LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101422\
Data File : VV028555.D
Acq On : 14 Oct 2022 18:02
Operator : SY/MD
Sample : N5109-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05

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: VV028555.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.310	75	84	104	rBV2	779695	841856	2.48%	0.511%
2	2.108	322	332	358	rVB2	303087	550418	1.62%	0.334%
3	2.529	436	463	499	rVB	5178565	12053541	35.47%	7.312%
4	2.757	517	534	573	rBV	13309482	25837789	76.02%	15.674%
5	3.037	605	621	646	rBV	9382044	18011081	52.99%	10.926%
6	3.185	647	667	685	rBV2	434322	1356216	3.99%	0.823%
7	3.269	685	693	709	rVB	221665	463855	1.36%	0.281%
8	3.362	709	722	735	rBV3	188260	419211	1.23%	0.254%
9	3.539	760	777	784	rBV2	320741	877262	2.58%	0.532%
10	3.664	803	816	827	rBV2	247619	574668	1.69%	0.349%
11	3.761	827	846	865	rBV	13980212	33986648	100.00%	20.617%
12	3.905	879	891	920	rVB2	628238	1590477	4.68%	0.965%
13	4.346	1012	1028	1052	rBV2	132066	375937	1.11%	0.228%
14	4.603	1088	1108	1118	rBV	856273	2107287	6.20%	1.278%
15	4.674	1119	1130	1151	rVB	1372948	3339706	9.83%	2.026%
16	5.043	1230	1245	1274	rBV2	323054	830972	2.44%	0.504%
17	5.613	1409	1422	1454	rBV	299872	621084	1.83%	0.377%
18	6.066	1549	1563	1579	rBV	187216	400840	1.18%	0.243%
19	7.313	1940	1951	1961	rBV	381924	663123	1.95%	0.402%
20	7.381	1961	1972	2007	rVB	5765717	9710606	28.57%	5.891%
21	8.085	2182	2191	2226	rBV	280111	694713	2.04%	0.421%
22	8.873	2416	2436	2466	rBV2	1789534	3705390	10.90%	2.248%
23	9.005	2466	2477	2490	rBV	1228010	1908784	5.62%	1.158%
24	9.130	2503	2516	2550	rVB	2137520	3438861	10.12%	2.086%
25	9.535	2630	2642	2668	rBV	1176402	1849806	5.44%	1.122%
26	9.924	2748	2763	2785	rBV	451241	708604	2.08%	0.430%
27	10.345	2882	2894	2912	rBV	1357498	2097692	6.17%	1.273%
28	10.439	2912	2923	2929	rBV	2979827	4914323	14.46%	2.981%
29	10.532	2942	2952	2973	rVB	1541301	2304774	6.78%	1.398%
30	10.686	2987	3000	3007	rBV	4206225	6335119	18.64%	3.843%
31	10.728	3007	3013	3037	rVB	2272882	3417929	10.06%	2.073%
32	10.905	3056	3068	3089	rBV	6422365	9464010	27.85%	5.741%
33	11.011	3090	3101	3117	rBV	339966	591595	1.74%	0.359%
34	11.175	3140	3152	3163	rBV2	356750	594639	1.75%	0.361%
35	11.243	3163	3173	3175	rBV	591294	750814	2.21%	0.455%
36	11.326	3190	3199	3218	rVB	1602890	2393338	7.04%	1.452%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101422\
Data File : VV028555.D
Acq On : 14 Oct 2022 18:02
Operator : SY/MD
Sample : N5109-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05

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	11.519	3248	3259	3270	rBV	946884	1584514	4.66%	0.961%
38	11.622	3280	3291	3310	rVB5	568542	1303339	3.83%	0.791%
39	12.008	3400	3411	3432	rVB	309793	501491	1.48%	0.304%
40	12.455	3542	3550	3567	rVB	350703	532562	1.57%	0.323%
41	12.873	3660	3680	3696	rBV2	359848	606952	1.79%	0.368%
42	13.493	3862	3873	3896	rBV	331622	532490	1.57%	0.323%

Sum of corrected areas: 164844316

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101422\
Data File : VV028555.D
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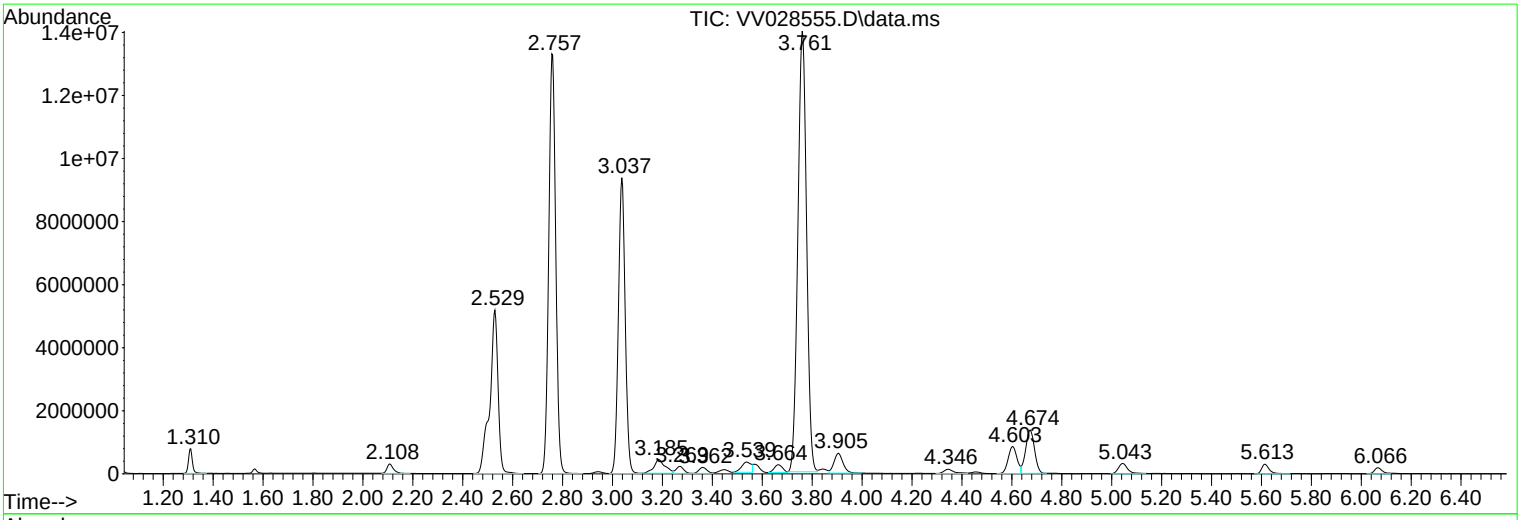
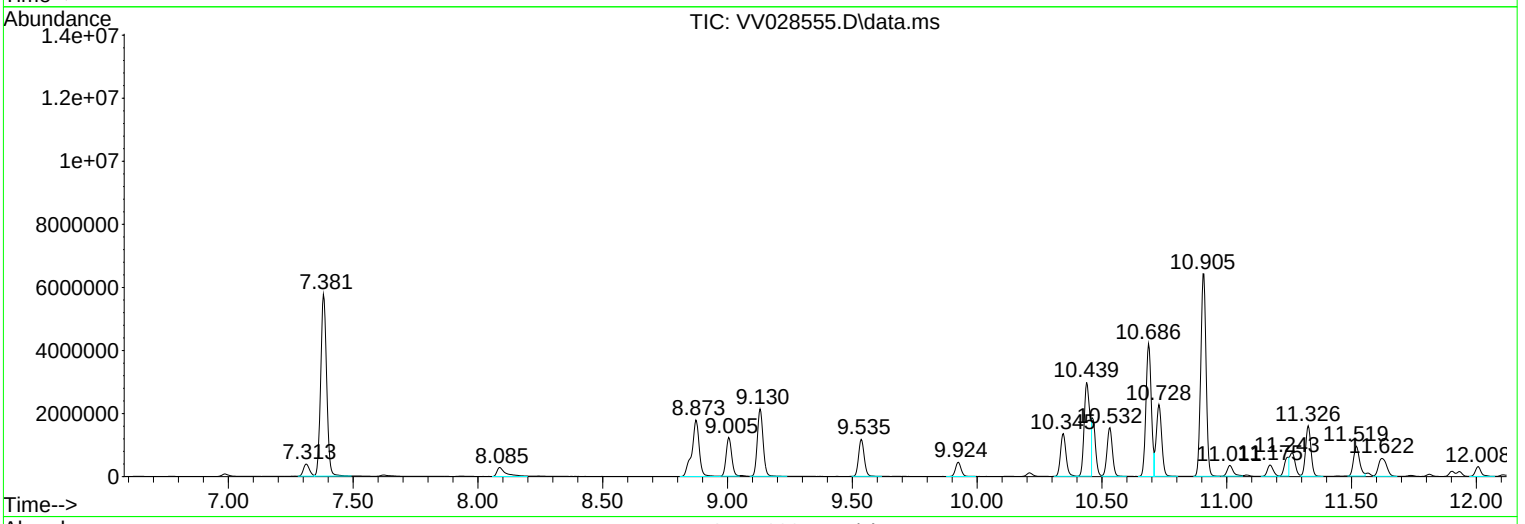
Operator : SY/MD
Sample : N5109-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

