LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
Data File : VU044265.D
Acq On : 30 Jun 2021 17:14
Operator : SY/MD
Sample : M2905-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK25

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_U\Method\SFAMUTR062121WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU044265.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.575	371	384	403	rBV2	104742	182050	2.56%	0.472%
2	3.363	616	629	646	rBV	117704	230410	3.24%	0.597%
3	4.678	1013	1038	1075	rBV	2624154	6097267	85.70%	15.805%
4	5.073	1144	1161	1188	rBV	96858	215226	3.03%	0.558%
5	5.735	1345	1367	1373	rBV2	193499	484399	6.81%	1.256%
6	5.784	1374	1382	1399	rVB	315771	631985	8.88%	1.638%
7	6.256	1515	1529	1549	rVB	202658	379405	5.33%	0.983%
8	6.552	1601	1621	1653	rBV	3776614	7084493	99.58%	18.363%
9	6.700	1655	1667	1682	rVB	125041	249630	3.51%	0.647%
10	7.575	1926	1939	1955	rBV2	66645	118397	1.66%	0.307%
11	7.906	2029	2042	2056	rBV	254342	439021	6.17%	1.138%
12	8.186	2117	2129	2142	rBV	43197	73544	1.03%	0.191%
13	8.562	2231	2246	2260	rBV	4274649	7114307	100.00%	18.441%
14	8.642	2260	2271	2312	rVB	469620	972628	13.67%	2.521%
15	9.452	2505	2523	2551	rVV2	1658339	3228343	45.38%	8.368%
16	9.578	2551	2562	2580	rVB	157201	262203	3.69%	0.680%
17	9.697	2582	2599	2613	rBV	65129	124895	1.76%	0.324%
18	10.105	2713	2726	2748	rBV	220510	359255	5.05%	0.931%
19	10.491	2830	2846	2859	rBV	409293	639347	8.99%	1.657%
20	10.764	2920	2931	2945	rBV	103015	165854	2.33%	0.430%
21	10.912	2964	2977	2992	rBV	536362	831703	11.69%	2.156%
22	11.005	2993	3006	3024	rVV	383268	858791	12.07%	2.226%
23	11.095	3024	3034	3051	rVB	252984	393659	5.53%	1.020%
24	11.240	3067	3079	3087	rBV	48073	77589	1.09%	0.201%
25	11.298	3087	3097	3114	rVB	464555	728091	10.23%	1.887%
26	11.475	3141	3152	3166	rVB	472269	738932	10.39%	1.915%
27	11.565	3168	3180	3190	rBV	146906	240072	3.37%	0.622%
28	11.648	3200	3206	3218	rVB	61147	94944	1.33%	0.246%
29	11.751	3227	3238	3246	rBV2	58255	88958	1.25%	0.231%
30	11.822	3246	3260	3261	rBV2	362615	480016	6.75%	1.244%
31	11.899	3276	3284	3297	rVB	285124	442929	6.23%	1.148%
32	12.102	3334	3347	3365	rVB2	894860	1429469	20.09%	3.705%
33	12.214	3365	3382	3397	rVB4	581963	1380279	19.40%	3.578%
34	12.308	3399	3411	3423	rVB5	54678	103216	1.45%	0.268%
35	12.382	3424	3434	3450	rVB	70432	110832	1.56%	0.287%
36	12.488	3450	3467	3481	rBV2	100851	267302	3.76%	0.693%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
Data File : VU044265.D
Acq On : 30 Jun 2021 17:14
Operator : SY/MD
Sample : M2905-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK25

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_U\Method\SFAMUTR062121WMA.M
Title : TRACE VOA SFAM1.0

37	12.578	3484	3495	3503	rBV2	73378	109892	1.54%	0.285%
38	12.716	3522	3538	3550	rVB5	119372	270973	3.81%	0.702%
39	12.880	3578	3589	3600	rVB3	55408	102912	1.45%	0.267%
40	13.031	3627	3636	3648	rVB4	51837	104464	1.47%	0.271%
41	13.111	3649	3661	3676	rBV4	45717	82186	1.16%	0.213%
42	13.455	3758	3768	3777	rBV3	100434	158965	2.23%	0.412%
43	13.632	3809	3823	3836	rVB2	44117	77467	1.09%	0.201%
44	13.844	3875	3889	3905	rBV3	59473	107775	1.51%	0.279%
45	13.976	3922	3930	3947	rVB	66009	113150	1.59%	0.293%
46	14.092	3950	3966	3985	rVB	74491	132004	1.86%	0.342%

