LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101722\
Data File : VV028588.D
Acq On : 17 Oct 2022 14:57
Operator : SY/MD
Sample : N5109-02DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05DL

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\SFAMVTR101422WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV028588.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.307	75	83	102	rVB2	232934	258513	4.02%	0.708%
2	1.565	155	163	176	rBV	116200	133630	2.08%	0.366%
3	2.105	321	331	348	rVB	209820	320565	4.99%	0.878%
4	2.526	438	462	493	rVB	1056993	2496540	38.84%	6.835%
5	2.754	514	533	561	rBV	2616126	5147712	80.09%	14.093%
6	3.034	605	620	641	rBV	2030833	3926269	61.09%	10.749%
7	3.185	647	667	684	rBV2	81188	254246	3.96%	0.696%
8	3.269	685	693	708	rVB	62702	132255	2.06%	0.362%
9	3.362	709	722	736	rBV3	48464	111330	1.73%	0.305%
10	3.536	760	776	782	rBV3	67325	168930	2.63%	0.462%
11	3.661	803	815	827	rBV2	52090	117655	1.83%	0.322%
12	3.757	827	845	864	rBV	2612062	6427448	100.00%	17.596%
13	3.905	880	891	921	rVB4	154233	406792	6.33%	1.114%
14	4.343	1014	1027	1050	rBV	125555	316687	4.93%	0.867%
15	4.603	1089	1108	1118	rBV2	157014	393103	6.12%	1.076%
16	4.671	1118	1129	1150	rVB2	253327	633087	9.85%	1.733%
17	5.044	1229	1245	1278	rBV2	307618	791353	12.31%	2.166%
18	5.616	1409	1423	1444	rBV	232754	488817	7.61%	1.338%
19	6.066	1551	1563	1586	rBV	183612	382931	5.96%	1.048%
20	6.986	1837	1849	1864	rBV	82544	162425	2.53%	0.445%
21	7.310	1938	1950	1962	rBV	347723	610325	9.50%	1.671%
22	7.381	1962	1972	2006	rVB	1040806	1795023	27.93%	4.914%
23	7.622	2037	2047	2064	rBV	45778	92734	1.44%	0.254%
24	8.088	2182	2192	2238	rBV	333048	850289	13.23%	2.328%
25	8.847	2417	2428	2433	rBV	390896	635291	9.88%	1.739%
26	9.008	2466	2478	2492	rBV	214824	346218	5.39%	0.948%
27	9.133	2505	2517	2539	rBV	365456	608043	9.46%	1.665%
28	9.539	2632	2643	2667	rBV	205277	334690	5.21%	0.916%
29	9.924	2754	2763	2781	rVB	81568	128773	2.00%	0.353%
30	10.211	2836	2852	2869	rBV2	127521	211754	3.29%	0.580%
31	10.346	2884	2894	2913	rBV	241224	398415	6.20%	1.091%
32	10.439	2913	2923	2929	rBV	517305	854962	13.30%	2.341%
33	10.532	2942	2952	2966	rVB	269725	407587	6.34%	1.116%
34	10.686	2987	3000	3007	rBV	726297	1091538	16.98%	2.988%
35	10.728	3007	3013	3029	rVB	399151	621764	9.67%	1.702%
36	10.905	3057	3068	3086	rBV	1120225	1669083	25.97%	4.569%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101722\
Data File : VV028588.D
Acq On : 17 Oct 2022 14:57
Operator : SY/MD
Sample : N5109-02DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05DL

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\SFAMVTR101422WMA.M
Title : TRACE VOA SFAM1.0

37	11.014	3092	3102	3119	rBV2	52195	103169	1.61%	0.282%
38	11.175	3143	3152	3162	rBV3	66689	108754	1.69%	0.298%
39	11.243	3162	3173	3190	rVV2	409767	828127	12.88%	2.267%
40	11.326	3190	3199	3213	rVB	269029	418074	6.50%	1.145%
41	11.519	3250	3259	3271	rBV	172033	285287	4.44%	0.781%
42	11.616	3280	3289	3314	rVB	374719	694118	10.80%	1.900%
43	12.008	3400	3411	3420	rBV	52045	82447	1.28%	0.226%
44	12.455	3542	3550	3564	rVB	58882	92738	1.44%	0.254%
45	12.873	3667	3680	3693	rBV3	61348	100440	1.56%	0.275%
46	13.497	3864	3874	3886	rBV2	52249	87788	1.37%	0.240%

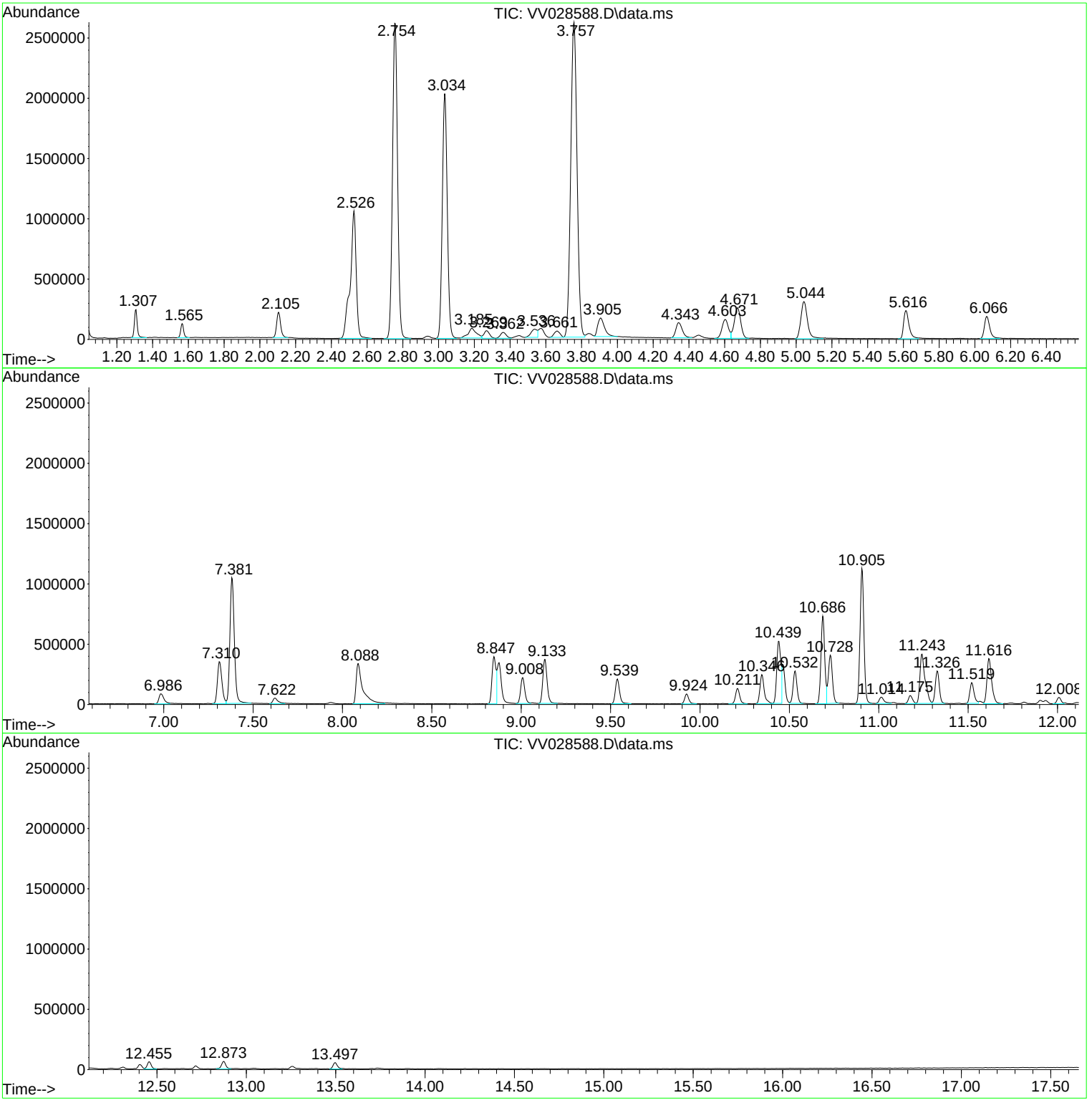
Sum of corrected areas: 36527719

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101722\
Data File : VV028588.D
Acq On : 17 Oct 2022 14:57
Operator : SY/MD
Sample : N5109-02DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.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\VV101722\
Data File : VV028588.D
Acq On : 17 Oct 2022 14:57
Operator : SY/MD
Sample : N5109-02DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05DL