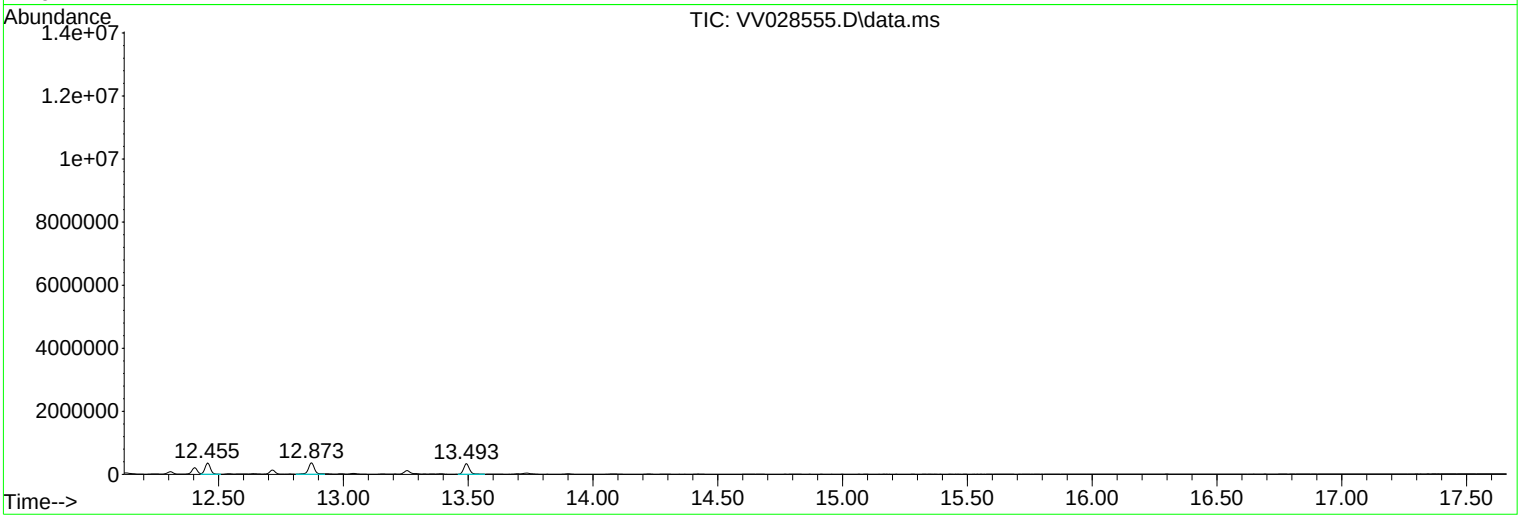
Instrument :
MSVOA_V
ClientSampleId :
BFZ05

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\VV101422\
Data File : VV028555.D
Acq On : 14 Oct 2022 18:02
Operator : SY/MD
Sample : N5109-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05

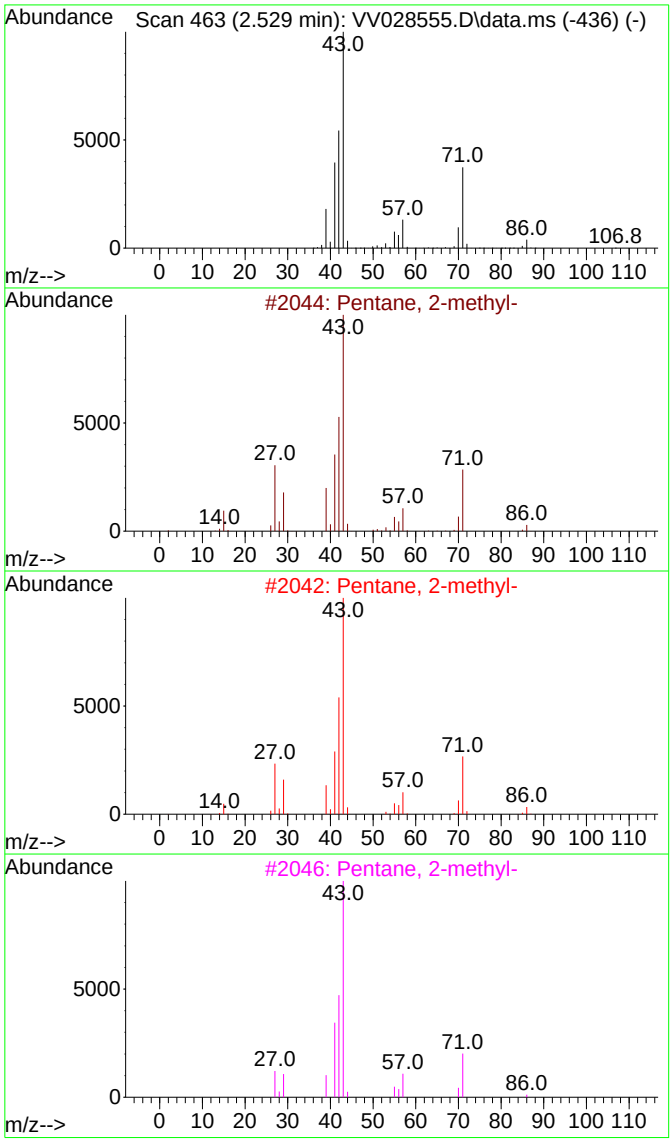
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0

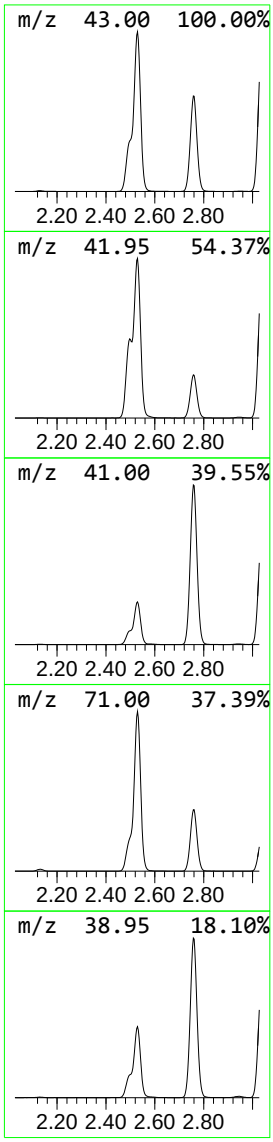
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.529	97.04 ug/L	12053500	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	78
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	74
5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101422\
Data File : VV028555.D
Acq On : 14 Oct 2022 18:02
Operator : SY/MD
Sample : N5109-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05

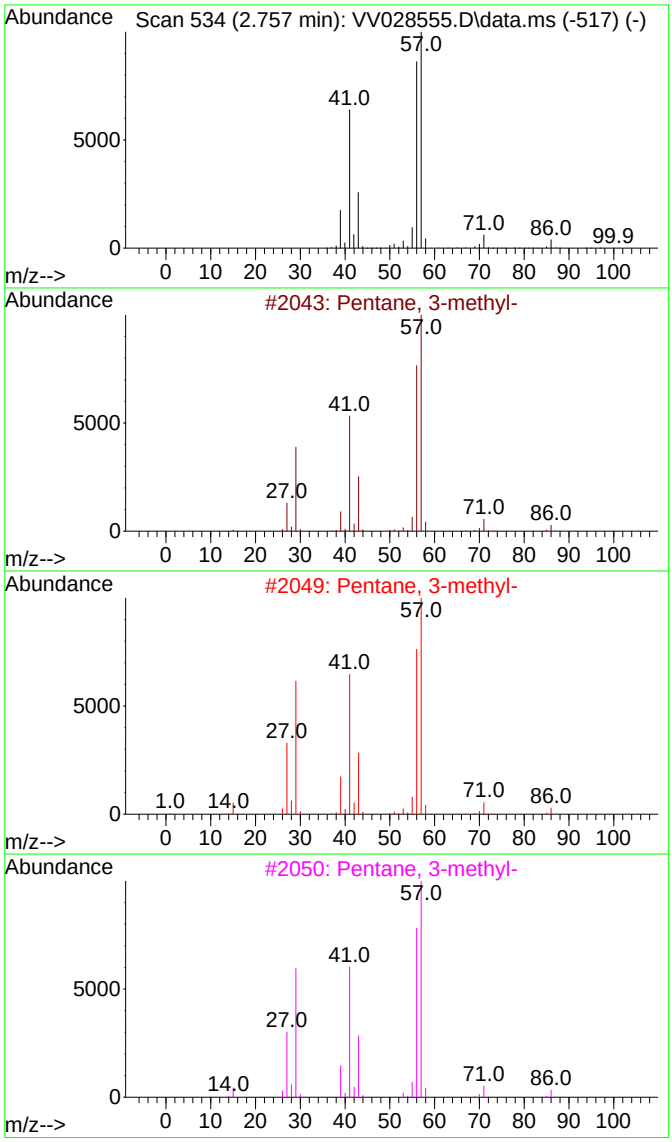
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0

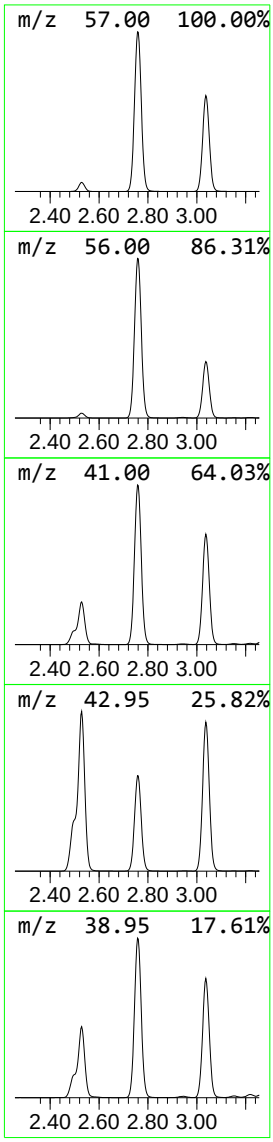
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.757	208.01 ug/L	25837800	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	78
5	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101422\
Data File : VV028555.D
Acq On : 14 Oct 2022 18:02
Operator : SY/MD
Sample : N5109-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05

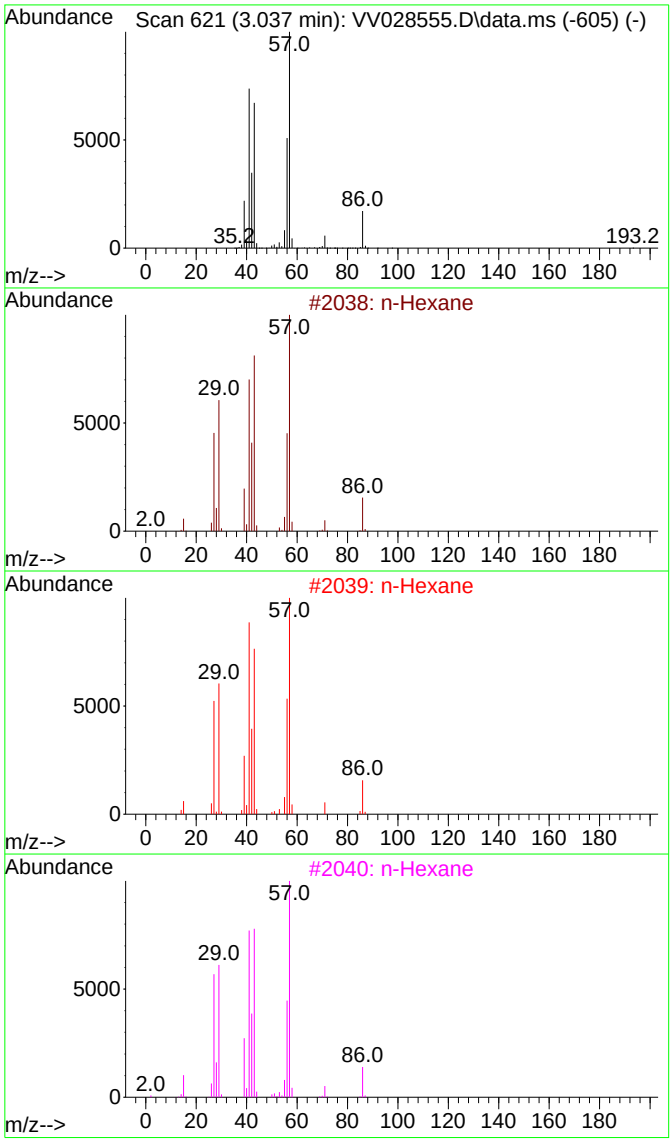
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0

