LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092822\
Data File : VV028156.D
Acq On : 28 Sep 2022 14:00
Operator : SY/MD
Sample : N4820-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8P1

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\SFAMVTR092222WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV028156.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.298	72	80	92	rVB	89470	103559	1.94%	0.507%
2	1.410	101	115	125	rBV	631314	734843	13.75%	3.600%
3	1.561	155	162	173	rVB	75736	90209	1.69%	0.442%
4	2.098	320	329	345	rVB	146113	220199	4.12%	1.079%
5	2.767	524	537	558	rBV2	32296	74500	1.39%	0.365%
6	3.931	878	899	955	rBV3	127717	756550	14.16%	3.706%
7	4.346	1012	1028	1074	rVB	118587	343597	6.43%	1.683%
8	5.043	1229	1245	1277	rBV2	244070	653349	12.22%	3.201%
9	5.323	1321	1332	1359	rBV5	28583	76919	1.44%	0.377%
10	5.616	1411	1423	1449	rBV	188337	384359	7.19%	1.883%
11	6.066	1551	1563	1575	rBV2	145210	307139	5.75%	1.505%
12	6.986	1837	1849	1873	rBV	69281	133258	2.49%	0.653%
13	7.314	1940	1951	1968	rVB	249636	429490	8.04%	2.104%
14	7.622	2037	2047	2067	rBV2	40370	95258	1.78%	0.467%
15	7.937	2134	2145	2166	rVB3	45629	88417	1.65%	0.433%
16	8.088	2180	2192	2221	rBV	364992	719541	13.46%	3.525%
17	8.233	2224	2237	2264	rVB3	104965	315863	5.91%	1.547%
18	8.876	2418	2437	2463	rBV	3043945	5344747	100.00%	26.182%
19	9.143	2500	2520	2530	rBV10	35509	99028	1.85%	0.485%
20	9.474	2607	2623	2637	rBV7	31138	76505	1.43%	0.375%
21	9.706	2678	2695	2705	rBV3	71933	138957	2.60%	0.681%
22	9.796	2705	2723	2733	rBV6	71741	165736	3.10%	0.812%
23	9.928	2751	2764	2773	rBV	115202	189580	3.55%	0.929%
24	10.014	2784	2791	2802	rVB2	42309	69744	1.30%	0.342%
25	10.124	2819	2825	2834	rVB3	40006	59426	1.11%	0.291%
26	10.214	2846	2853	2870	rVB2	133489	289378	5.41%	1.418%
27	10.387	2891	2907	2918	rBV6	94126	206013	3.85%	1.009%
28	10.448	2919	2926	2935	rVB5	43967	78510	1.47%	0.385%
29	10.506	2936	2944	2952	rBV2	68039	112056	2.10%	0.549%
30	10.564	2953	2962	2972	rVB6	85234	141993	2.66%	0.696%
31	10.731	3005	3014	3020	rBV7	34228	64276	1.20%	0.315%
32	10.873	3050	3058	3065	rVV4	90306	152398	2.85%	0.747%
33	10.911	3066	3070	3078	rVB2	51506	70324	1.32%	0.344%
34	11.053	3099	3114	3118	rBV4	84587	214901	4.02%	1.053%
35	11.085	3119	3124	3134	rVV2	136948	237184	4.44%	1.162%
36	11.146	3134	3143	3150	rVV3	139943	245734	4.60%	1.204%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092822\
Data File : VV028156.D
Acq On : 28 Sep 2022 14:00
Operator : SY/MD
Sample : N4820-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8P1

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\SFAMVTR092222WMA.M
Title : TRACE VOA SFAM1.0

37	11.182	3150	3154	3164	rVV2	75099	128801	2.41%	0.631%
38	11.246	3165	3174	3192	rVB2	380933	802252	15.01%	3.930%
39	11.387	3209	3218	3224	rBV3	86931	149677	2.80%	0.733%
40	11.423	3224	3229	3235	rVB	56053	76820	1.44%	0.376%
41	11.542	3253	3266	3278	rBV5	225166	505944	9.47%	2.478%
42	11.619	3279	3290	3312	rVB2	408967	861839	16.12%	4.222%
43	12.011	3397	3412	3430	rBV	441516	780473	14.60%	3.823%
44	12.111	3435	3443	3455	rVV2	166258	266243	4.98%	1.304%
45	12.249	3476	3486	3494	rBV8	50414	106806	2.00%	0.523%
46	12.294	3495	3500	3512	rVB2	49152	73723	1.38%	0.361%
47	12.410	3517	3536	3546	rVV	553500	894962	16.74%	4.384%
48	12.471	3548	3555	3565	rVB9	33106	61543	1.15%	0.301%
49	12.545	3572	3578	3586	rVB2	49890	72771	1.36%	0.356%
50	12.599	3586	3595	3601	rVV4	38361	67939	1.27%	0.333%
51	12.670	3603	3617	3625	rVV5	51833	156993	2.94%	0.769%
52	12.718	3625	3632	3648	rVB2	134468	214372	4.01%	1.050%
53	12.876	3669	3681	3692	rBV2	417037	668328	12.50%	3.274%
54	13.265	3794	3802	3810	rBV2	101885	158319	2.96%	0.776%
55	13.394	3838	3842	3858	rVB2	48260	80003	1.50%	0.392%
56	13.706	3935	3939	3951	rVB6	31394	58714	1.10%	0.288%
57	13.908	3996	4002	4017	rVB7	25904	57679	1.08%	0.283%
58	14.091	4049	4059	4070	rBV5	42816	99541	1.86%	0.488%
59	14.226	4094	4101	4111	rVB	62516	93726	1.75%	0.459%
60	14.288	4113	4120	4133	rVB3	36175	63439	1.19%	0.311%
61	14.824	4277	4287	4296	rVB6	30602	58233	1.09%	0.285%
62	15.664	4542	4548	4562	rVB4	32583	56849	1.06%	0.278%
63	15.805	4584	4592	4601	rBV	78211	113905	2.13%	0.558%
64	16.175	4700	4707	4717	rVB3	38439	58230	1.09%	0.285%
65	16.477	4793	4801	4813	rVB	92454	142028	2.66%	0.696%

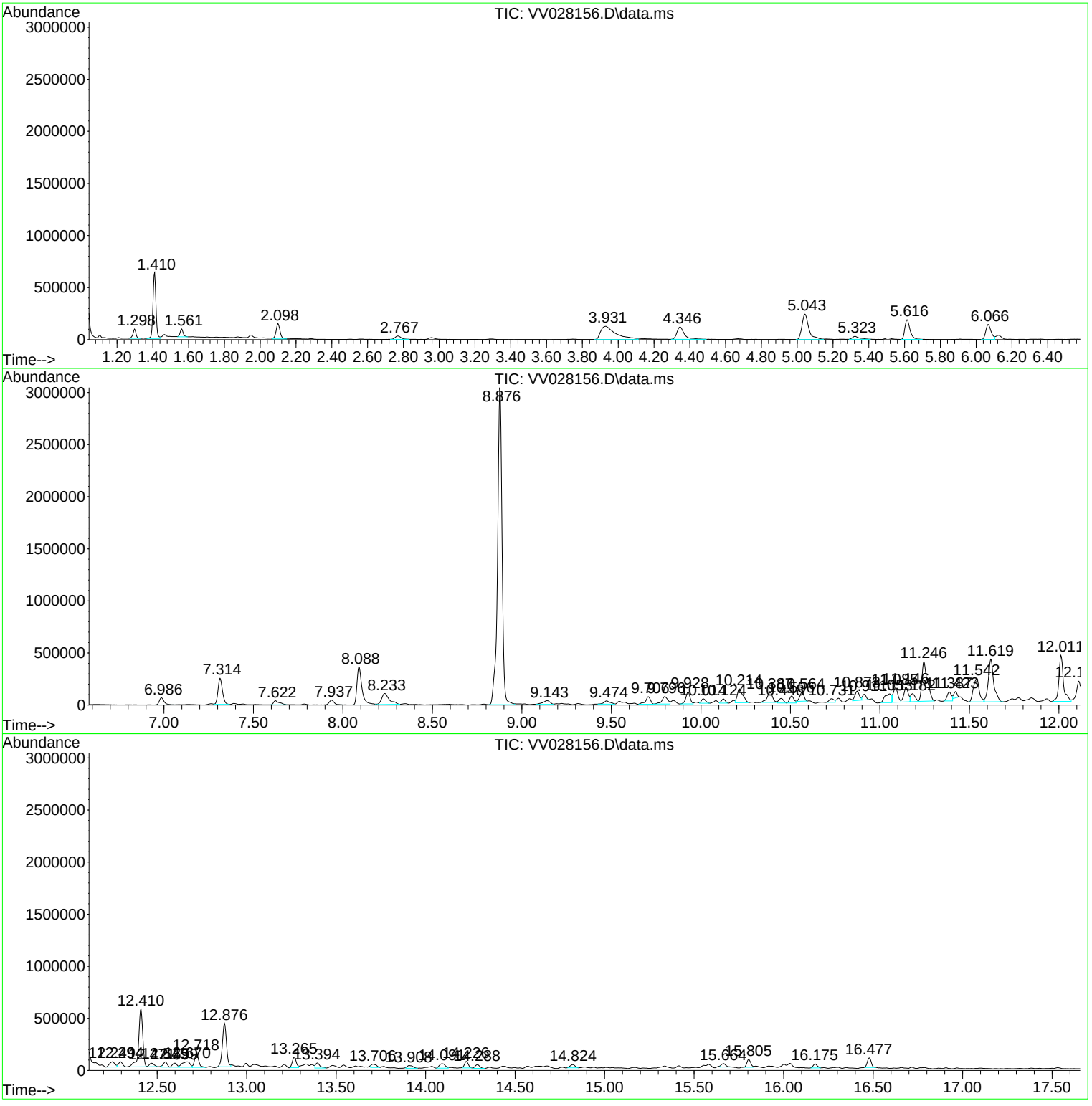
Sum of corrected areas: 20413692

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092822\
Data File : VV028156.D
Acq On : 28 Sep 2022 14:00
Operator : SY/MD
Sample : N4820-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8P1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.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\VV092822\
Data File : VV028156.D
Acq On : 28 Sep 2022 14:00
Operator : SY/MD
Sample : N4820-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8P1

