LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033700.D
Acq On : 17 Jan 2024 03:19
Operator : SY/MD
Sample : P1143-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AZ2

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\SFAMVTR011224WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV033700.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.085	9	14	28	rBV	51556	50620	1.96%	0.462%
2	1.191	40	47	61	rBV	180087	163942	6.34%	1.498%
3	1.278	62	74	81	rBV3	96340	141380	5.47%	1.292%
4	1.532	148	153	165	rVB2	35572	50085	1.94%	0.458%
5	1.597	166	173	183	rVB	58227	75041	2.90%	0.686%
6	1.764	214	225	243	rBV3	29086	63670	2.46%	0.582%
7	1.902	260	268	279	rVV	52287	77815	3.01%	0.711%
8	1.970	281	289	307	rVV	91051	142535	5.51%	1.302%
9	2.056	308	316	338	rVB2	65228	116253	4.50%	1.062%
10	2.513	451	458	476	rVB3	24202	50250	1.94%	0.459%
11	2.693	500	514	532	rBV2	54439	103872	4.02%	0.949%
12	3.111	629	644	665	rBV	217797	461083	17.83%	4.212%
13	3.812	848	862	895	rBV	500225	1242370	48.05%	11.350%
14	4.249	983	998	1029	rBV2	49592	143610	5.55%	1.312%
15	4.677	1116	1131	1156	rVB4	20072	55234	2.14%	0.505%
16	4.822	1160	1176	1202	rVB8	6999	26886	1.04%	0.246%
17	4.960	1202	1219	1228	rBV2	118840	288534	11.16%	2.636%
18	5.011	1229	1235	1263	rVV2	95639	313499	12.13%	2.864%
19	5.137	1265	1274	1291	rVB3	23012	64094	2.48%	0.586%
20	5.535	1386	1398	1426	rBV	123055	267229	10.34%	2.441%
21	5.838	1483	1492	1519	rVB3	33581	82092	3.18%	0.750%
22	5.992	1523	1540	1567	rBV	68731	172638	6.68%	1.577%
23	6.497	1679	1697	1708	rBV4	11133	33093	1.28%	0.302%
24	6.574	1708	1721	1737	rVB4	12182	30172	1.17%	0.276%
25	6.699	1744	1760	1773	rBV3	17856	40980	1.59%	0.374%
26	6.918	1819	1828	1850	rVB3	48076	95122	3.68%	0.869%
27	7.092	1869	1882	1898	rVB6	11957	34317	1.33%	0.314%
28	7.243	1902	1929	1946	rBV	136449	283820	10.98%	2.593%
29	7.561	2009	2028	2044	rBV6	21794	56070	2.17%	0.512%
30	8.034	2160	2175	2203	rBV	134762	306129	11.84%	2.797%
31	8.153	2203	2212	2225	rVB9	14925	34915	1.35%	0.319%
32	8.812	2399	2417	2441	rBV2	1402020	2585455	100.00%	23.620%
33	9.407	2582	2602	2619	rBV2	10330	38760	1.50%	0.354%
34	9.641	2657	2675	2692	rBV8	13246	31216	1.21%	0.285%
35	9.870	2736	2746	2757	rBV3	14189	28310	1.09%	0.259%
36	10.156	2823	2835	2851	rVB	52078	92720	3.59%	0.847%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033700.D
Acq On : 17 Jan 2024 03:19
Operator : SY/MD
Sample : P1143-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AZ2

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\SFAMVTR011224WMA.M
Title : TRACE VOA SFAM1.0

37	10.670	2989	2995	3015	rVB8	11713	27000	1.04%	0.247%
38	10.799	3019	3035	3047	rBV4	24246	44969	1.74%	0.411%
39	10.870	3047	3057	3068	rVB3	34047	56713	2.19%	0.518%
40	10.934	3068	3077	3087	rBV2	23152	40993	1.59%	0.375%
41	10.992	3087	3095	3100	rBV	48432	69267	2.68%	0.633%
42	11.024	3101	3105	3121	rVB	49144	72159	2.79%	0.659%
43	11.117	3125	3134	3145	rBV	93066	146577	5.67%	1.339%
44	11.188	3146	3156	3158	rBV	224820	290209	11.22%	2.651%
45	11.394	3212	3220	3232	rVB2	21926	37138	1.44%	0.339%
46	11.574	3254	3276	3294	rBV2	222987	564084	21.82%	5.153%
47	11.924	3376	3385	3393	rBV4	16979	31501	1.22%	0.288%
48	11.985	3394	3404	3415	rVB9	21760	48812	1.89%	0.446%
49	12.062	3418	3428	3435	rBV9	16287	33632	1.30%	0.307%
50	12.233	3474	3481	3491	rVB2	23944	38927	1.51%	0.356%
51	12.320	3491	3508	3516	rBV4	23326	47885	1.85%	0.437%
52	12.490	3553	3561	3572	rVB2	28087	45716	1.77%	0.418%
53	12.622	3593	3602	3611	rBV	44514	68788	2.66%	0.628%
54	13.197	3770	3781	3791	rBV	543453	813723	31.47%	7.434%
55	13.249	3791	3797	3802	rBV2	23064	34216	1.32%	0.313%
56	13.484	3863	3870	3881	rVV3	18092	37072	1.43%	0.339%
57	13.541	3881	3888	3902	rVB8	23695	44763	1.73%	0.409%
58	13.632	3904	3916	3924	rBV3	64041	130016	5.03%	1.188%
59	13.680	3925	3931	3949	rVB2	58182	108819	4.21%	0.994%
60	13.853	3974	3985	3998	rVB9	12248	28568	1.10%	0.261%
61	14.040	4032	4043	4053	rBV5	18951	45204	1.75%	0.413%
62	14.236	4092	4104	4114	rBV3	30413	55305	2.14%	0.505%
63	14.554	4197	4203	4214	rVV5	12938	29878	1.16%	0.273%
64	14.622	4216	4224	4238	rVB9	18152	41569	1.61%	0.380%
65	14.767	4260	4269	4279	rVB5	18149	34224	1.32%	0.313%
66	15.750	4566	4575	4582	rBV3	20739	34401	1.33%	0.314%

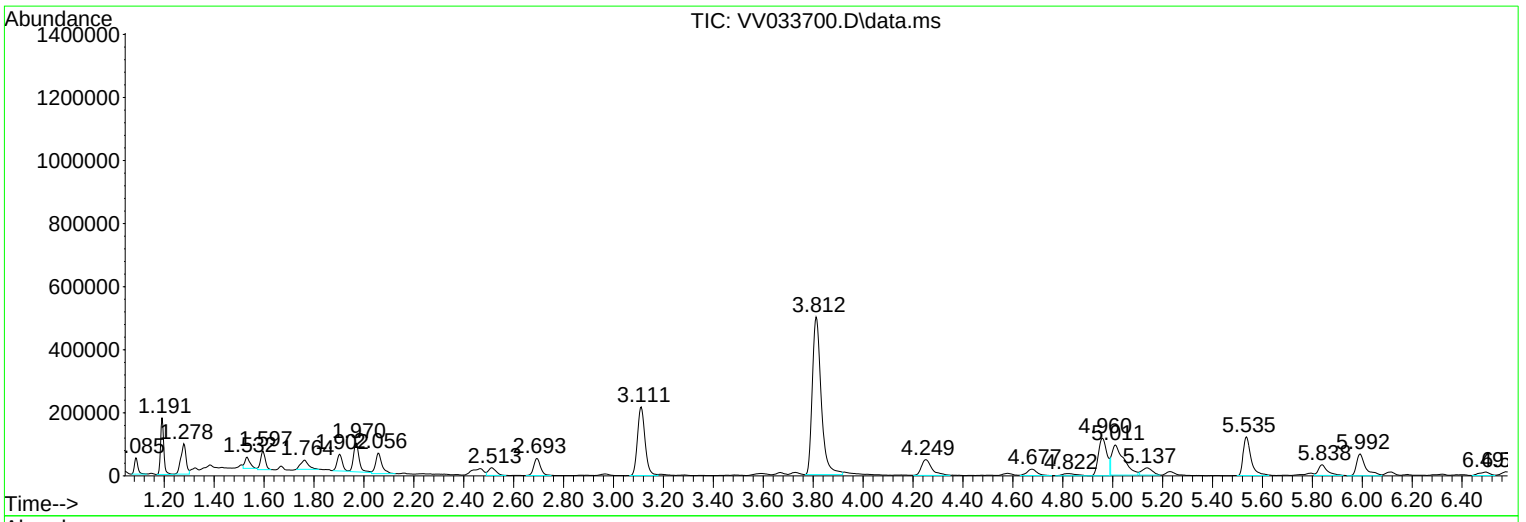
Sum of corrected areas: 10945939

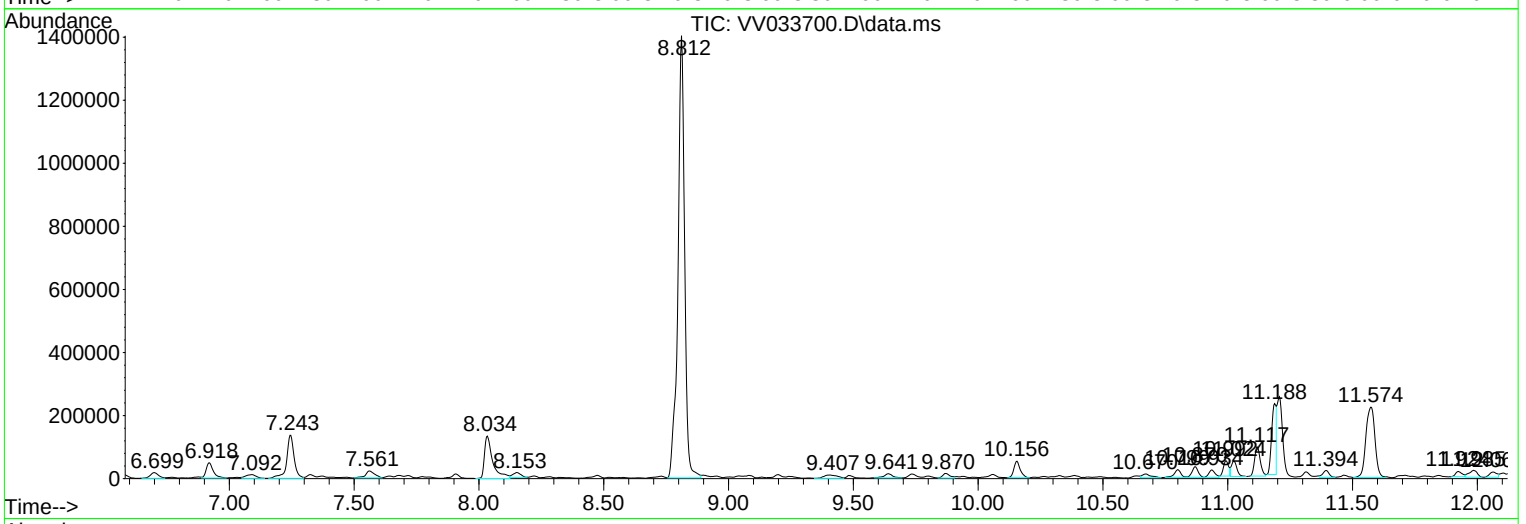
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033700.D
Acq On : 17 Jan 2024 03:19
Operator : SY/MD
Sample : P1143-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

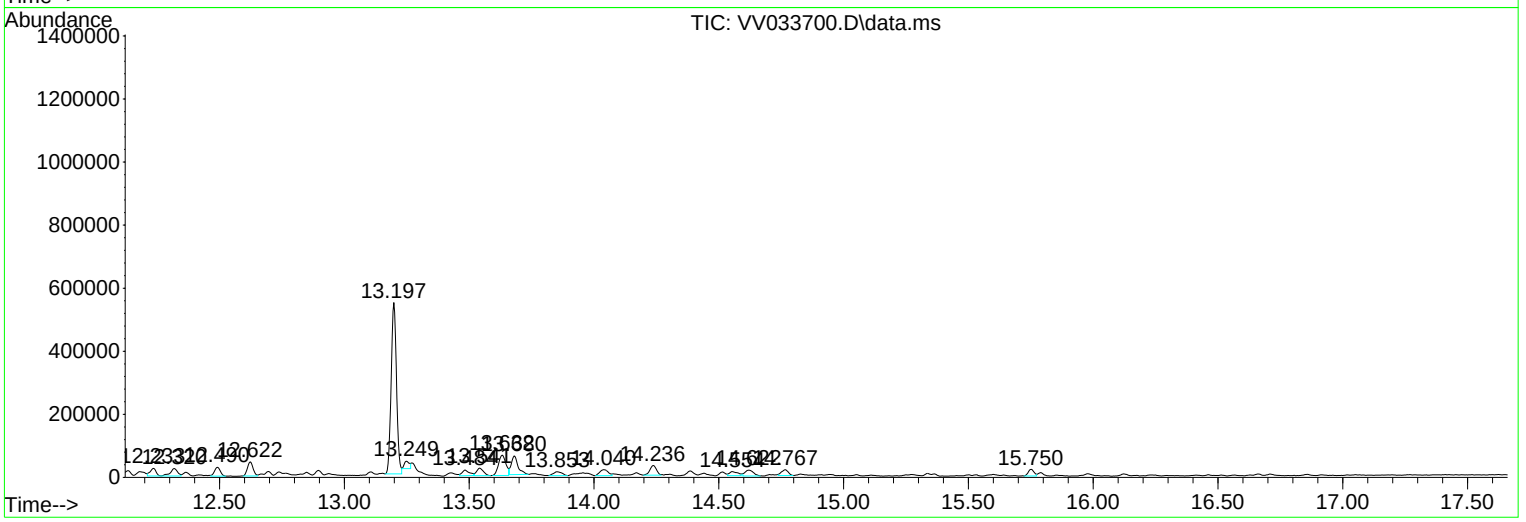
Instrument :
MSVOA_V
ClientSampleId :
C0AZ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.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\VV011624\
Data File : VV033700.D
Acq On : 17 Jan 2024 03:19
Operator : SY/MD
Sample : P1143-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AZ2

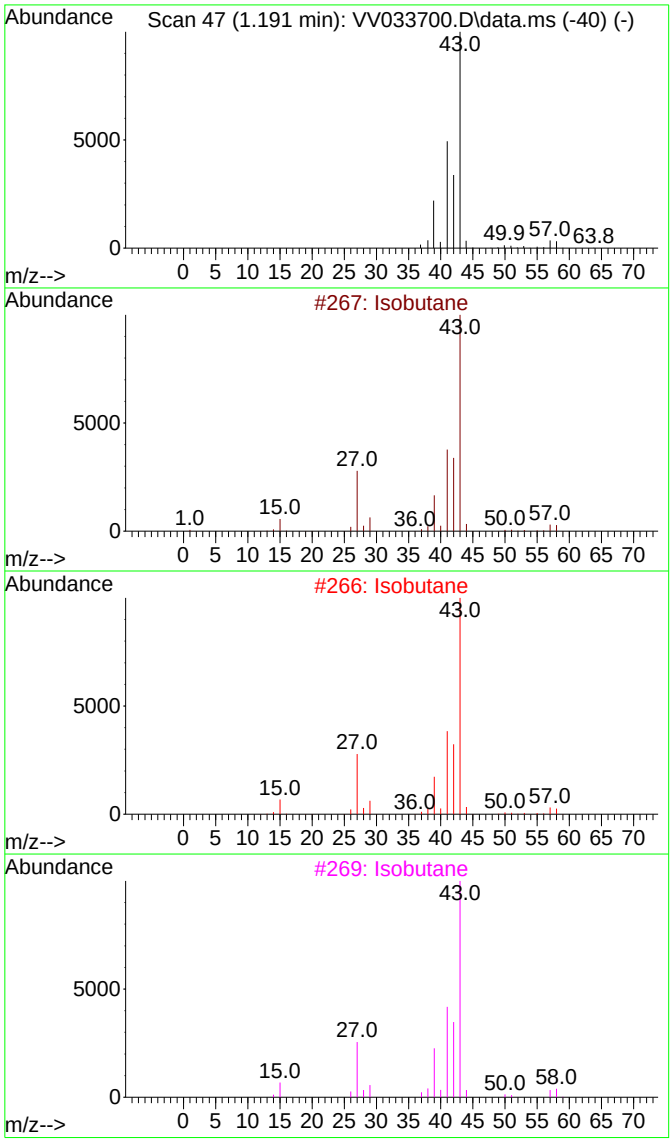
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

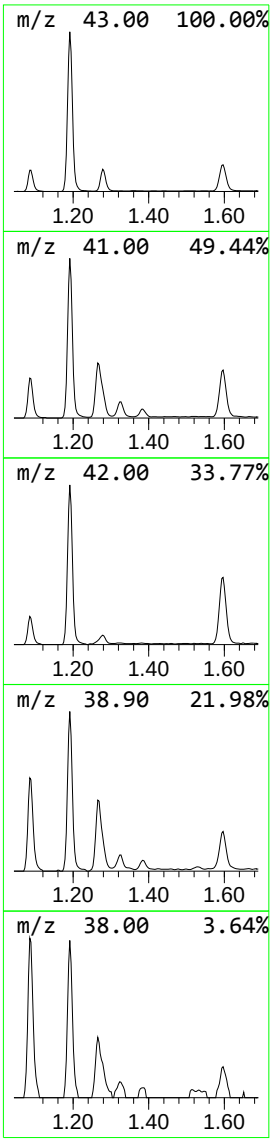
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.191	3.07 ug/L	163942	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	72
2	Isobutane	58	C4H10	000075-28-5	72
3	Isobutane	58	C4H10	000075-28-5	64
4	Isobutane	58	C4H10	000075-28-5	64
5	Isobutane	58	C4H10	000075-28-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033700.D
Acq On : 17 Jan 2024 03:19
Operator : SY/MD
Sample : P1143-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AZ2