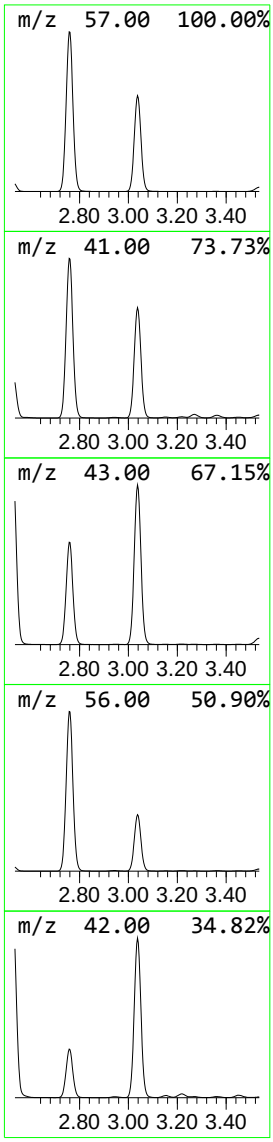
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.037	145.00 ug/L	18011100	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	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	83
5	n-Hexane	86	C6H14	000110-54-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101422\
Data File : VV028555.D
Acq On : 14 Oct 2022 18:02
Operator : SY/MD
Sample : N5109-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05

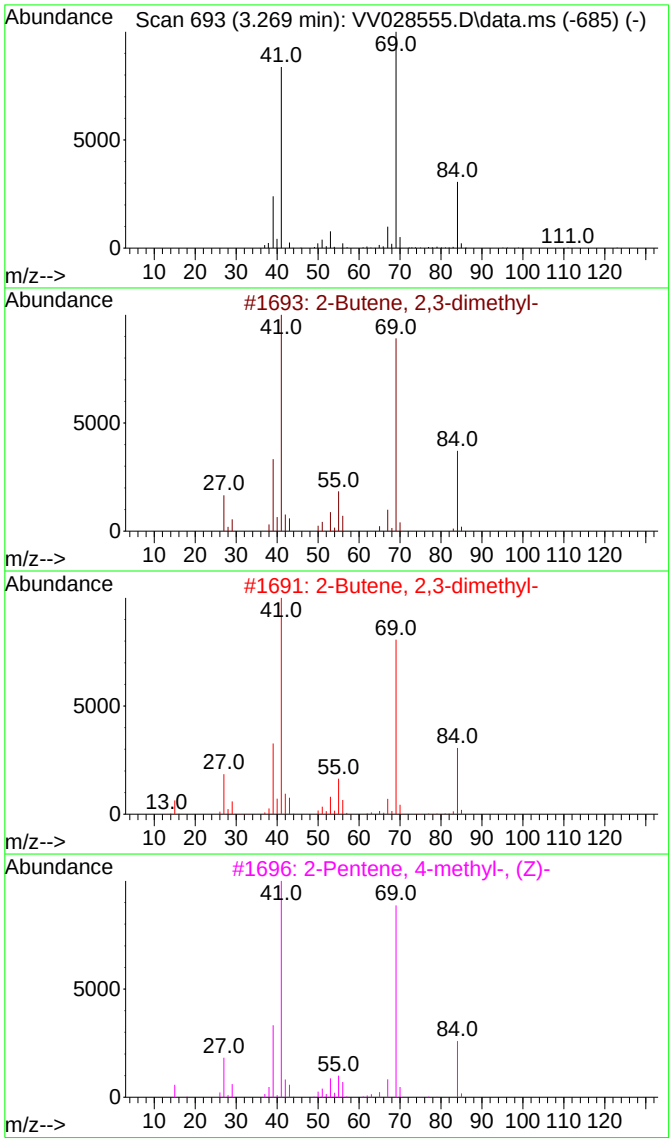
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0

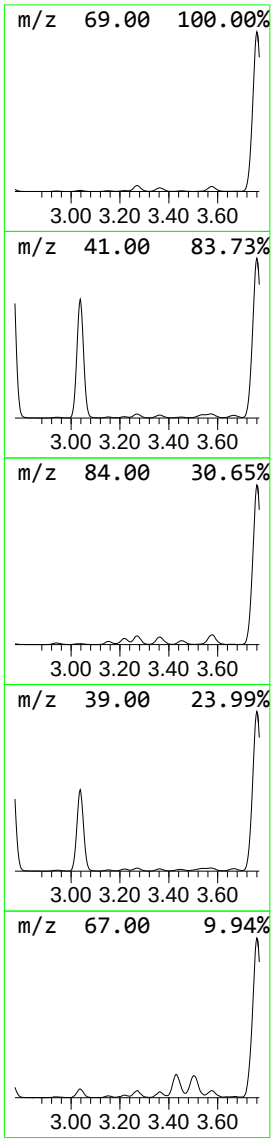
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.269	3.73 ug/L	463855	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-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	90
4	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	90
5	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101422\
Data File : VV028555.D
Acq On : 14 Oct 2022 18:02
Operator : SY/MD
Sample : N5109-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05

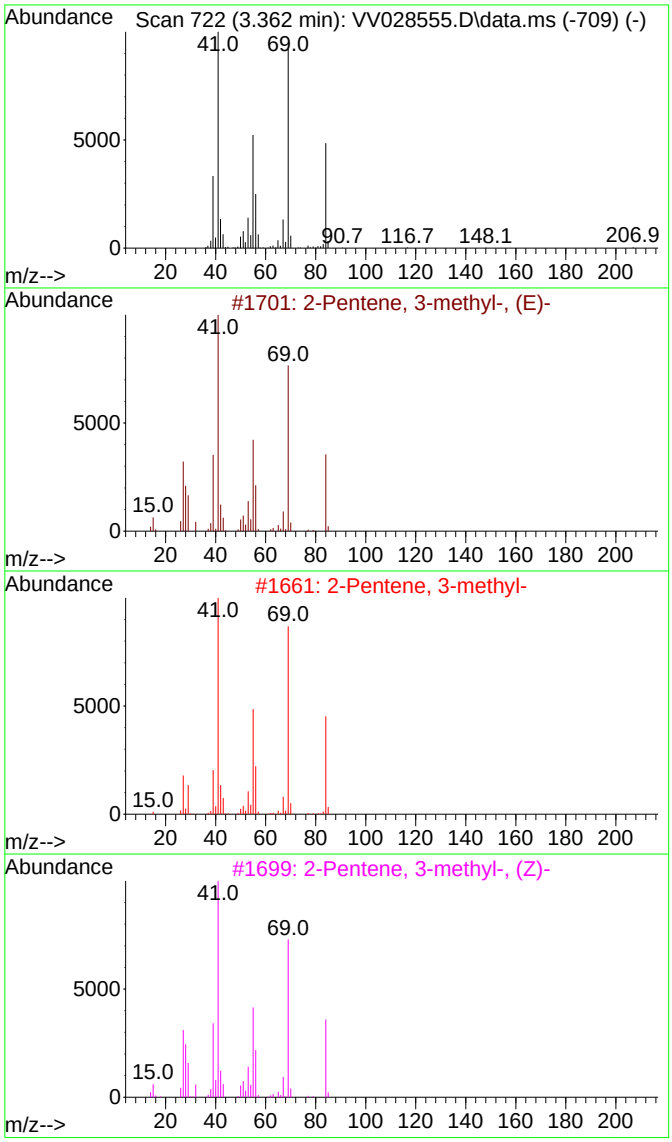
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0

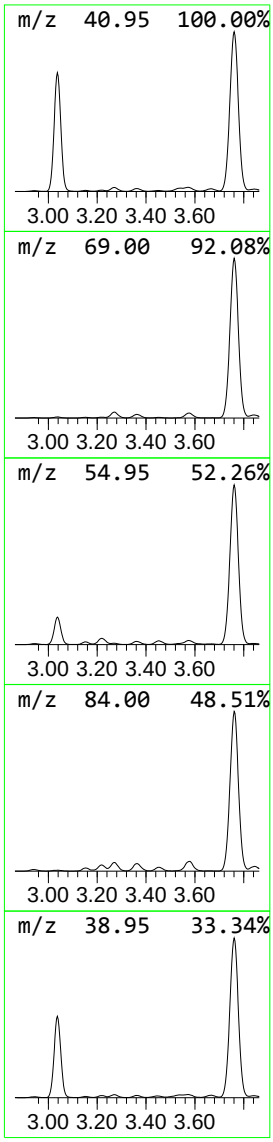
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.362	3.37 ug/L	419211	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	97
2	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	95
3	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	95
4	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	94
5	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101422\
Data File : VV028555.D
Acq On : 14 Oct 2022 18:02
Operator : SY/MD
Sample : N5109-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05

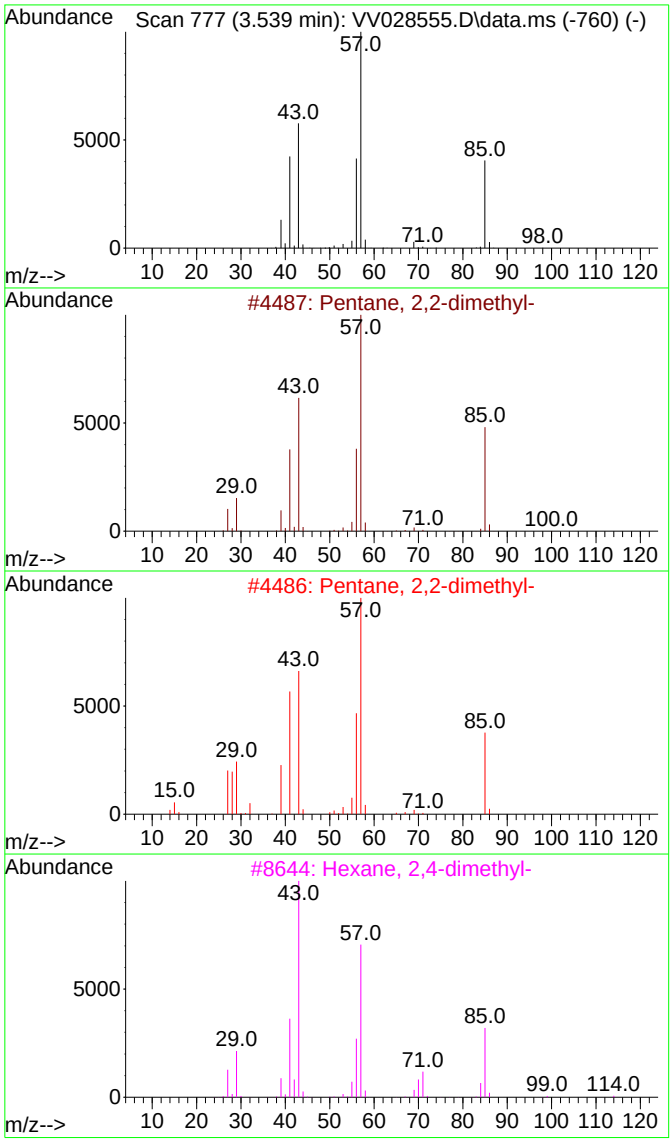
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0