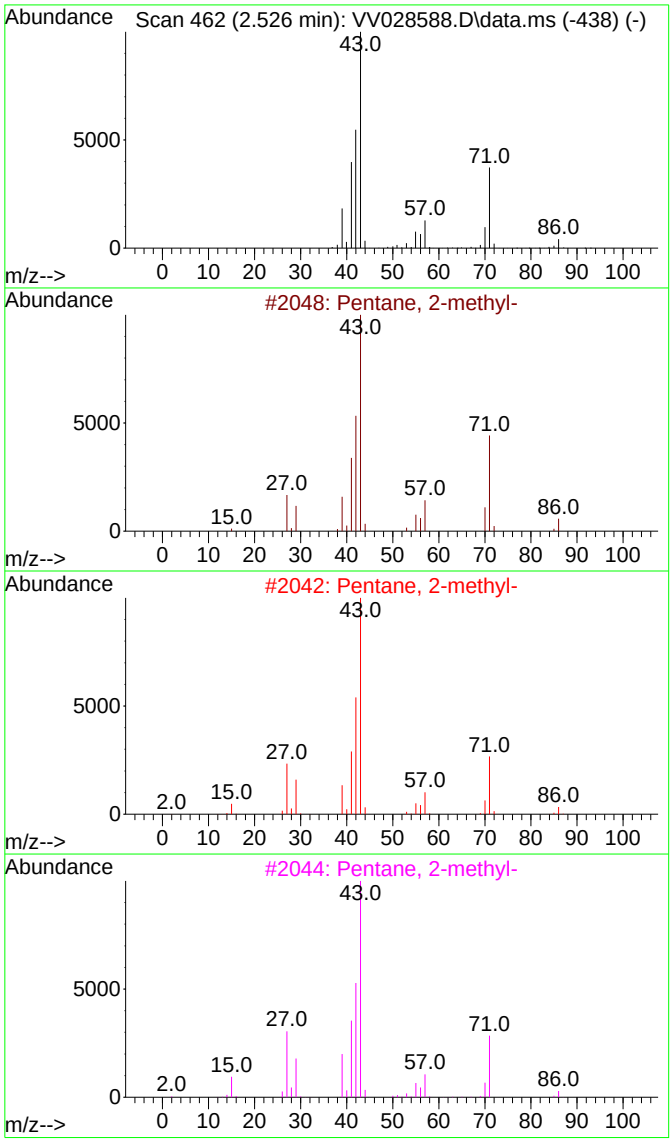
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0

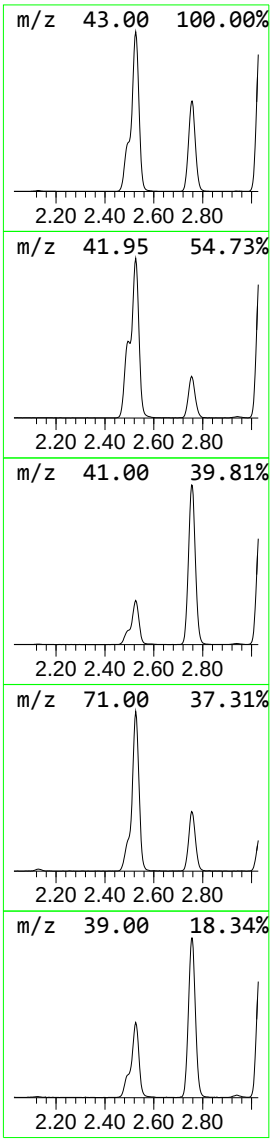
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.526	25.54 ug/L	2496540	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	90
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101722\
Data File : VV028588.D
Acq On : 17 Oct 2022 14:57
Operator : SY/MD
Sample : N5109-02DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05DL

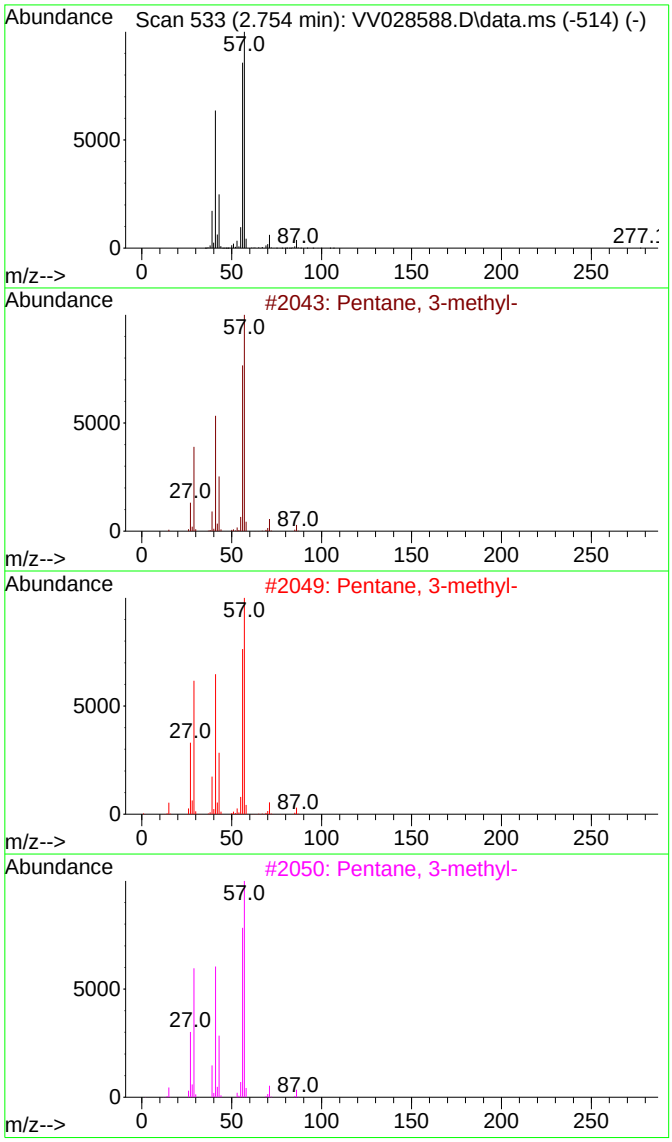
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0

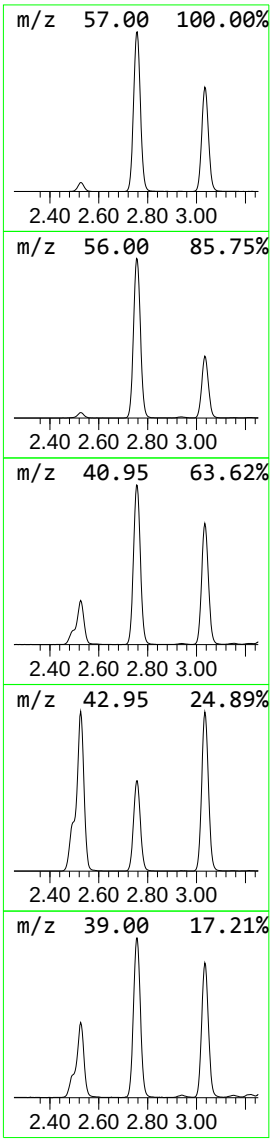
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.754	52.65 ug/L	5147710	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
5	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101722\
Data File : VV028588.D
Acq On : 17 Oct 2022 14:57
Operator : SY/MD
Sample : N5109-02DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05DL

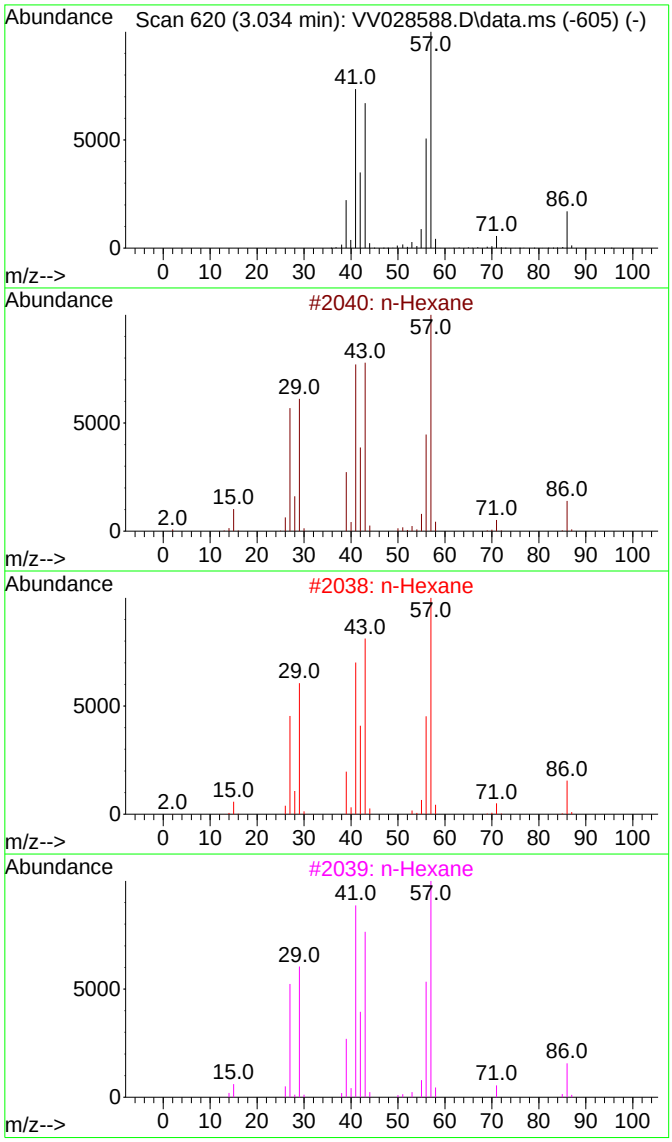
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0

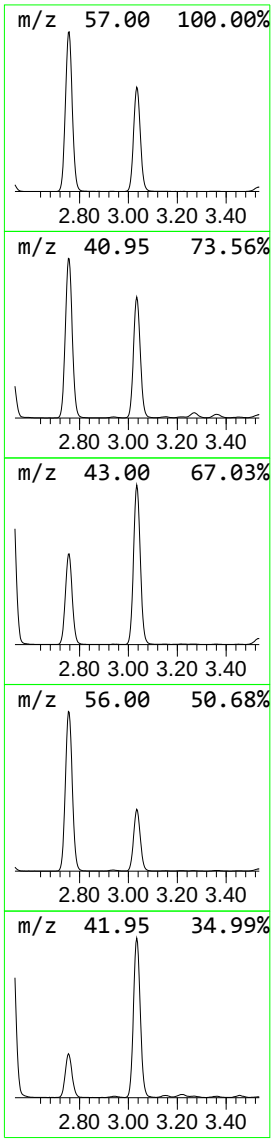
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.034	40.16 ug/L	3926270	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	91
2	n-Hexane	86	C6H14	000110-54-3	91
3	n-Hexane	86	C6H14	000110-54-3	91
4	n-Hexane	86	C6H14	000110-54-3	72
5	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101722\
Data File : VV028588.D
Acq On : 17 Oct 2022 14:57
Operator : SY/MD
Sample : N5109-02DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05DL