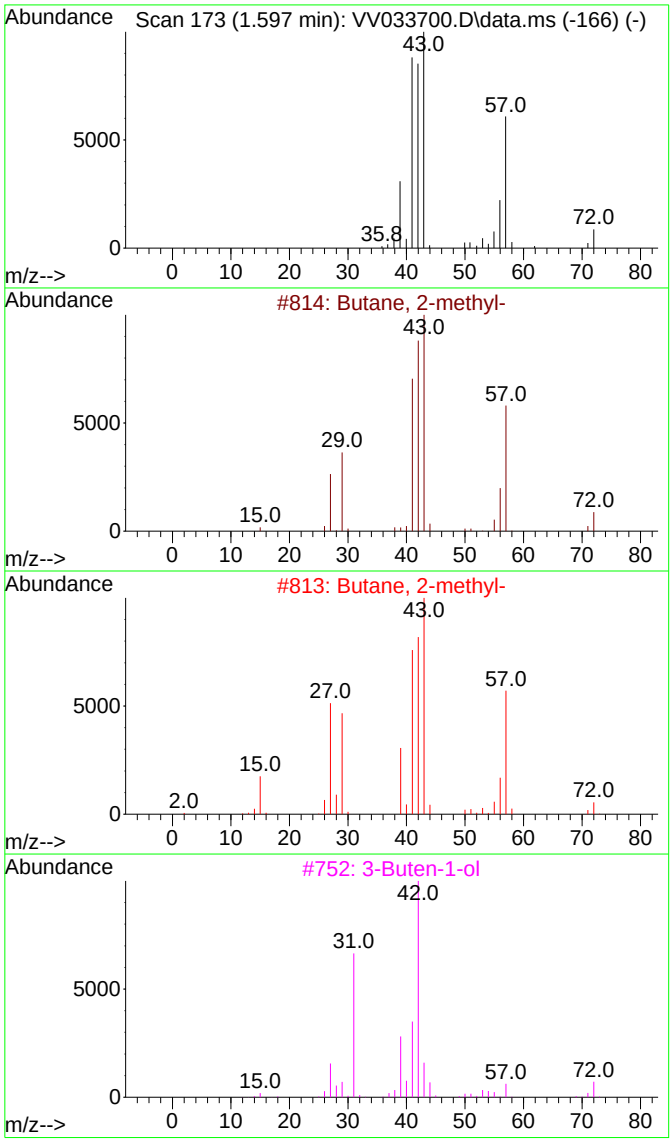
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

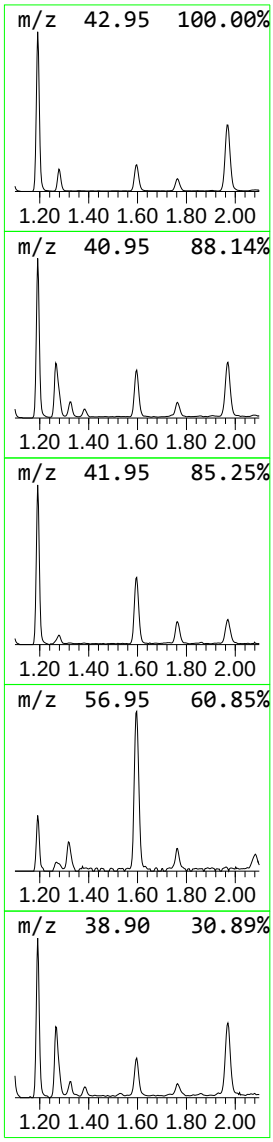
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.597	1.40 ug/L	75041	1,4-Difluorobenzene	5.535

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	3-Buten-1-ol	72	C4H8O	000627-27-0	47
4	Pentane	72	C5H12	000109-66-0	36
5	2(3H)-Furanone, dihydro-4-methyl-	100	C5H8O2	001679-49-8	36





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033700.D
Acq On : 17 Jan 2024 03:19
Operator : SY/MD
Sample : P1143-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AZ2

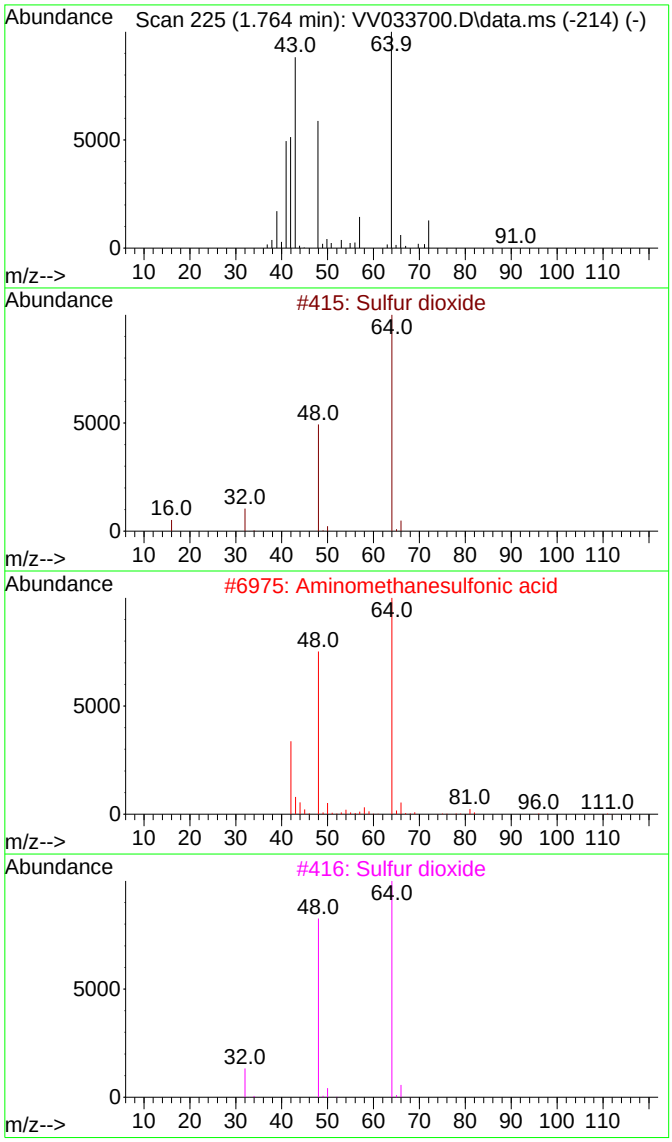
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

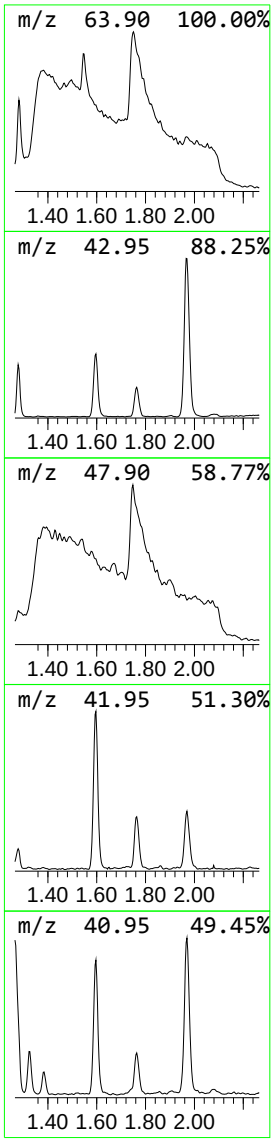
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Sulfur dioxide Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.764	1.19 ug/L	63670	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	72
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
3	Sulfur dioxide	64	O2S	007446-09-5	50
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	39
5	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033700.D
Acq On : 17 Jan 2024 03:19
Operator : SY/MD
Sample : P1143-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AZ2

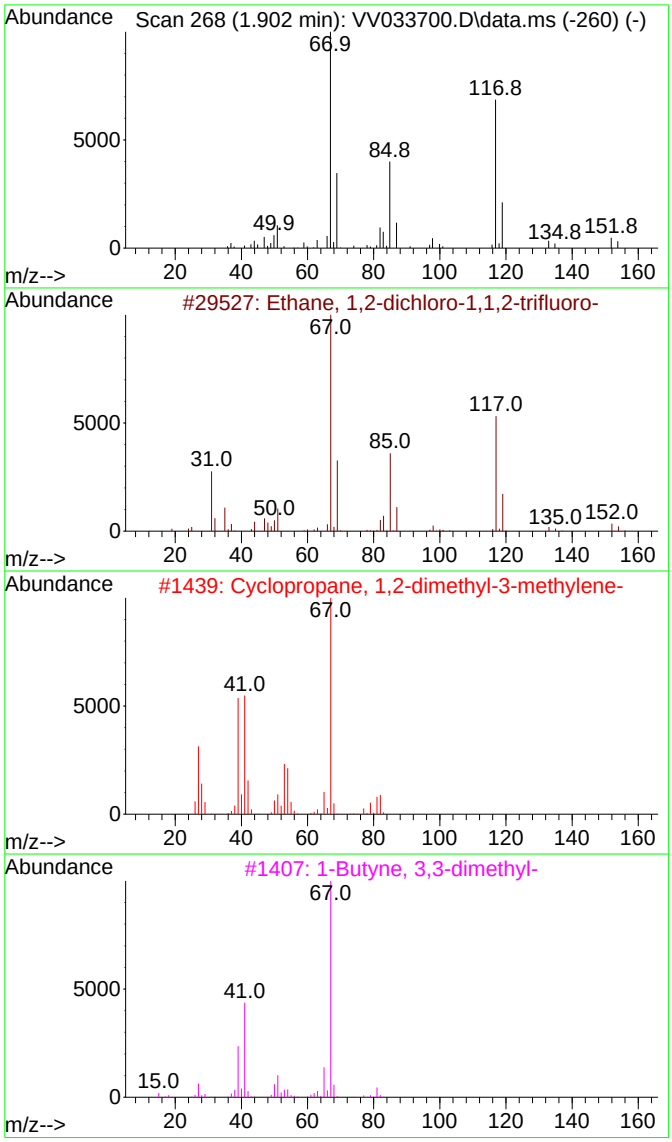
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

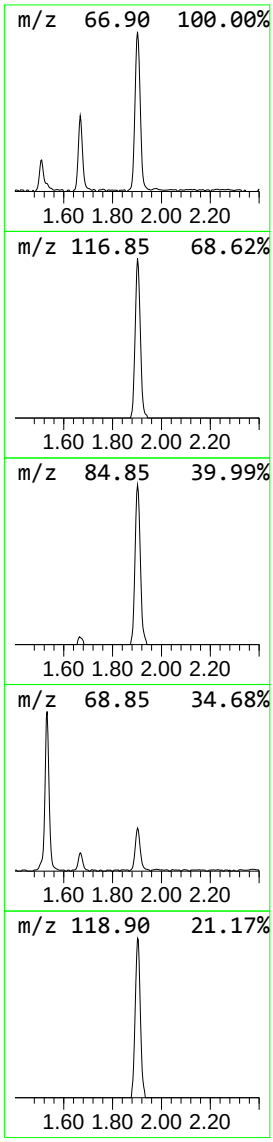
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Ethane, 1,2-dichloro-1,1,2-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.902	1.46 ug/L	77815	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,2-dichloro-1,1,2-trifl...	152	C2HCl2F3	000354-23-4	93
2	Cyclopropane, 1,2-dimethyl-3-met...	82	C6H10	062338-02-7	16
3	1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	12
4	Methyl 2-butynoate	98	C5H6O2	023326-27-4	9
5	Methyl 2-butynoate	98	C5H6O2	023326-27-4	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033700.D
Acq On : 17 Jan 2024 03:19
Operator : SY/MD
Sample : P1143-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AZ2

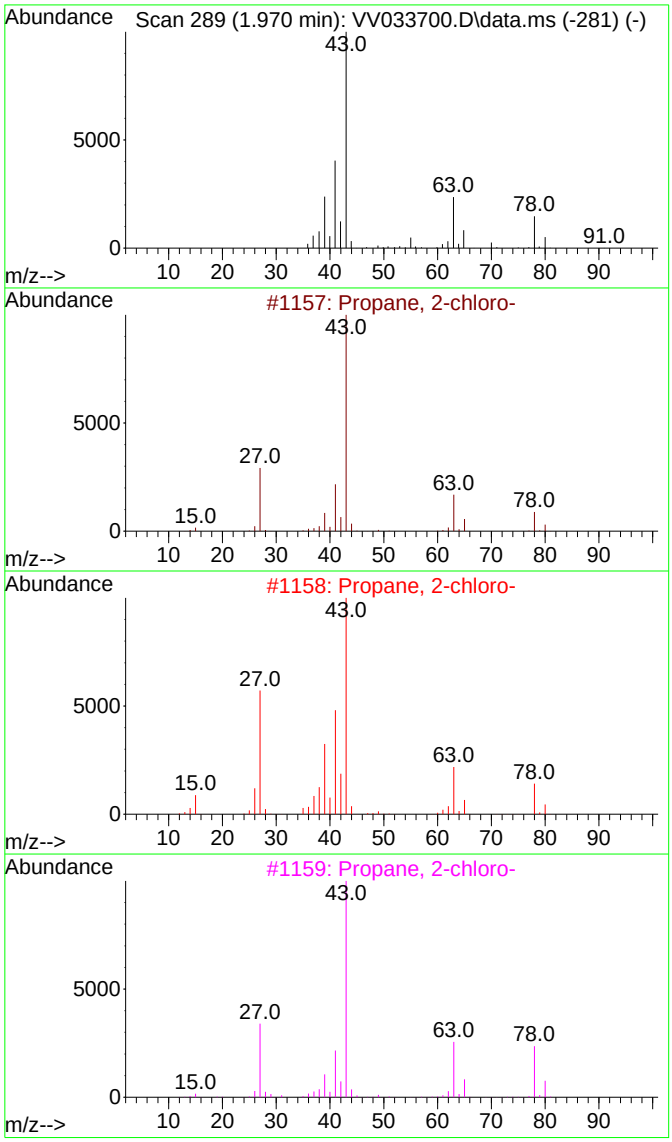
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

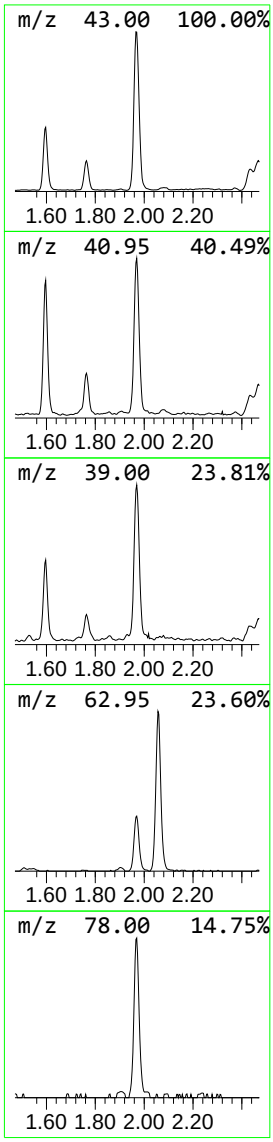
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Propane, 2-chloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.970	2.67 ug/L	142535	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-chloro-	78	C3H7Cl	000075-29-6	86
2	Propane, 2-chloro-	78	C3H7Cl	000075-29-6	64
3	Propane, 2-chloro-	78	C3H7Cl	000075-29-6	64
4	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	12
5	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033700.D
Acq On : 17 Jan 2024 03:19
Operator : SY/MD
Sample : P1143-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AZ2

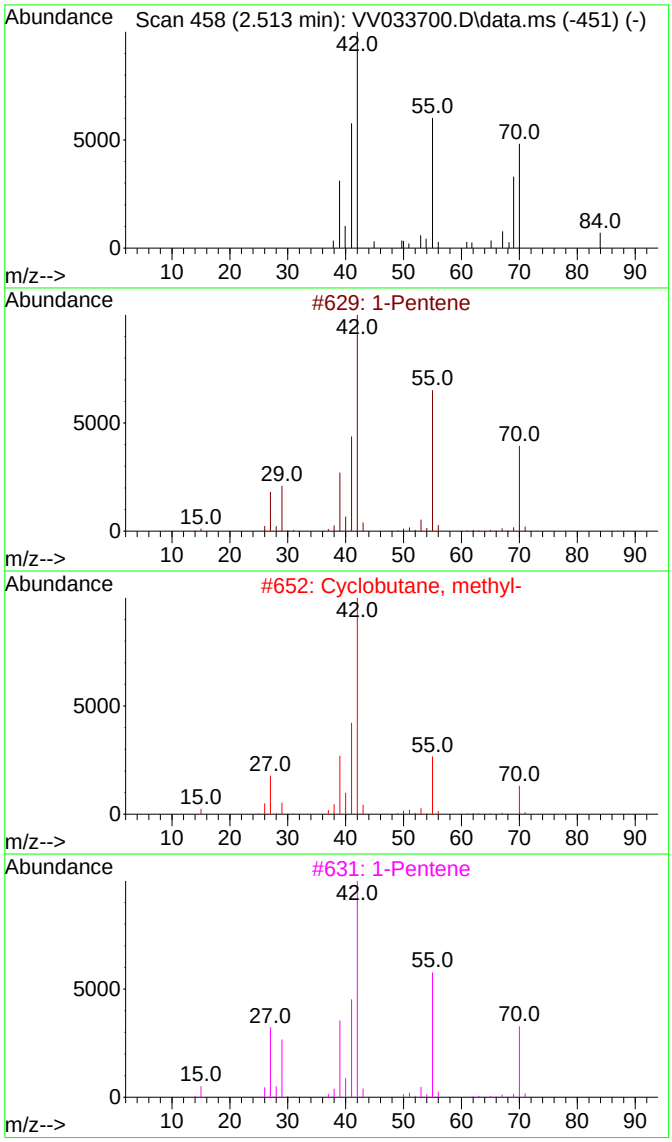
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

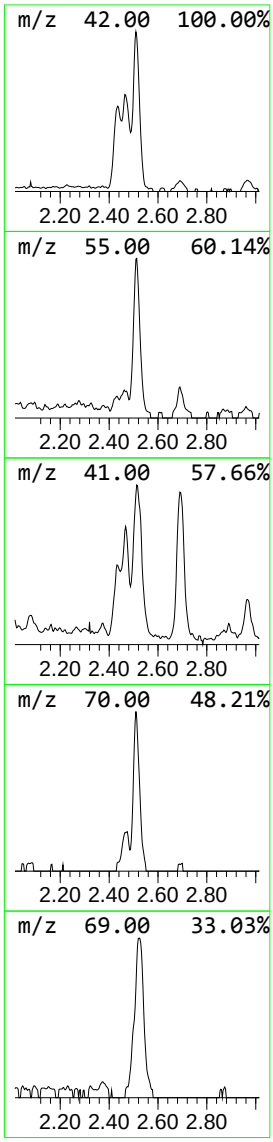
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.513	0.94 ug/L	50250	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene	70	C5H10	000109-67-1	80
2	Cyclobutane, methyl-	70	C5H10	000598-61-8	72
3	1-Pentene	70	C5H10	000109-67-1	72
4	1-Pentene	70	C5H10	000109-67-1	38
5	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	32