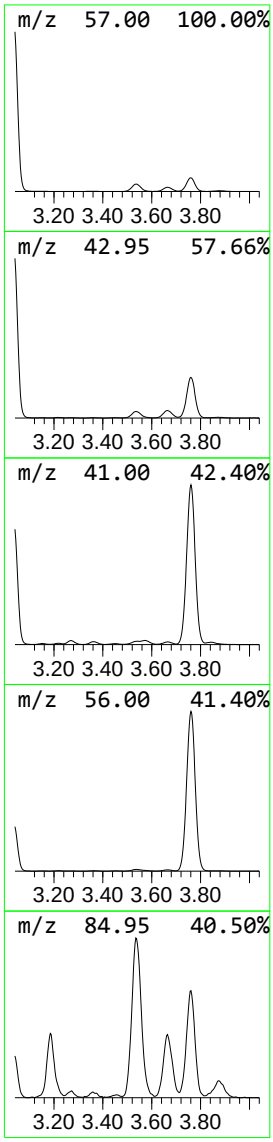
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.539	7.06 ug/L	877262	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	74
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	74
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
4	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	72
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	56





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Data File : VV028555.D
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05

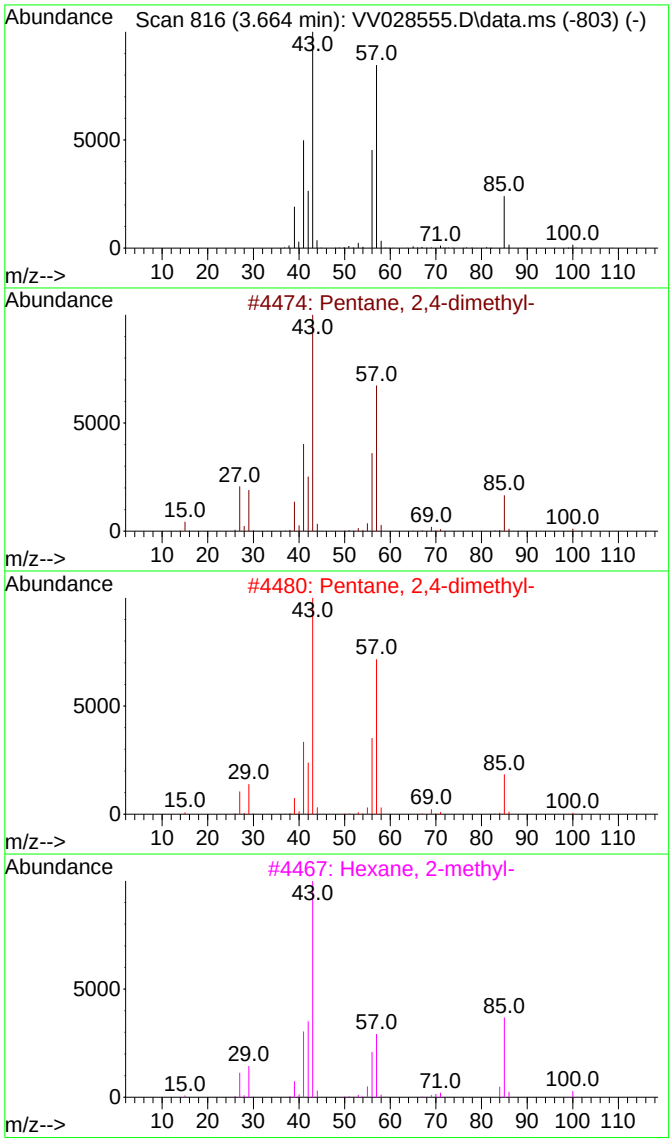
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0

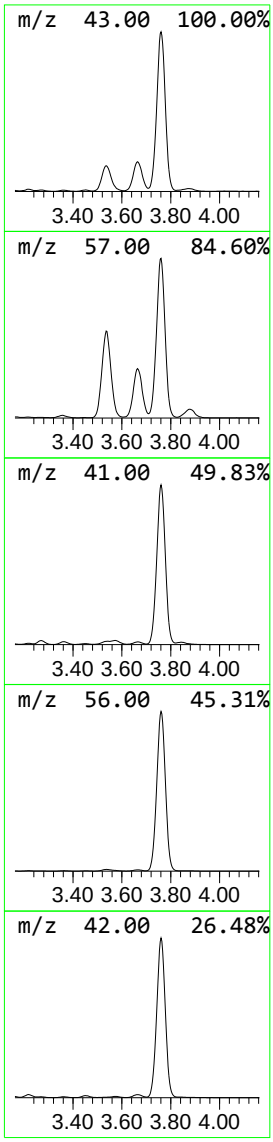
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.664	4.63 ug/L	574668	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	90
3	Hexane, 2-methyl-	100	C7H16	000591-76-4	78
4	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	72
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101422\
Data File : VV028555.D
Acq On : 14 Oct 2022 18:02
Operator : SY/MD
Sample : N5109-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05

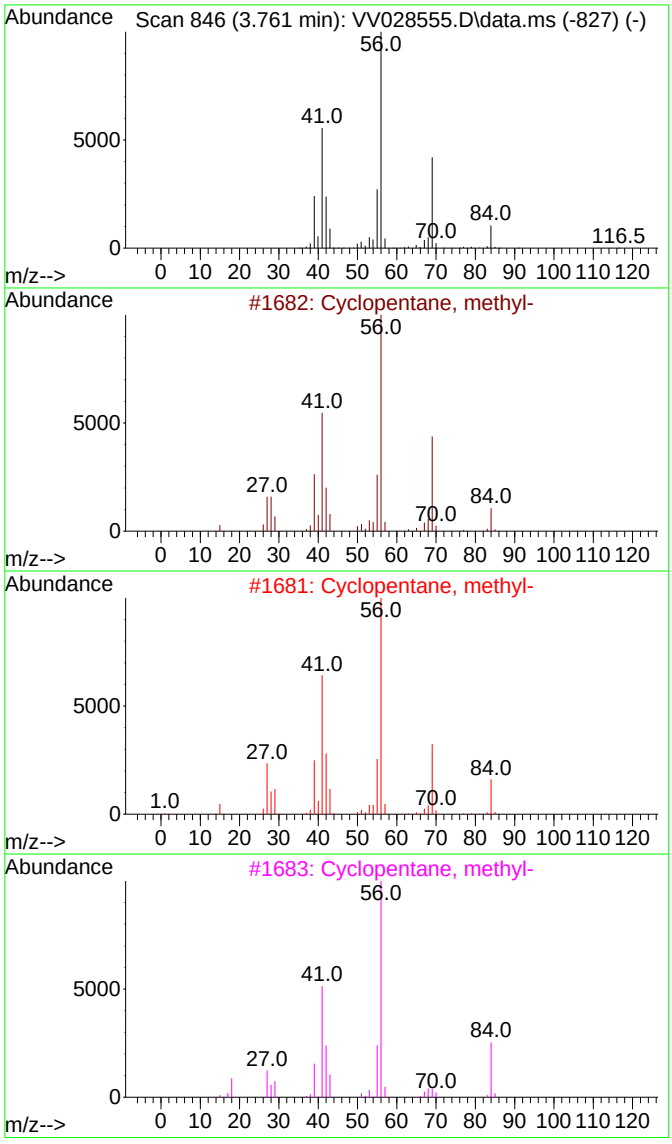
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0

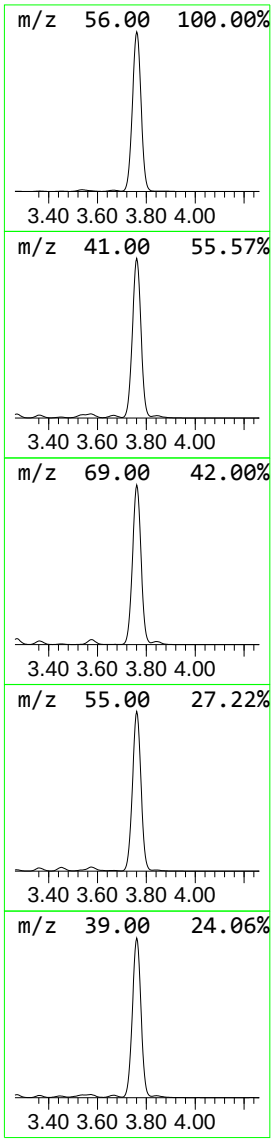
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic3.761 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.761	273.61 ug/L	33986600	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101422\
Data File : VV028555.D
Acq On : 14 Oct 2022 18:02
Operator : SY/MD
Sample : N5109-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05