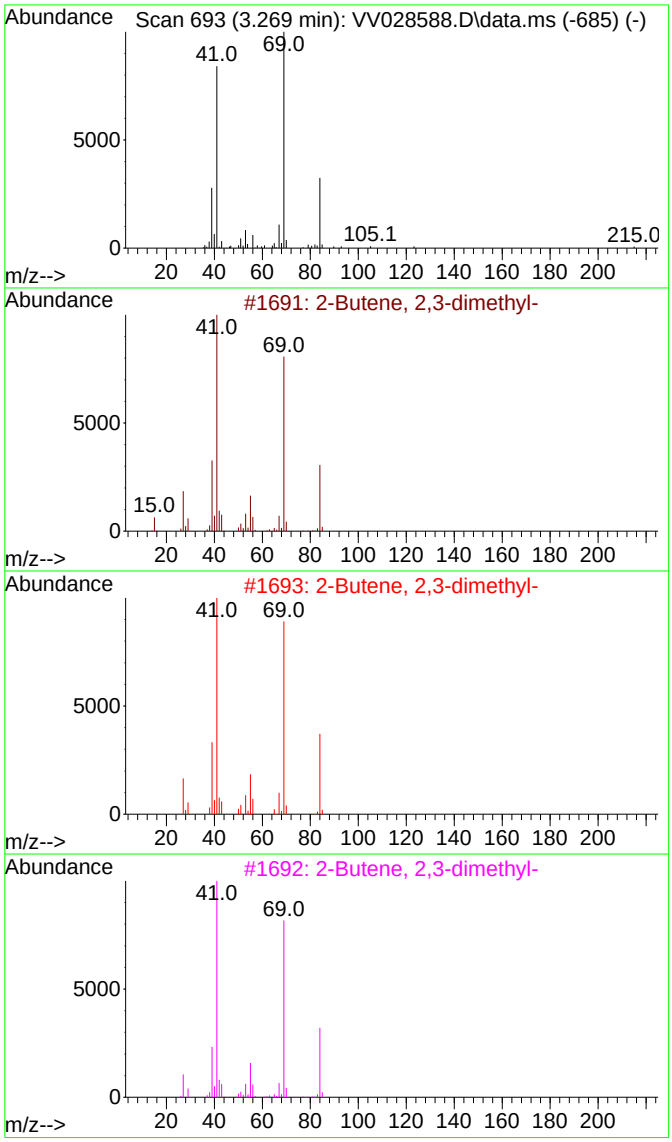
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0

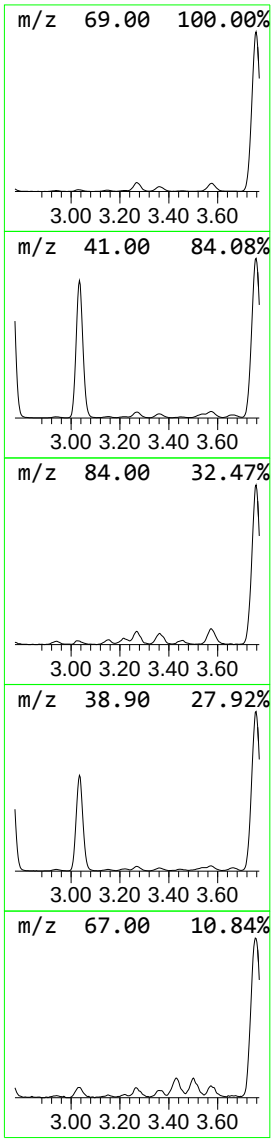
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.269	1.35 ug/L	132255	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	90
2	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	90
3	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	87
4	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	86
5	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101722\
Data File : VV028588.D
Acq On : 17 Oct 2022 14:57
Operator : SY/MD
Sample : N5109-02DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05DL

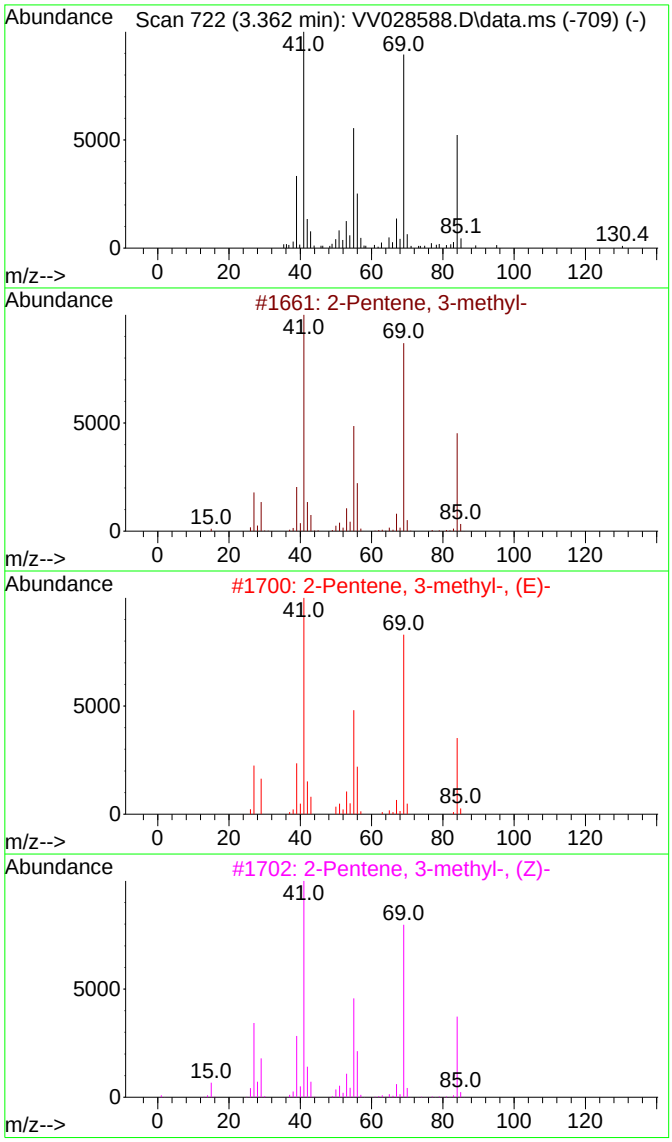
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0

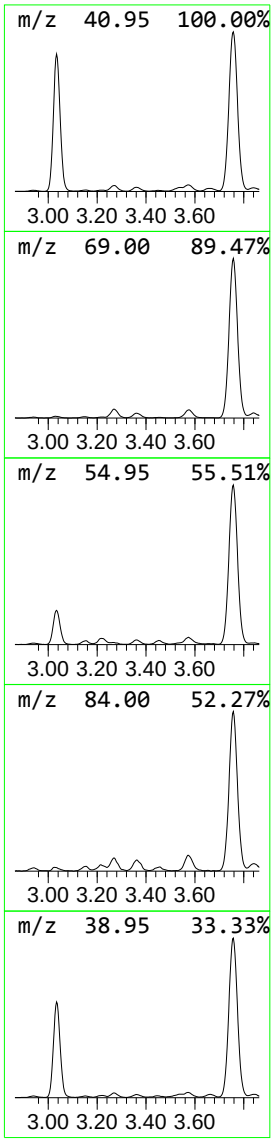
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.362	1.14 ug/L	111330	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	94
2	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	94
3	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	93
4	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	91
5	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101722\
Data File : VV028588.D
Acq On : 17 Oct 2022 14:57
Operator : SY/MD
Sample : N5109-02DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05DL

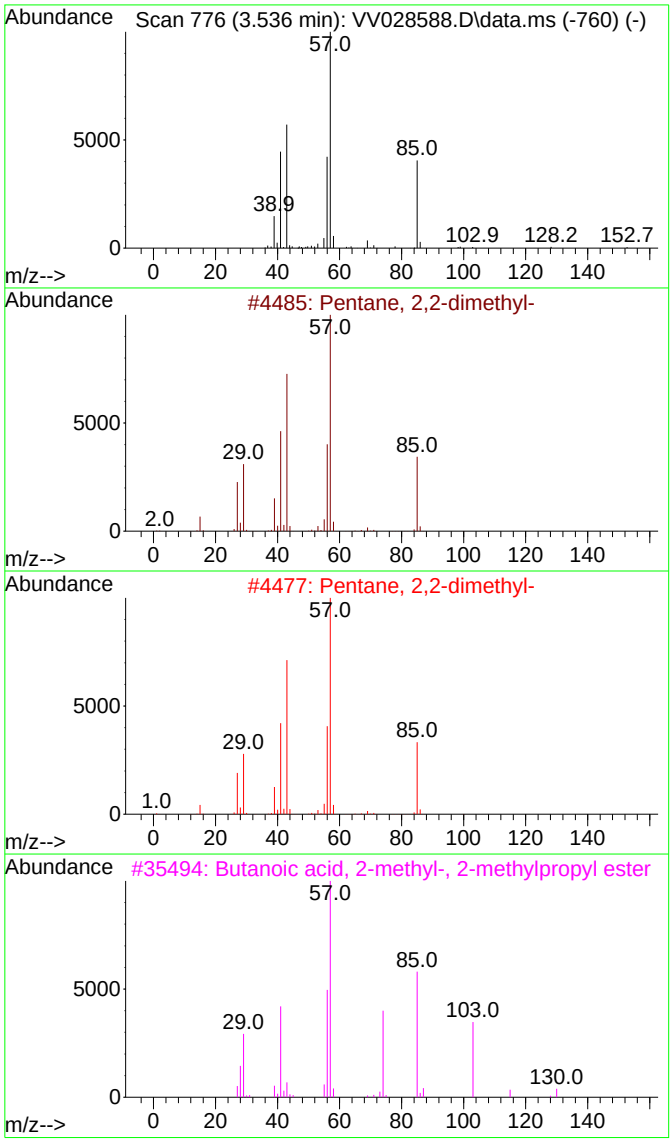
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0