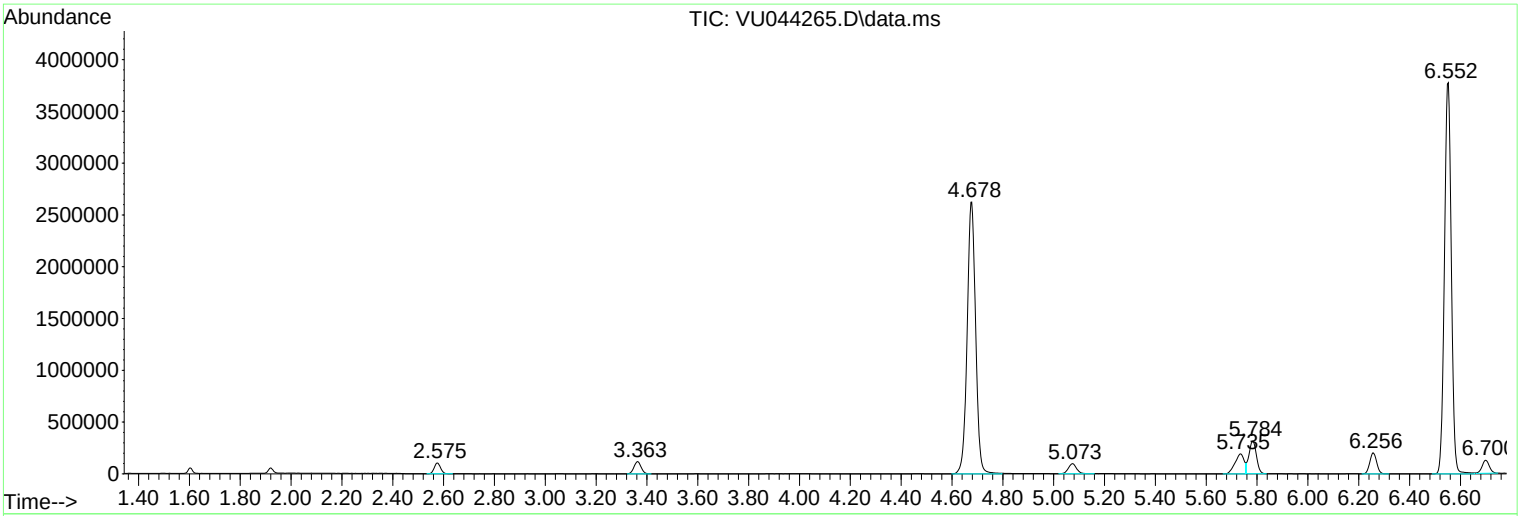
Sum of corrected areas: 38579229

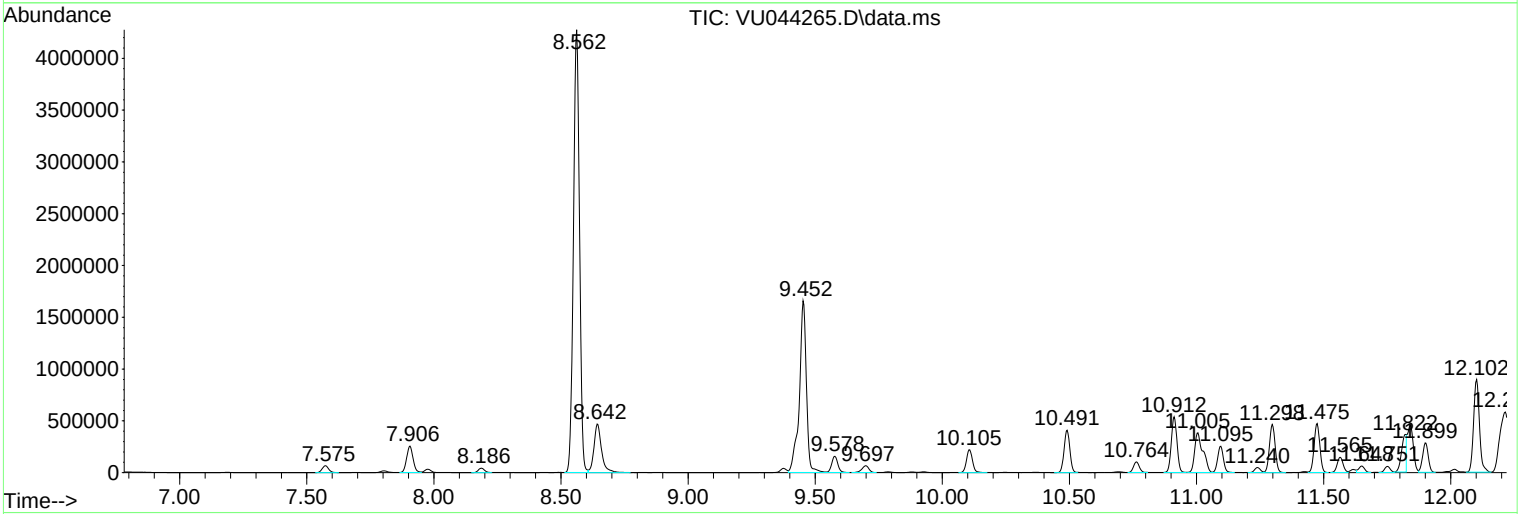
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
Data File : VU044265.D
Acq On : 30 Jun 2021 17:14
Operator : SY/MD
Sample : M2905-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

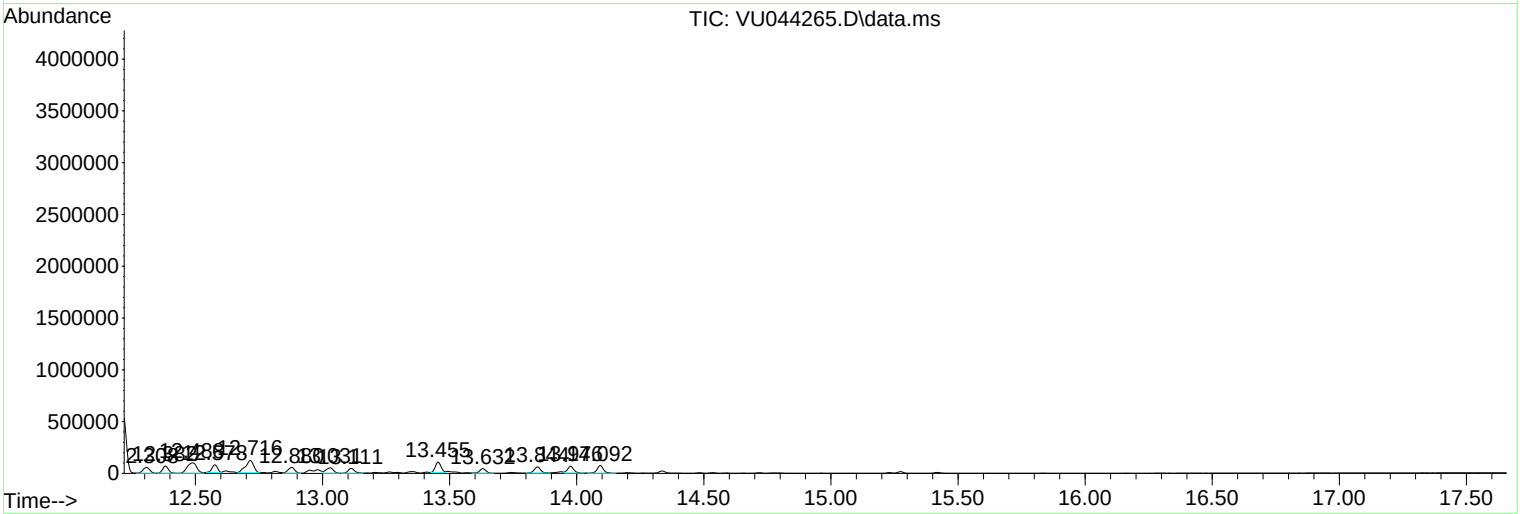
Instrument :
MSVOA_U
ClientSampleId :
DBK25

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
Data File : VU044265.D
Acq On : 30 Jun 2021 17:14
Operator : SY/MD
Sample : M2905-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK25

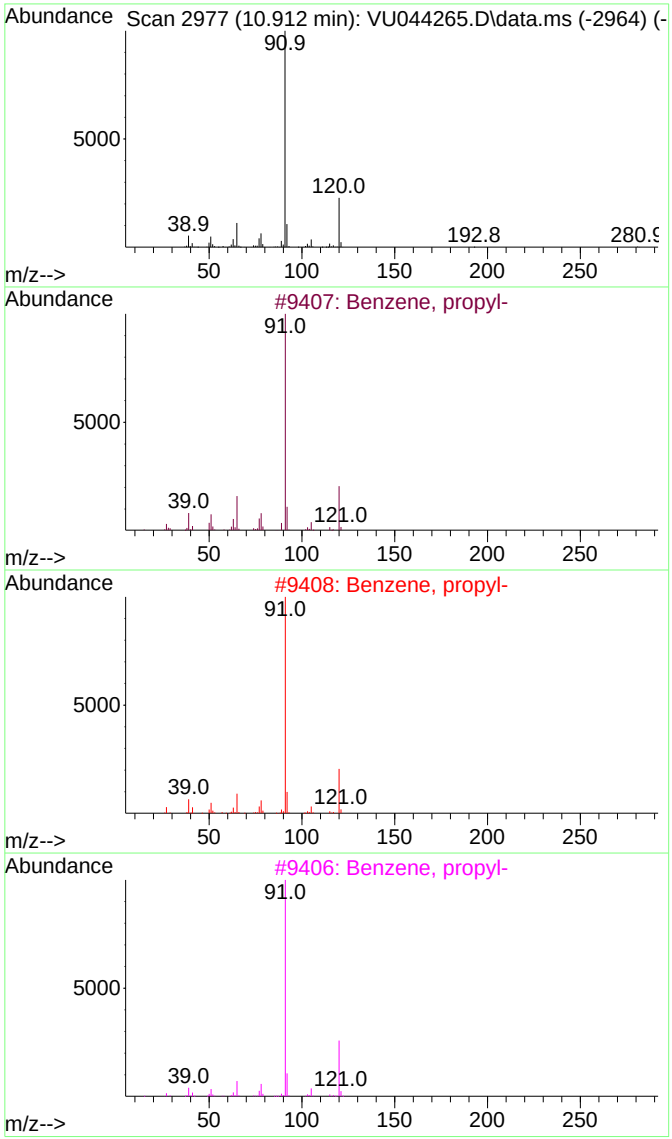
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

