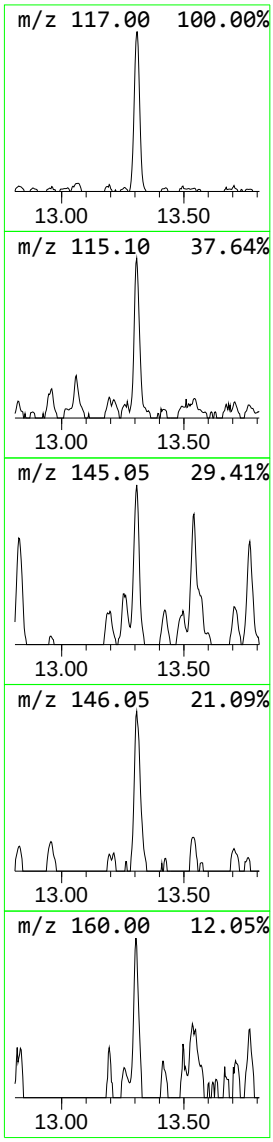
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1H-Indene, 1-ethyl-2,3-dihy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.307	0.94 ug/L	63882	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	68
2	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	68
3	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	64
4	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	64
5	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
Data File : VV027679.D
Acq On : 01 Sep 2022 20:12
Operator : SY/MD
Sample : N4366-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E75

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.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...	1.211	0.7	ug/L	45495	1	5.612	343861	5.0
(DEL) Alkane: S...	1.622	6.9	ug/L	474197	1	5.612	343861	5.0
(DEL) Alkane: S...	2.481	17.9	ug/L	1229550	1	5.612	343861	5.0
(DEL) Alkane: C...	2.561	3.1	ug/L	215576	1	5.612	343861	5.0
(DEL) Alkane: S...	3.523	0.5	ug/L	37283	1	5.612	343861	5.0
(DEL) Alkane: S...	3.651	11.7	ug/L	802189	1	5.612	343861	5.0
(DEL) Alkane: S...	4.751	12.9	ug/L	887827	1	5.612	343861	5.0
(DEL) Alkane: C...	4.934	0.6	ug/L	44214	1	5.612	343861	5.0
(DEL) Alkane: S...	5.223	28.3	ug/L	1949110	1	5.612	343861	5.0
(DEL) Alkane: S...	6.249	1.0	ug/L	69003	1	5.612	343861	5.0
(DEL) Alkane: S...	6.301	0.7	ug/L	47527	1	5.612	343861	5.0
(DEL) Alkane: C...	6.455	1.3	ug/L	87981	1	5.612	343861	5.0
(DEL) Alkane: S...	6.648	11.2	ug/L	773186	1	5.612	343861	5.0
(DEL) Alkane: S...	6.770	12.4	ug/L	853146	1	5.612	343861	5.0
(DEL) Alkane: C...	7.169	0.6	ug/L	38188	1	5.612	343861	5.0
unknown-01	7.259	0.8	ug/L	67084	2	8.850	406430	5.0
(DEL) Alkane: C...	7.783	0.8	ug/L	63699	2	8.850	406430	5.0
Cyclopentene, 1...	7.837	2.7	ug/L	217092	2	8.850	406430	5.0
2,4-Heptadiene,...	8.390	0.8	ug/L	61046	2	8.850	406430	5.0
Cyclohexene, 3,...	8.509	0.9	ug/L	70949	2	8.850	406430	5.0
1-Methylbicyclo...	9.104	1.1	ug/L	90700	2	8.850	406430	5.0
1,3-Hexadiene, ...	9.474	0.6	ug/L	51369	2	8.850	406430	5.0
Benzene, (3-met...	12.194	0.6	ug/L	38314	3	11.246	339543	5.0
1H-Indene, 2,3-...	12.548	0.9	ug/L	62003	3	11.246	339543	5.0
1H-Indene, 2,3-...	12.754	1.3	ug/L	87905	3	11.246	339543	5.0
1H-Indene, 1-et...	13.307	0.9	ug/L	63882	3	11.246	339543	5.0