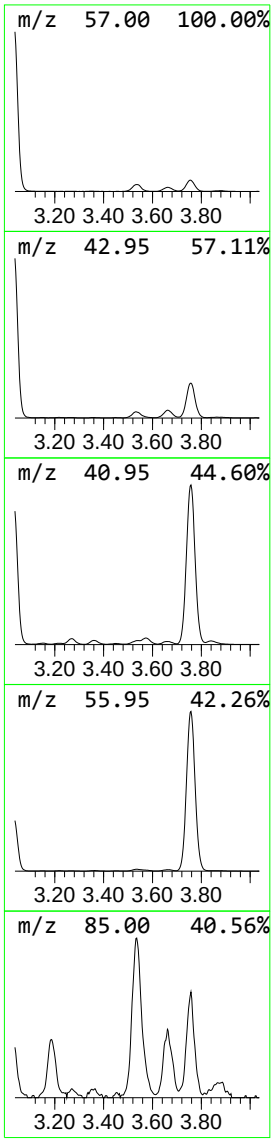
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.536	1.73 ug/L	168930	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	78
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	78
3	Butanoic acid, 2-methyl-, 2-meth...	158	C9H18O2	002445-67-2	78
4	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	78
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101722\
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05DL

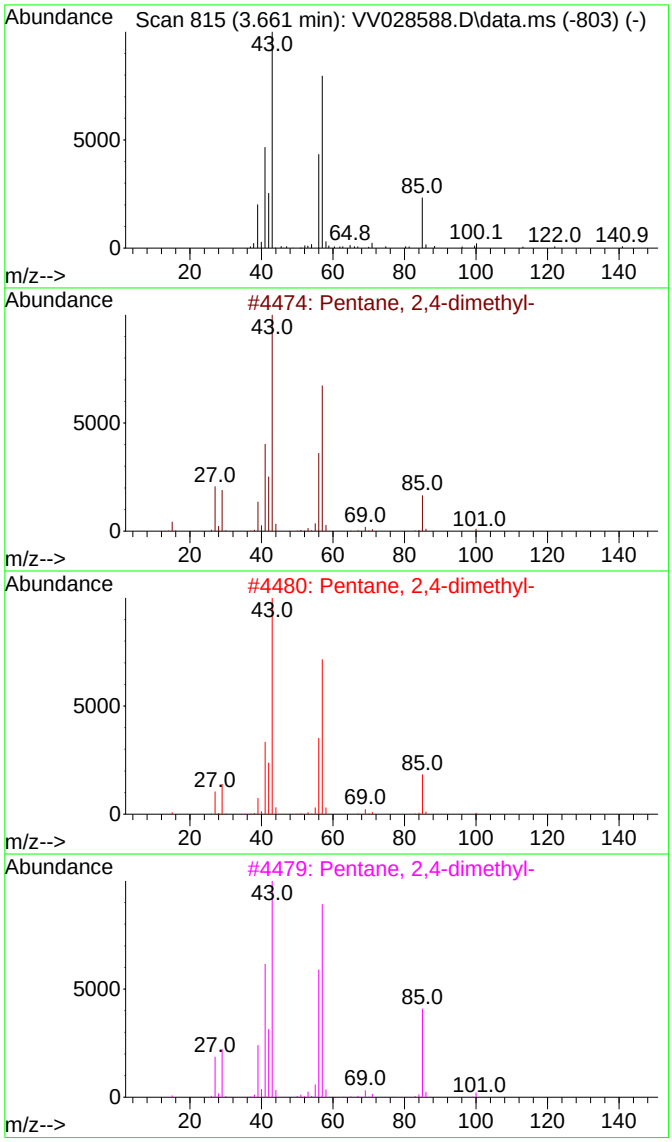
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0

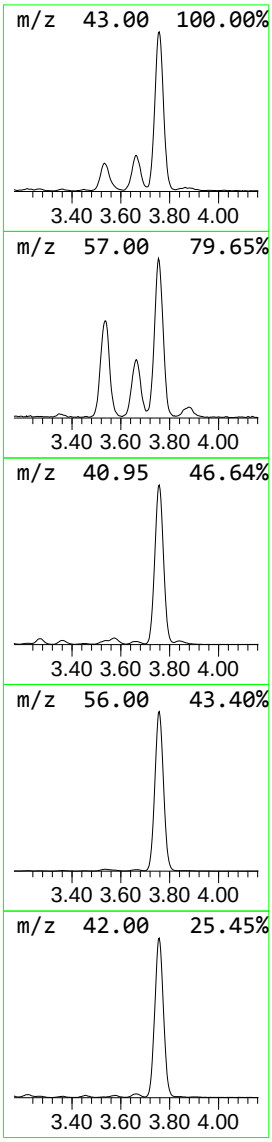
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.661	1.20 ug/L	117655	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	90
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	78
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	72
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	53
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101722\
Data File : VV028588.D
Acq On : 17 Oct 2022 14:57
Operator : SY/MD
Sample : N5109-02DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05DL

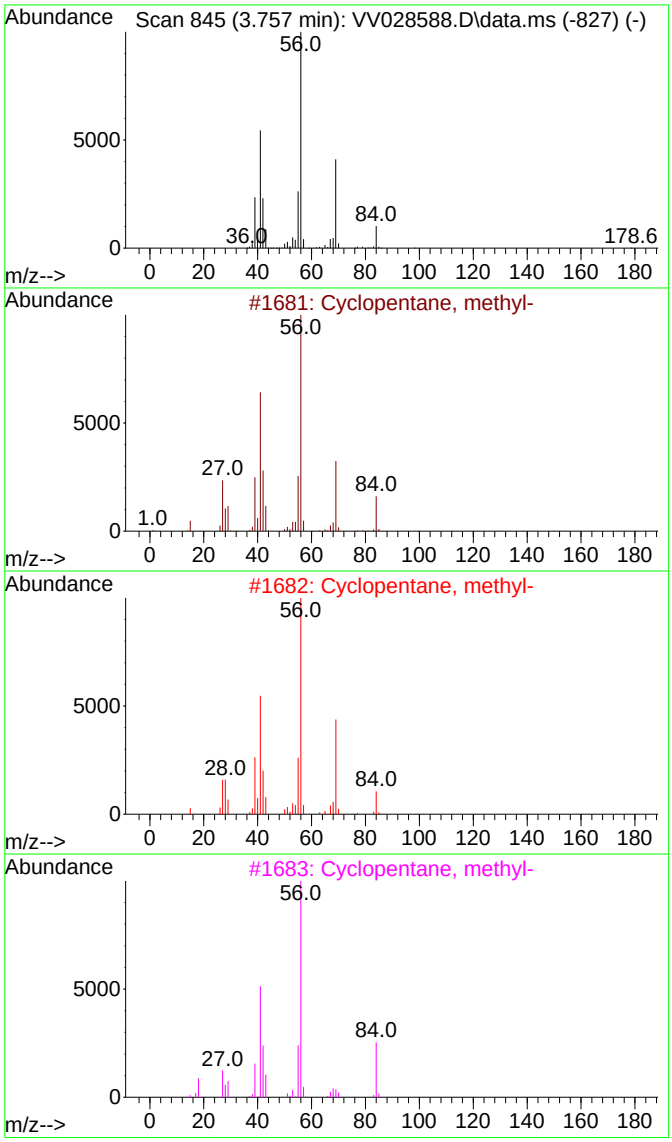
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0

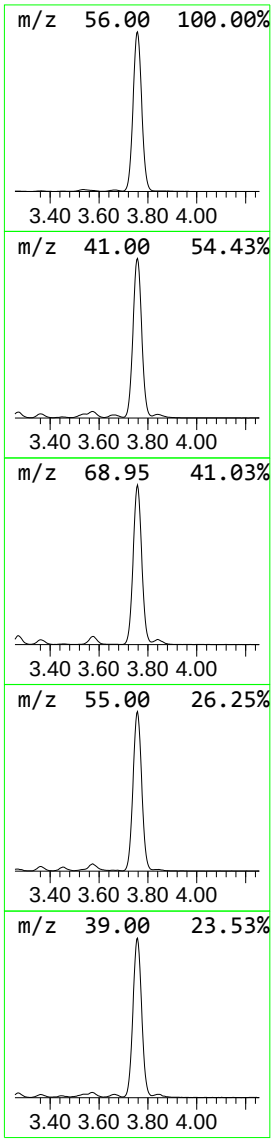
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic3.757 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.757	65.74 ug/L	6427450	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
5	Cyclohexane	84	C6H12	000110-82-7	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101722\
Data File : VV028588.D
Acq On : 17 Oct 2022 14:57
Operator : SY/MD
Sample : N5109-02DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05DL