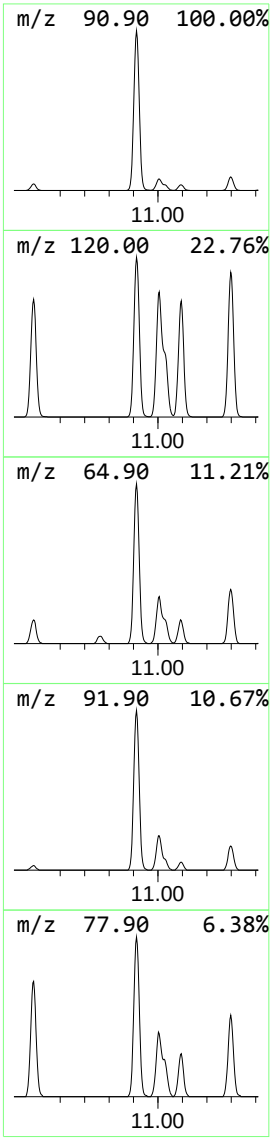
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.912	8.66 ug/L	831703	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	1-Benzylamino-2-benzyloxyethane	241	C16H19NO	038336-06-0	72
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
Data File : VU044265.D
Acq On : 30 Jun 2021 17:14
Operator : SY/MD
Sample : M2905-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK25

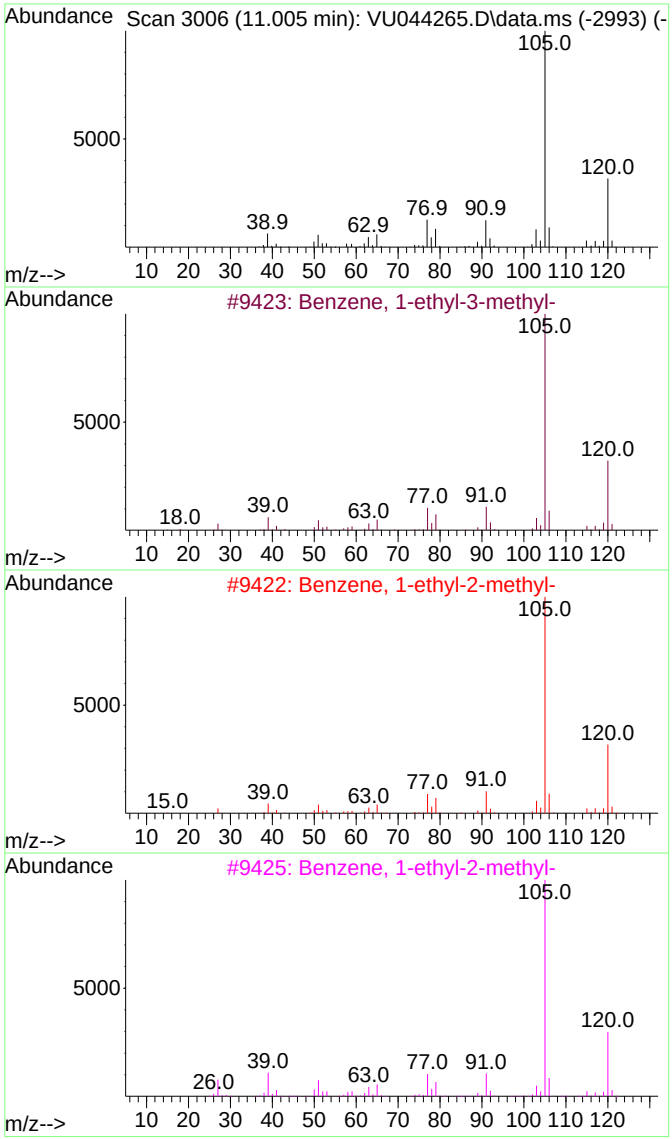
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

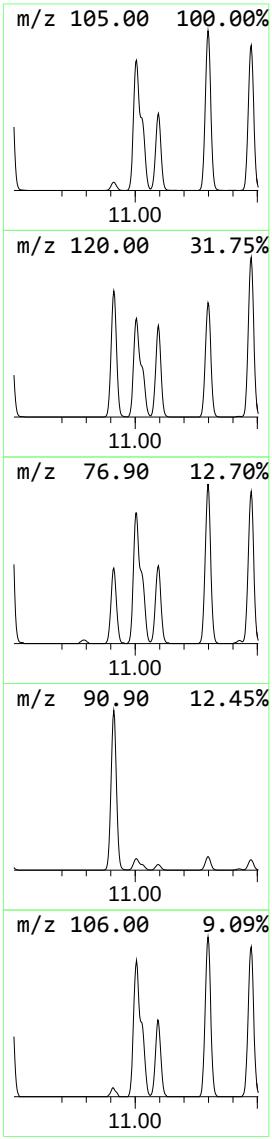
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.005	8.95 ug/L	858791	1,4-Dichlorobenzene-d4	11.819

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
Data File : VU044265.D
Acq On : 30 Jun 2021 17:14
Operator : SY/MD
Sample : M2905-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK25

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

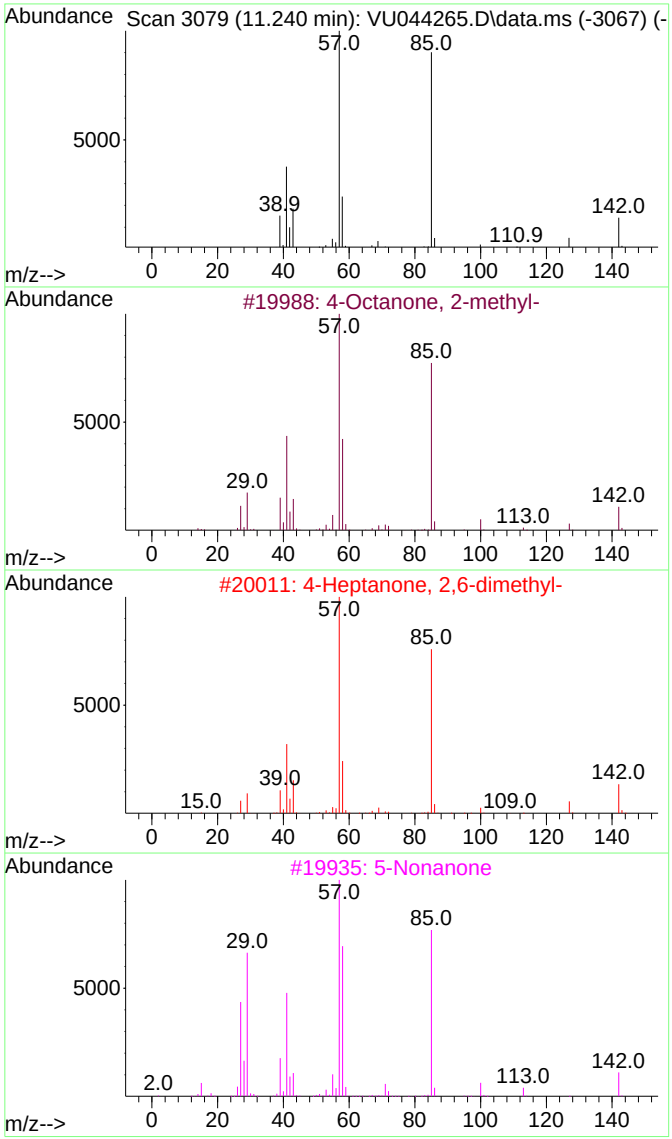
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