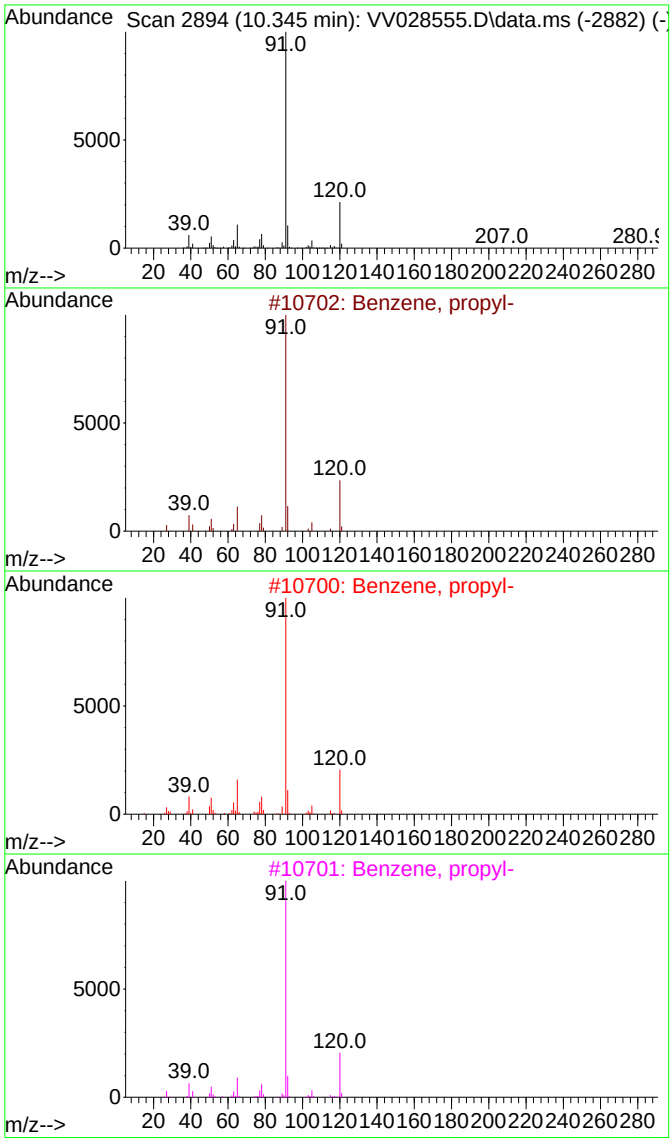
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0

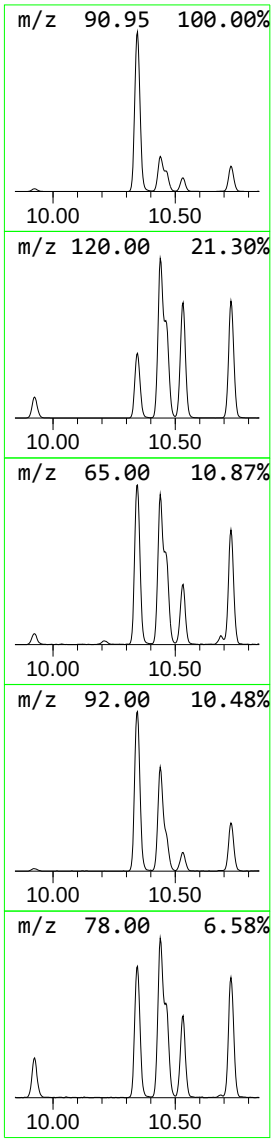
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.345	13.97 ug/L	2097690	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	Benzene, propyl-	120	C9H12	000103-65-1	91
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	Benzene, propyl-	120	C9H12	000103-65-1	87
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72





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Data File : VV028555.D
Acq On : 14 Oct 2022 18:02
Operator : SY/MD
Sample : N5109-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05

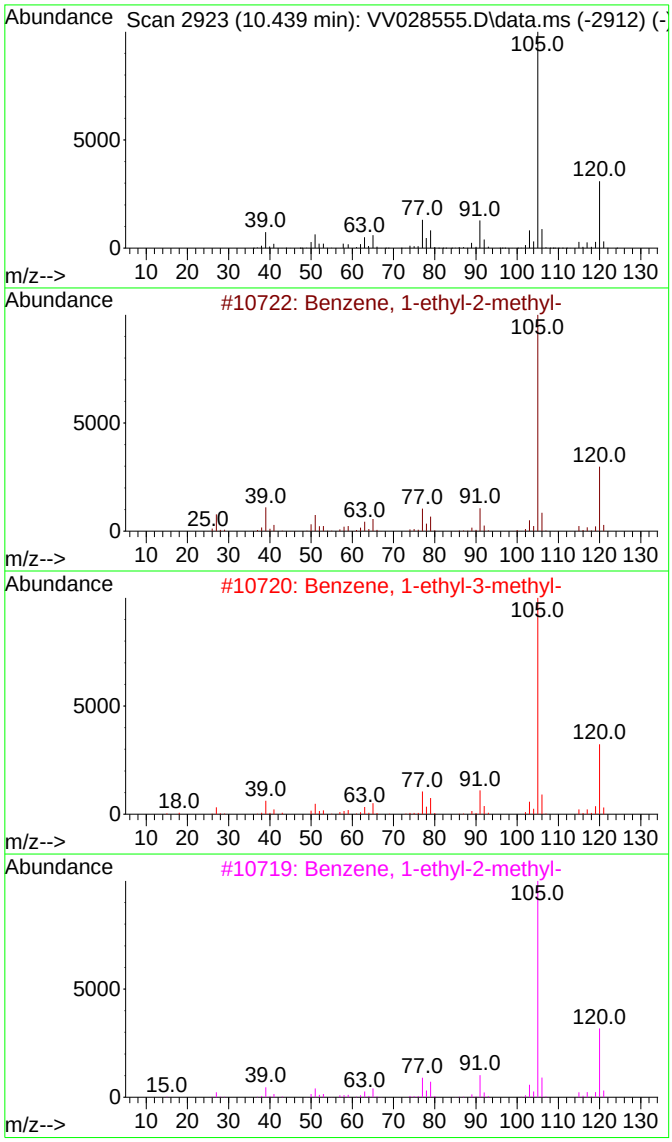
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0

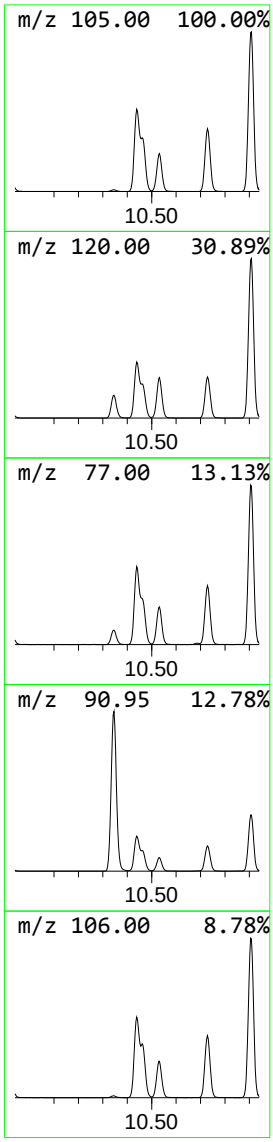
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.439	32.73 ug/L	4914320	1,4-Dichlorobenzene-d4	11.239

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-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Data File : VV028555.D
Acq On : 14 Oct 2022 18:02
Operator : SY/MD
Sample : N5109-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05

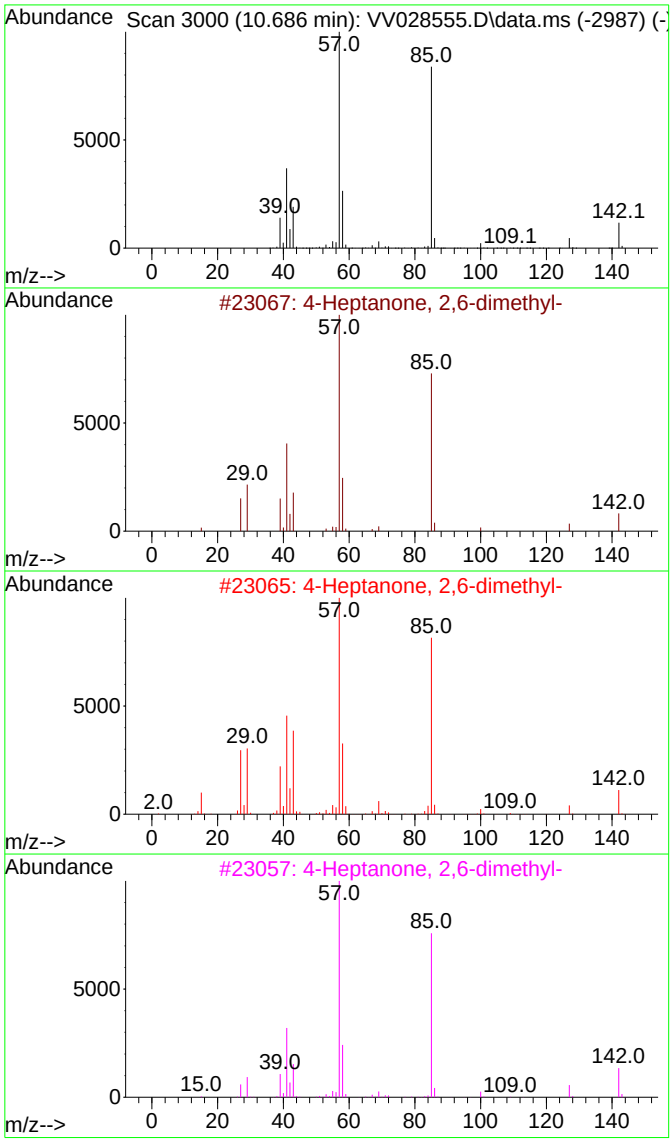
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0

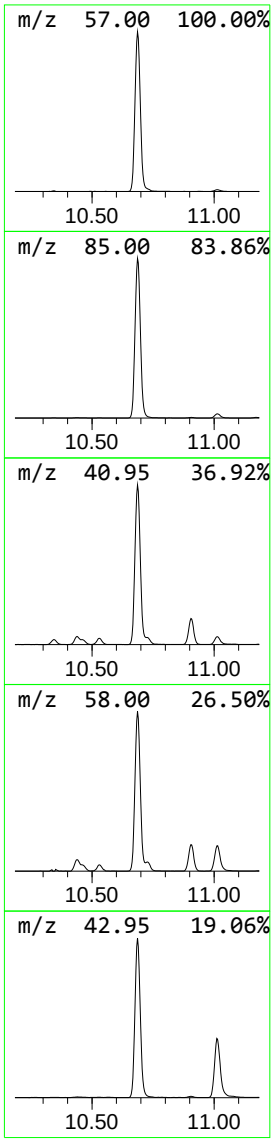
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4-Heptanone, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.686	42.19 ug/L	6335120	1,4-Dichlorobenzene-d4	11.239

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	91
3	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	90
4	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	90
5	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101422\
Data File : VV028555.D
Acq On : 14 Oct 2022 18:02
Operator : SY/MD
Sample : N5109-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05