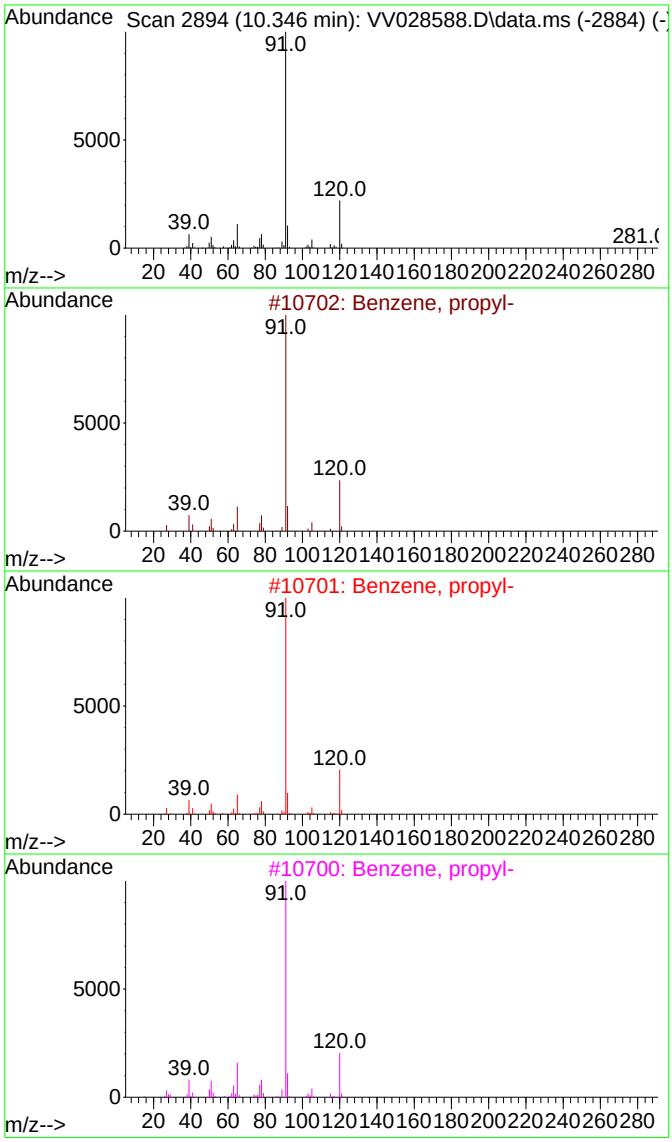
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0

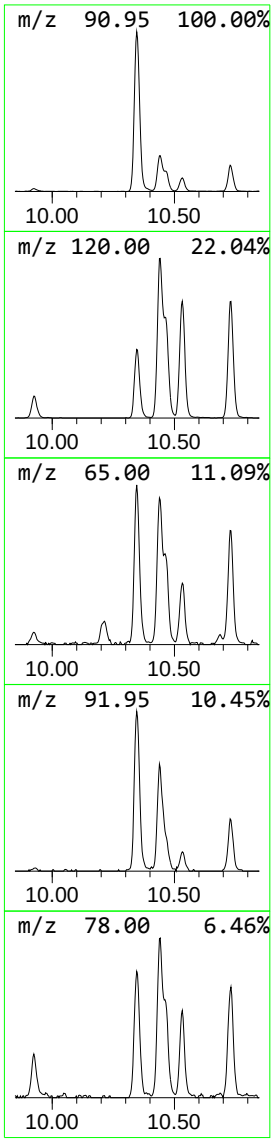
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.346	2.41 ug/L	398415	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	Benzene, propyl-	120	C9H12	000103-65-1	86
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101722\
Data File : VV028588.D
Acq On : 17 Oct 2022 14:57
Operator : SY/MD
Sample : N5109-02DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05DL

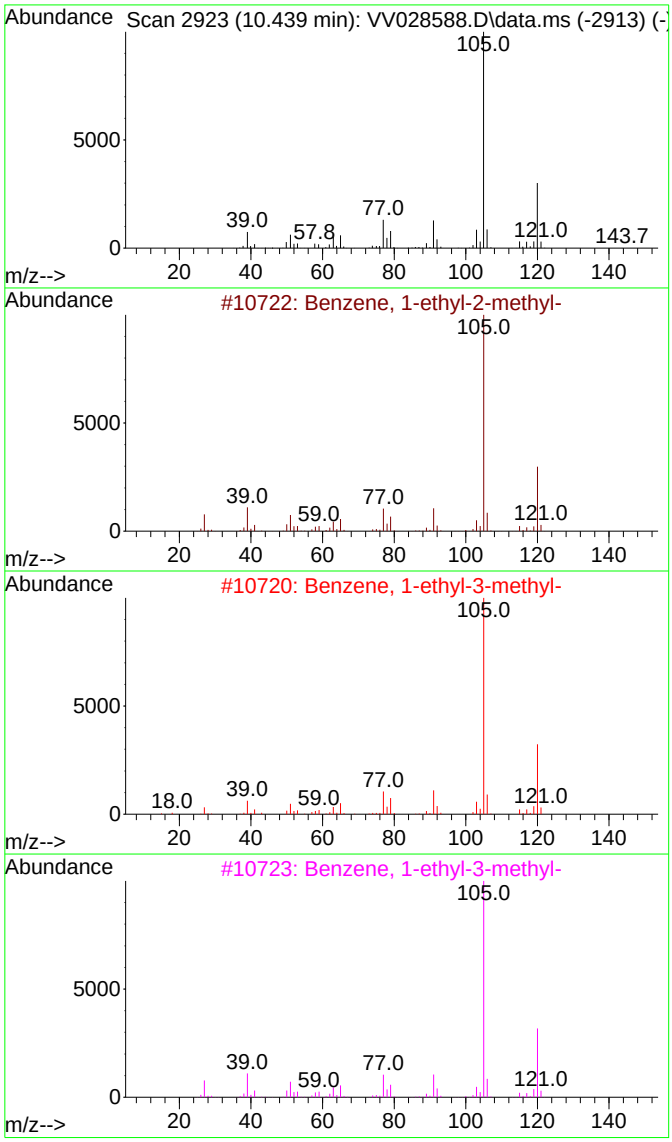
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0

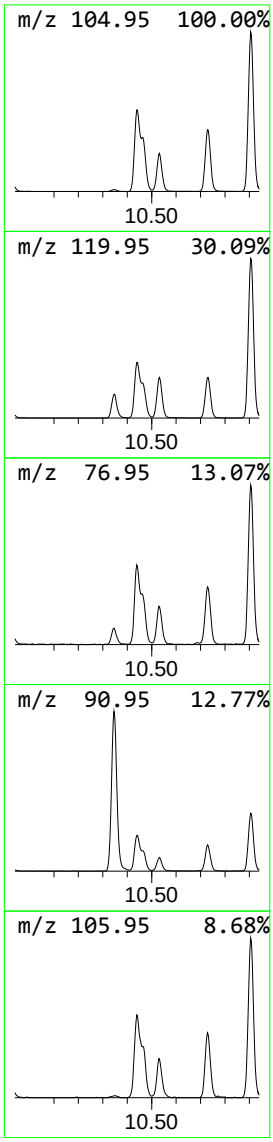
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.439	5.16 ug/L	854962	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101722\
Data File : VV028588.D
Acq On : 17 Oct 2022 14:57
Operator : SY/MD
Sample : N5109-02DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05DL

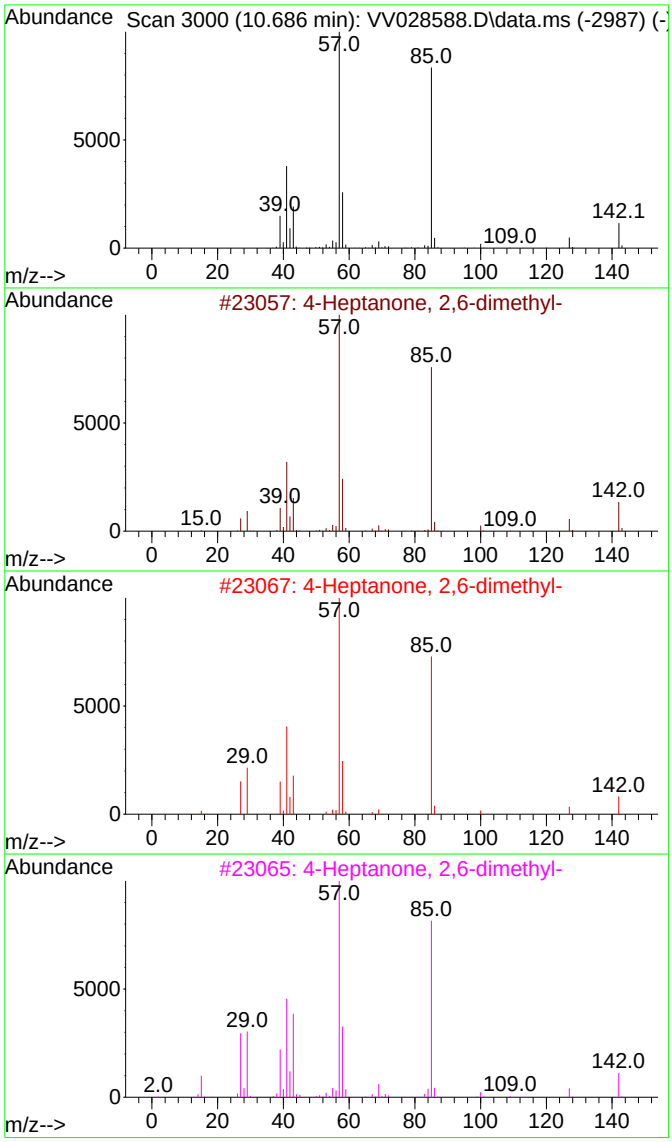
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0