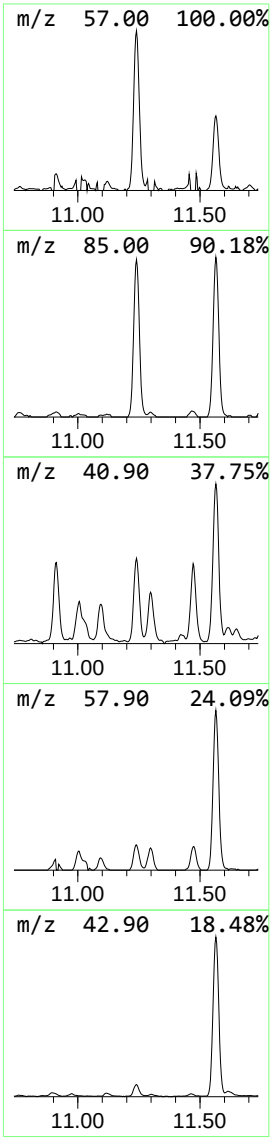
****

Peak Number 4 4-Octanone, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.240	0.81 ug/L	77589	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	72
2	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	70
3	5-Nonanone	142	C9H18O	000502-56-7	64
4	5-Nonanone	142	C9H18O	000502-56-7	64
5	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
Data File : VU044265.D
Acq On : 30 Jun 2021 17:14
Operator : SY/MD
Sample : M2905-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK25

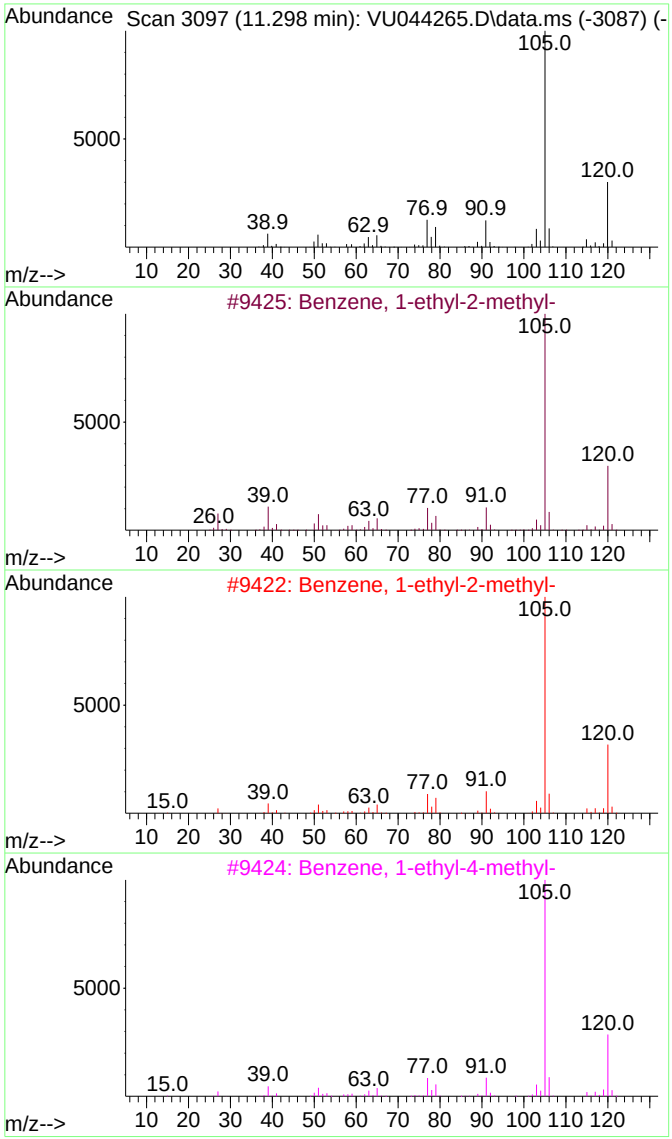
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

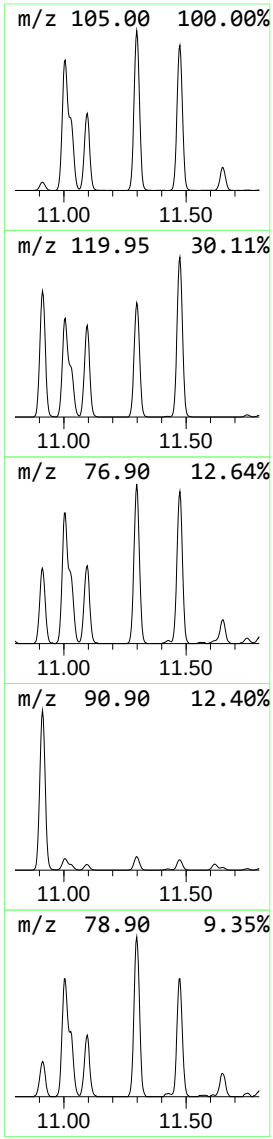
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.298	7.58 ug/L	728091	1,4-Dichlorobenzene-d4	11.819

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-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	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
Data File : VU044265.D
Acq On : 30 Jun 2021 17:14
Operator : SY/MD
Sample : M2905-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBK25