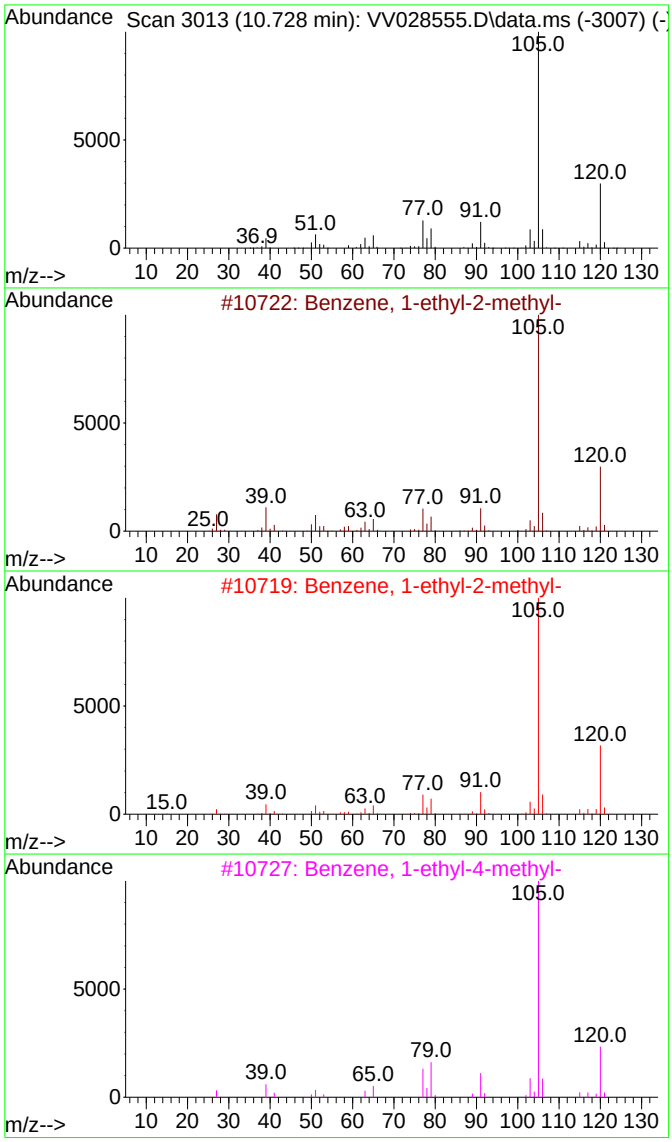
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0

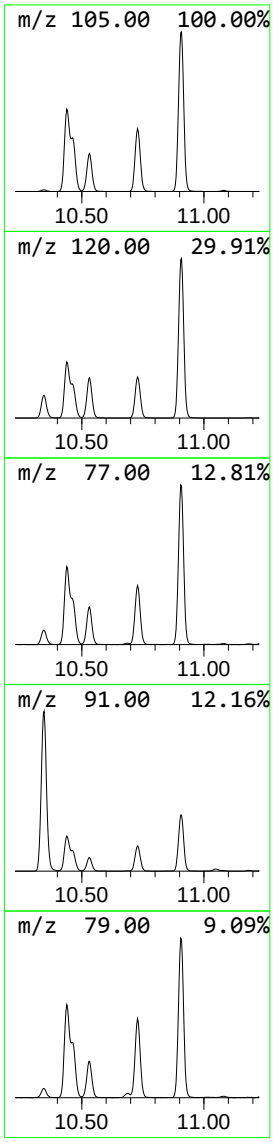
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-ethyl-4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.728	22.76 ug/L	3417930	1,4-Dichlorobenzene-d4	11.239

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	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101422\
Data File : VV028555.D
Acq On : 14 Oct 2022 18:02
Operator : SY/MD
Sample : N5109-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05

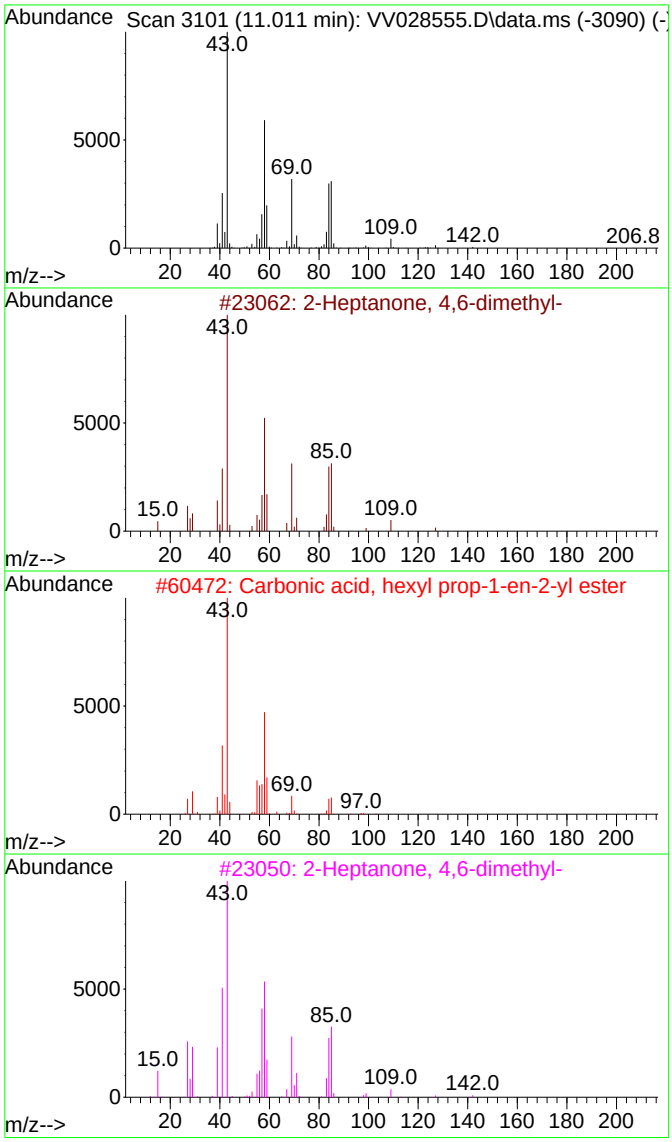
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0

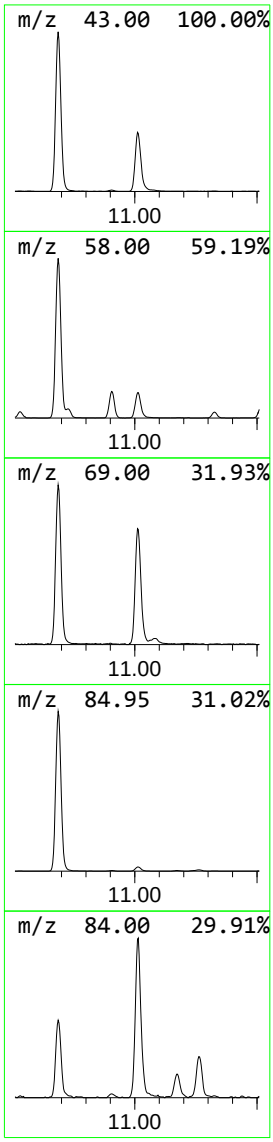
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 2-Heptanone, 4,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.011	3.94 ug/L	591595	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	90
2	Carbonic acid, hexyl prop-1-en-2...	186	C10H18O3	1000382-54-2	64
3	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	64
4	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	50
5	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101422\
Data File : VV028555.D
Acq On : 14 Oct 2022 18:02
Operator : SY/MD
Sample : N5109-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05

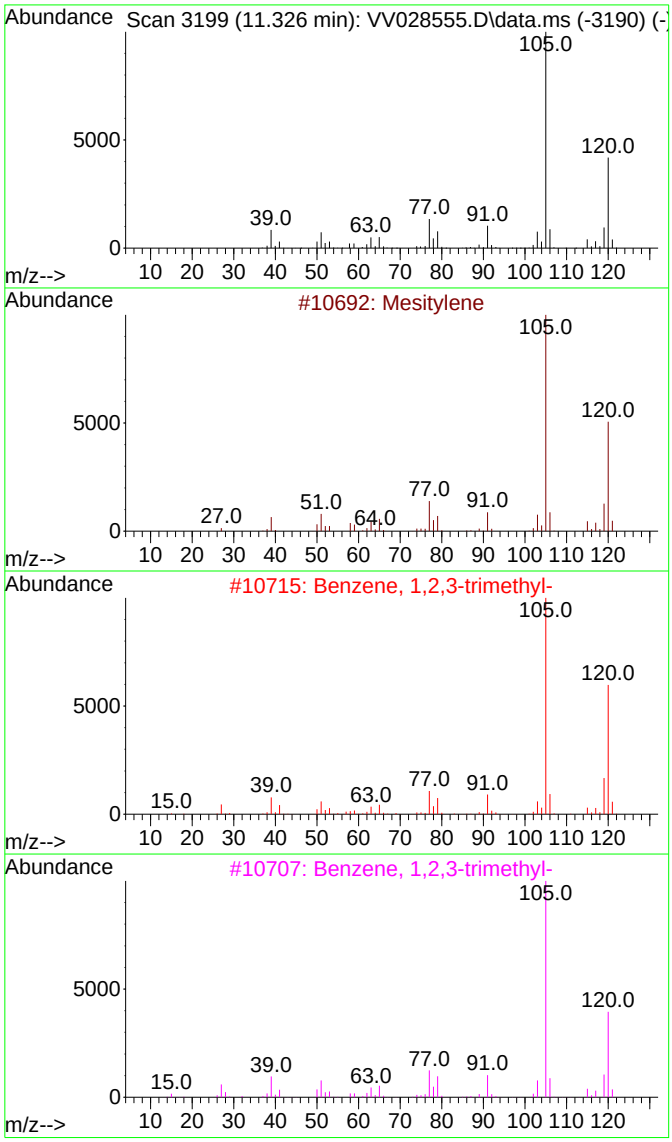
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0

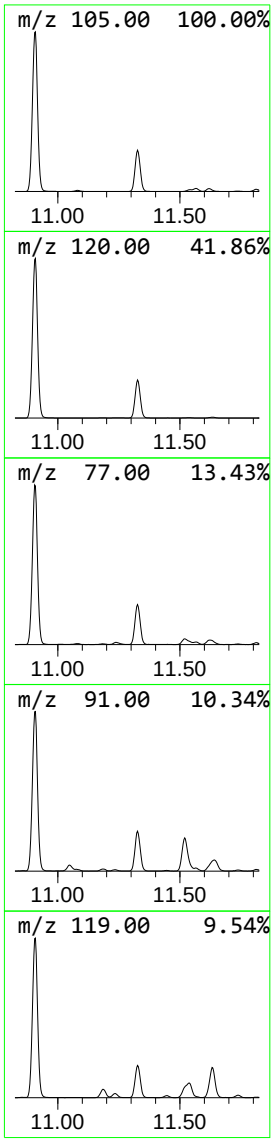
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.326	15.94 ug/L	2393340	1,4-Dichlorobenzene-d4	11.239