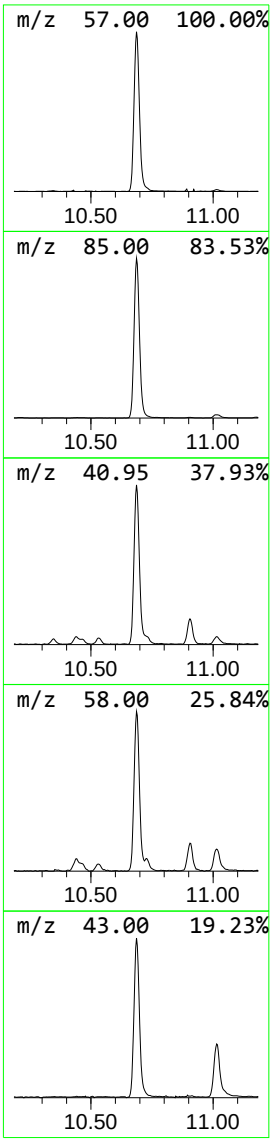
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4-Heptanone, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.686	6.59 ug/L	1091540	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	94
2	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	94
3	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	91
4	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	78
5	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101722\
Data File : VV028588.D
Acq On : 17 Oct 2022 14:57
Operator : SY/MD
Sample : N5109-02DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05DL

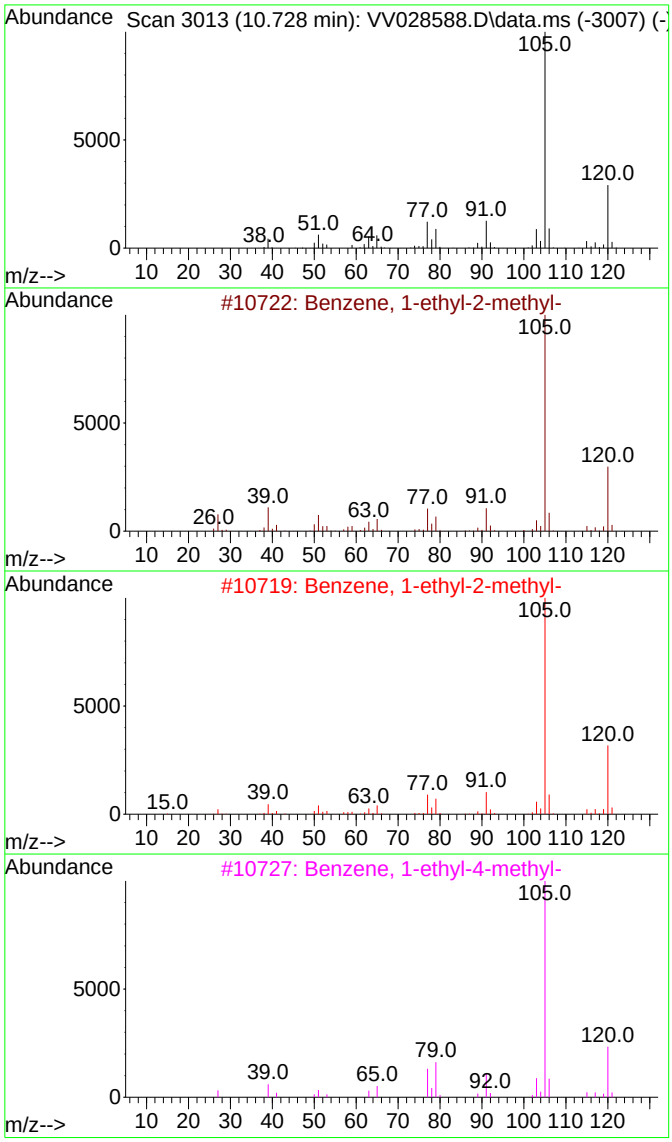
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0

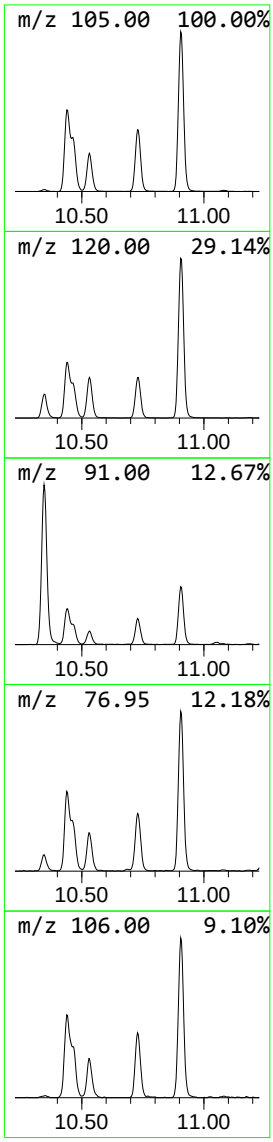
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-ethyl-4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.728	3.75 ug/L	621764	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101722\
Data File : VV028588.D
Acq On : 17 Oct 2022 14:57
Operator : SY/MD
Sample : N5109-02DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05DL

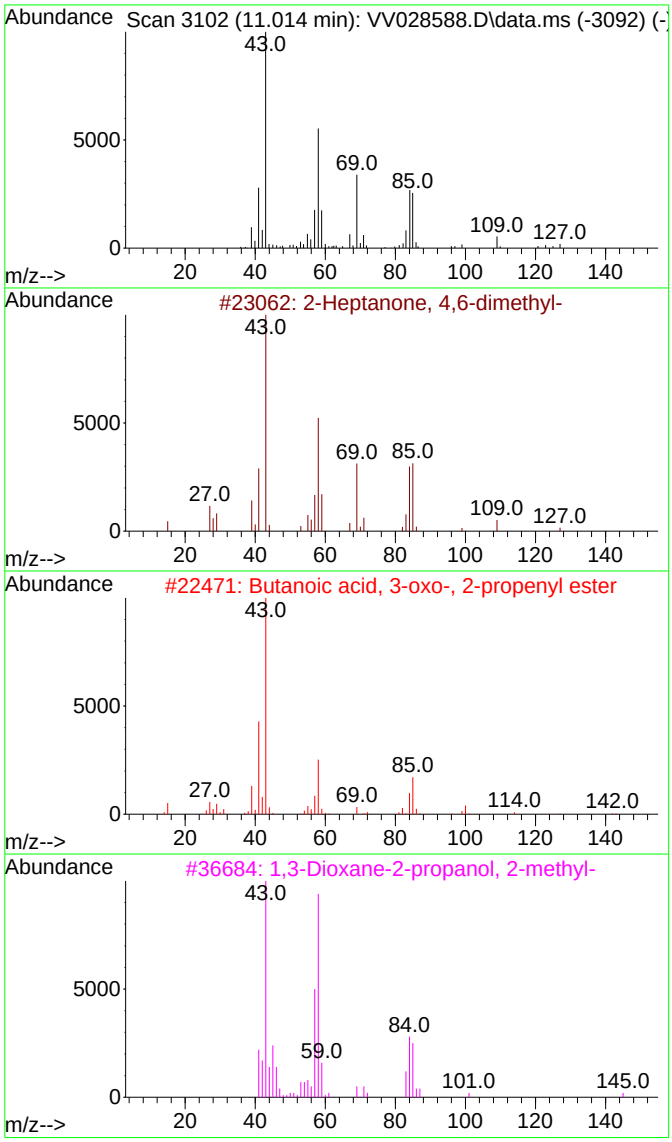
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0

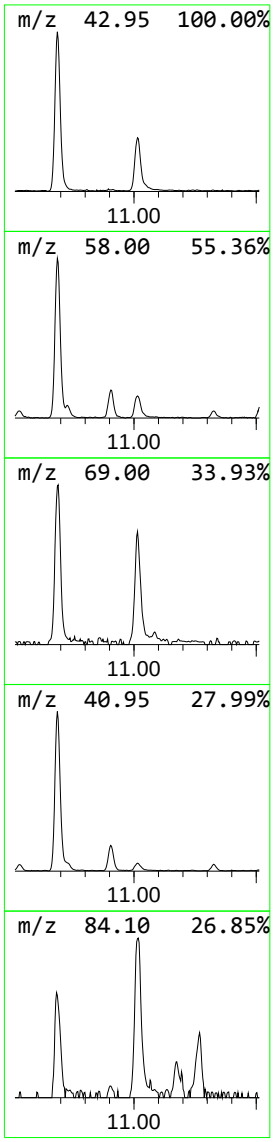
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 2-Heptanone, 4,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.014	0.62 ug/L	103169	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	90
2	Butanoic acid, 3-oxo-, 2-propeny...	142	C7H10O3	001118-84-9	50
3	1,3-Dioxane-2-propanol, 2-methyl-	160	C8H16O3	036651-31-7	50
4	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	50
5	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101722\
Data File : VV028588.D
Acq On : 17 Oct 2022 14:57
Operator : SY/MD
Sample : N5109-02DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05DL