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033700.D
Acq On : 17 Jan 2024 03:19
Operator : SY/MD
Sample : P1143-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AZ2

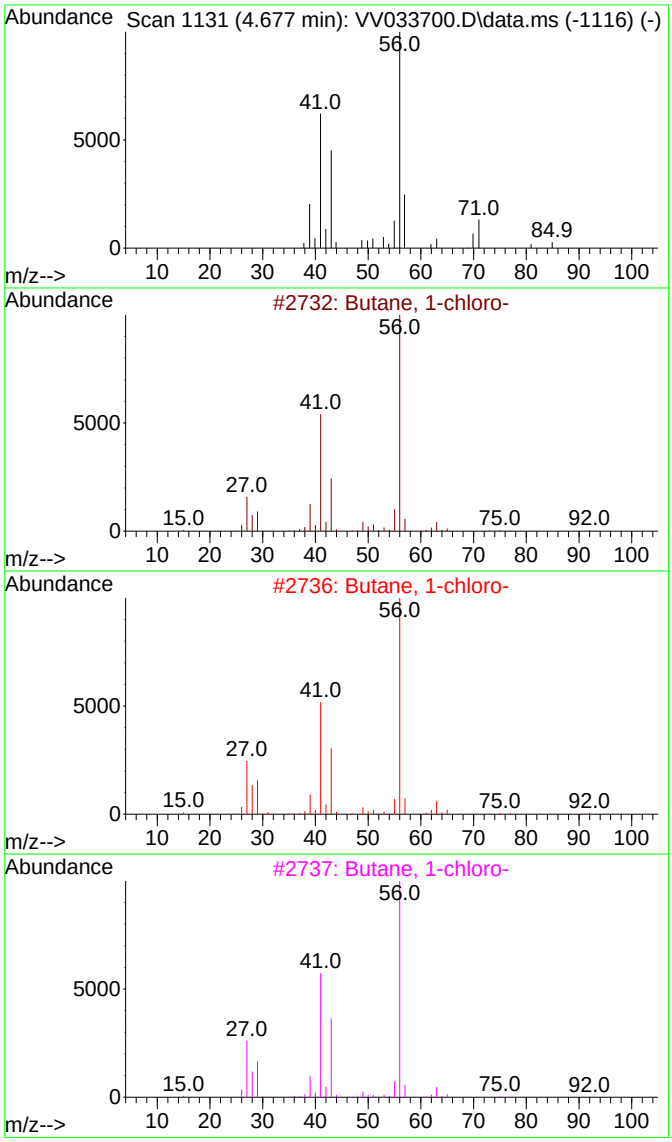
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

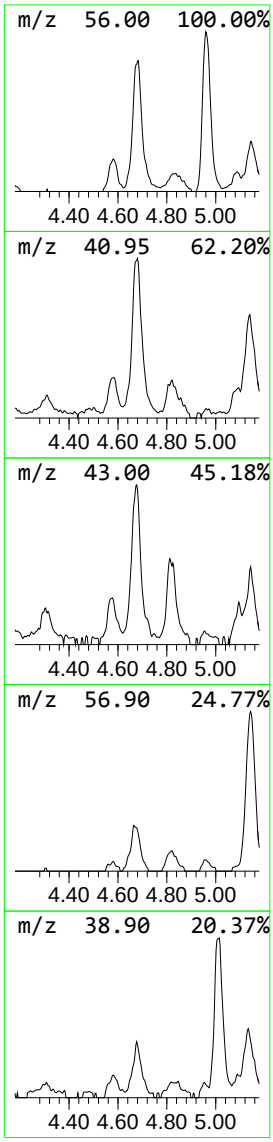
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Butane, 1-chloro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.677	1.03 ug/L	55234	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 1-chloro-	92	C4H9Cl	000109-69-3	64
2	Butane, 1-chloro-	92	C4H9Cl	000109-69-3	64
3	Butane, 1-chloro-	92	C4H9Cl	000109-69-3	45
4	Pentanal, 3-methyl-	100	C6H12O	015877-57-3	39
5	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	39





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033700.D
Acq On : 17 Jan 2024 03:19
Operator : SY/MD
Sample : P1143-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AZ2

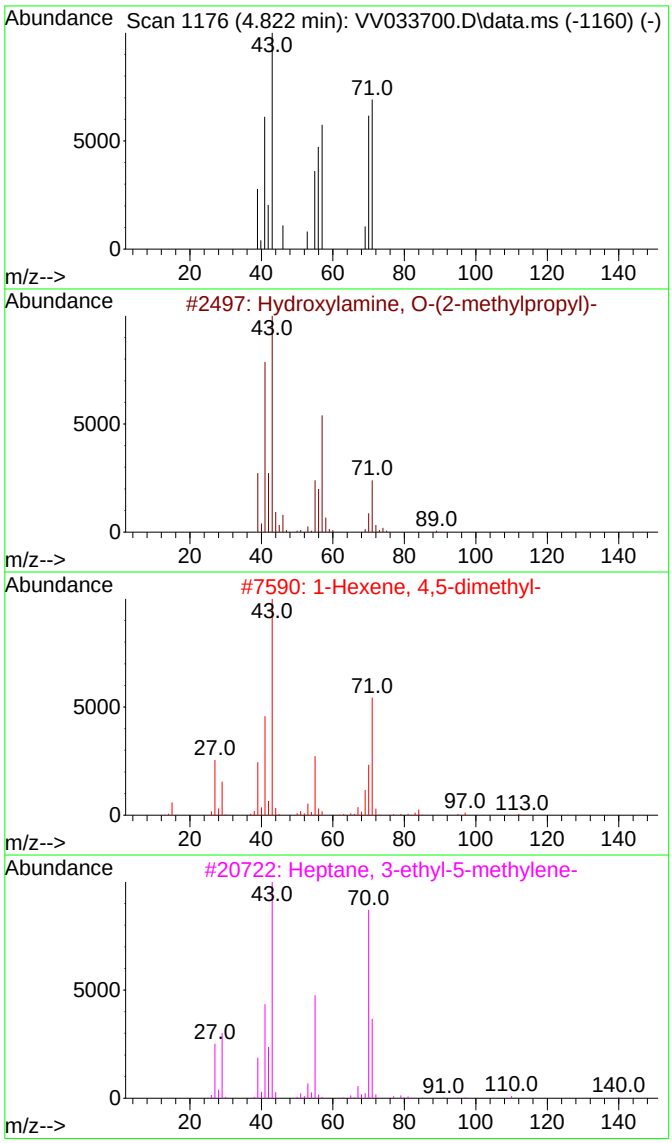
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

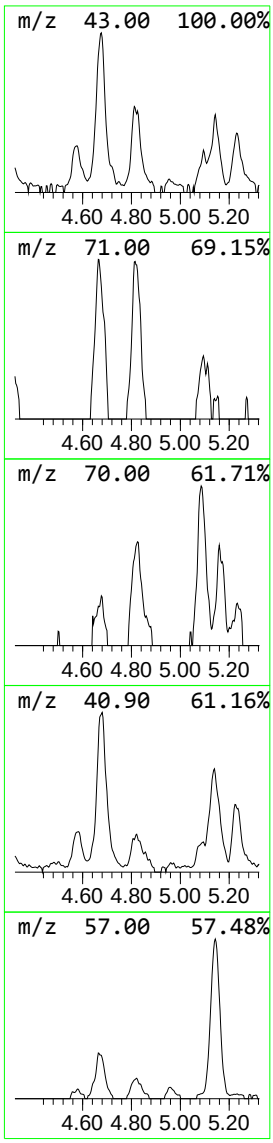
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Hydroxylamine, O-(2-methylp... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.822	0.50 ug/L	26886	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydroxylamine, O-(2-methylpropyl)-	89	C4H11NO	005618-62-2	53
2	1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	23
3	Heptane, 3-ethyl-5-methylene-	140	C10H20	1010160-41-7	23
4	2-Butene, (Z)-	56	C4H8	000590-18-1	9
5	(E)-1,3-Butadien-1-ol	70	C4H6O	070411-98-2	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033700.D
Acq On : 17 Jan 2024 03:19
Operator : SY/MD
Sample : P1143-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AZ2

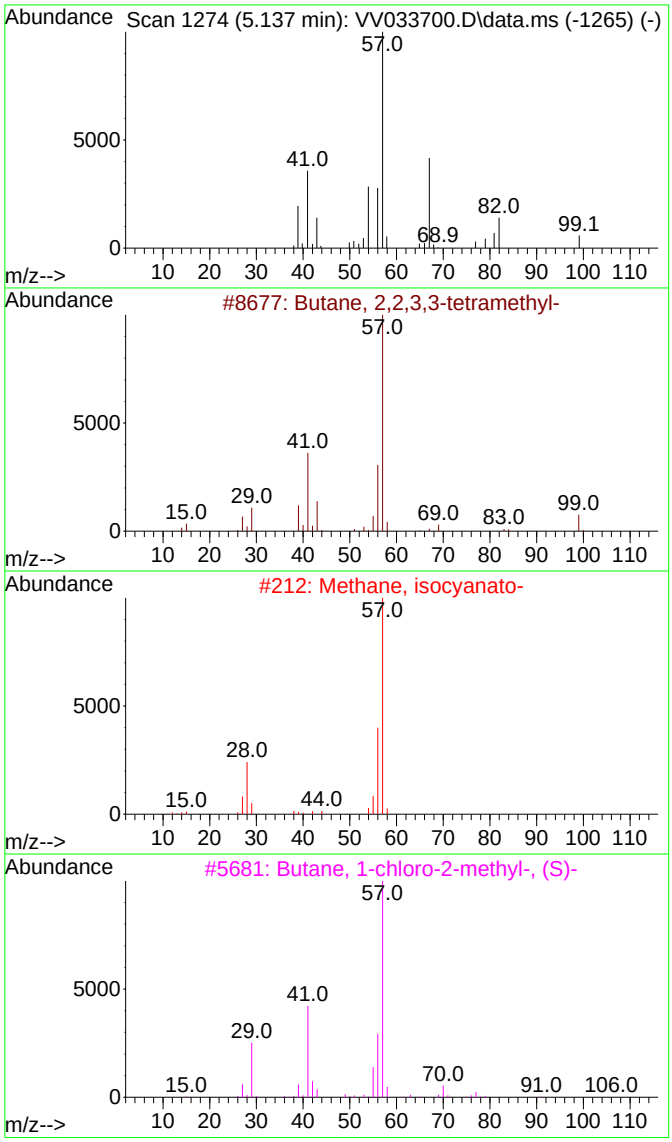
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

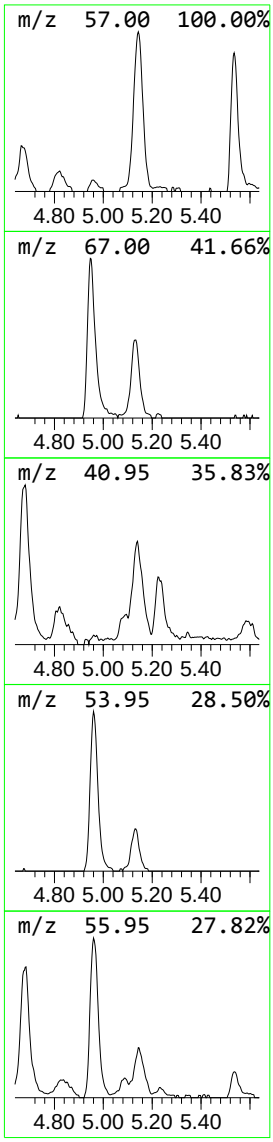
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.137	1.20 ug/L	64094	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	10
2	Methane, isocyanato-	57	C2H3NO	000624-83-9	9
3	Butane, 1-chloro-2-methyl-, (S)-	106	C5H11Cl	040560-29-0	9
4	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	9
5	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033700.D
Acq On : 17 Jan 2024 03:19
Operator : SY/MD
Sample : P1143-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AZ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

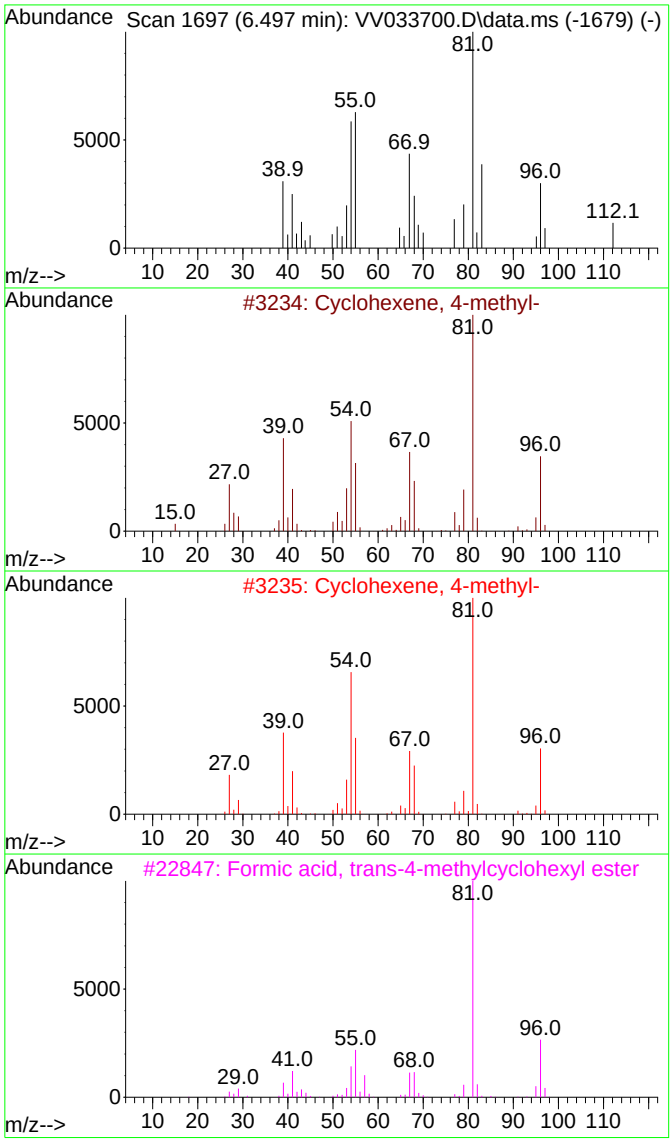
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

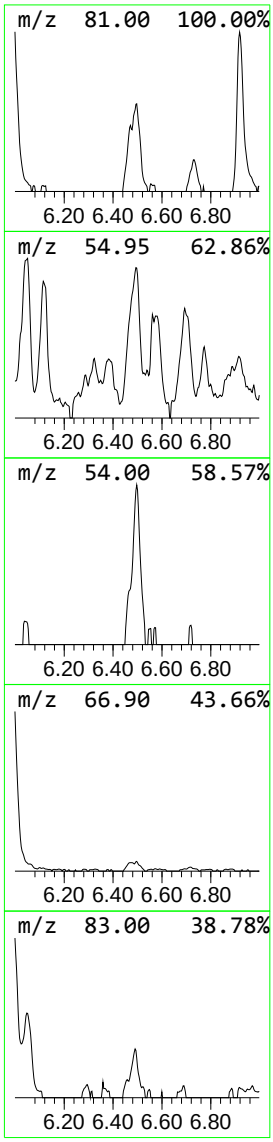
****

Peak Number 11 Cyclohexene, 4-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.497	0.62 ug/L	33093	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	90
2	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	64
3	Formic acid, trans-4-methylcyclo...	142	C8H14O2	1000368-24-5	58
4	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	52
5	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033700.D
Acq On : 17 Jan 2024 03:19
Operator : SY/MD
Sample : P1143-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AZ2

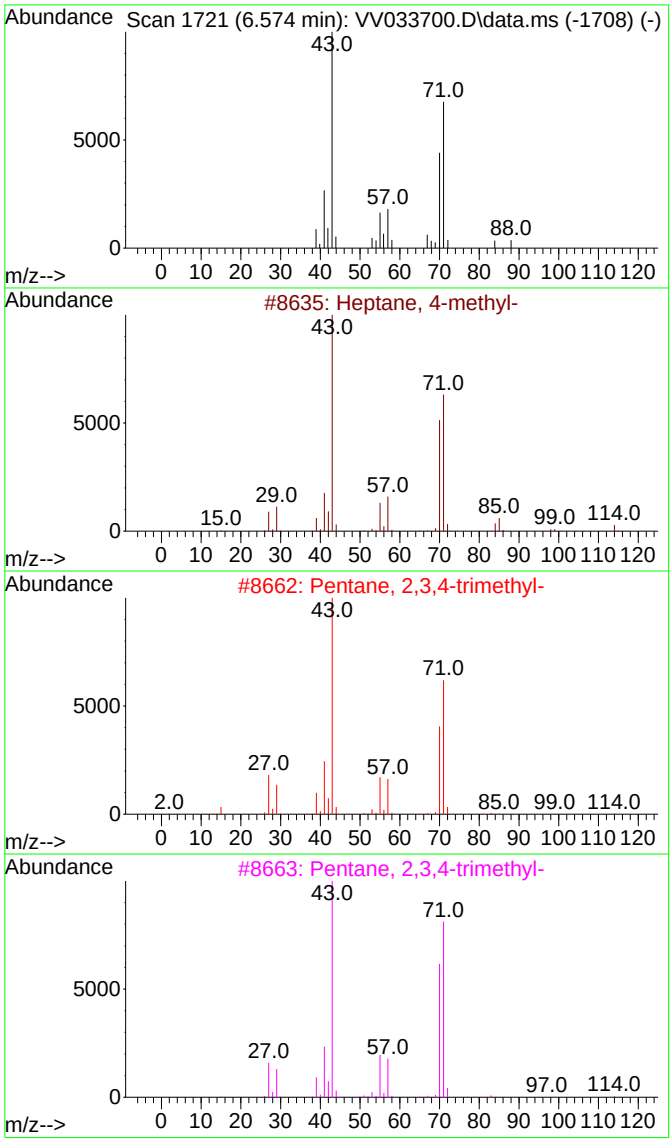
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