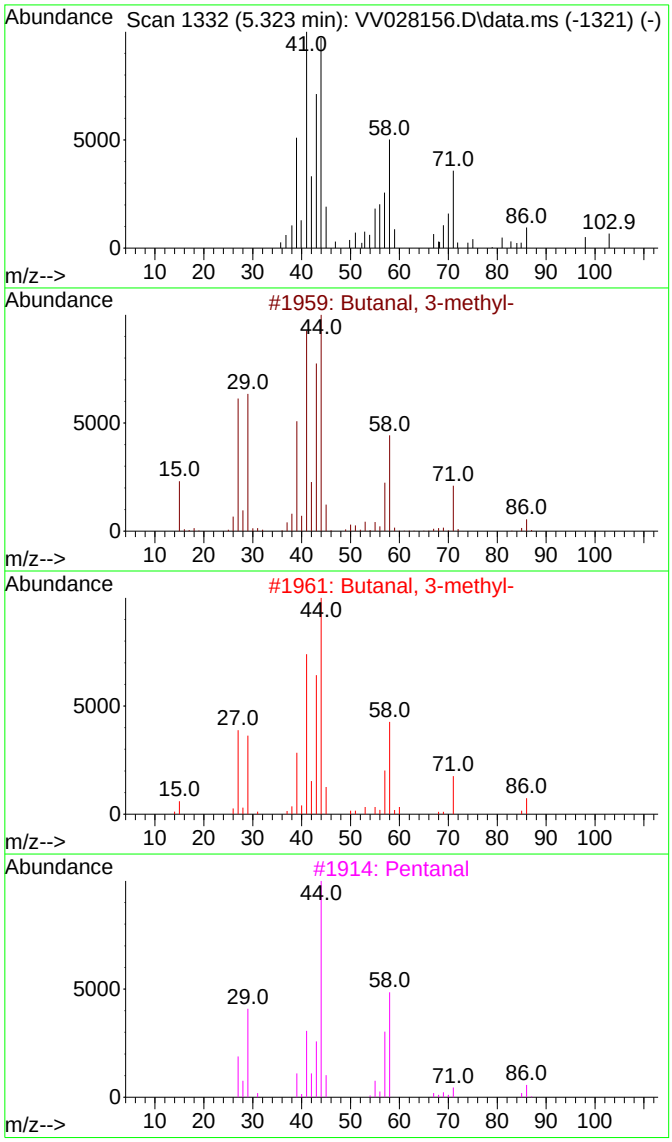
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

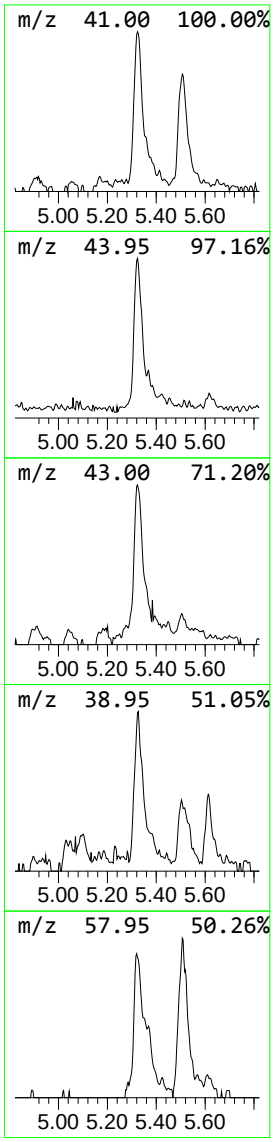
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butanal, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.323	1.00 ug/L	76919	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal, 3-methyl-	86	C5H10O	000590-86-3	83
2	Butanal, 3-methyl-	86	C5H10O	000590-86-3	49
3	Pentanal	86	C5H10O	000110-62-3	43
4	Butanal, 3-methyl-	86	C5H10O	000590-86-3	43
5	N-Methylallylamine	71	C4H9N	000627-37-2	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092822\
Data File : VV028156.D
Acq On : 28 Sep 2022 14:00
Operator : SY/MD
Sample : N4820-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8P1

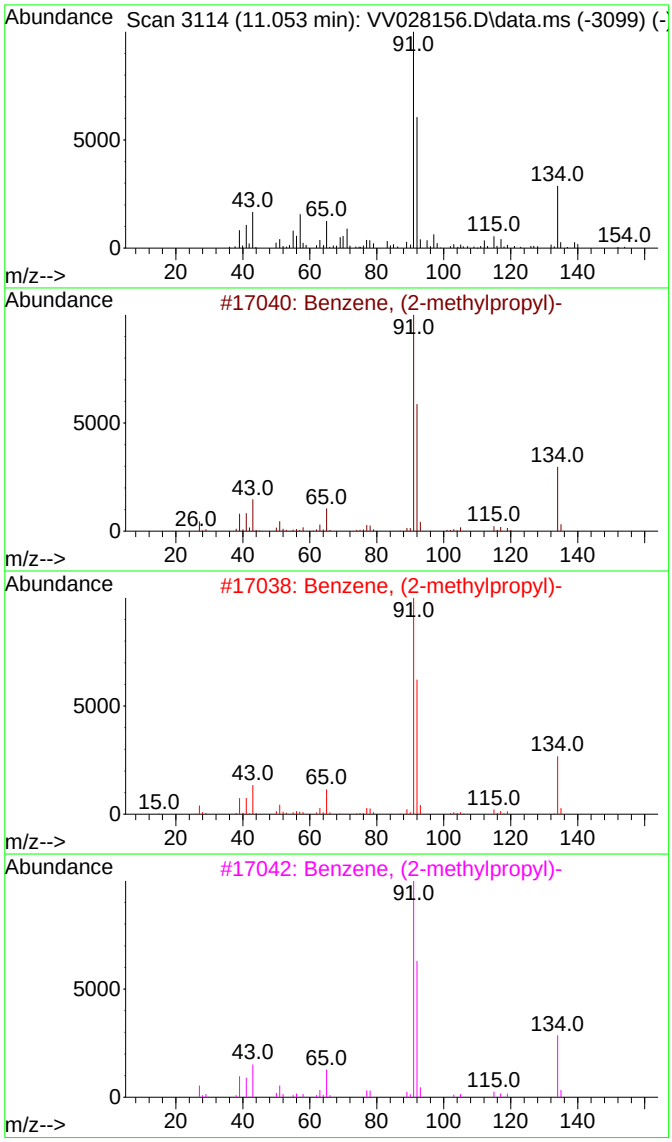
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

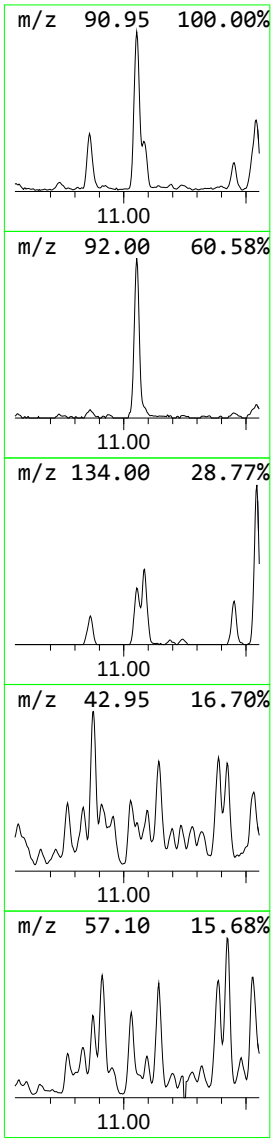
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, (2-methylpropyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.053	1.34 ug/L	214901	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	70
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	70
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	70
4	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	62
5	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092822\
Data File : VV028156.D
Acq On : 28 Sep 2022 14:00
Operator : SY/MD
Sample : N4820-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8P1