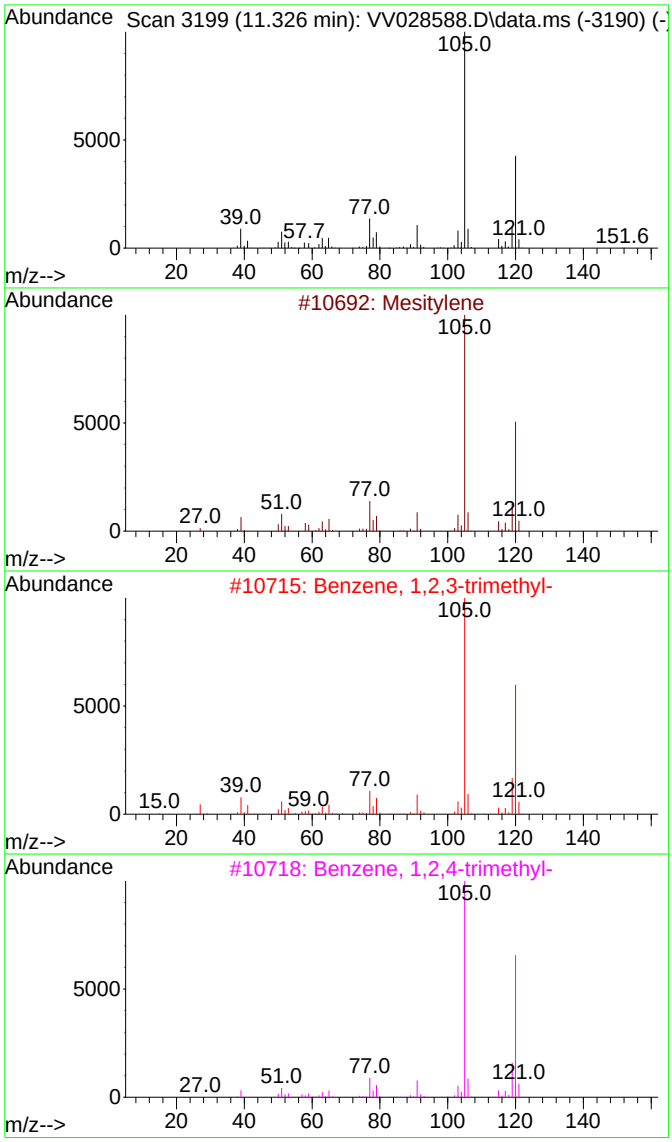
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0

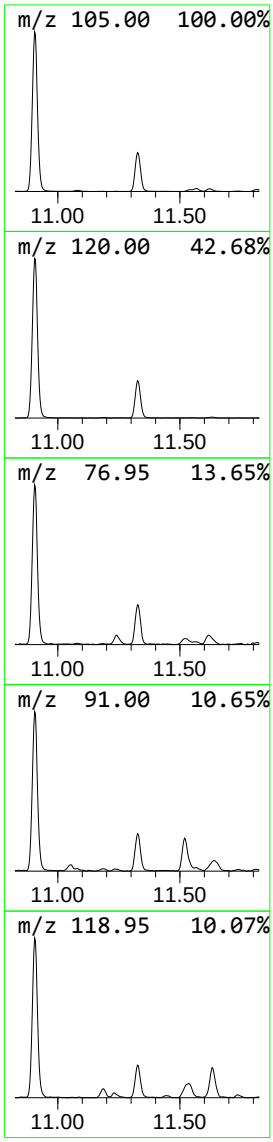
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.326	2.52 ug/L	418074	1,4-Dichlorobenzene-d4	11.243

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101722\
Data File : VV028588.D
Acq On : 17 Oct 2022 14:57
Operator : SY/MD
Sample : N5109-02DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0

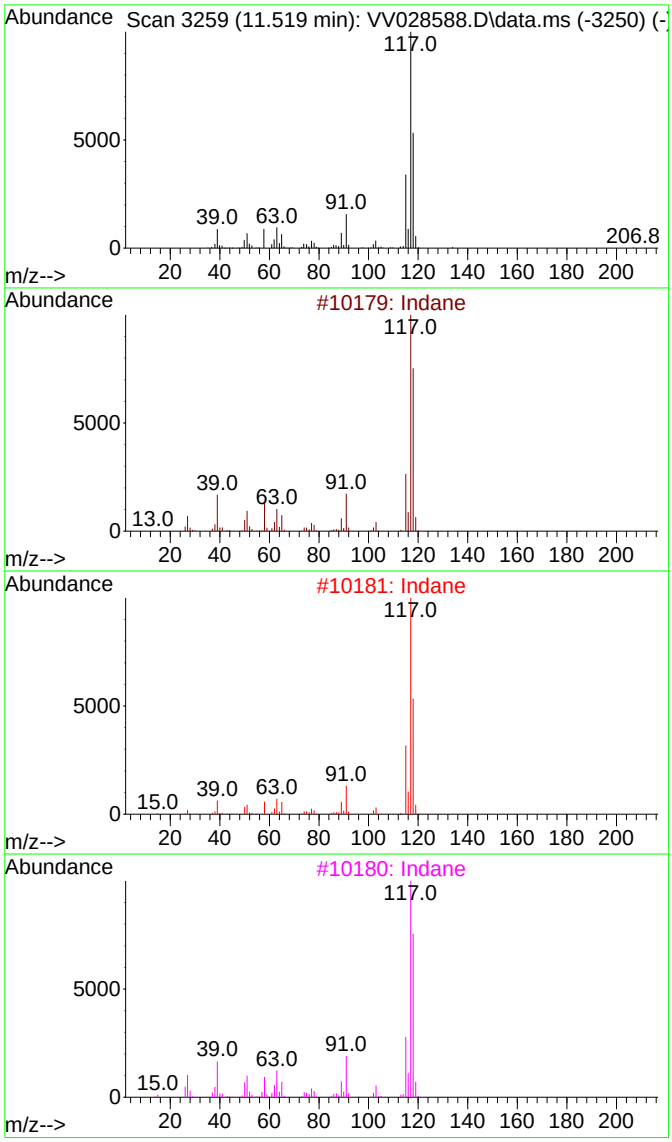
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

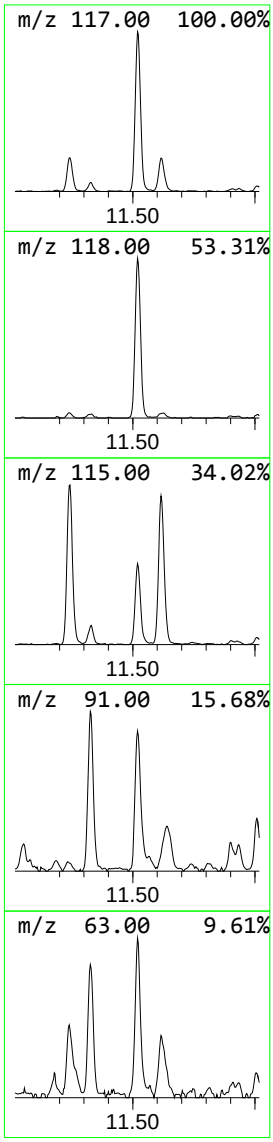
****

Peak Number 16 Indane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.519	1.72 ug/L	285287	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	96
2	Indane	118	C9H10	000496-11-7	94
3	Indane	118	C9H10	000496-11-7	90
4	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	74
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101722\
Data File : VV028588.D
Acq On : 17 Oct 2022 14:57
Operator : SY/MD
Sample : N5109-02DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05DL

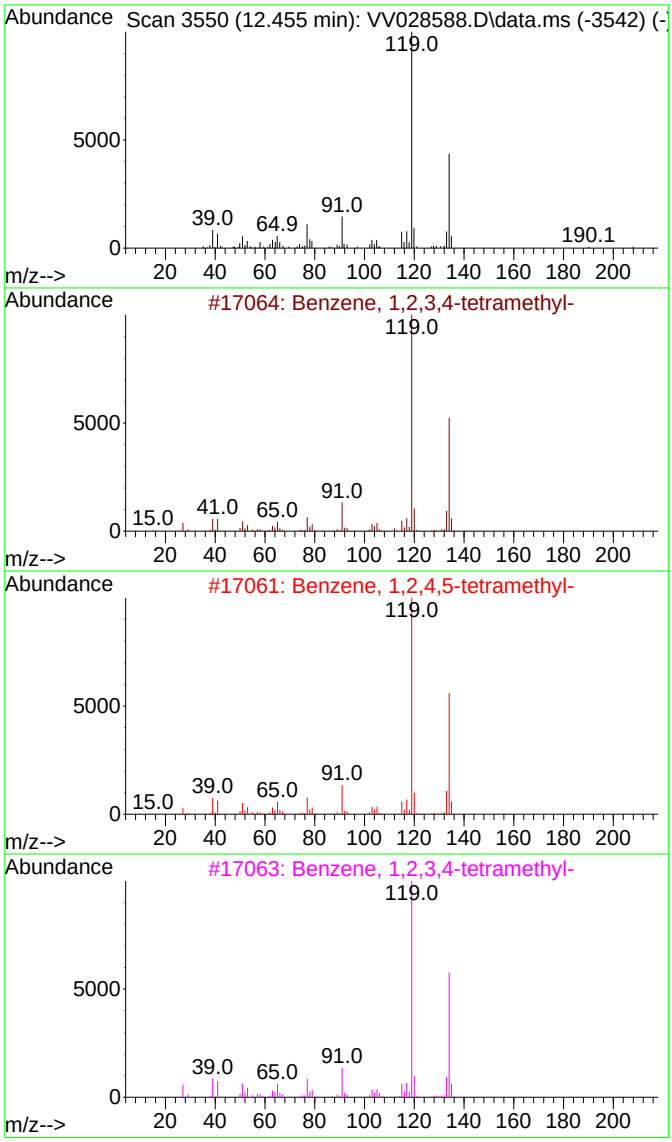
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0

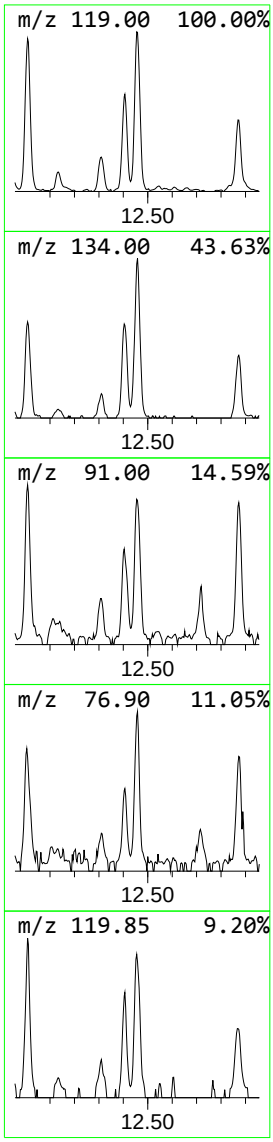
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.455	0.56 ug/L	92738	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101722\
Data File : VV028588.D
Acq On : 17 Oct 2022 14:57
Operator : SY/MD
Sample : N5109-02DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05DL