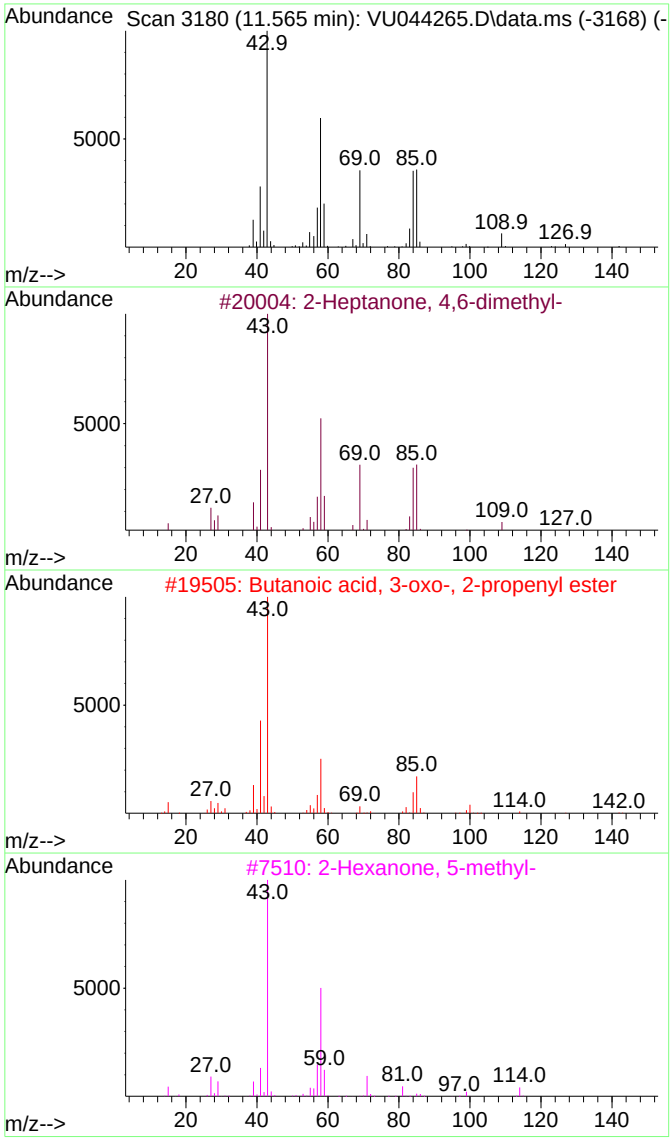
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

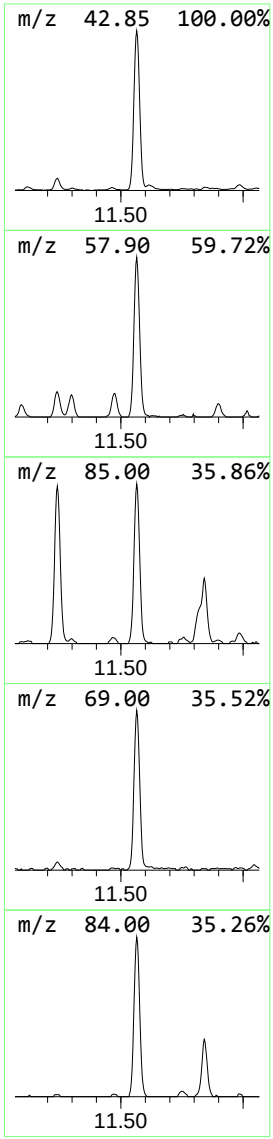
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2-Heptanone, 4,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.565	2.50 ug/L	240072	1,4-Dichlorobenzene-d4	11.819

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	64
3	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	50
4	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	43
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
Data File : VU044265.D
Acq On : 30 Jun 2021 17:14
Operator : SY/MD
Sample : M2905-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK25

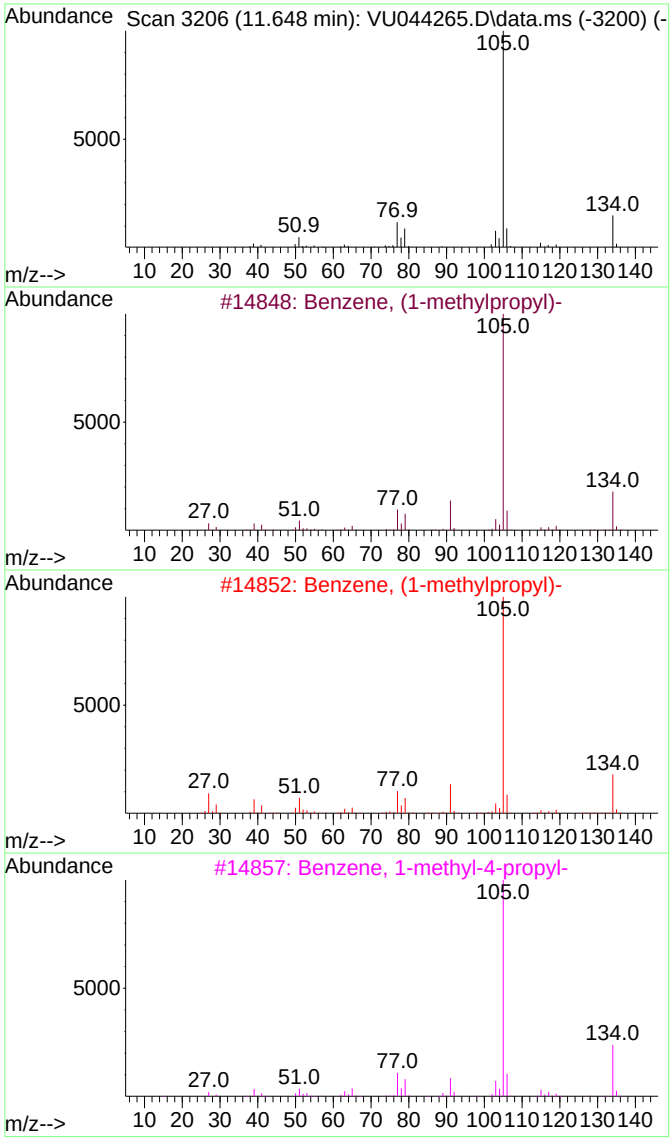
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

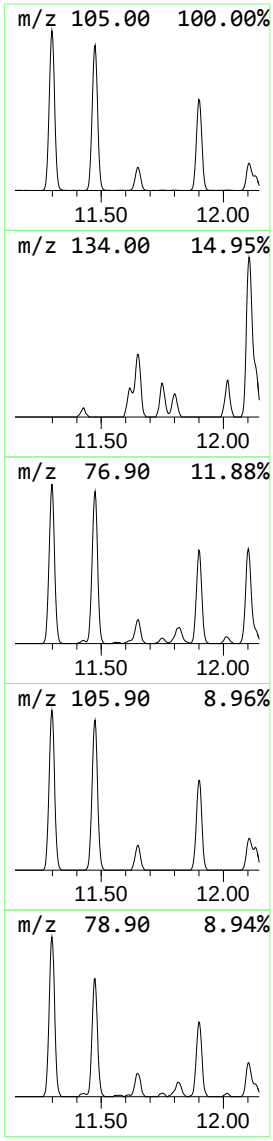
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, (1-methylpropyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.648	0.99 ug/L	94944	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	86
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	83
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	80
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
Data File : VU044265.D
Acq On : 30 Jun 2021 17:14
Operator : SY/MD
Sample : M2905-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK25