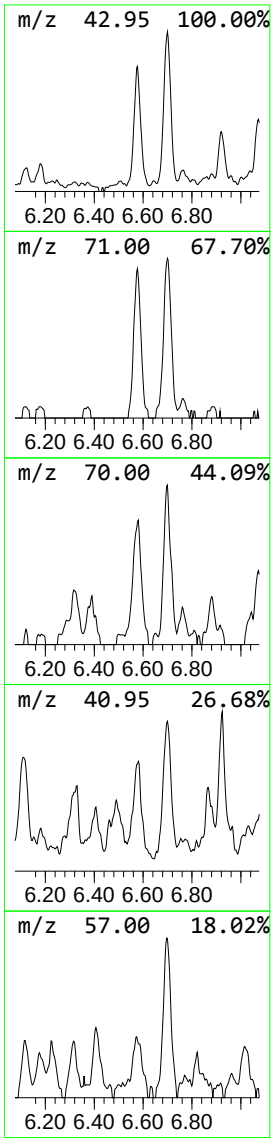
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.574	0.56 ug/L	30172	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-methyl-	114	C8H18	000589-53-7	78
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	72
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	72
4	Pentane, 3-ethyl-	100	C7H16	000617-78-7	64
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033700.D
Acq On : 17 Jan 2024 03:19
Operator : SY/MD
Sample : P1143-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AZ2

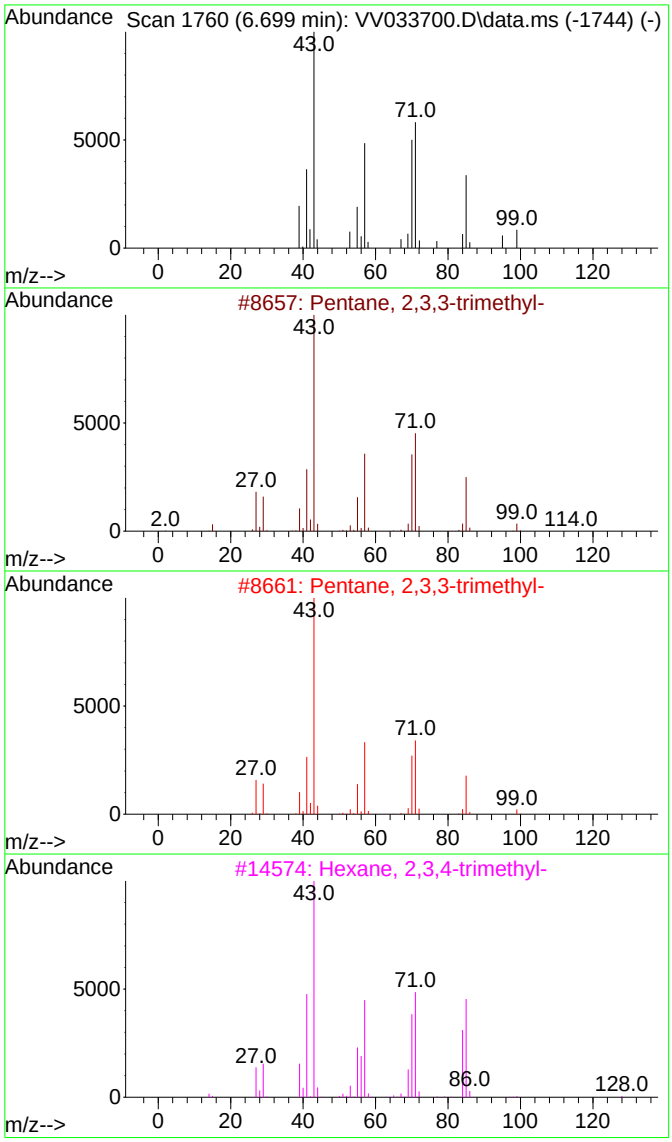
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

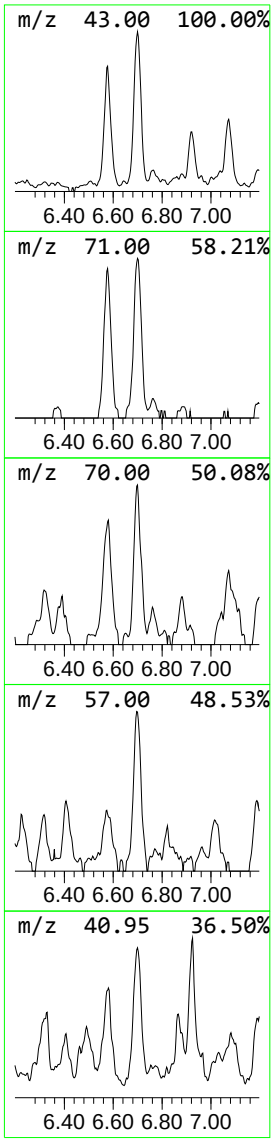
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.699	0.77 ug/L	40980	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
2	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	78
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	78
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033700.D
Acq On : 17 Jan 2024 03:19
Operator : SY/MD
Sample : P1143-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AZ2

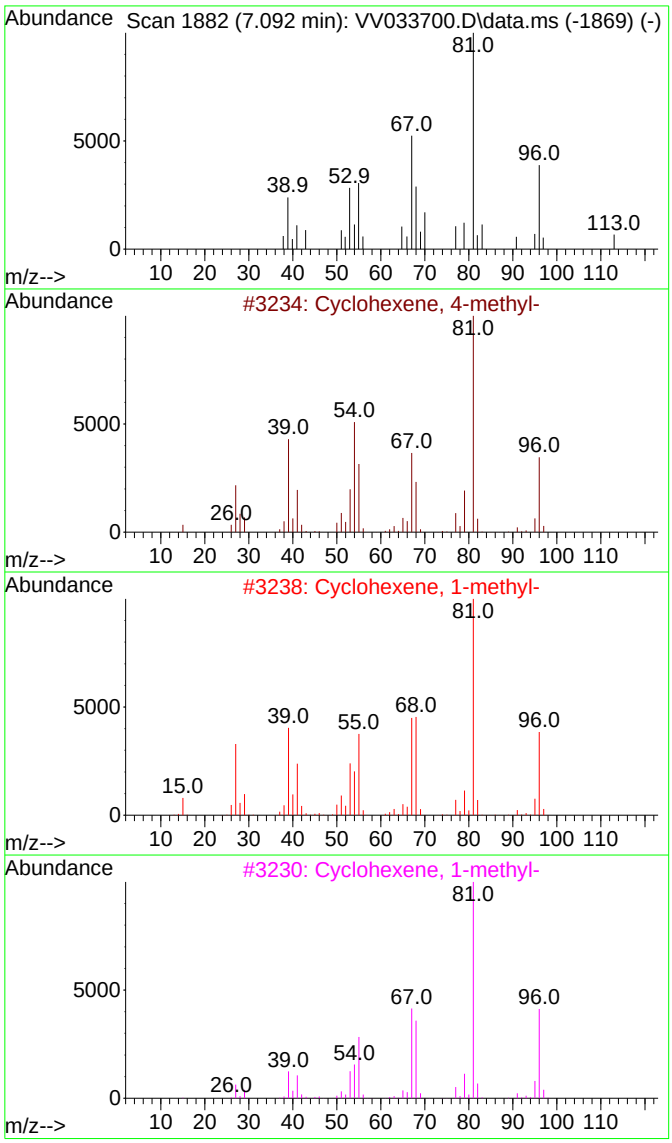
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

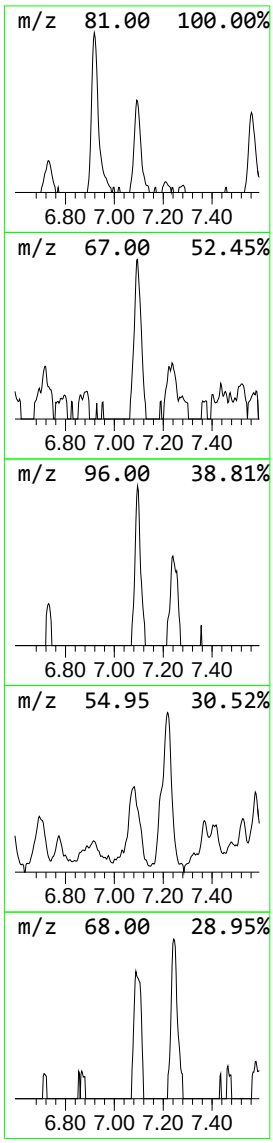
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cyclohexene, 1-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.092	0.64 ug/L	34317	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	90
2	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	80
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	74
4	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	72
5	Cyclohexane, methylene-	96	C7H12	001192-37-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033700.D
Acq On : 17 Jan 2024 03:19
Operator : SY/MD
Sample : P1143-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AZ2

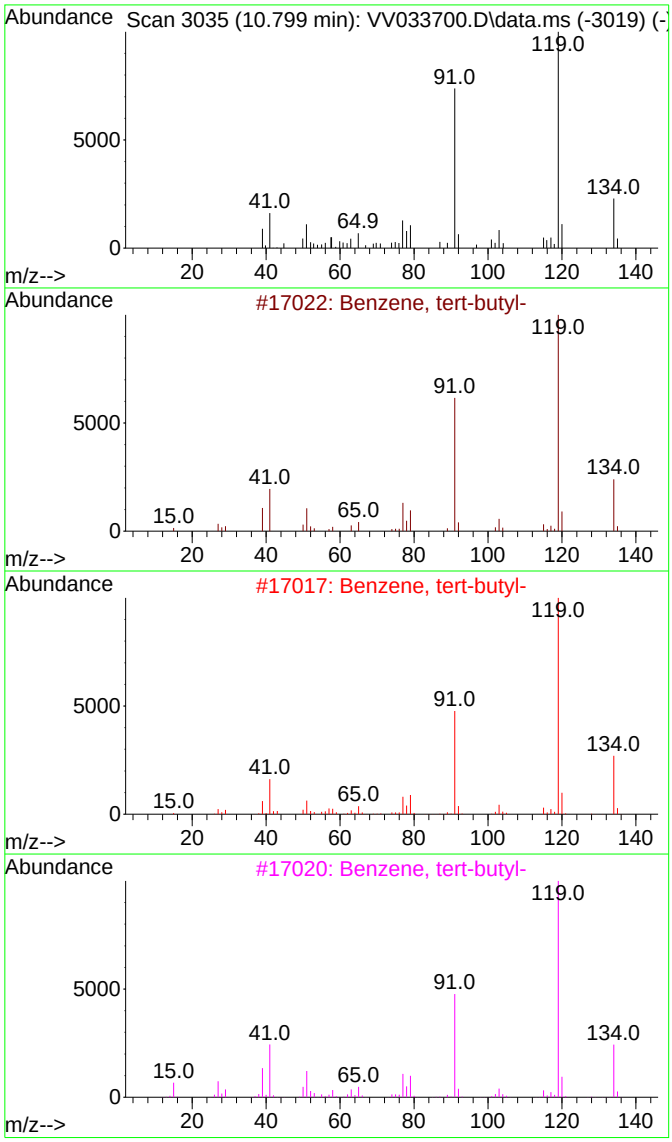
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

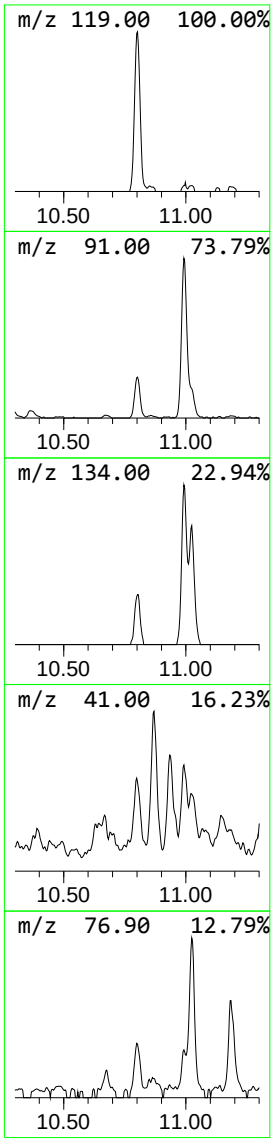
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, tert-butyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.799	0.77 ug/L	44969	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, tert-butyl-	134	C10H14	000098-06-6	96
2	Benzene, tert-butyl-	134	C10H14	000098-06-6	90
3	Benzene, tert-butyl-	134	C10H14	000098-06-6	87
4	Benzene, tert-butyl-	134	C10H14	000098-06-6	87
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033700.D
Acq On : 17 Jan 2024 03:19
Operator : SY/MD
Sample : P1143-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AZ2

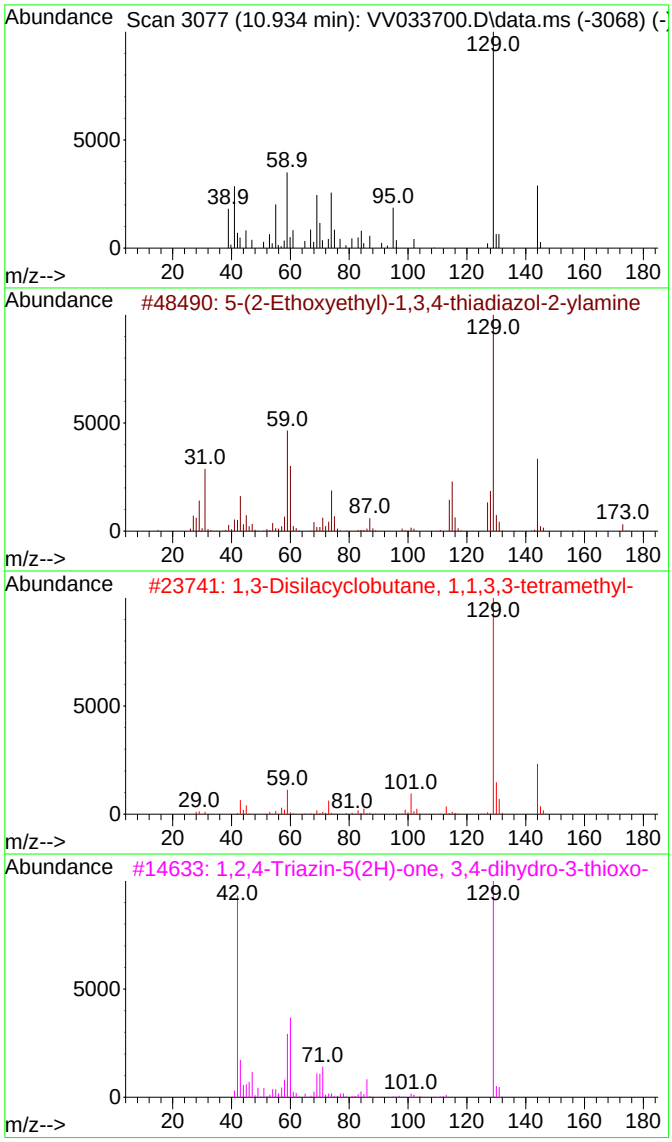
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

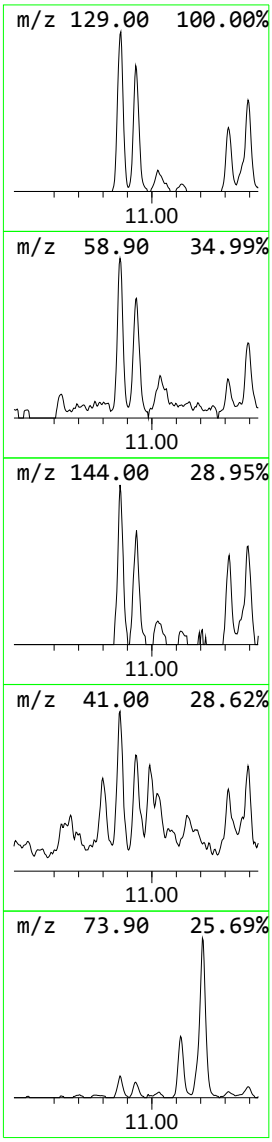
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 5-(2-Ethoxyethyl)-1,3,4-thi... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.934	0.71 ug/L	40993	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-(2-Ethoxyethyl)-1,3,4-thiadiaz...	173	C6H11N3OS	299936-83-7	50
2	1,3-Disilacyclobutane, 1,1,3,3-t...	144	C6H16Si2	001627-98-1	42
3	1,2,4-Triazin-5(2H)-one, 3,4-dih...	129	C3H3N3OS	000626-08-4	38
4	4H-1,2,4-Triazole, 4-methyl-3-(m...	129	C4H7N3S	021094-61-1	38
5	Flucytosine	129	C4H4FN3O	002022-85-7	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033700.D
Acq On : 17 Jan 2024 03:19
Operator : SY/MD
Sample : P1143-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AZ2

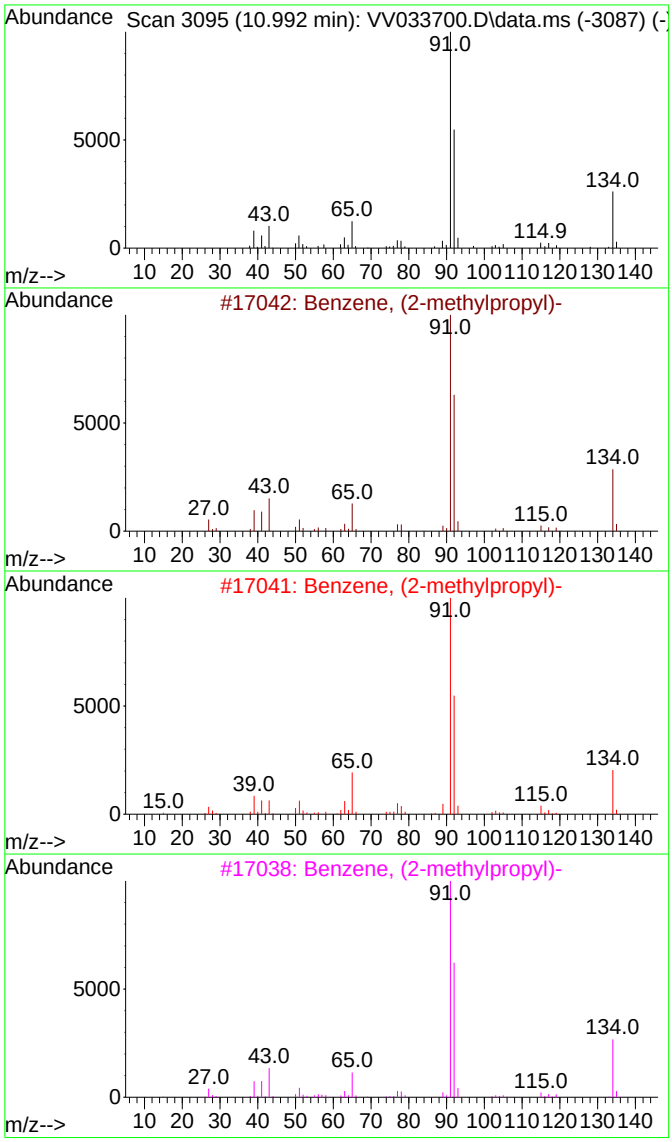
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