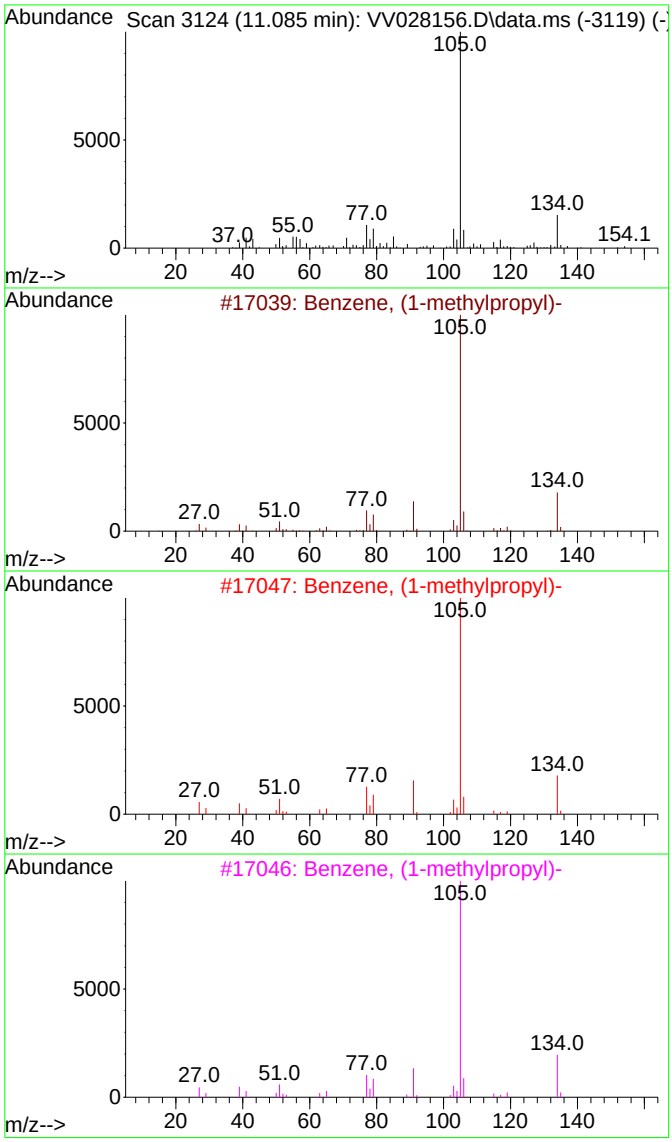
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

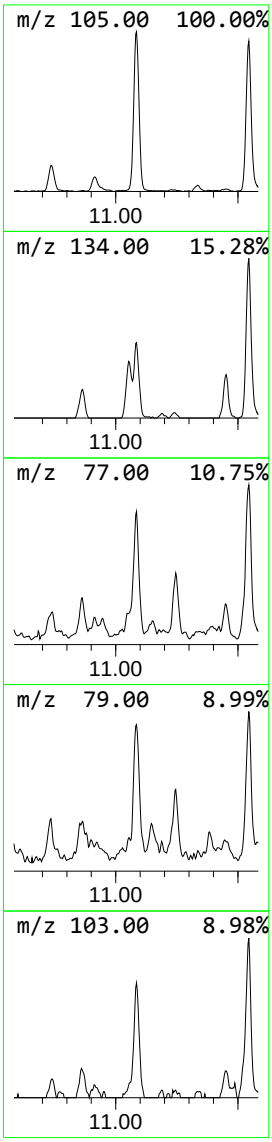
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, (1-methylpropyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.085	1.48 ug/L	237184	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	80
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	74
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	72
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	64
5	Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092822\
Data File : VV028156.D
Acq On : 28 Sep 2022 14:00
Operator : SY/MD
Sample : N4820-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8P1

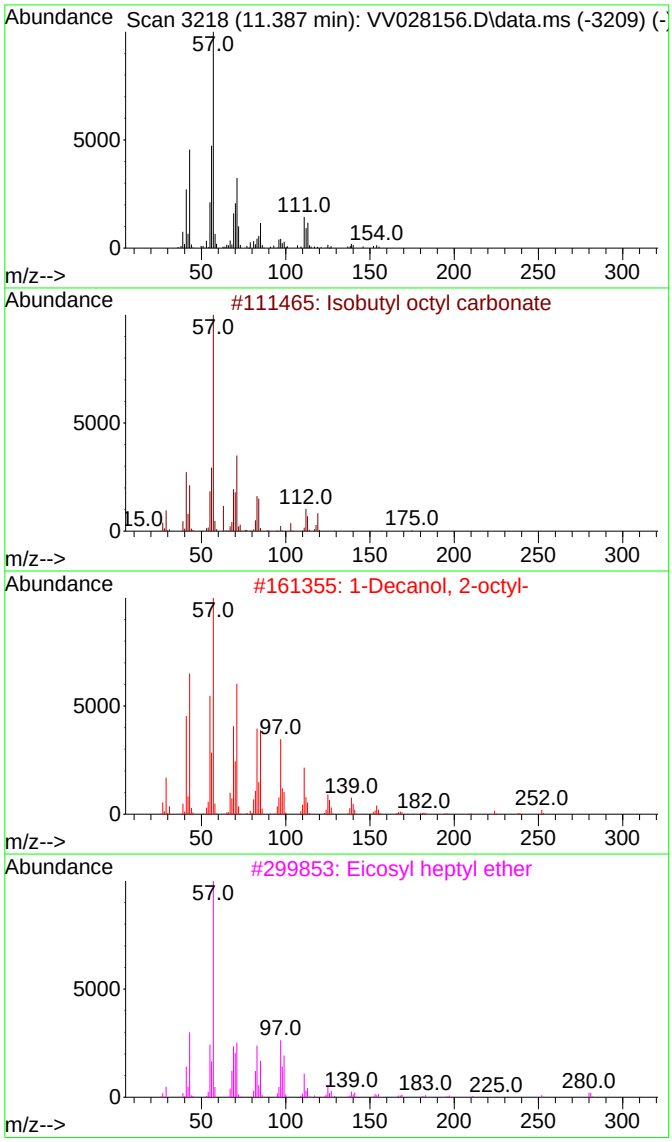
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

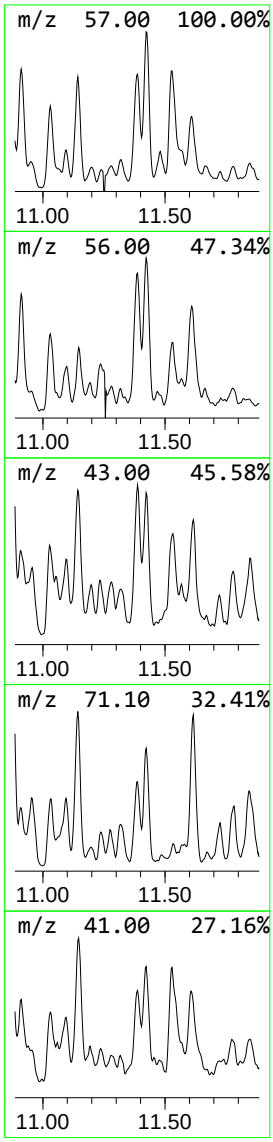
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Isobutyl octyl carbonate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.387	0.93 ug/L	149677	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutyl octyl carbonate	230	C13H26O3	1010372-74-6	53
2	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	43
3	Eicosyl heptyl ether	396	C27H56O	1000406-39-6	43
4	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	38
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092822\
Data File : VV028156.D
Acq On : 28 Sep 2022 14:00
Operator : SY/MD
Sample : N4820-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8P1

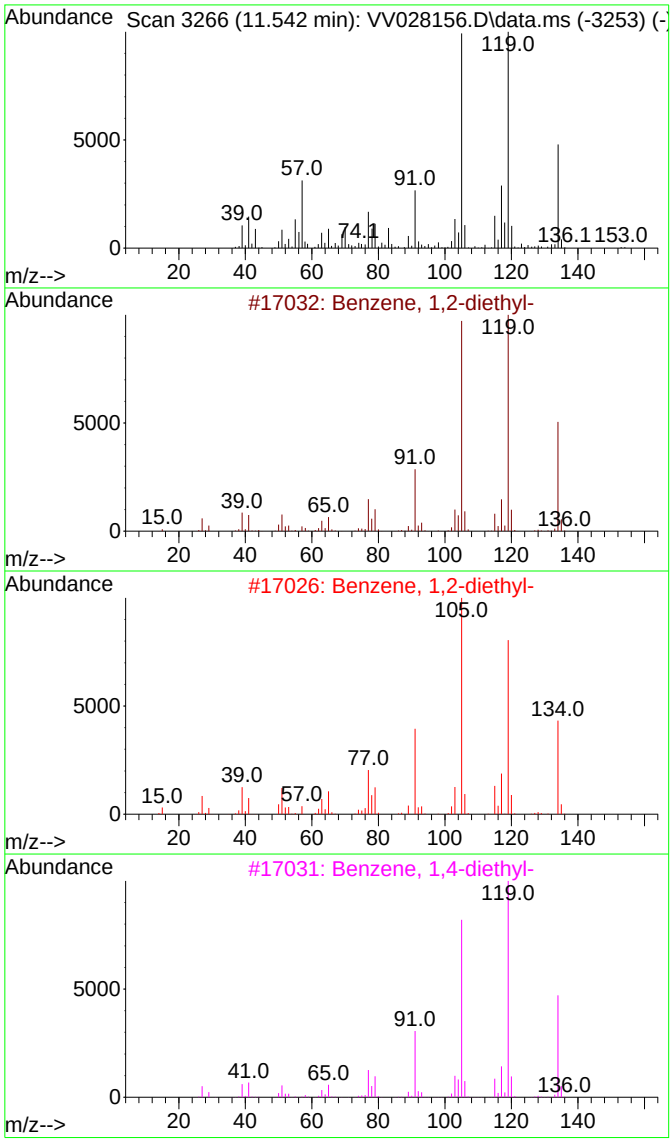
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