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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Mesitylene	120	C9H12	000108-67-8	93
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101422\
Data File : VV028555.D
Acq On : 14 Oct 2022 18:02
Operator : SY/MD
Sample : N5109-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05

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

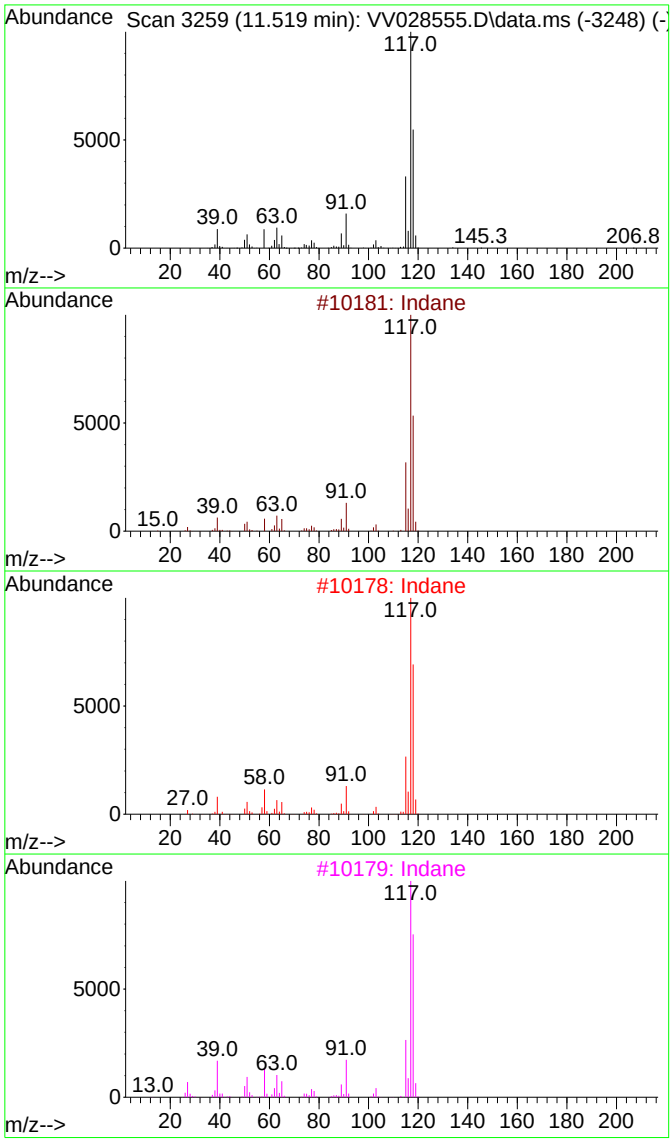
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

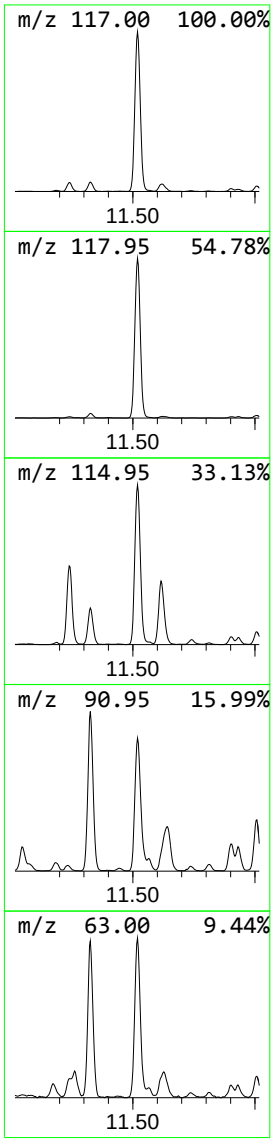
****

Peak Number 15 Indane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.519	10.55 ug/L	1584510	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	93
3	Indane	118	C9H10	000496-11-7	92
4	Indane	118	C9H10	000496-11-7	90
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101422\
Data File : VV028555.D
Acq On : 14 Oct 2022 18:02
Operator : SY/MD
Sample : N5109-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05

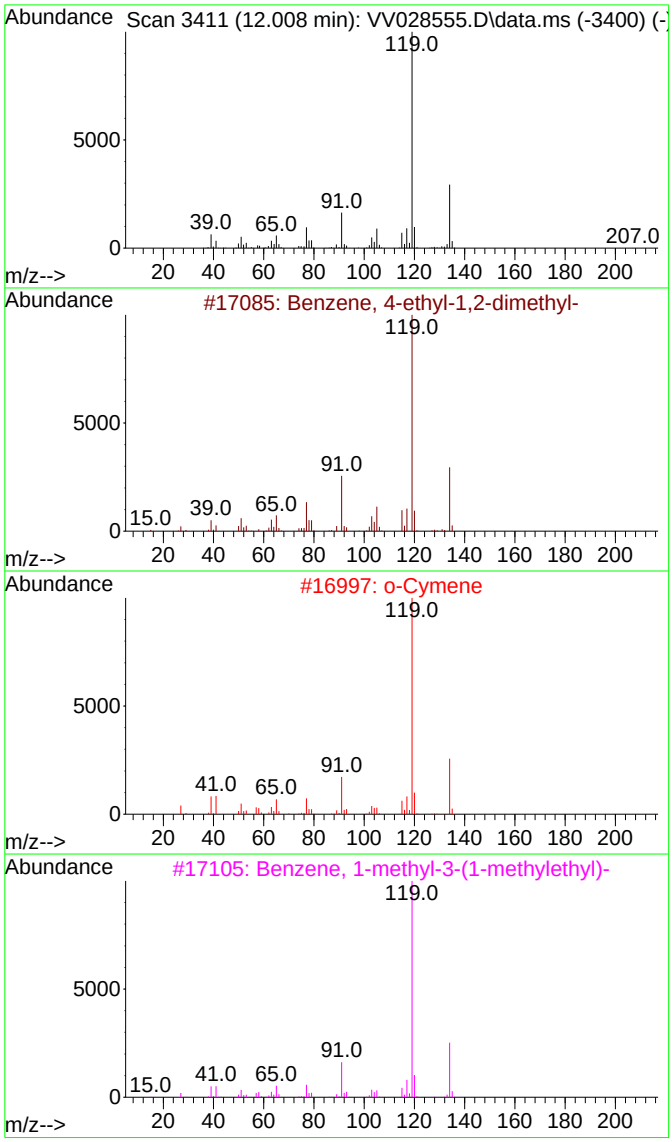
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0

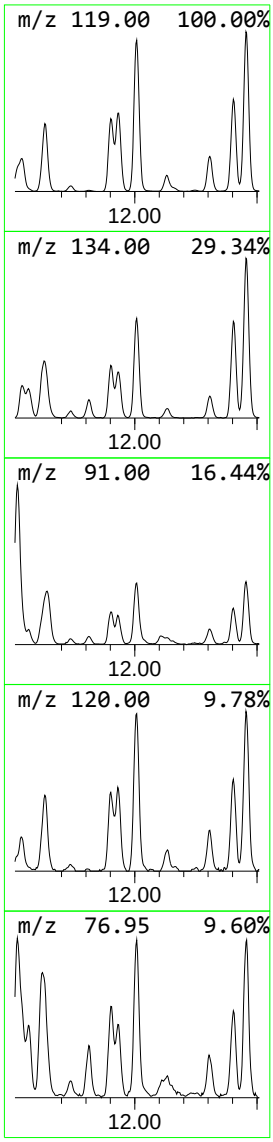
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.008	3.34 ug/L	501491	1,4-Dichlorobenzene-d4	11.239

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





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Data File : VV028555.D
Acq On : 14 Oct 2022 18:02
Operator : SY/MD
Sample : N5109-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05

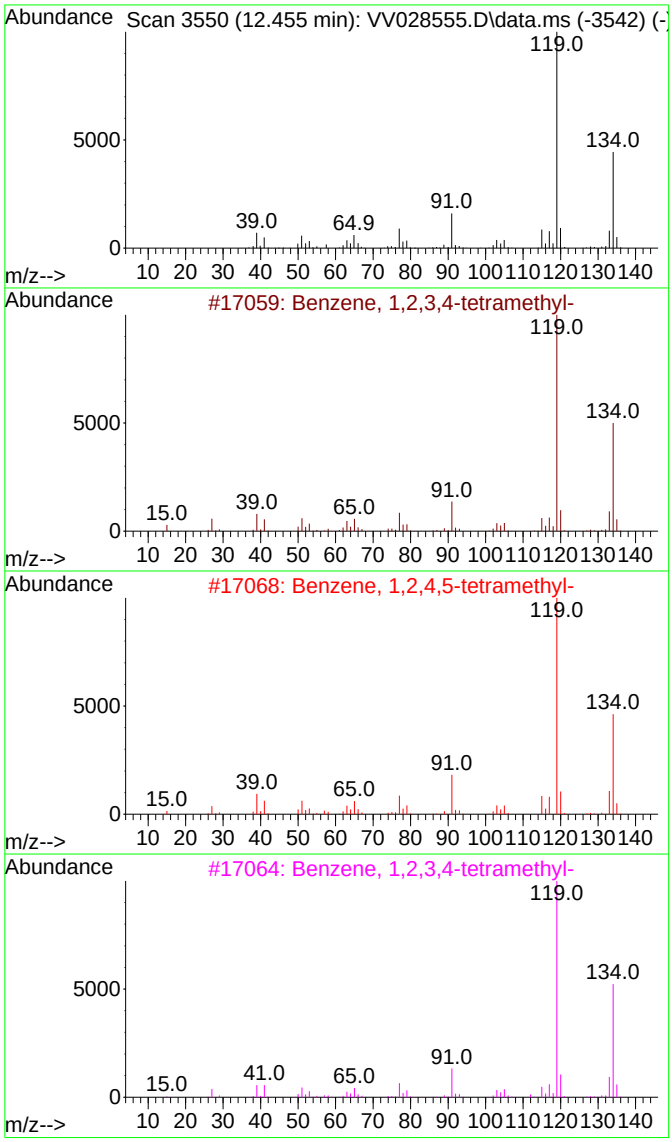
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0