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

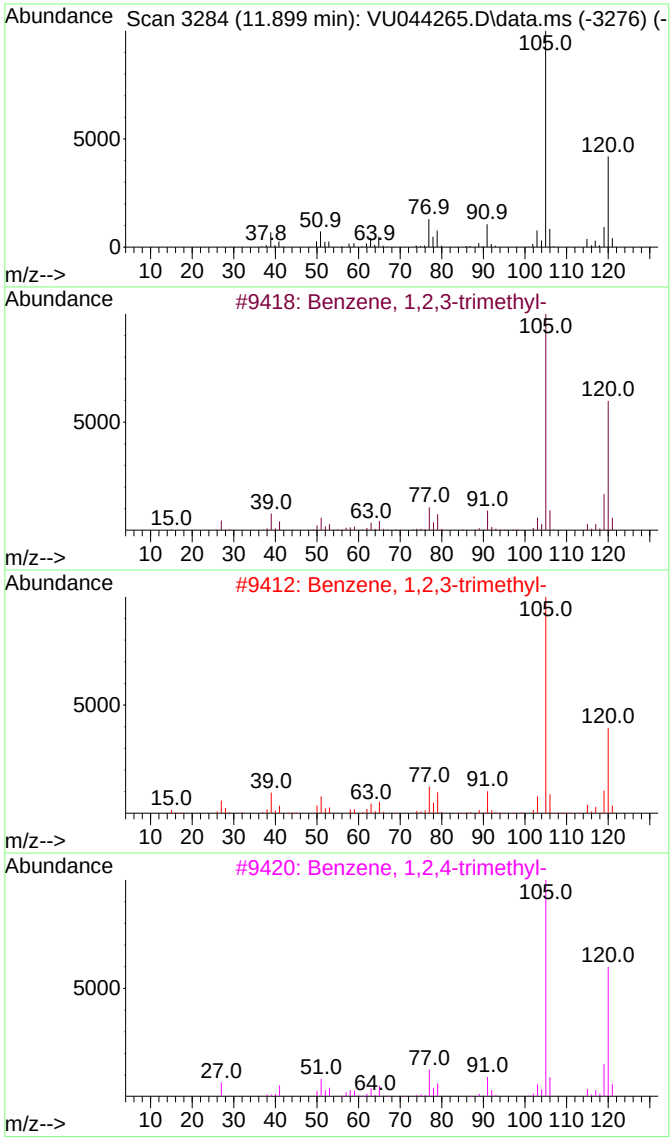
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

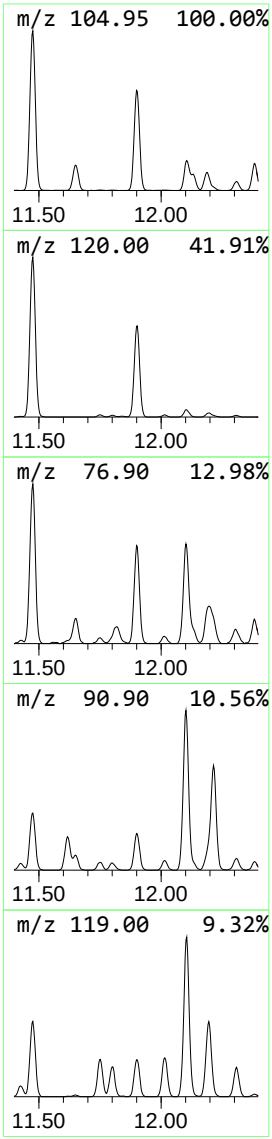
****

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.899	4.61 ug/L	442929	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
Data File : VU044265.D
Acq On : 30 Jun 2021 17:14
Operator : SY/MD
Sample : M2905-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK25

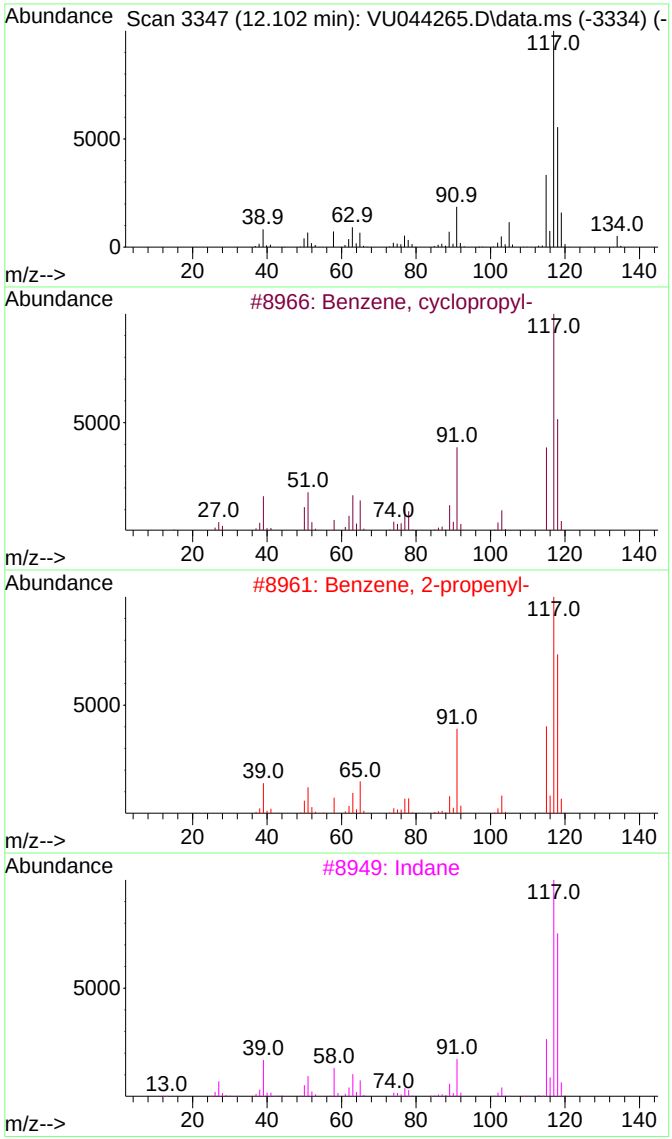
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

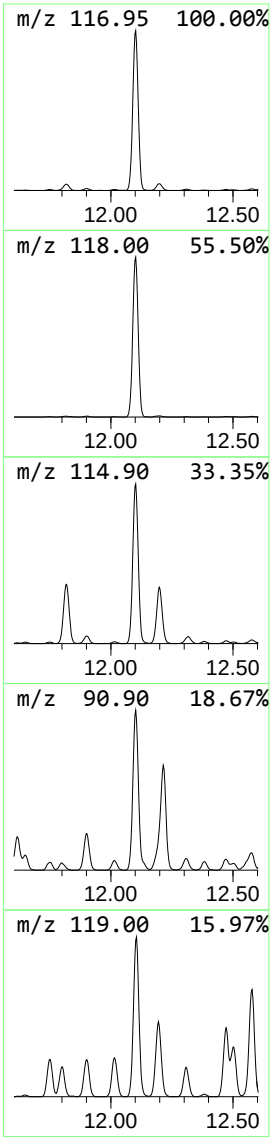
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, cyclopropyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.102	14.89 ug/L	1429470	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
3	Indane	118	C9H10	000496-11-7	76
4	Indane	118	C9H10	000496-11-7	76
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
Data File : VU044265.D
Acq On : 30 Jun 2021 17:14
Operator : SY/MD
Sample : M2905-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK25