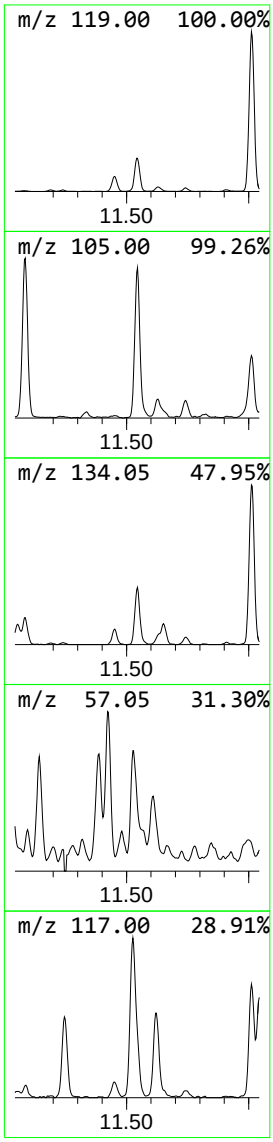
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,2-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.542	3.15 ug/L	505944	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092822\
Data File : VV028156.D
Acq On : 28 Sep 2022 14:00
Operator : SY/MD
Sample : N4820-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8P1

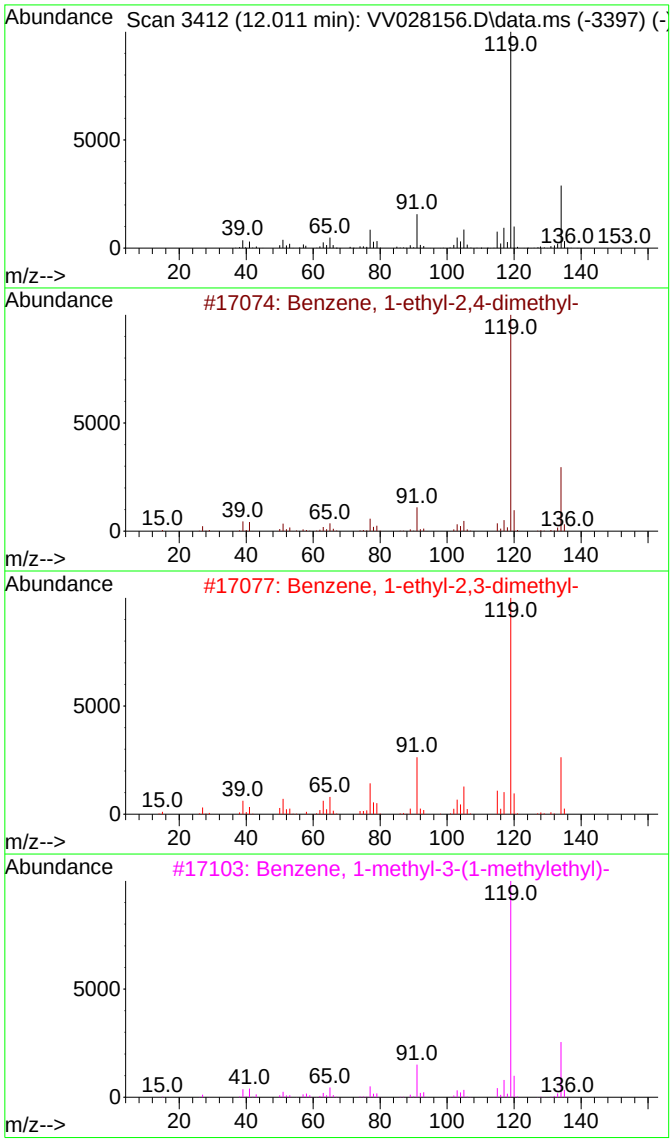
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

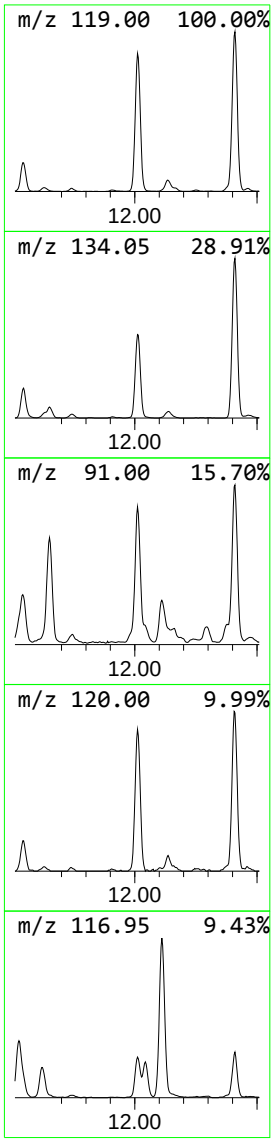
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.011	4.86 ug/L	780473	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092822\
Data File : VV028156.D
Acq On : 28 Sep 2022 14:00
Operator : SY/MD
Sample : N4820-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8P1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

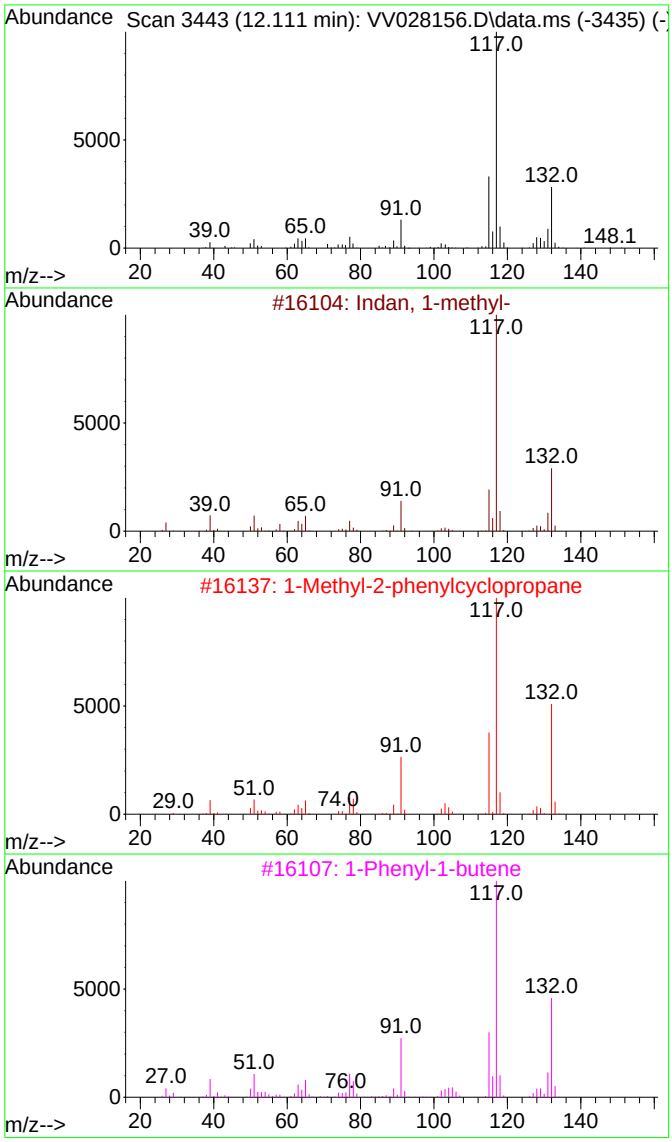
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

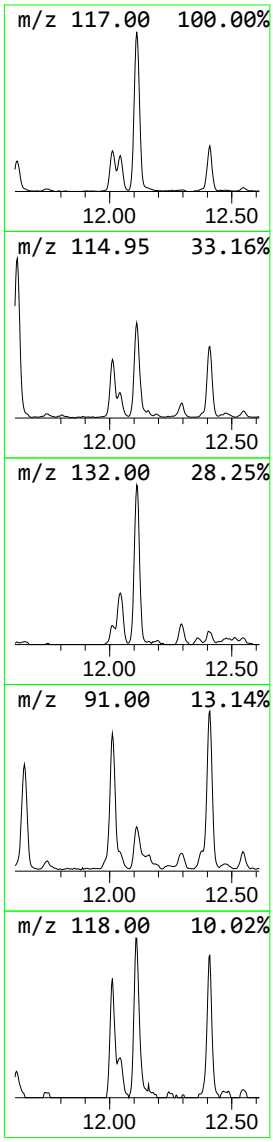
****

Peak Number 10 Indan, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.111	1.66 ug/L	266243	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	90
2	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	90
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	72