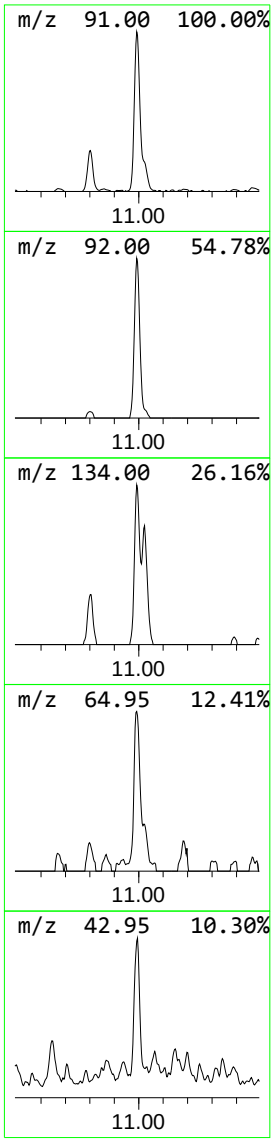
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, (2-methylpropyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.992	1.19 ug/L	69267	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	94
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	94
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	91
4	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	91
5	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033700.D
Acq On : 17 Jan 2024 03:19
Operator : SY/MD
Sample : P1143-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AZ2

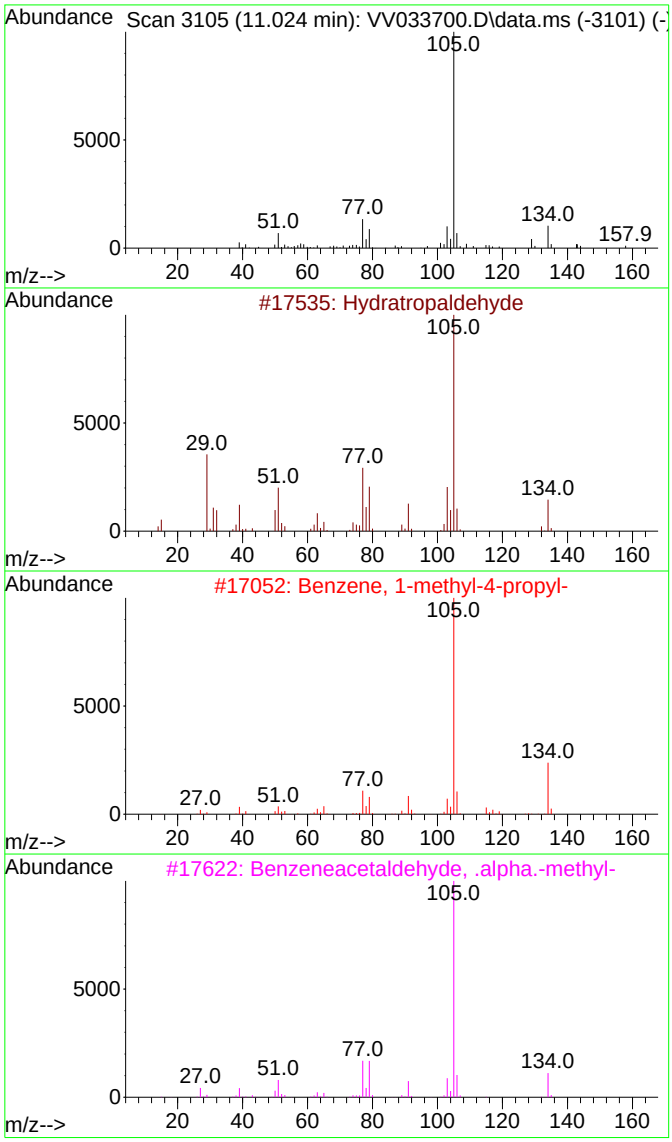
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

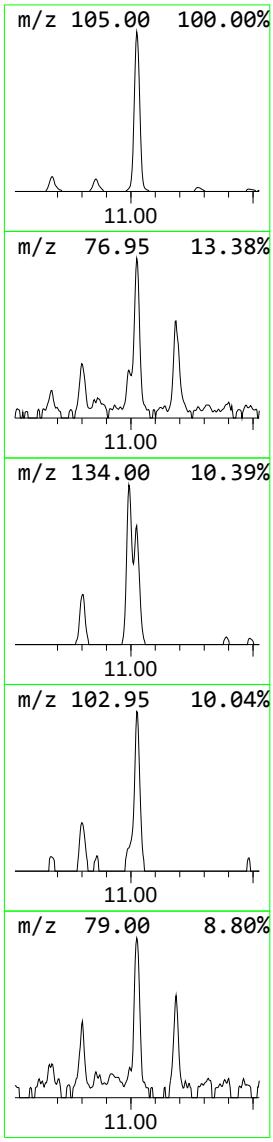
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Hydratropaldehyde Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.024	1.24 ug/L	72159	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydratropaldehyde	134	C9H10O	034713-70-7	72
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	64
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	59
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	53
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033700.D
Acq On : 17 Jan 2024 03:19
Operator : SY/MD
Sample : P1143-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AZ2

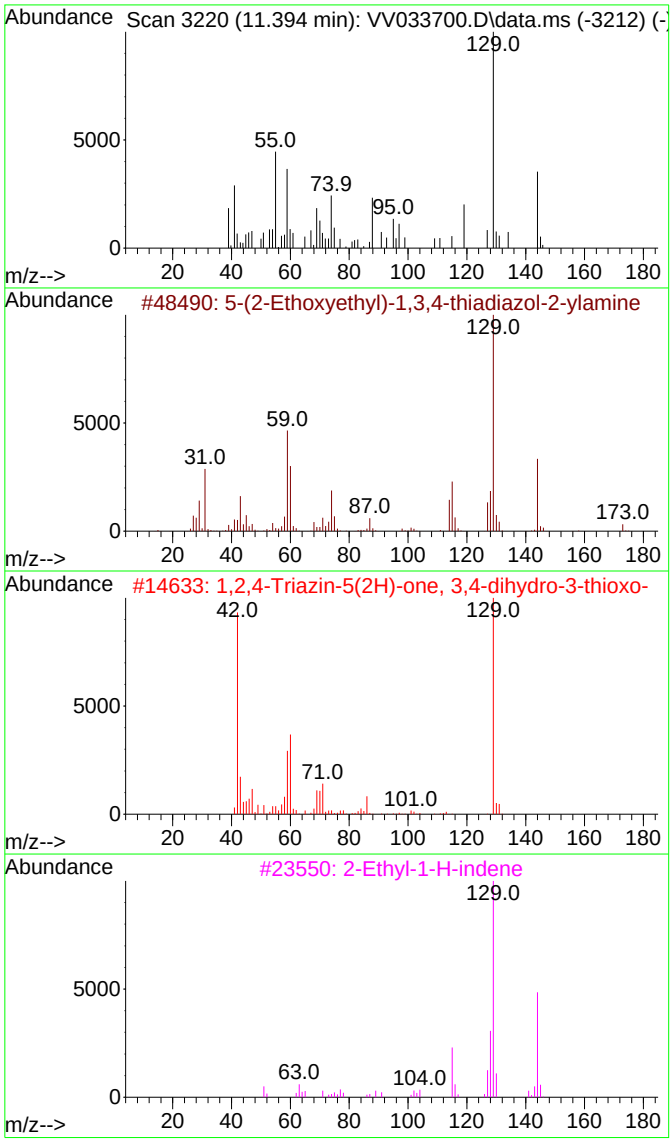
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

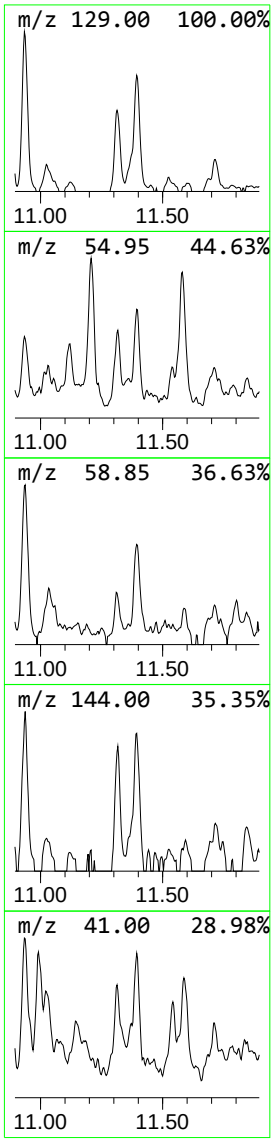
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 unknown-01 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.394	0.64 ug/L	37138	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-(2-Ethoxyethyl)-1,3,4-thiadiaz...	173	C6H11N3OS	299936-83-7	38
2	1,2,4-Triazin-5(2H)-one, 3,4-dih...	129	C3H3N3OS	000626-08-4	38
3	2-Ethyl-1-H-indene	144	C11H12	017059-50-6	38
4	1H-Indene, 1-ethenyl-2,3-dihydro-	144	C11H12	051783-46-1	35
5	2-Heptenoic acid, tetradecyl ester	324	C21H40O2	1000406-09-9	25





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Data File : VV033700.D
Acq On : 17 Jan 2024 03:19
Operator : SY/MD
Sample : P1143-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AZ2

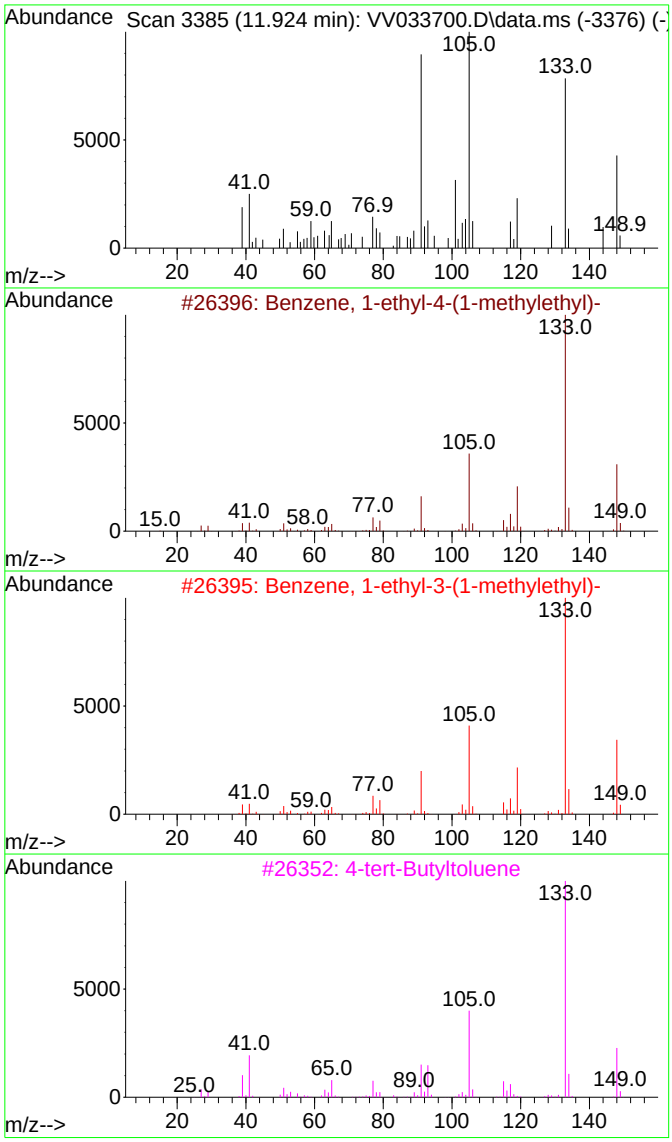
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

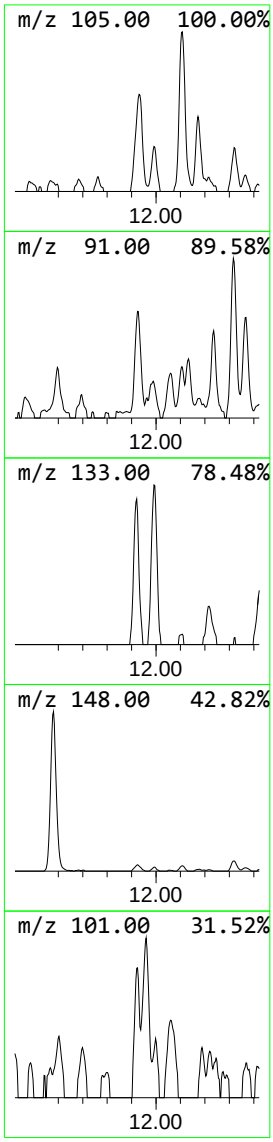
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.924	0.54 ug/L	31501	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	89
2	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	81
3	4-tert-Butyltoluene	148	C11H16	000098-51-1	62
4	4-tert-Butyltoluene	148	C11H16	000098-51-1	62
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	53





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Data File : VV033700.D
Acq On : 17 Jan 2024 03:19
Operator : SY/MD
Sample : P1143-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AZ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

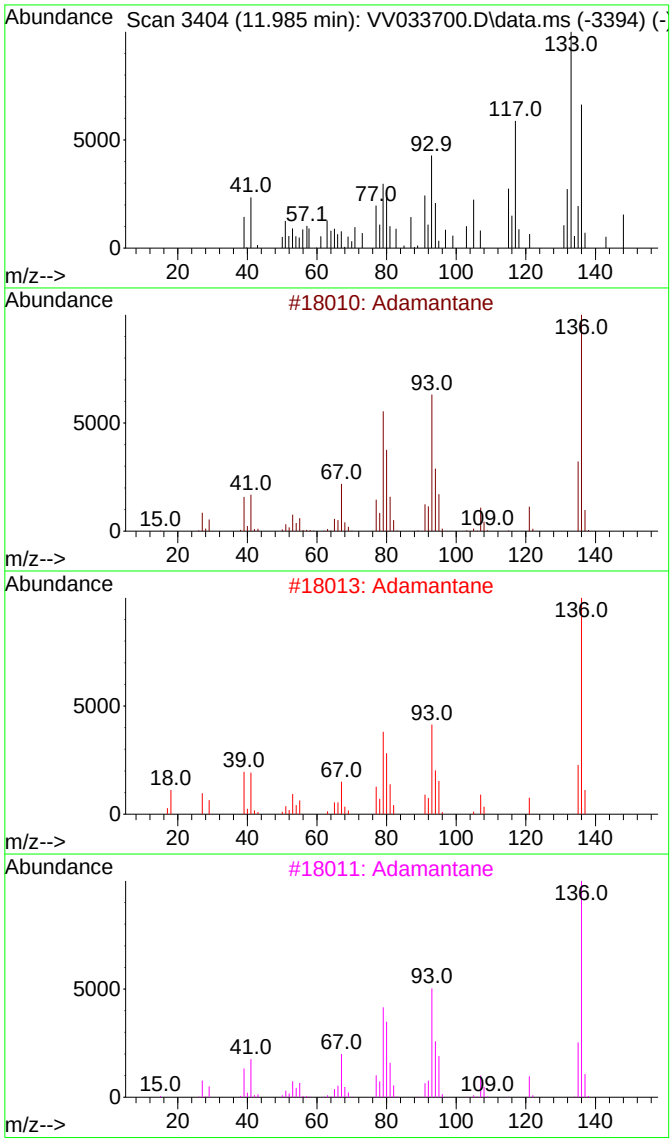
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

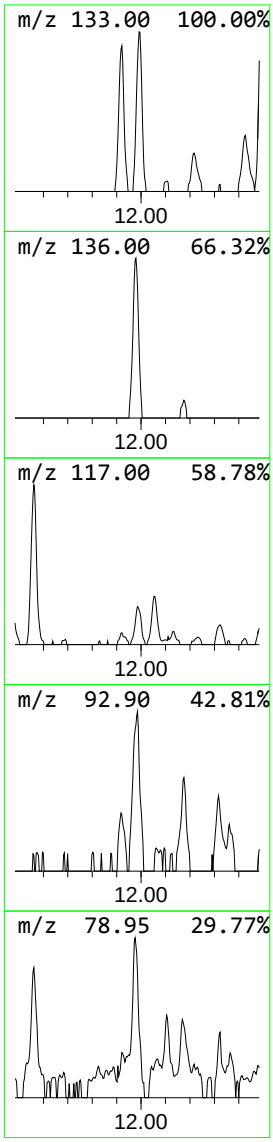
****

Peak Number 23 Adamantane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.985	0.84 ug/L	48812	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane	136	C10H16	000281-23-2	62
2	Adamantane	136	C10H16	000281-23-2	60
3	Adamantane	136	C10H16	000281-23-2	60
4	Adamantane	136	C10H16	000281-23-2	42
5	3,4-Dimethylbenzyl alcohol	136	C9H12O	006966-10-5	18





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Data File : VV033700.D
Acq On : 17 Jan 2024 03:19
Operator : SY/MD
Sample : P1143-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AZ2