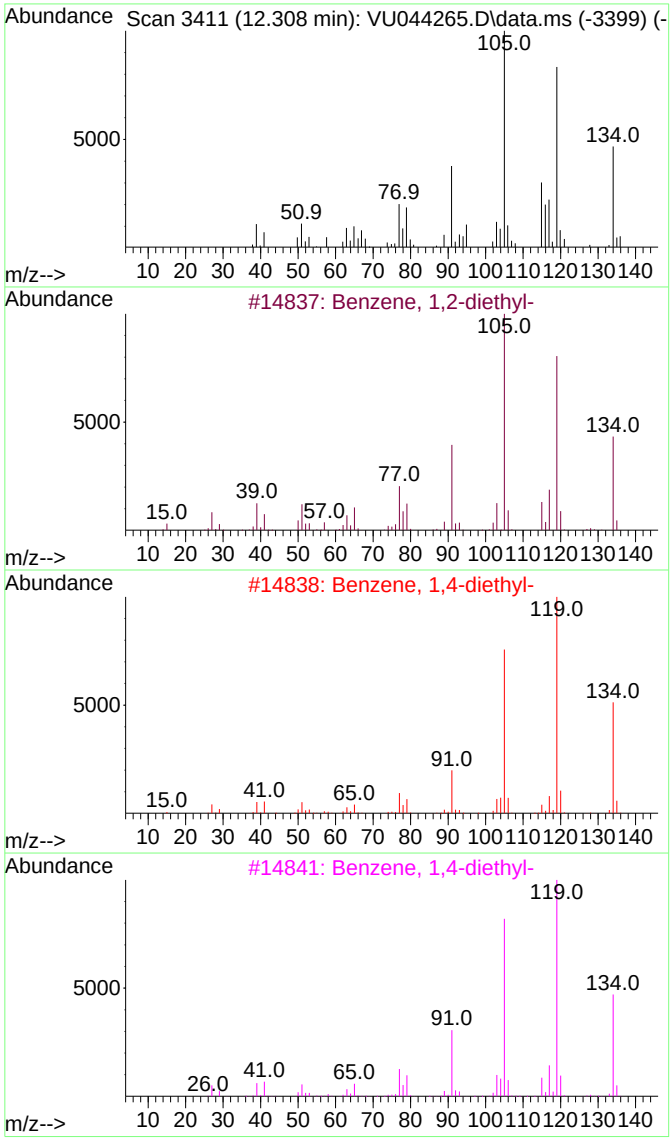
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

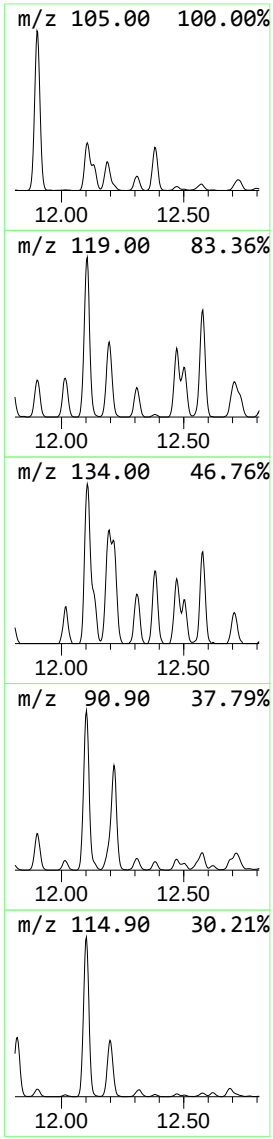
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1,2-diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.308	1.08 ug/L	103216	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	76
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	76
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	76
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	70





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Data File : VU044265.D
Acq On : 30 Jun 2021 17:14
Operator : SY/MD
Sample : M2905-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK25

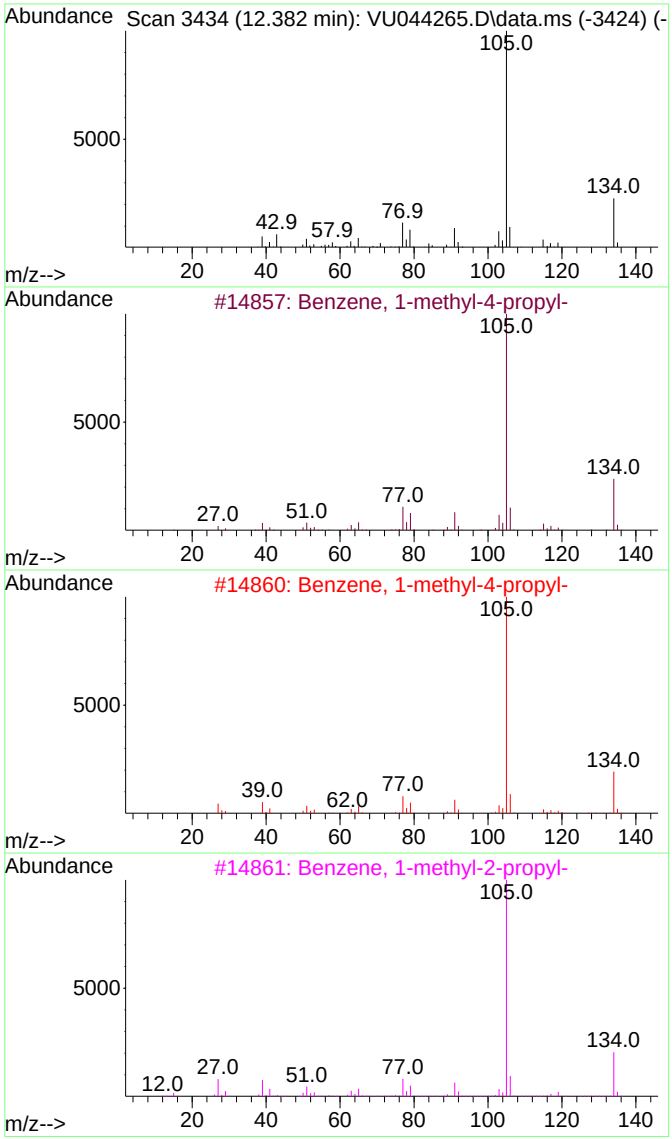
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

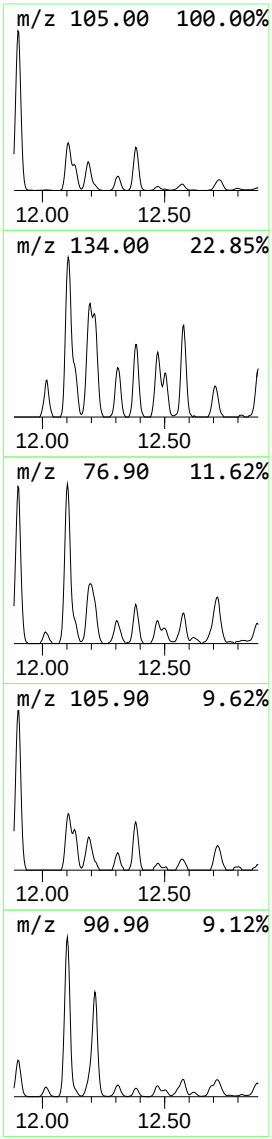
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-methyl-4-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.382	1.15 ug/L	110832	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
Data File : VU044265.D
Acq On : 30 Jun 2021 17:14
Operator : SY/MD
Sample : M2905-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK25