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Data File : VV028156.D
Acq On : 28 Sep 2022 14:00
Operator : SY/MD
Sample : N4820-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8P1

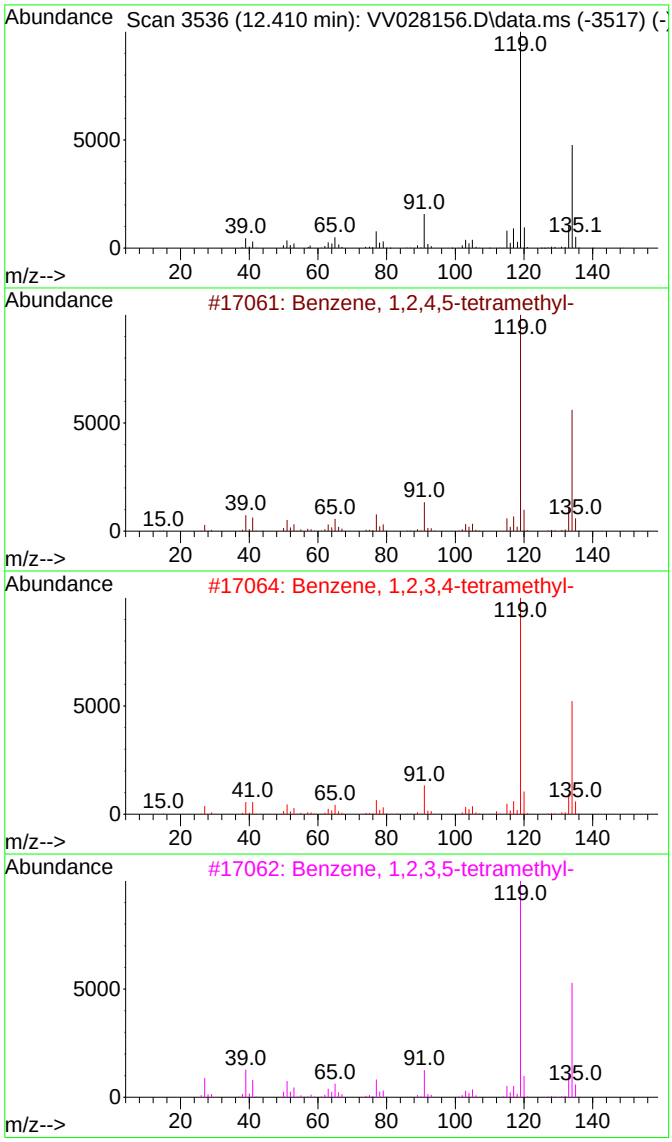
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

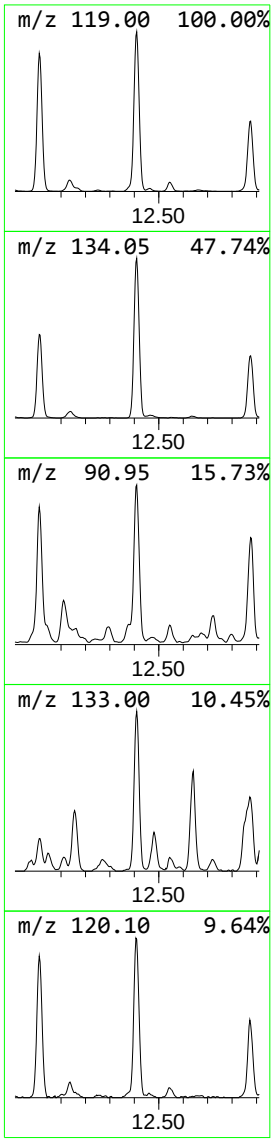
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	5.58 ug/L	894962	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092822\
Data File : VV028156.D
Acq On : 28 Sep 2022 14:00
Operator : SY/MD
Sample : N4820-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8P1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

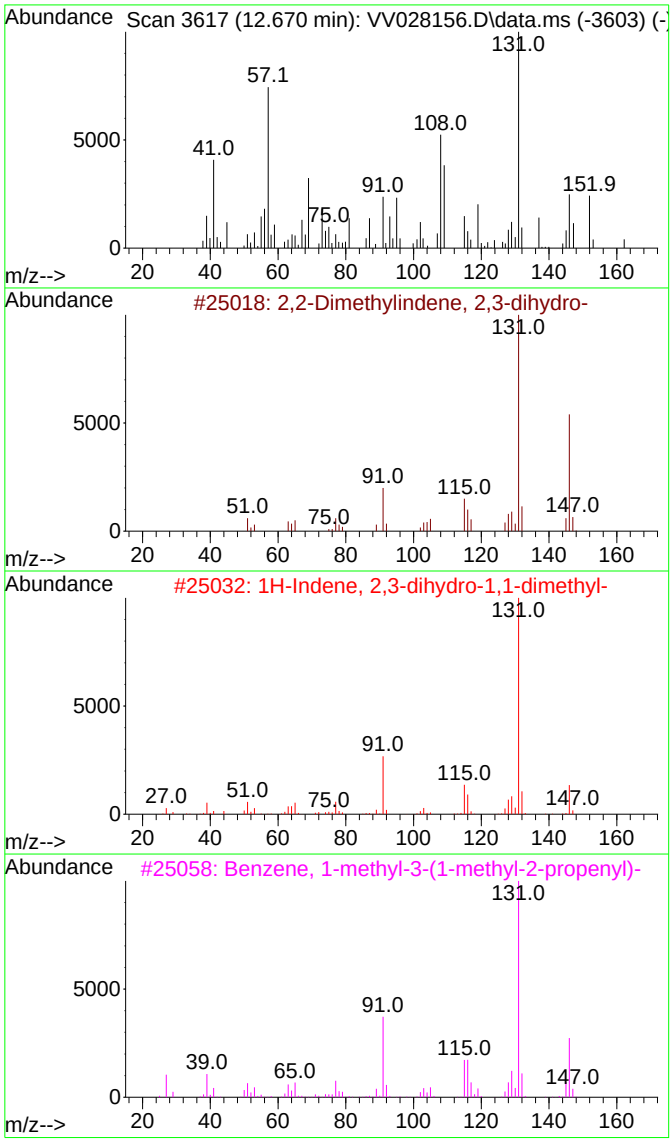
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

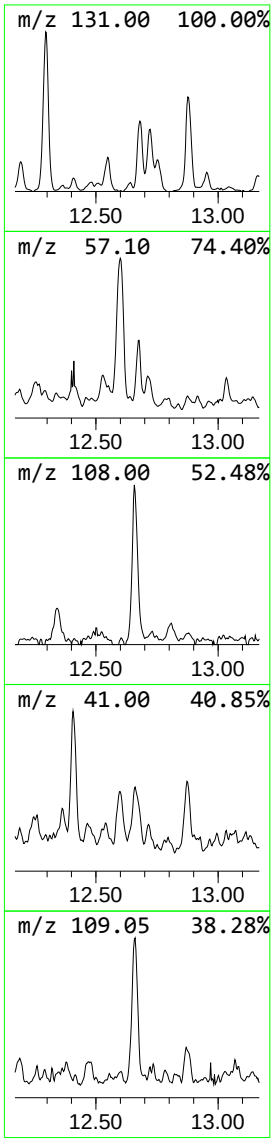
****

Peak Number 13 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.670	0.98 ug/L	156993	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	38
2	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	38
3	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	38
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	38
5	1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	38





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Data File : VV028156.D
Acq On : 28 Sep 2022 14:00
Operator : SY/MD
Sample : N4820-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8P1