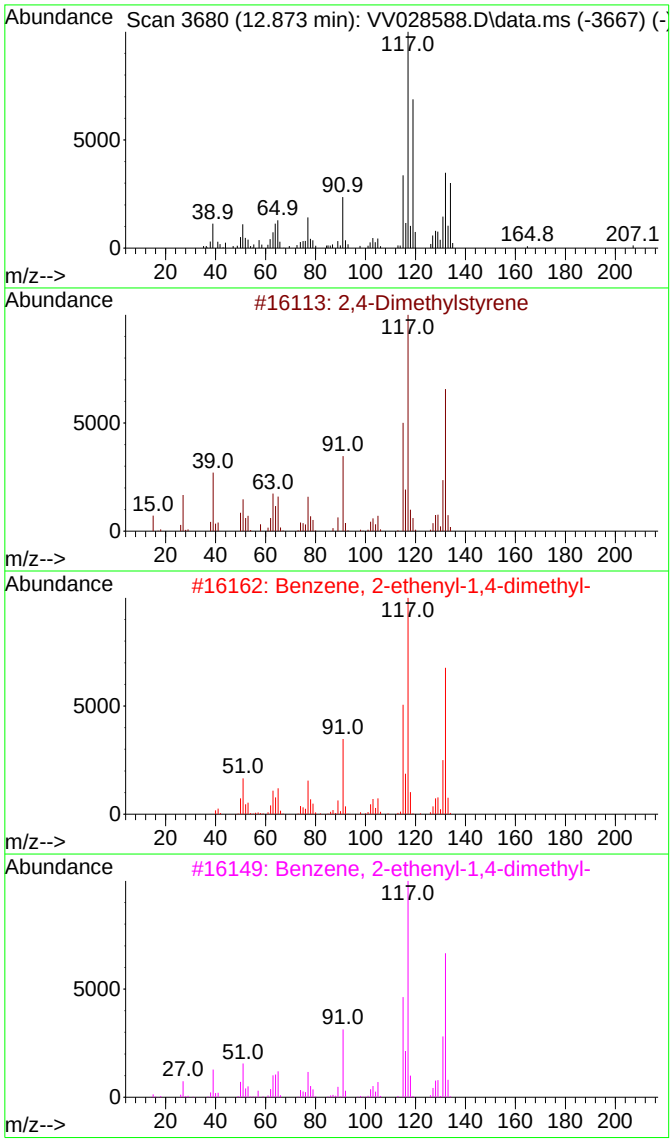
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0

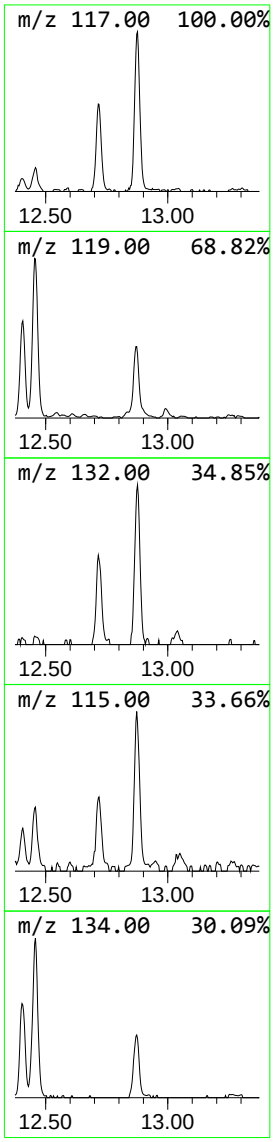
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 2,4-Dimethylstyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.873	0.61 ug/L	100440	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	91
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	70
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101722\
Data File : VV028588.D
Acq On : 17 Oct 2022 14:57
Operator : SY/MD
Sample : N5109-02DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0

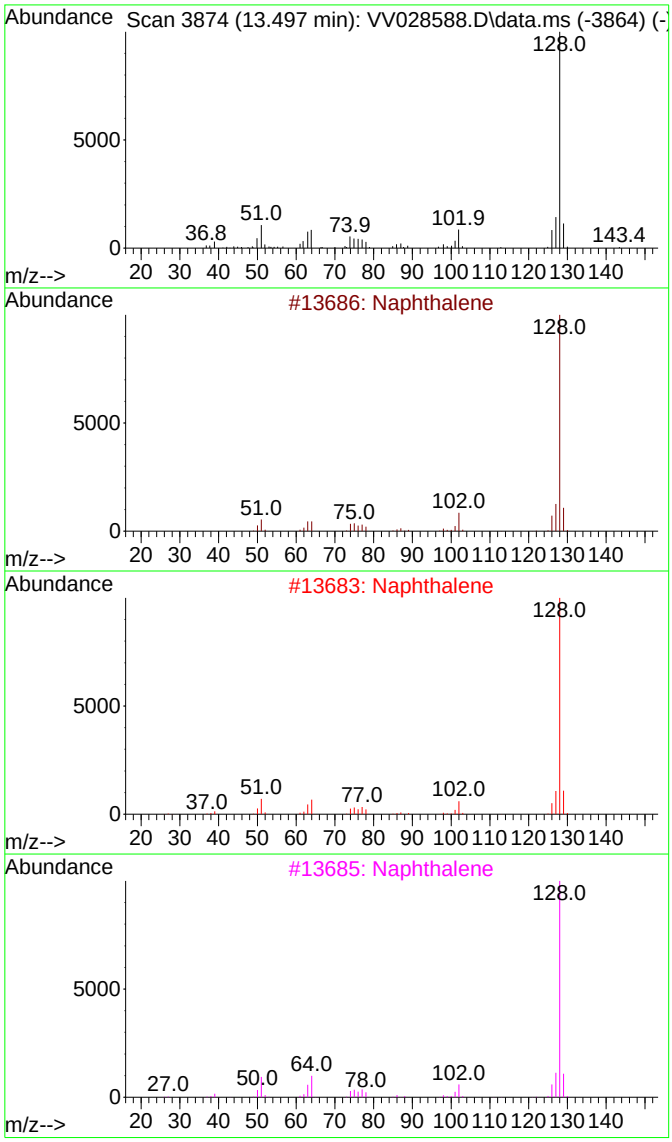
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

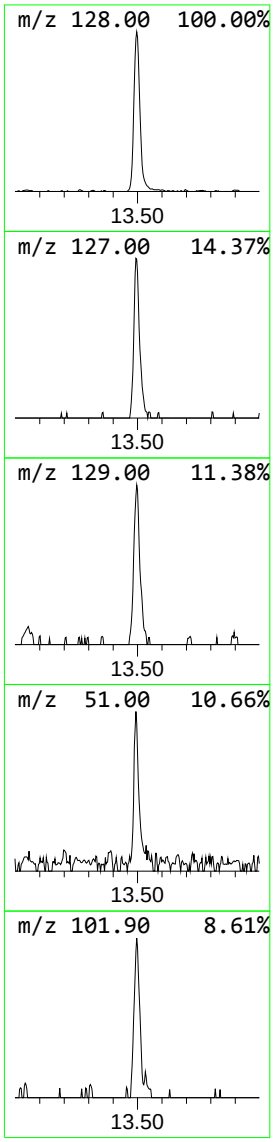
****

Peak Number 19 Azulene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.497	0.53 ug/L	87788	1,4-Dichlorobenzene-d4	11.243

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101722\
Data File : VV028588.D
Acq On : 17 Oct 2022 14:57
Operator : SY/MD
Sample : N5109-02DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.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...	2.526	25.5	ug/L	2496540	1	5.616	488817	5.0
(DEL) Alkane: S...	2.754	52.6	ug/L	5147710	1	5.616	488817	5.0
(DEL) Alkane: S...	3.034	40.2	ug/L	3926270	1	5.616	488817	5.0
(DEL) Alkane: S...	3.269	1.4	ug/L	132255	1	5.616	488817	5.0
(DEL) Alkane: S...	3.362	1.1	ug/L	111330	1	5.616	488817	5.0
(DEL) Alkane: S...	3.536	1.7	ug/L	168930	1	5.616	488817	5.0
(DEL) Alkane: S...	3.661	1.2	ug/L	117655	1	5.616	488817	5.0
(DEL) Alkane: C...	3.757	65.7	ug/L	6427450	1	5.616	488817	5.0
Benzene, propyl-	10.346	2.4	ug/L	398415	3	11.243	828127	5.0
Benzene, 1-ethy...	10.439	5.2	ug/L	854962	3	11.243	828127	5.0
4-Heptanone, 2,...	10.686	6.6	ug/L	1091540	3	11.243	828127	5.0
Benzene, 1-ethy...	10.728	3.8	ug/L	621764	3	11.243	828127	5.0
2-Heptanone, 4,...	11.014	0.6	ug/L	103169	3	11.243	828127	5.0
Benzene, 1,2,3-...	11.326	2.5	ug/L	418074	3	11.243	828127	5.0
Indane	11.519	1.7	ug/L	285287	3	11.243	828127	5.0
Benzene, 1,2,3,...	12.455	0.6	ug/L	92738	3	11.243	828127	5.0
2,4-Dimethylsty...	12.873	0.6	ug/L	100440	3	11.243	828127	5.0
Azulene	13.497	0.5	ug/L	87788	3	11.243	828127	5.0