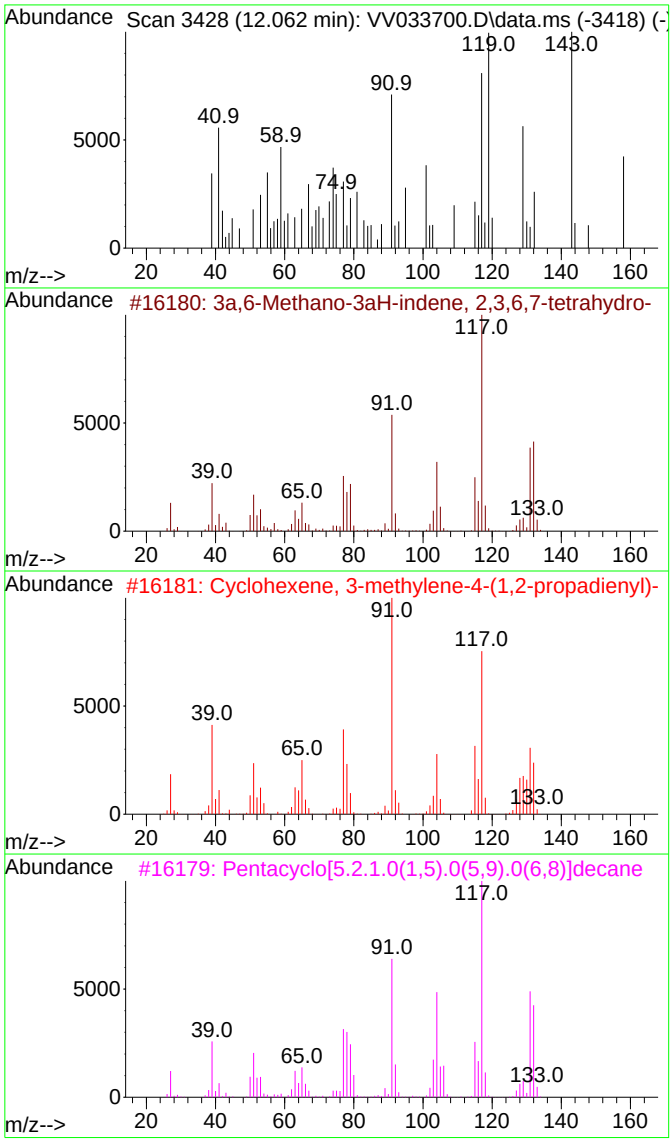
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

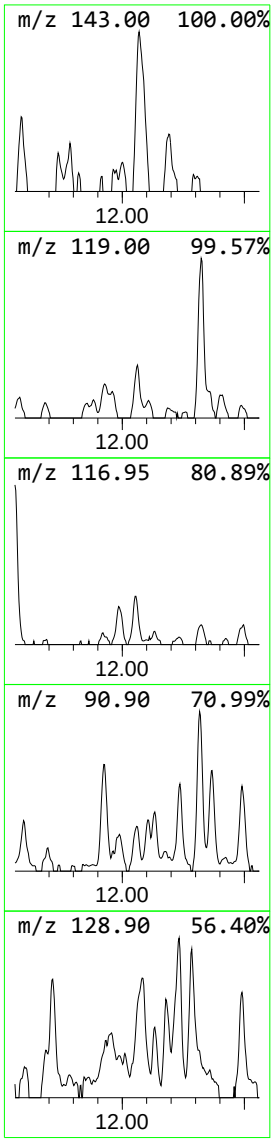
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 unknown-02 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.062	0.58 ug/L	33632	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3a,6-Methano-3aH-indene, 2,3,6,7...	132	C10H12	098640-29-0	25
2	Cyclohexene, 3-methylene-4-(1,2-...	132	C10H12	068377-81-1	25
3	Pentacyclo[5.2.1.0(1,5).0(5,9).0...	132	C10H12	1010185-59-0	25
4	1-Methoxy-1-methyl-1-silacyclohe...	144	C7H16OSi	020089-28-5	11
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	11





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033700.D
Acq On : 17 Jan 2024 03:19
Operator : SY/MD
Sample : P1143-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AZ2

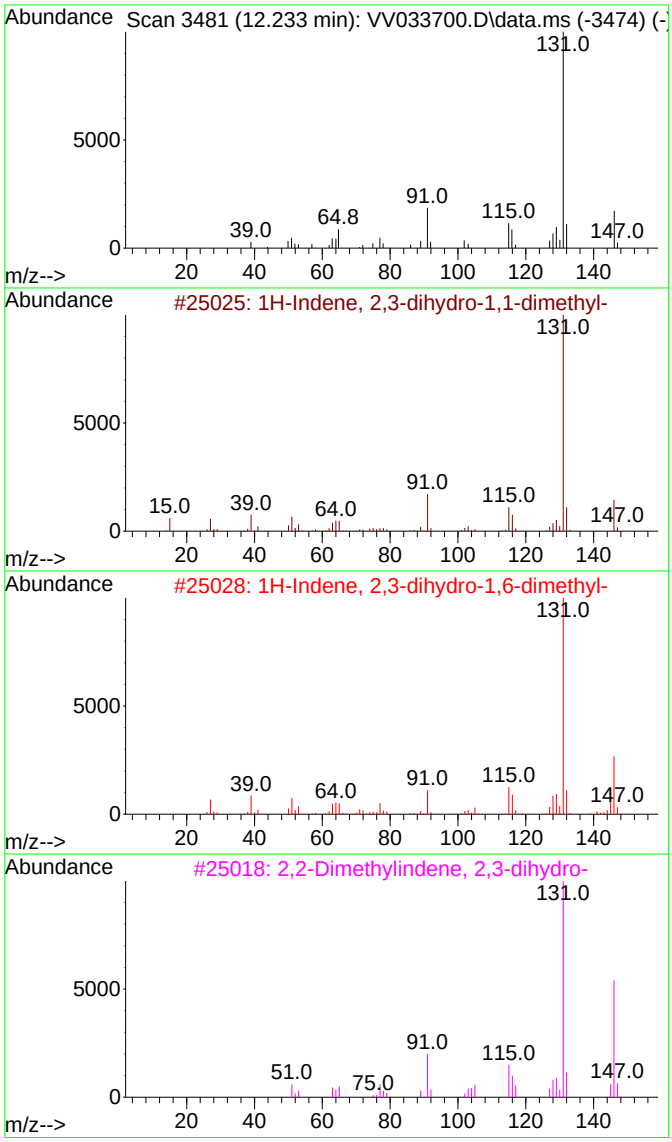
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

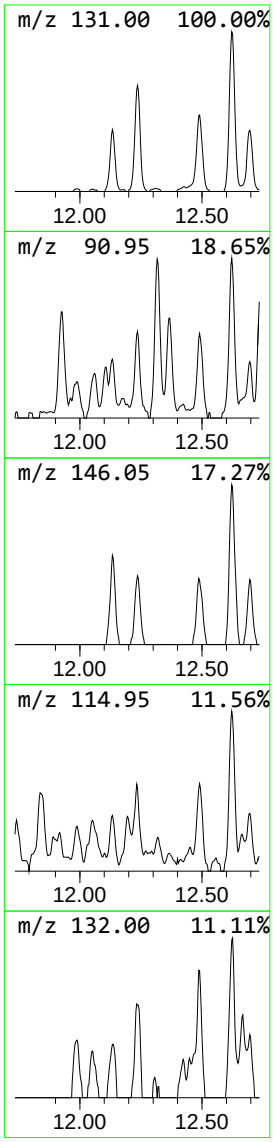
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.233	0.67 ug/L	38927	1,4-Dichlorobenzene-d4	11.185

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	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90





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Acq On : 17 Jan 2024 03:19
Operator : SY/MD
Sample : P1143-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AZ2

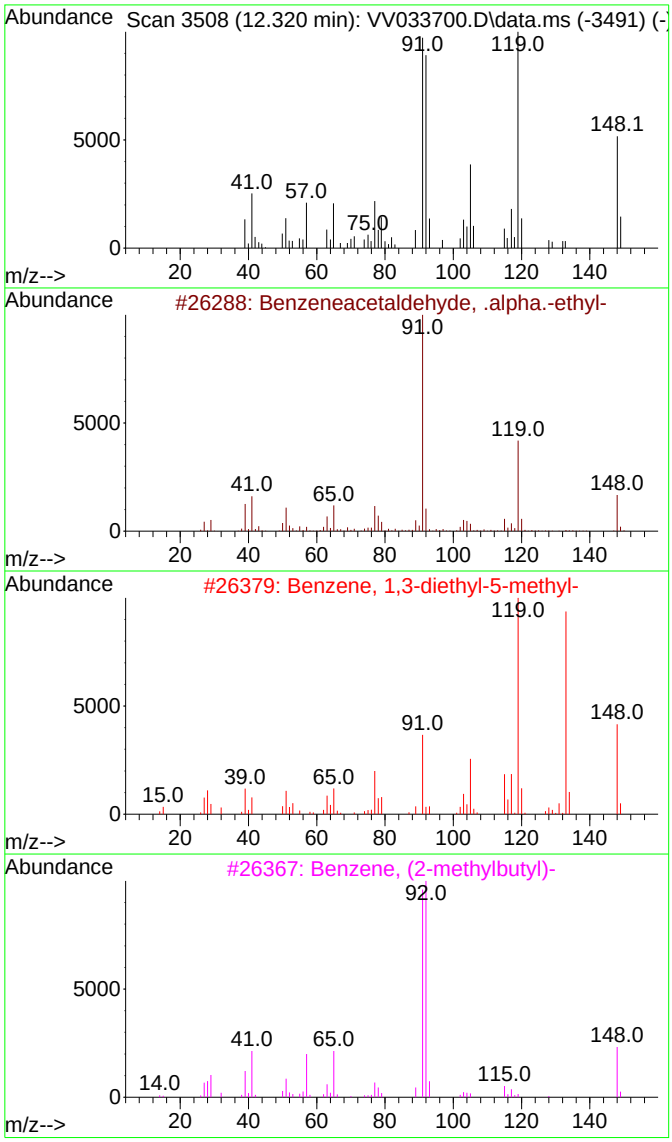
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

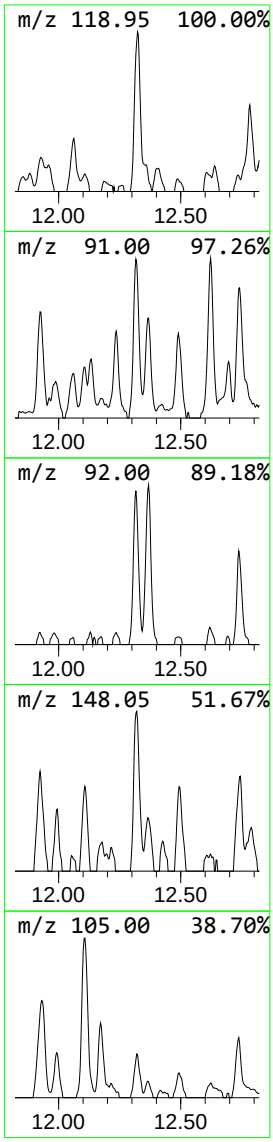
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Benzeneacetaldehyde, .alpha... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.320	0.83 ug/L	47885	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetaldehyde, .alpha.-ethyl-	148	C10H12O	002439-43-2	60
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	46
3	Benzene, (2-methylbutyl)-	148	C11H16	003968-85-2	43
4	Benzene, (3-methylbutyl)-	148	C11H16	002049-94-7	43
5	Benzeneacetaldehyde, .alpha.,.al...	148	C10H12O	003805-10-5	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033700.D
Acq On : 17 Jan 2024 03:19
Operator : SY/MD
Sample : P1143-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AZ2

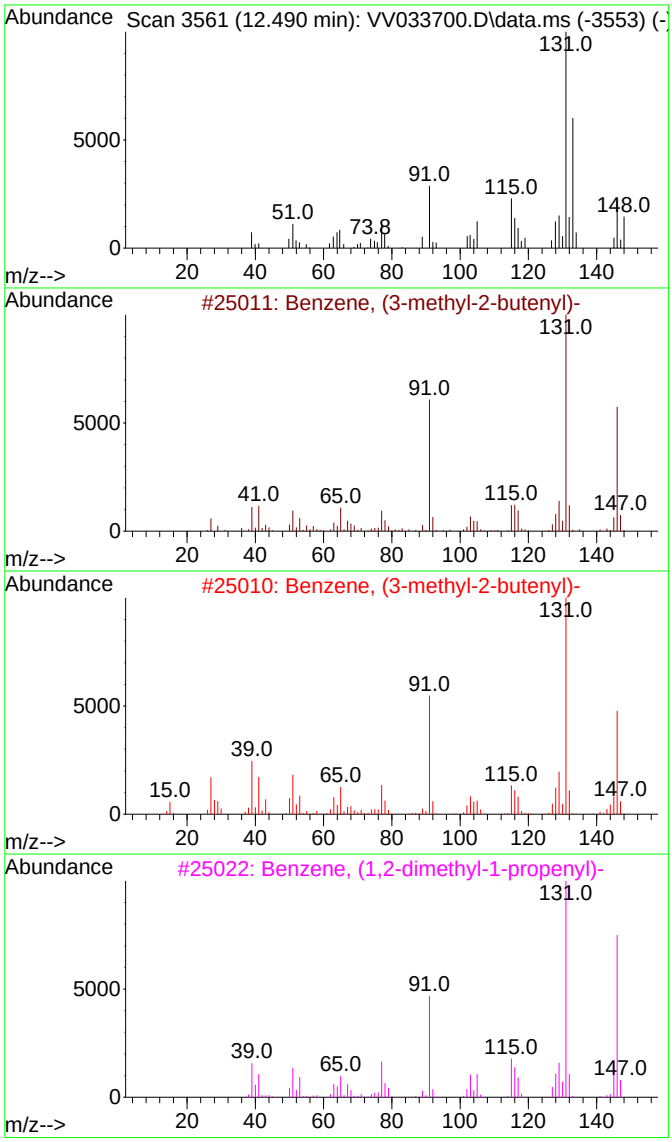
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

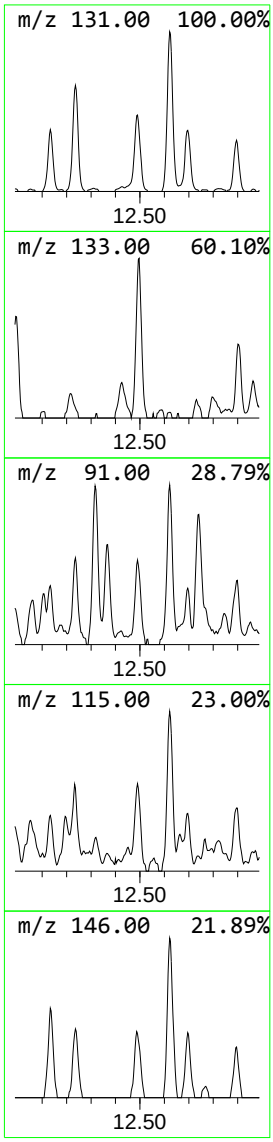
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzene, (3-methyl-2-butenyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.490	0.79 ug/L	45716	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	95
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	93
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	86
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	86
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033700.D
Acq On : 17 Jan 2024 03:19
Operator : SY/MD
Sample : P1143-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AZ2

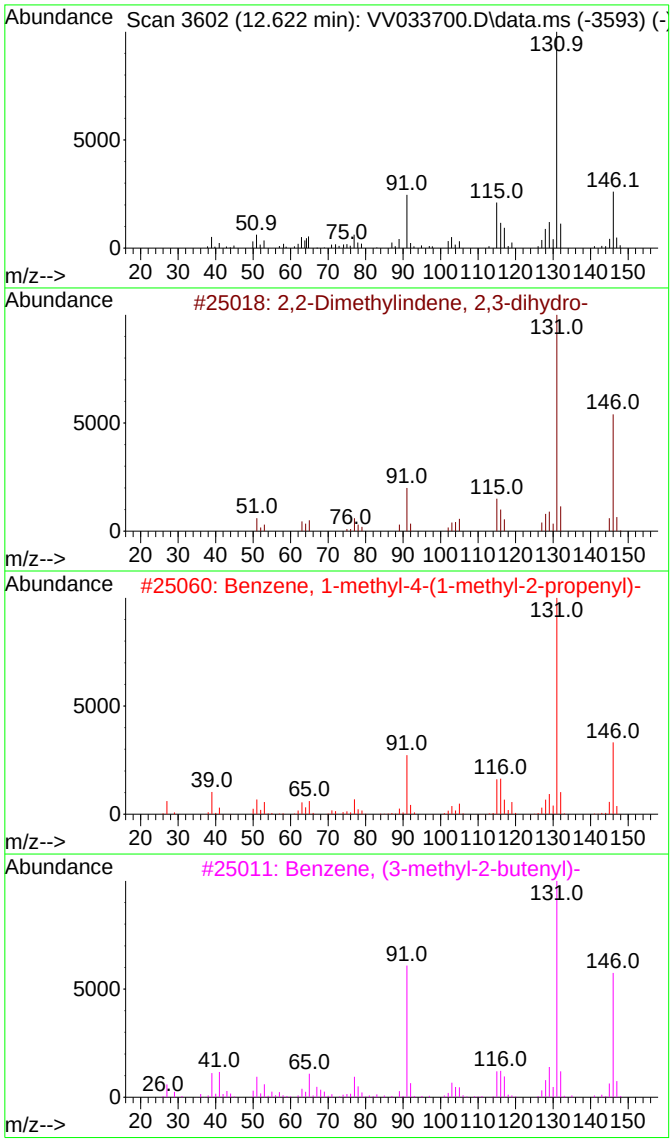
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

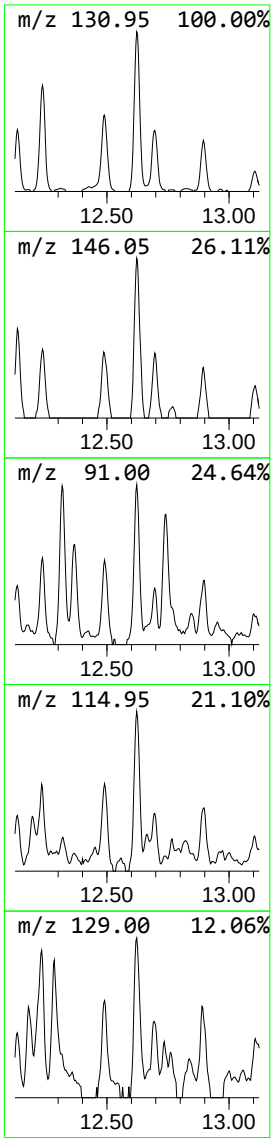
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 2,2-Dimethylindene, 2,3-dih... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.622	1.19 ug/L	68788	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	94
2	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	94
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	94
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033700.D
Acq On : 17 Jan 2024 03:19
Operator : SY/MD
Sample : P1143-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AZ2