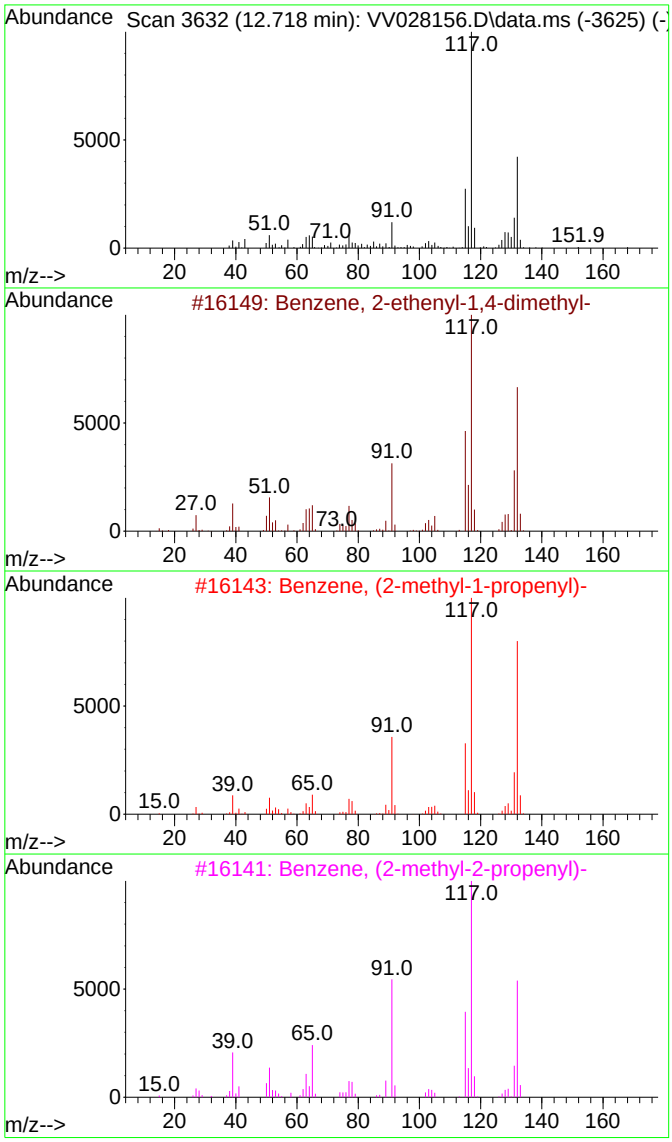
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

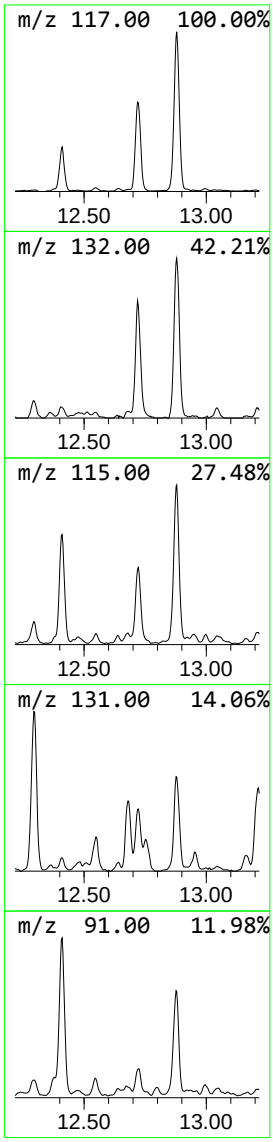
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.718	1.34 ug/L	214372	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	90
4	Indan, 1-methyl-	132	C10H12	000767-58-8	90
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092822\
Data File : VV028156.D
Acq On : 28 Sep 2022 14:00
Operator : SY/MD
Sample : N4820-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8P1

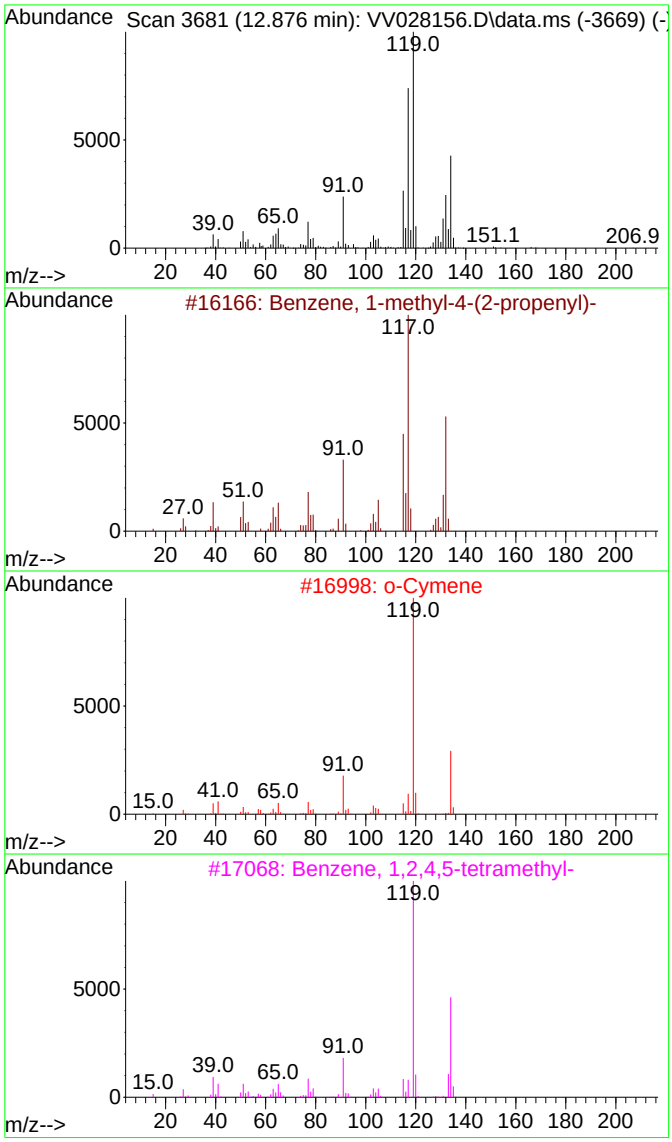
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

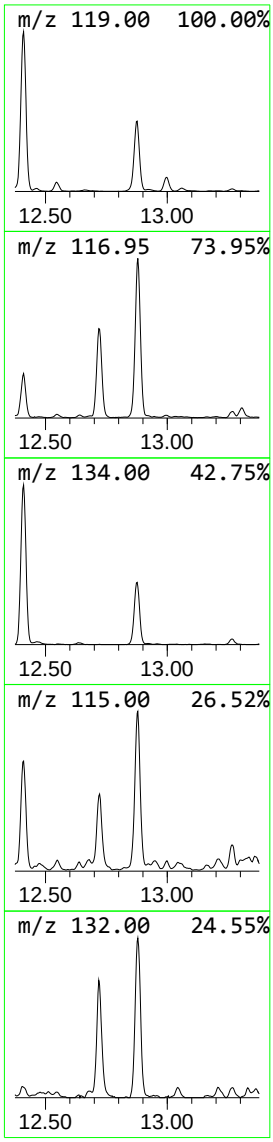
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-methyl-4-(2-prop... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.876	4.17 ug/L	668328	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
2	o-Cymene	134	C10H14	000527-84-4	55
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	55
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	50
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092822\
Data File : VV028156.D
Acq On : 28 Sep 2022 14:00
Operator : SY/MD
Sample : N4820-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8P1

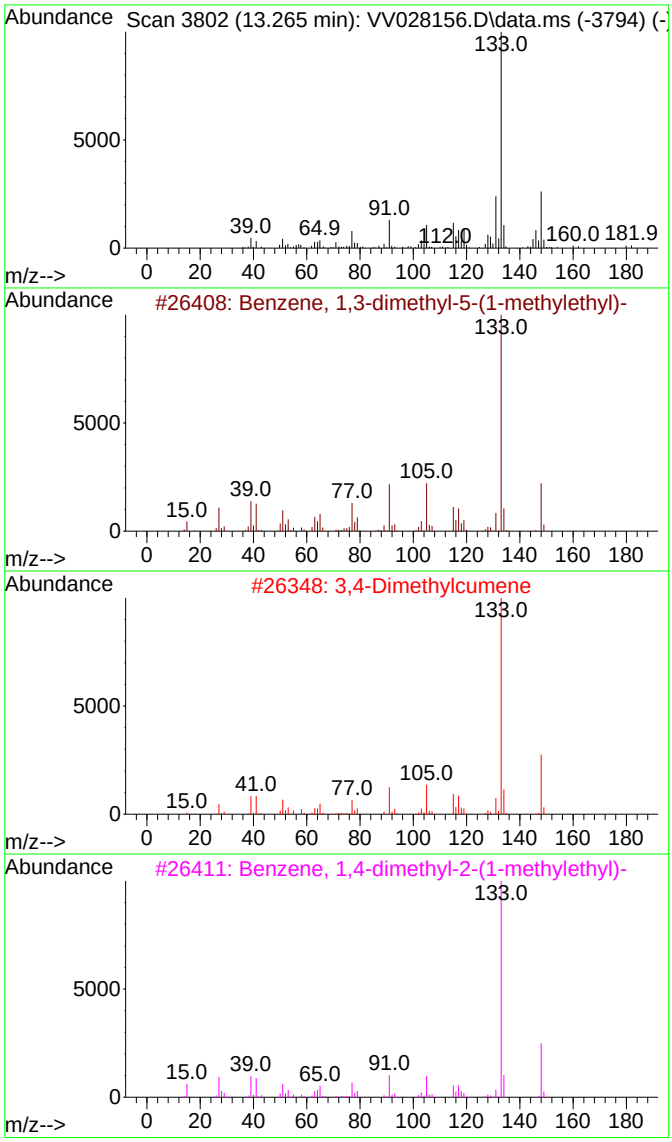
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