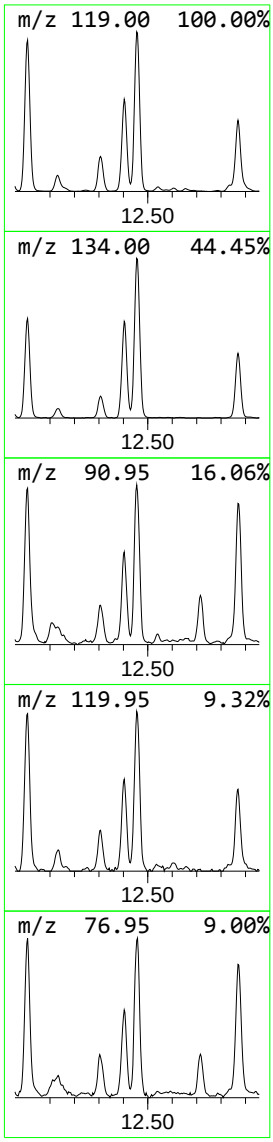
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.455	3.55 ug/L	532562	1,4-Dichlorobenzene-d4	11.239

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	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101422\
Data File : VV028555.D
Acq On : 14 Oct 2022 18:02
Operator : SY/MD
Sample : N5109-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05

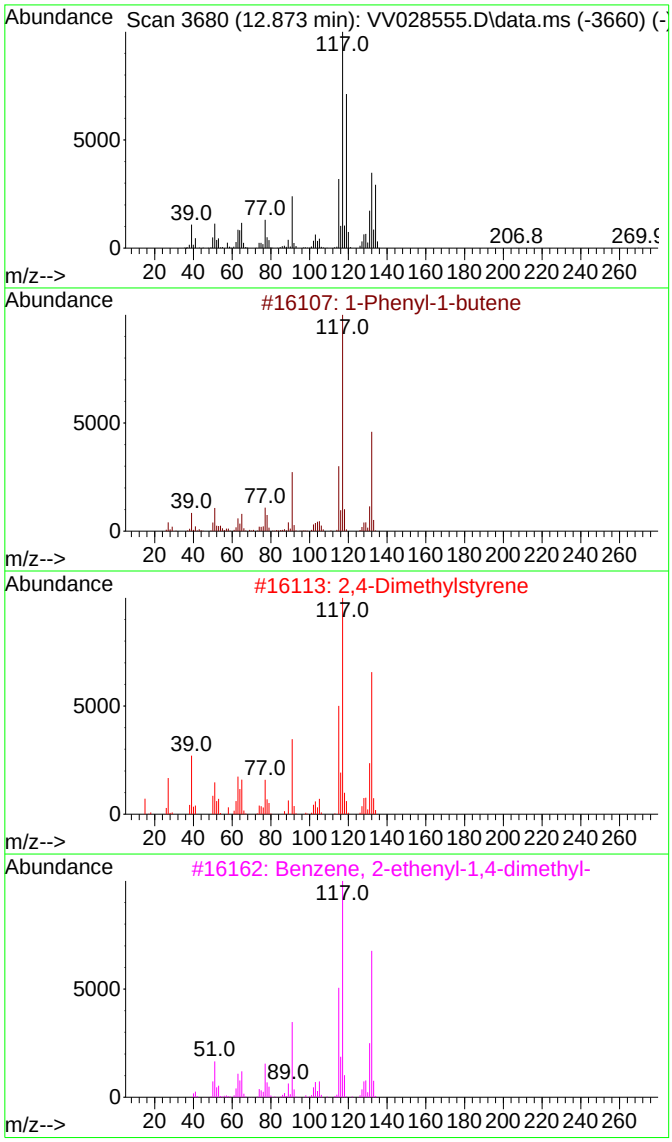
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0

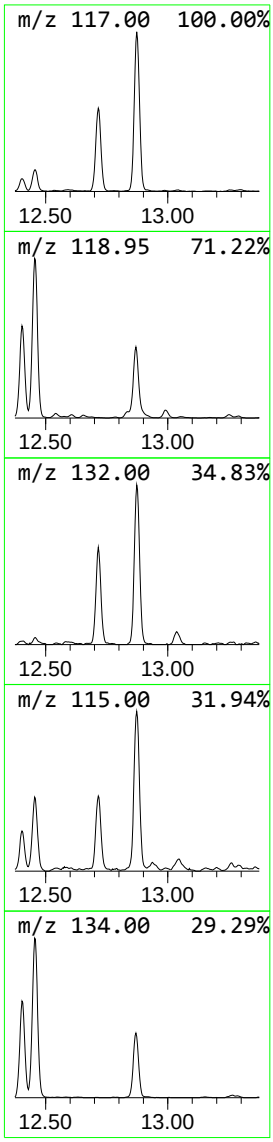
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1-Phenyl-1-butene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.873	4.04 ug/L	606952	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	95
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	91
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	90
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	89





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101422\
Data File : VV028555.D
Acq On : 14 Oct 2022 18:02
Operator : SY/MD
Sample : N5109-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05

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

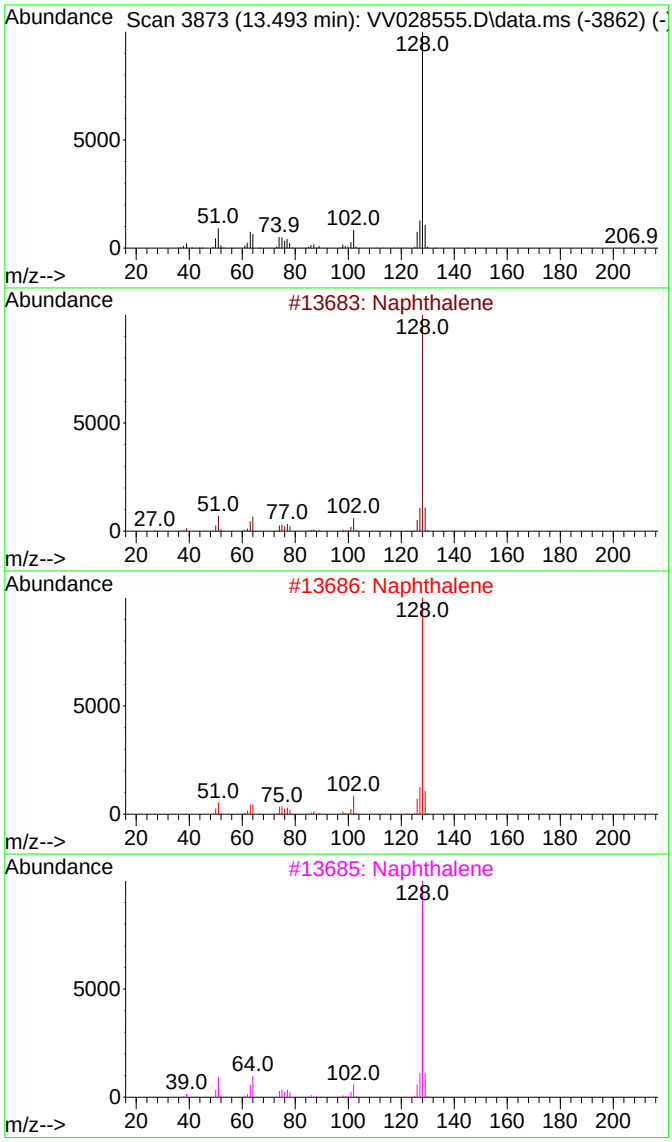
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

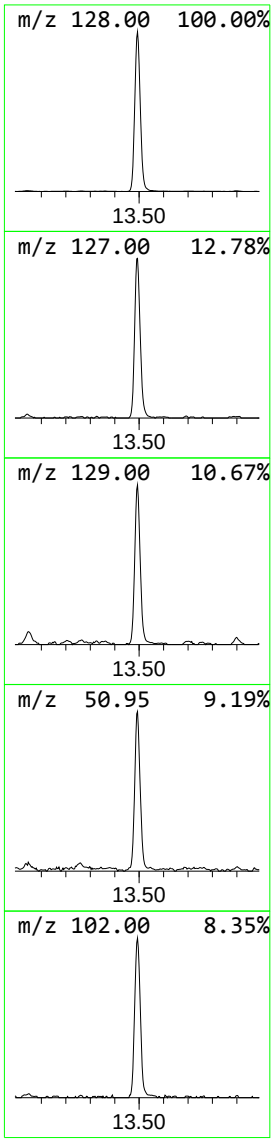
****

Peak Number 19 Azulene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.493	3.55 ug/L	532490	1,4-Dichlorobenzene-d4	11.239

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101422\
Data File : VV028555.D
Acq On : 14 Oct 2022 18:02
Operator : SY/MD
Sample : N5109-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ05

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...	2.529	97.0	ug/L	12053500	1	5.616	621084	5.0
(DEL) Alkane: S...	2.757	208.0	ug/L	25837800	1	5.616	621084	5.0
(DEL) Alkane: S...	3.037	145.0	ug/L	18011100	1	5.616	621084	5.0
(DEL) Alkane: S...	3.269	3.7	ug/L	463855	1	5.616	621084	5.0
(DEL) Alkane: S...	3.362	3.4	ug/L	419211	1	5.616	621084	5.0
(DEL) Alkane: S...	3.539	7.1	ug/L	877262	1	5.616	621084	5.0
(DEL) Alkane: S...	3.664	4.6	ug/L	574668	1	5.616	621084	5.0
(DEL) Alkane: C...	3.761	273.6	ug/L	33986600	1	5.616	621084	5.0
Benzene, propyl-	10.345	14.0	ug/L	2097690	3	11.239	750814	5.0
Benzene, 1-ethy...	10.439	32.7	ug/L	4914320	3	11.239	750814	5.0
4-Heptanone, 2,...	10.686	42.2	ug/L	6335120	3	11.239	750814	5.0
Benzene, 1-ethy...	10.728	22.8	ug/L	3417930	3	11.239	750814	5.0
2-Heptanone, 4,...	11.011	3.9	ug/L	591595	3	11.239	750814	5.0
Benzene, 1,2,3-...	11.326	15.9	ug/L	2393340	3	11.239	750814	5.0
Indane	11.519	10.6	ug/L	1584510	3	11.239	750814	5.0
Benzene, 4-ethy...	12.008	3.3	ug/L	501491	3	11.239	750814	5.0
Benzene, 1,2,3,...	12.455	3.5	ug/L	532562	3	11.239	750814	5.0
1-Phenyl-1-butene	12.873	4.0	ug/L	606952	3	11.239	750814	5.0
Azulene	13.493	3.5	ug/L	532490	3	11.239	750814	5.0