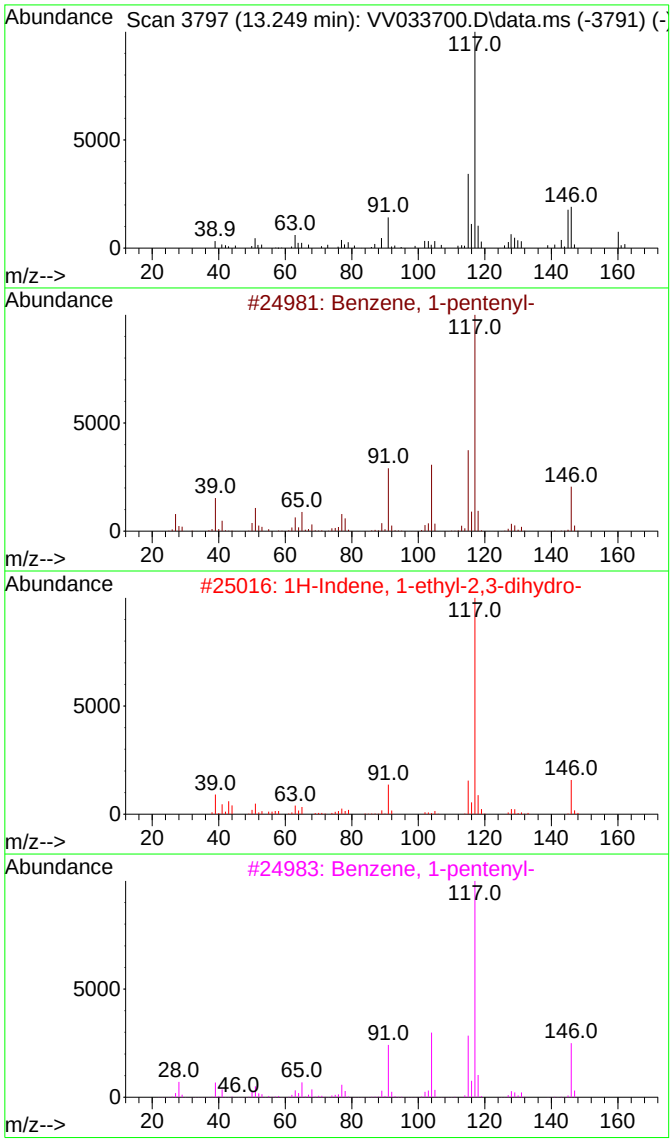
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

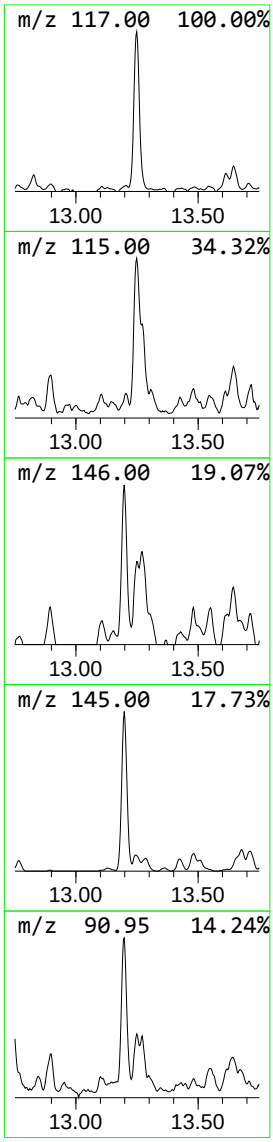
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, 1-pentenyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.249	0.59 ug/L	34216	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	87
2	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	74
3	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	64
4	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	64
5	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033700.D
Acq On : 17 Jan 2024 03:19
Operator : SY/MD
Sample : P1143-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AZ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

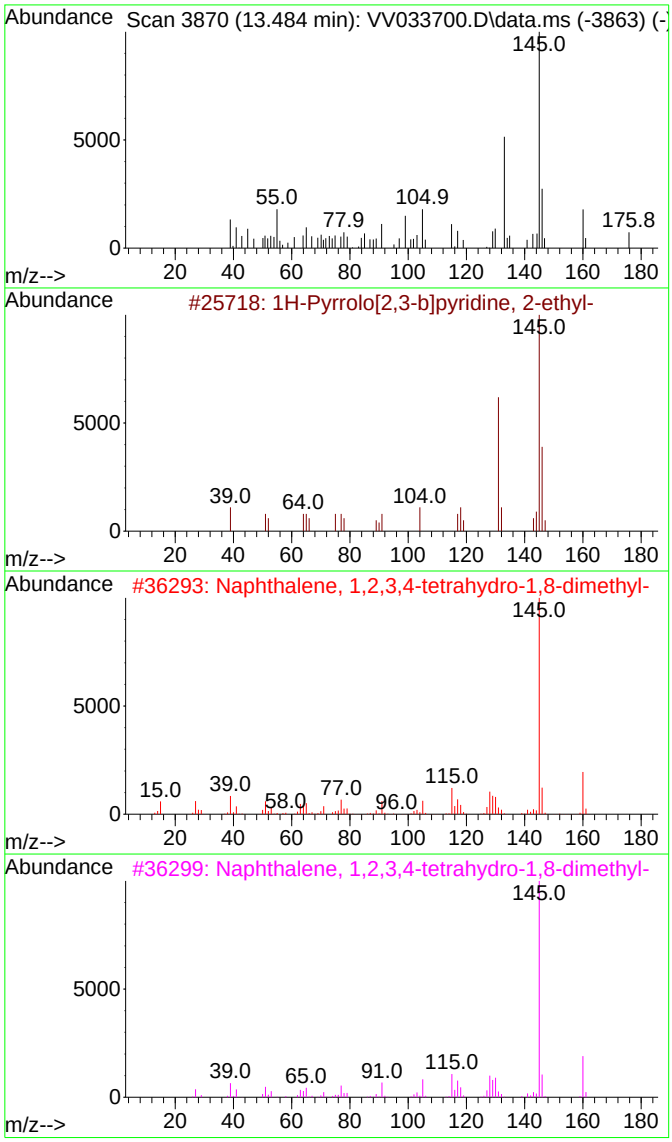
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

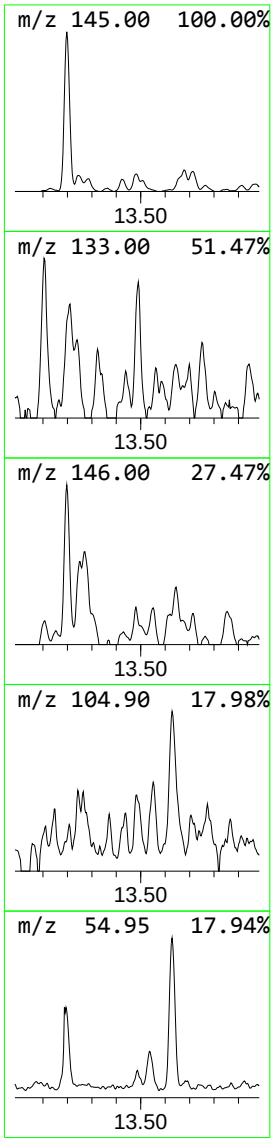
****

Peak Number 30 unknown-03 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.484	0.64 ug/L	37072	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrrolo[2,3-b]pyridine, 2-ethyl-	146	C9H10N2	023612-49-9	49
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	49
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	49
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	49
5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033700.D
Acq On : 17 Jan 2024 03:19
Operator : SY/MD
Sample : P1143-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AZ2

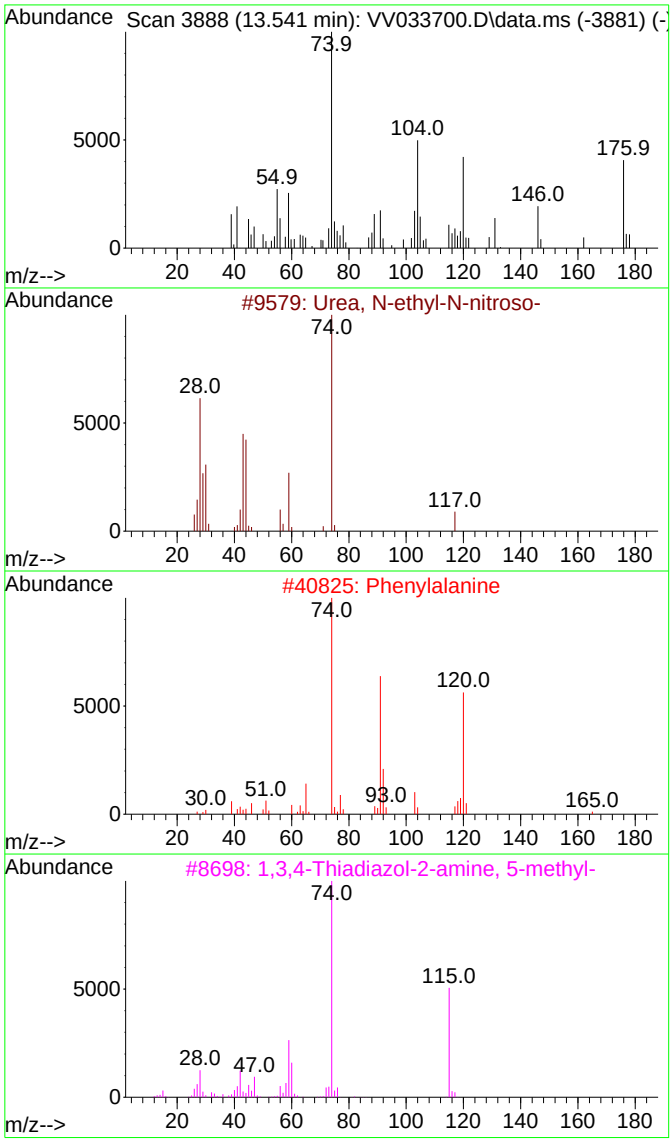
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

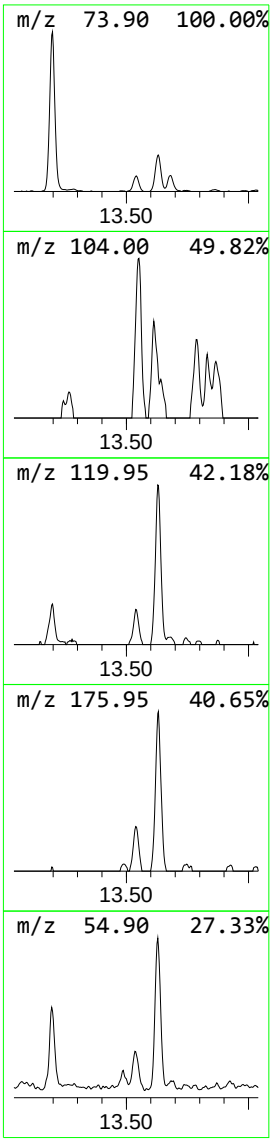
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 unknown-04 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.541	0.77 ug/L	44763	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Urea, N-ethyl-N-nitroso-	117	C3H7N3O2	000759-73-9	27
2	Phenylalanine	165	C9H11NO2	000063-91-2	25
3	1,3,4-Thiadiazol-2-amine, 5-methyl-	115	C3H5N3S	000108-33-8	22
4	Phenylalanine	165	C9H11NO2	000063-91-2	17
5	DL-Phenylalanine	165	C9H11NO2	000150-30-1	17





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033700.D
Acq On : 17 Jan 2024 03:19
Operator : SY/MD
Sample : P1143-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AZ2

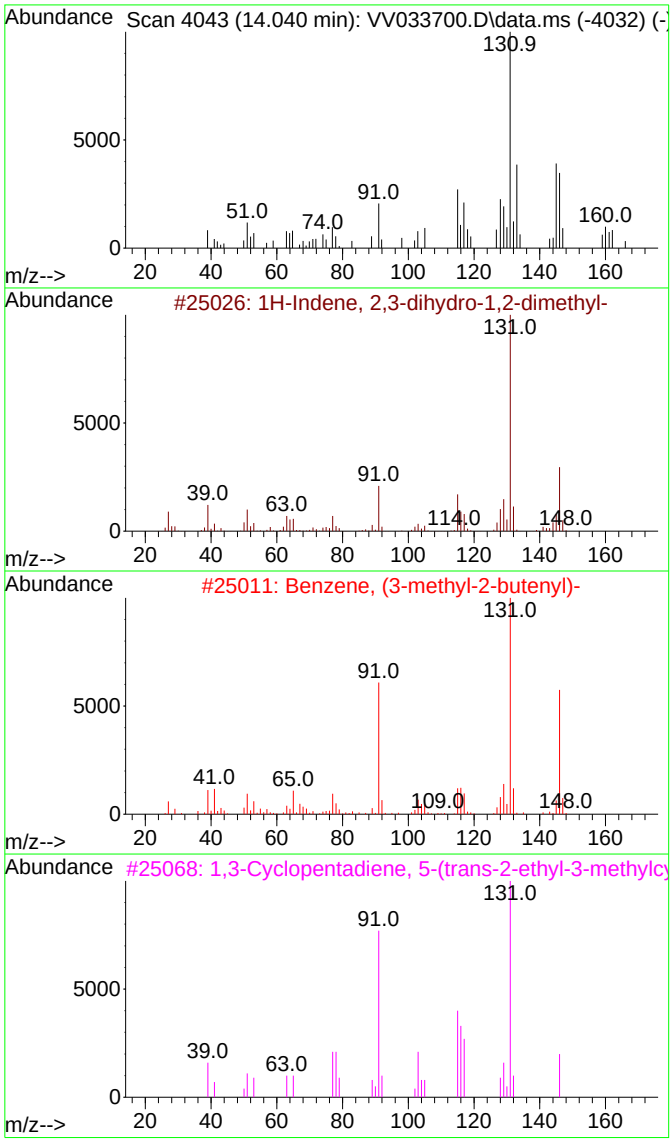
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

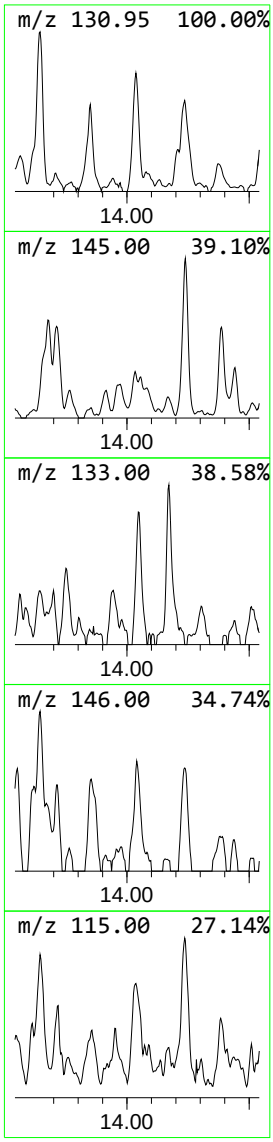
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.040	0.78 ug/L	45204	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	60
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	53
3	1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	49
4	4-Methyl-2H-benzopyrane	146	C10H10O	021776-94-3	49
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033700.D
Acq On : 17 Jan 2024 03:19
Operator : SY/MD
Sample : P1143-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AZ2

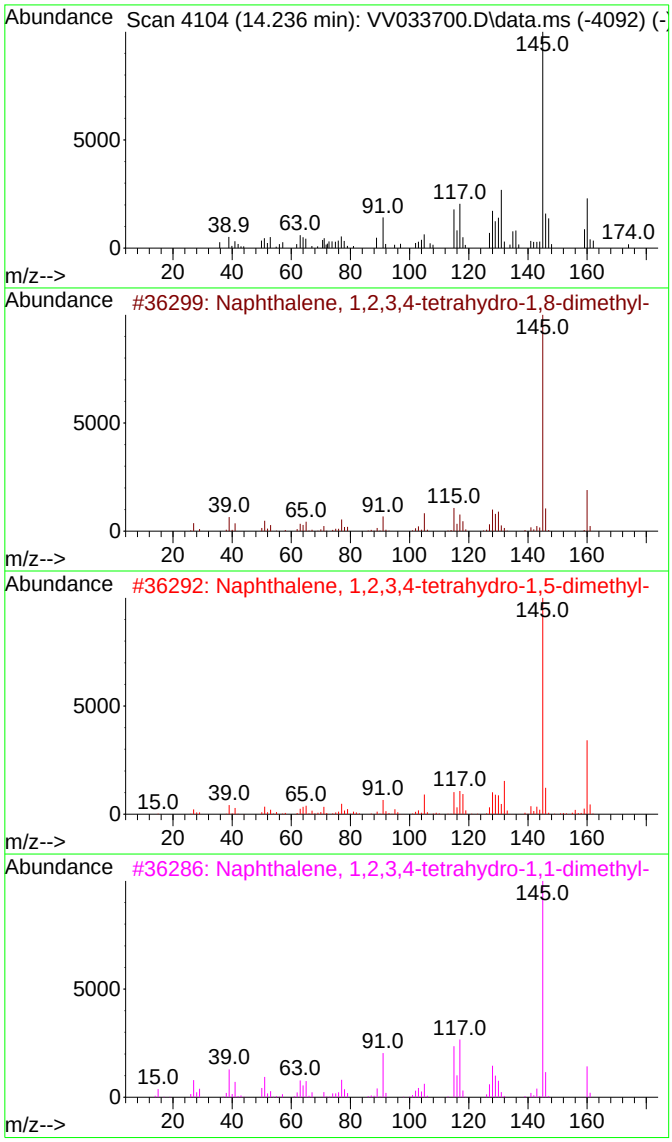
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

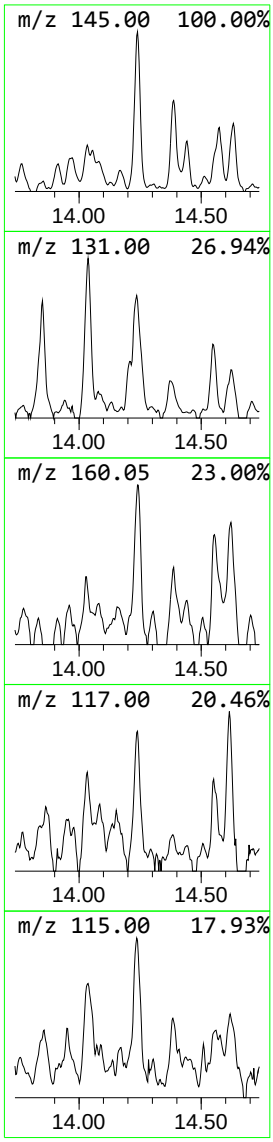
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.236	0.95 ug/L	55305	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	87
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	83
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	81
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	76
5	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033700.D
Acq On : 17 Jan 2024 03:19
Operator : SY/MD
Sample : P1143-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AZ2