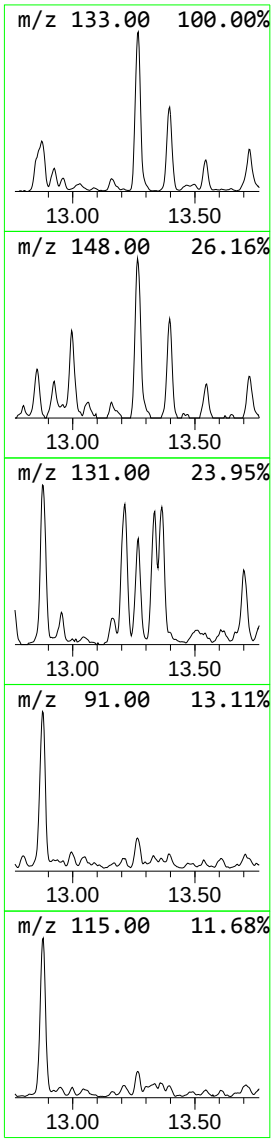
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.265	0.99 ug/L	158319	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	76
2	3,4-Dimethylcumene	148	C11H16	1000370-34-1	76
3	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	76
4	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	70
5	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092822\
Data File : VV028156.D
Acq On : 28 Sep 2022 14:00
Operator : SY/MD
Sample : N4820-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8P1

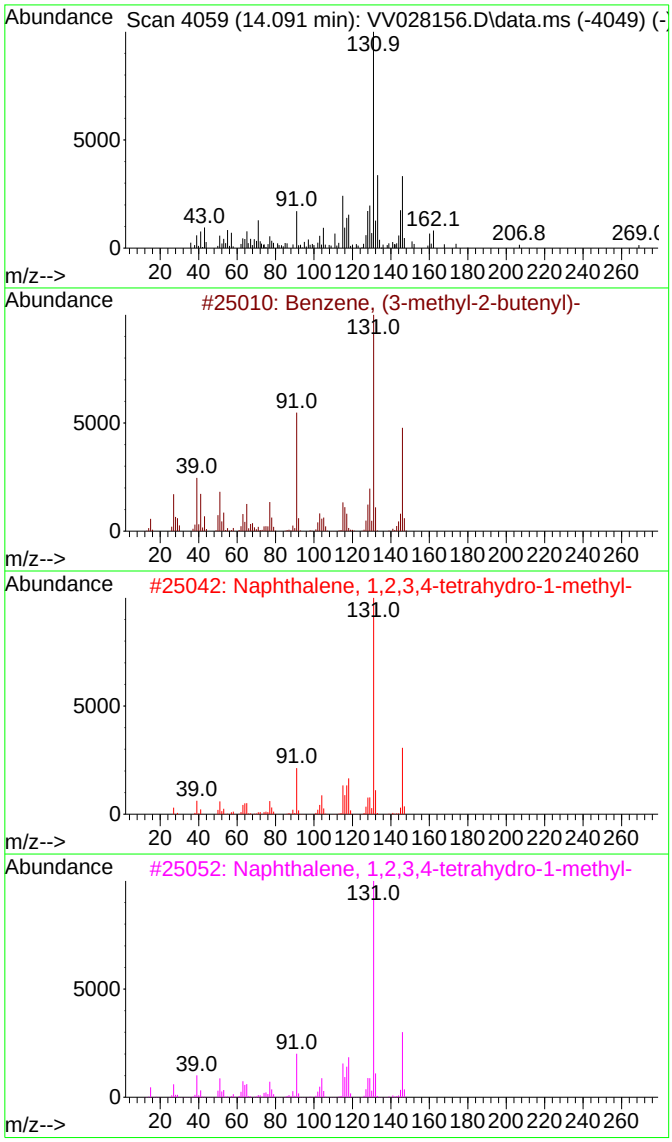
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

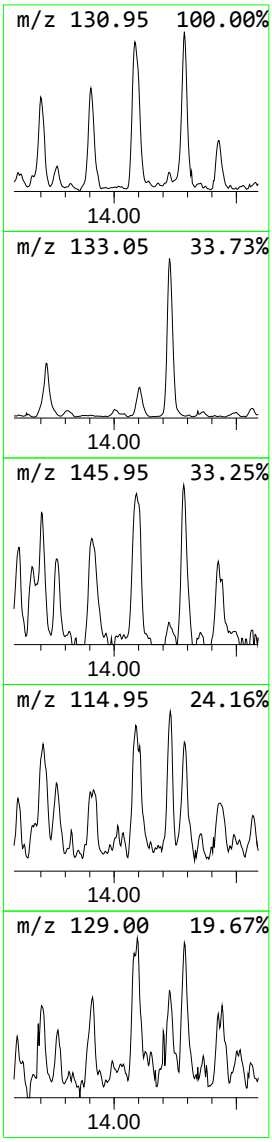
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, (3-methyl-2-butenyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.091	0.62 ug/L	99541	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	76
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	76
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	76
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092822\
Data File : VV028156.D
Acq On : 28 Sep 2022 14:00
Operator : SY/MD
Sample : N4820-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8P1

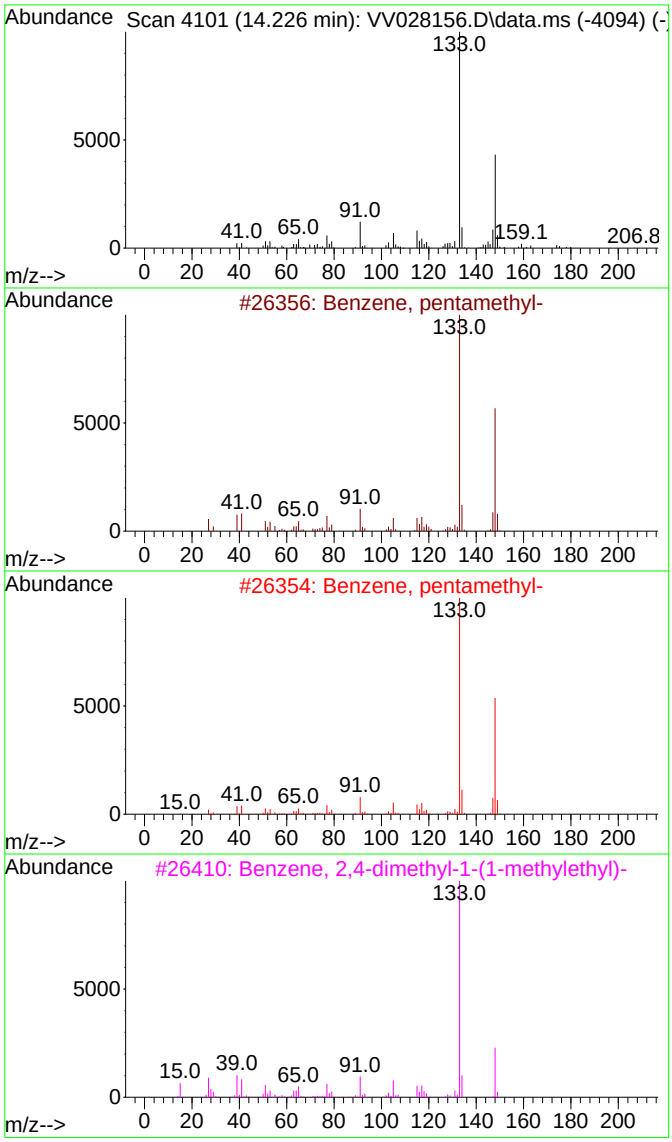
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

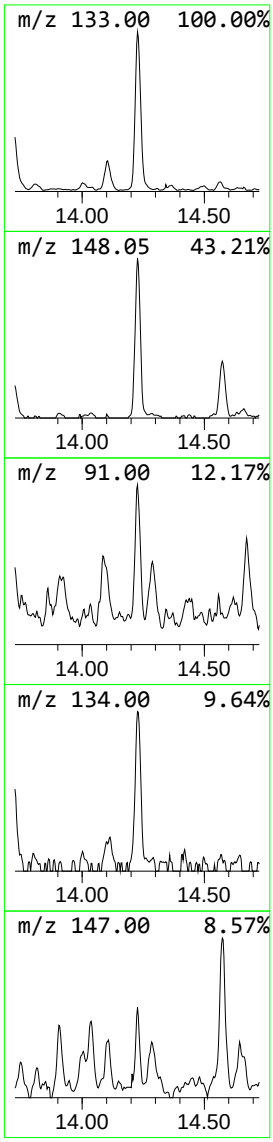
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, pentamethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.226	0.58 ug/L	93726	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	94
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	90
3	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	87
4	4-tert-Butyltoluene	148	C11H16	000098-51-1	80
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092822\
Data File : VV028156.D
Acq On : 28 Sep 2022 14:00
Operator : SY/MD
Sample : N4820-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8P1