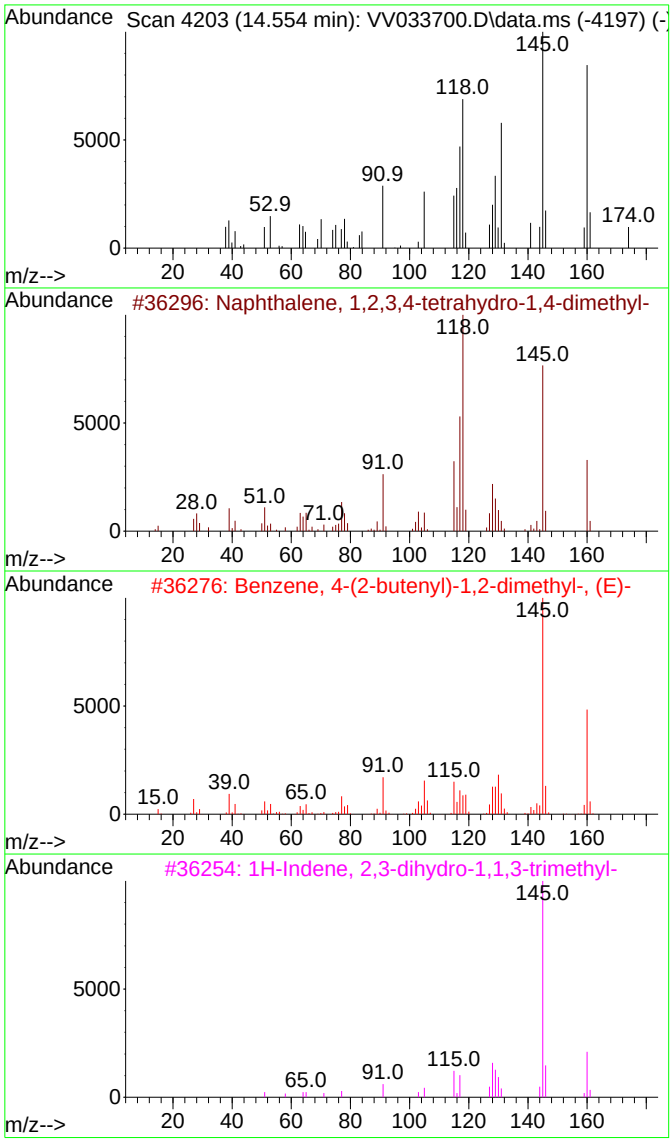
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

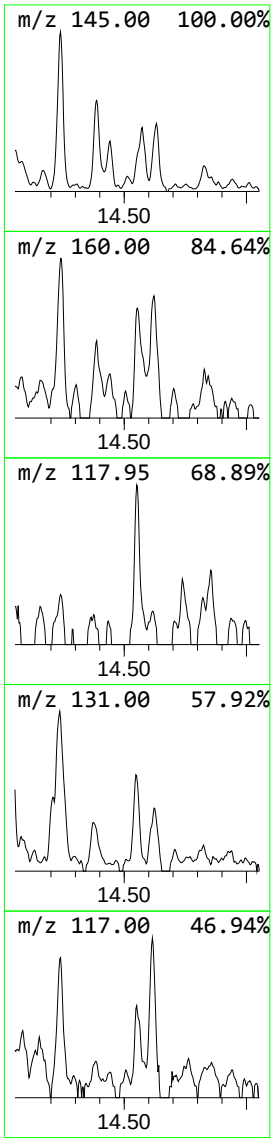
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, 4-(2-butenyl)-1,2-... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.554	0.51 ug/L	29878	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	93
2	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	62
3	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	60
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	52
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033700.D
Acq On : 17 Jan 2024 03:19
Operator : SY/MD
Sample : P1143-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AZ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

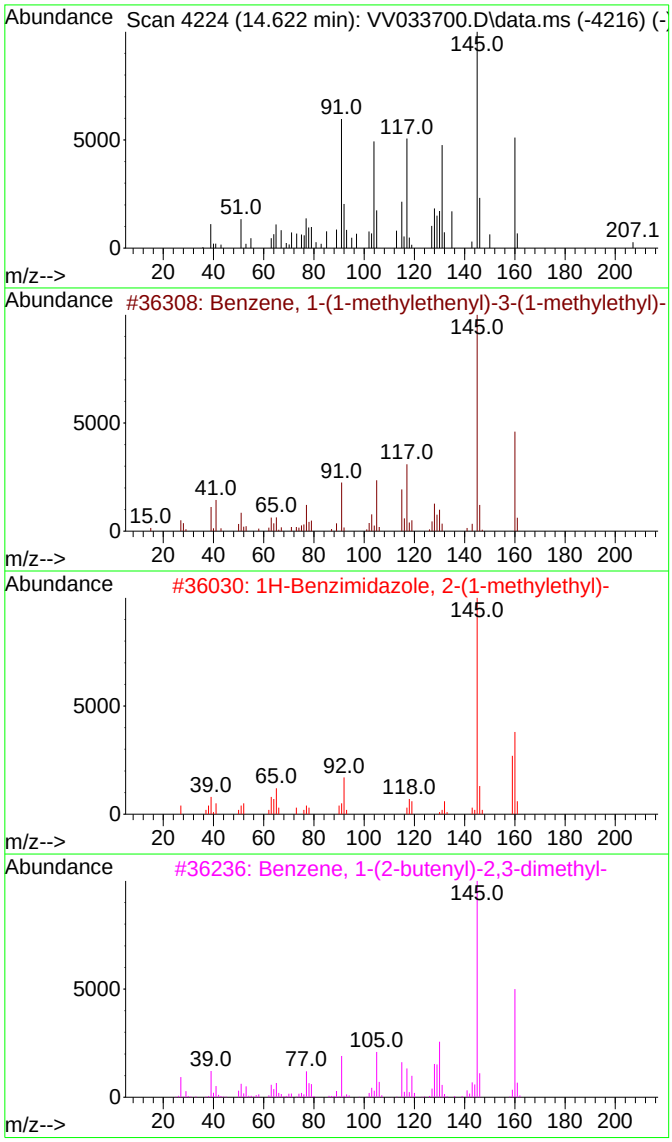
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

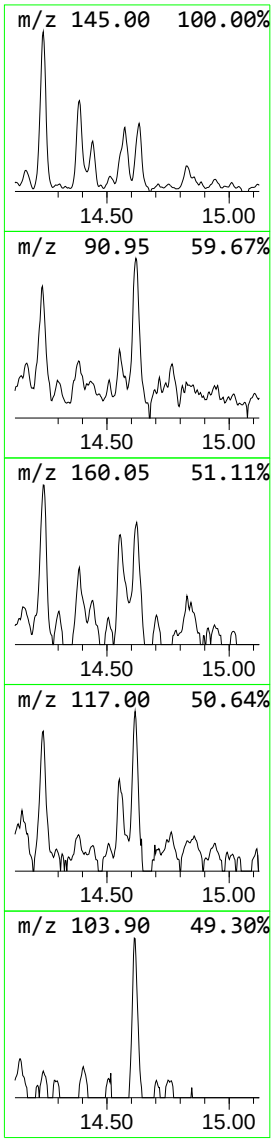
****

Peak Number 35 unknown-05 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.622	0.72 ug/L	41569	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	49
2	1H-Benzimidazole, 2-(1-methyleth...	160	C10H12N2	005851-43-4	43
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	43
4	1H-Benzimidazole, 2-(1-methyleth...	160	C10H12N2	005851-43-4	43
5	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033700.D
Acq On : 17 Jan 2024 03:19
Operator : SY/MD
Sample : P1143-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AZ2

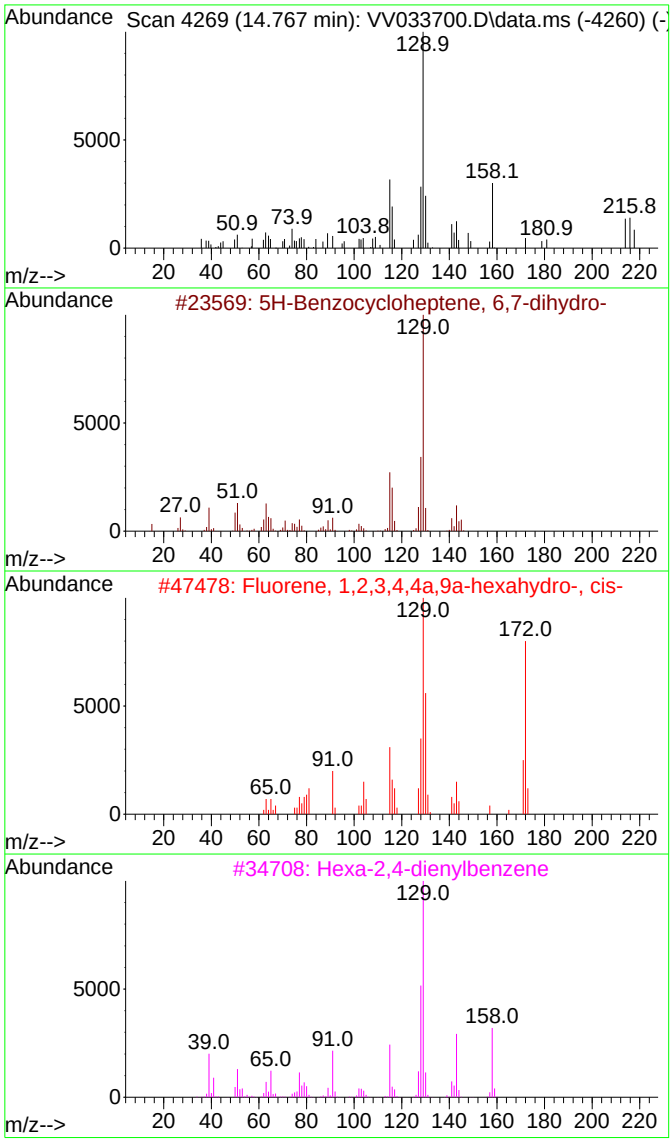
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

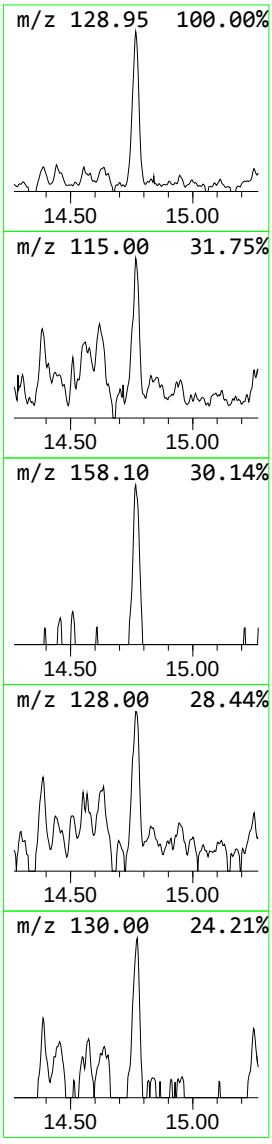
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 5H-Benzocycloheptene, 6,7-d... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.767	0.59 ug/L	34224	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Benzocycloheptene, 6,7-dihydro-	144	C11H12	007125-62-4	58
2	Fluorene, 1,2,3,4,4a,9a-hexahydr...	172	C13H16	001559-97-3	58
3	Hexa-2,4-dienylbenzene	158	C12H14	079482-86-3	47
4	1,4-Dioxaspiro[4.5]decane, 2-(hy...	172	C9H16O3	1000392-46-1	43
5	1-Phenylcyclopentanenitrile	171	C12H13N	000077-57-6	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033700.D
Acq On : 17 Jan 2024 03:19
Operator : SY/MD
Sample : P1143-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AZ2

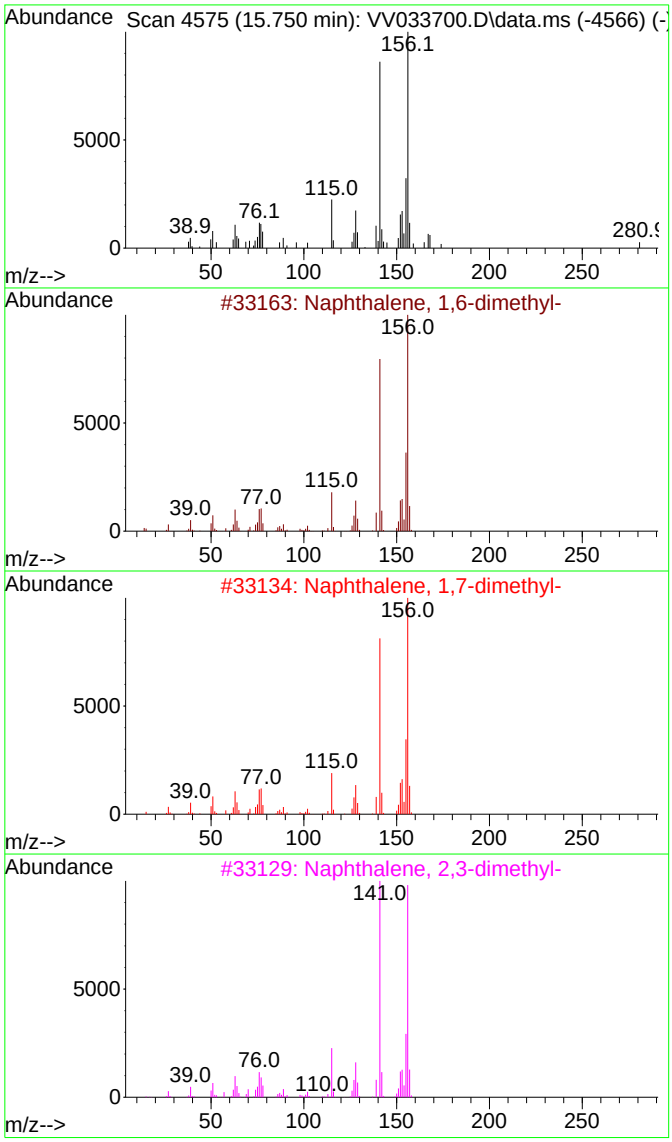
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

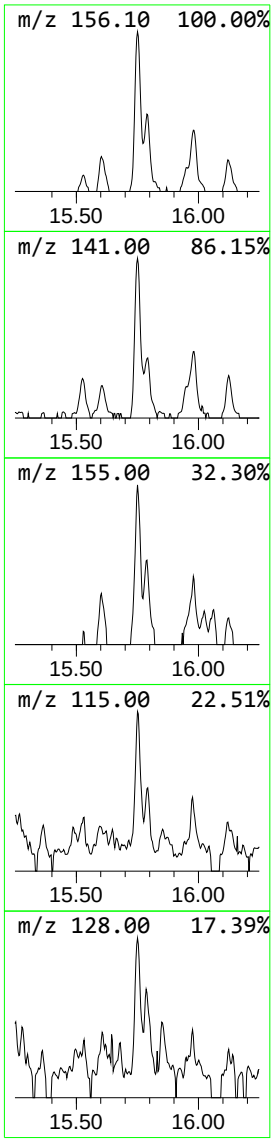
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Naphthalene, 1,6-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.750	0.59 ug/L	34401	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033700.D
Acq On : 17 Jan 2024 03:19
Operator : SY/MD
Sample : P1143-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AZ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.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...	1.191	3.1	ug/L	163942	1	5.535	267229	5.0
(DEL) Alkane: S...	1.597	1.4	ug/L	75041	1	5.535	267229	5.0
Sulfur dioxide	1.764	1.2	ug/L	63670	1	5.535	267229	5.0
Ethane, 1,2-dic...	1.902	1.5	ug/L	77815	1	5.535	267229	5.0
Propane, 2-chloro-	1.970	2.7	ug/L	142535	1	5.535	267229	5.0
(DEL) Alkane: S...	2.513	0.9	ug/L	50250	1	5.535	267229	5.0
Butane, 1-chloro-	4.677	1.0	ug/L	55234	1	5.535	267229	5.0
Hydroxylamine, ...	4.822	0.5	ug/L	26886	1	5.535	267229	5.0
(DEL) Alkane: S...	5.137	1.2	ug/L	64094	1	5.535	267229	5.0
Cyclohexene, 4-...	6.497	0.6	ug/L	33093	1	5.535	267229	5.0
(DEL) Alkane: S...	6.574	0.6	ug/L	30172	1	5.535	267229	5.0
(DEL) Alkane: S...	6.699	0.8	ug/L	40980	1	5.535	267229	5.0
Cyclohexene, 1-...	7.092	0.6	ug/L	34317	1	5.535	267229	5.0
Benzene, tert-b...	10.799	0.8	ug/L	44969	3	11.185	290209	5.0
5-(2-Ethoxyethy...	10.934	0.7	ug/L	40993	3	11.185	290209	5.0
Benzene, (2-met...	10.992	1.2	ug/L	69267	3	11.185	290209	5.0
Hydratropaldehyde	11.024	1.2	ug/L	72159	3	11.185	290209	5.0
unknown-01	11.394	0.6	ug/L	37138	3	11.185	290209	5.0
Benzene, 1-ethy...	11.924	0.5	ug/L	31501	3	11.185	290209	5.0
Adamantane	11.985	0.8	ug/L	48812	3	11.185	290209	5.0
unknown-02	12.062	0.6	ug/L	33632	3	11.185	290209	5.0
1H-Indene, 2,3-...	12.233	0.7	ug/L	38927	3	11.185	290209	5.0
Benzeneacetalde...	12.320	0.8	ug/L	47885	3	11.185	290209	5.0
Benzene, (3-met...	12.490	0.8	ug/L	45716	3	11.185	290209	5.0
2,2-Dimethylind...	12.622	1.2	ug/L	68788	3	11.185	290209	5.0
Benzene, 1-pent...	13.249	0.6	ug/L	34216	3	11.185	290209	5.0
unknown-03	13.484	0.6	ug/L	37072	3	11.185	290209	5.0
unknown-04	13.541	0.8	ug/L	44763	3	11.185	290209	5.0
1H-Indene, 2,3-...	14.040	0.8	ug/L	45204	3	11.185	290209	5.0
Naphthalene, 1,...	14.236	0.9	ug/L	55305	3	11.185	290209	5.0
Benzene, 4-(2-b...	14.554	0.5	ug/L	29878	3	11.185	290209	5.0
unknown-05	14.622	0.7	ug/L	41569	3	11.185	290209	5.0
5H-Benzocyclohe...	14.767	0.6	ug/L	34224	3	11.185	290209	5.0
Naphthalene, 1,...	15.750	0.6	ug/L	34401	3	11.185	290209	5.0