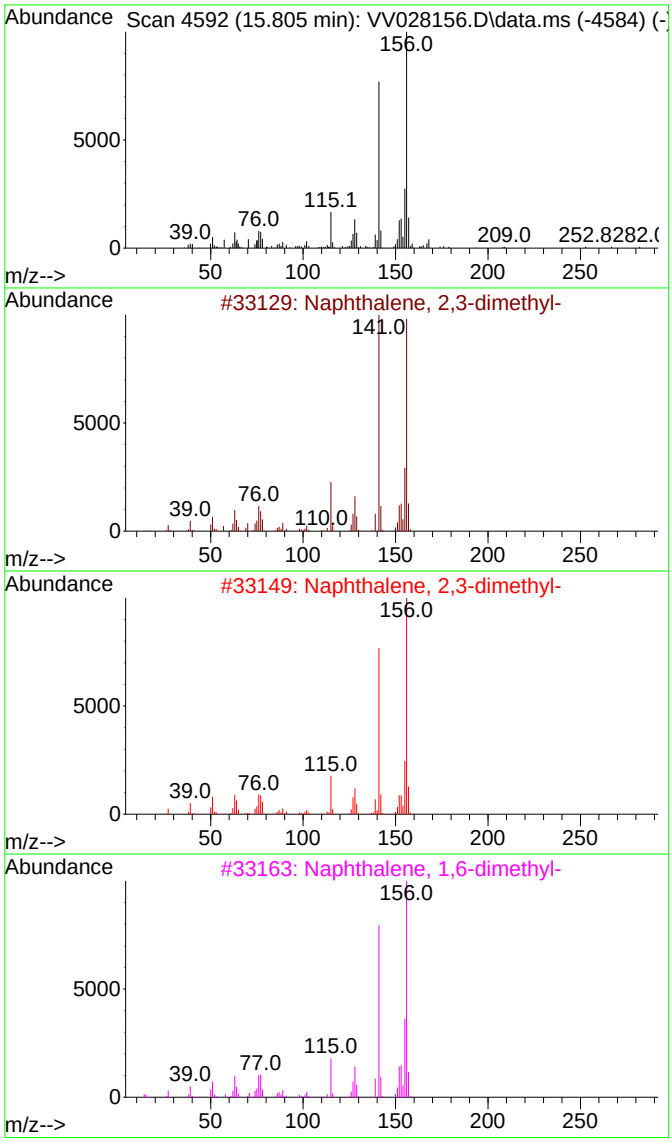
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

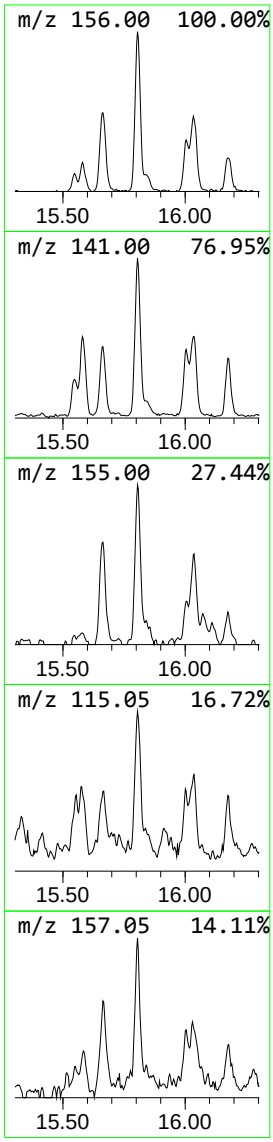
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.805	0.71 ug/L	113905	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092822\
Data File : VV028156.D
Acq On : 28 Sep 2022 14:00
Operator : SY/MD
Sample : N4820-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8P1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

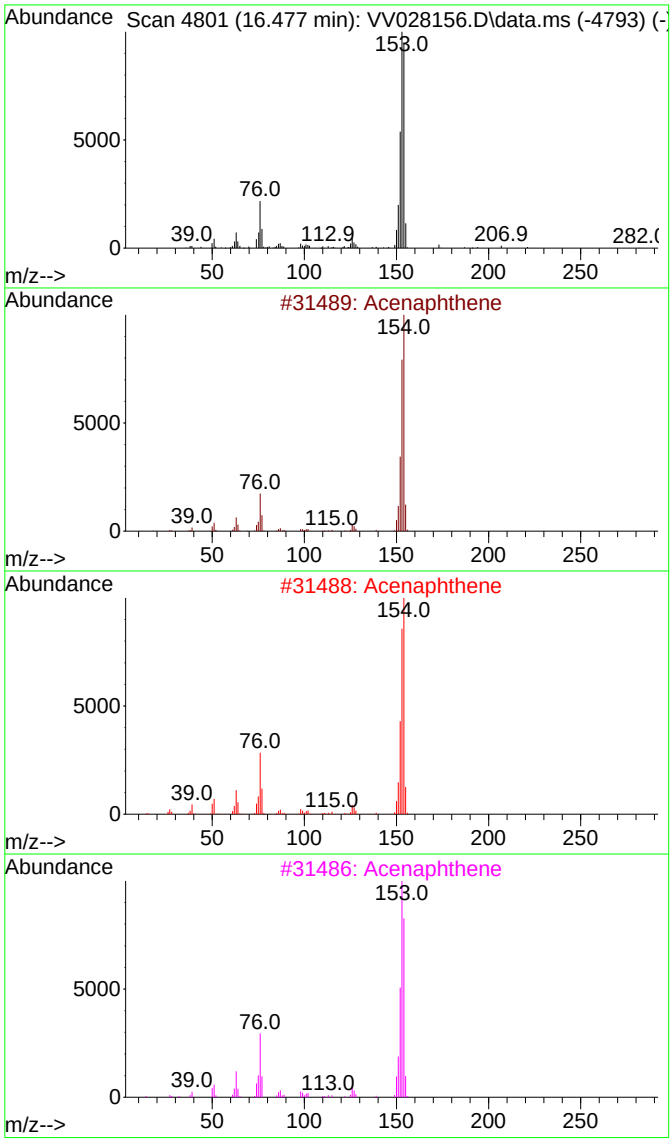
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

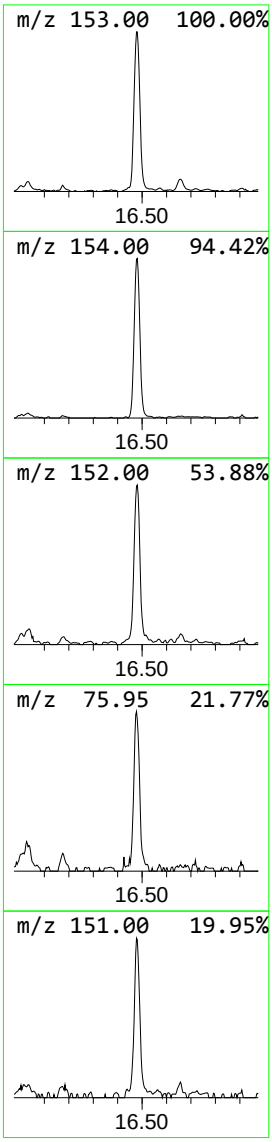
****

Peak Number 20 Acenaphthene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.477	0.89 ug/L	142028	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	94
2	Acenaphthene	154	C12H10	000083-32-9	90
3	Acenaphthene	154	C12H10	000083-32-9	70
4	Acenaphthene	154	C12H10	000083-32-9	64
5	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092822\
Data File : VV028156.D
Acq On : 28 Sep 2022 14:00
Operator : SY/MD
Sample : N4820-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8P1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.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
Butanal, 3-methyl-	5.323	1.0	ug/L	76919	1	5.616	384359	5.0
Benzene, (2-met...	11.053	1.3	ug/L	214901	3	11.246	802252	5.0
Benzene, (1-met...	11.085	1.5	ug/L	237184	3	11.246	802252	5.0
Isobutyl octyl ...	11.387	0.9	ug/L	149677	3	11.246	802252	5.0
Benzene, 1,2-di...	11.542	3.1	ug/L	505944	3	11.246	802252	5.0
Benzene, 1-ethy...	12.011	4.9	ug/L	780473	3	11.246	802252	5.0
Indan, 1-methyl-	12.111	1.7	ug/L	266243	3	11.246	802252	5.0
Benzene, 1,2,4,...	12.410	5.6	ug/L	894962	3	11.246	802252	5.0
unknown-01	12.670	1.0	ug/L	156993	3	11.246	802252	5.0
Benzene, 2-ethe...	12.718	1.3	ug/L	214372	3	11.246	802252	5.0
Benzene, 1-meth...	12.876	4.2	ug/L	668328	3	11.246	802252	5.0
Benzene, 1,3-di...	13.265	1.0	ug/L	158319	3	11.246	802252	5.0
Benzene, (3-met...	14.091	0.6	ug/L	99541	3	11.246	802252	5.0
Benzene, pentam...	14.226	0.6	ug/L	93726	3	11.246	802252	5.0
Naphthalene, 2,...	15.805	0.7	ug/L	113905	3	11.246	802252	5.0
Acenaphthene	16.477	0.9	ug/L	142028	3	11.246	802252	5.0