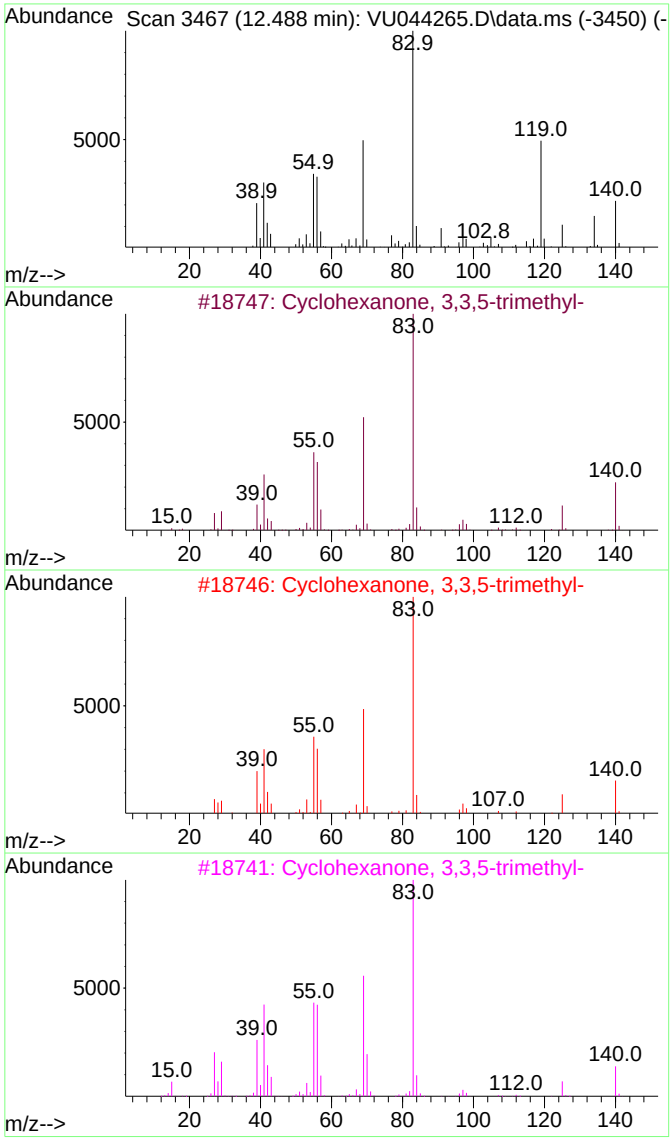
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

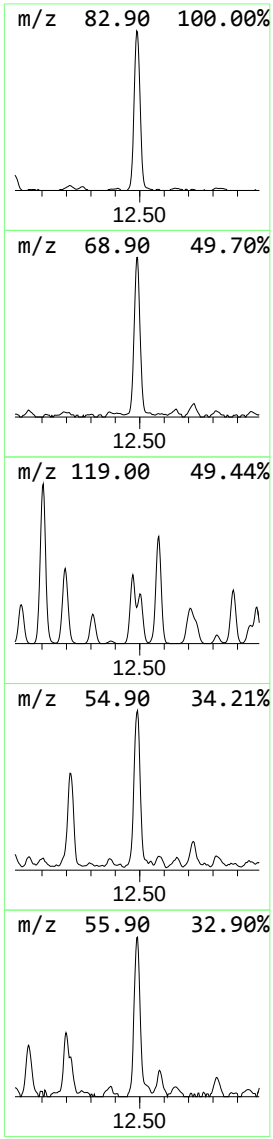
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclohexanone, 3,3,5-trimet... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.488	2.78 ug/L	267302	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	96
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	96
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	70
4	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	58
5	1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
Data File : VU044265.D
Acq On : 30 Jun 2021 17:14
Operator : SY/MD
Sample : M2905-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK25

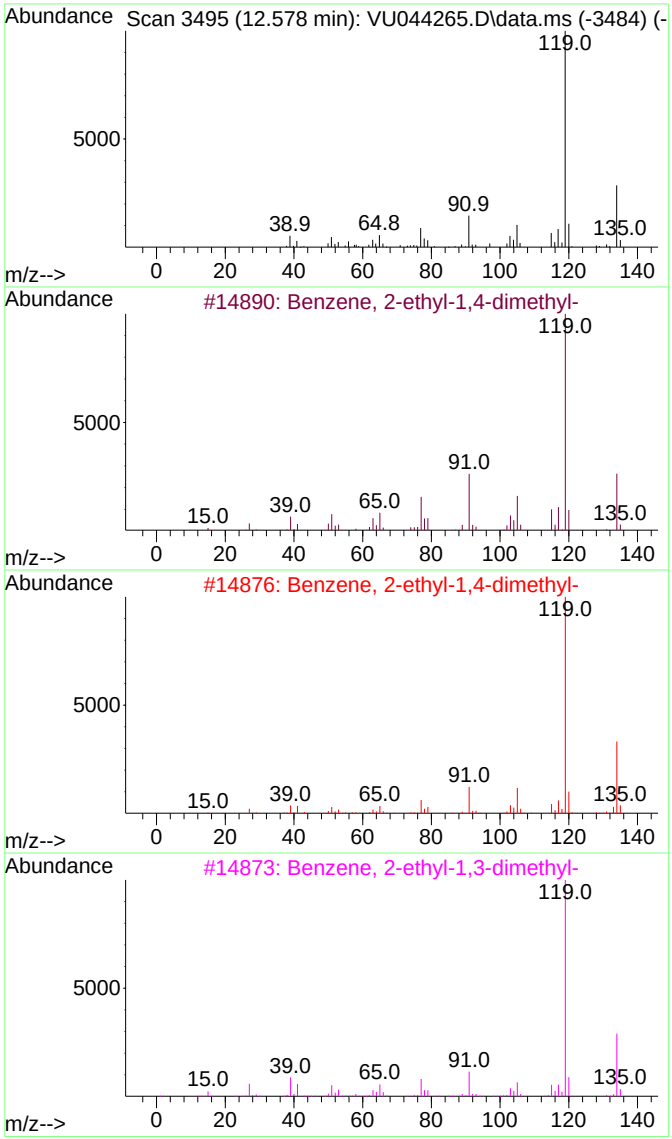
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

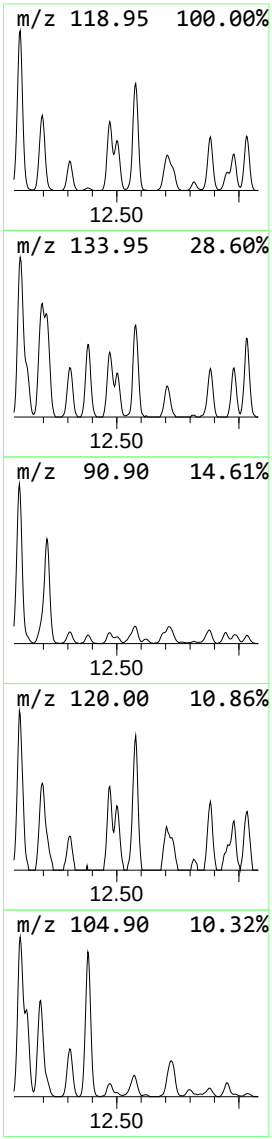
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.578	1.14 ug/L	109892	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
Data File : VU044265.D
Acq On : 30 Jun 2021 17:14
Operator : SY/MD
Sample : M2905-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBK25

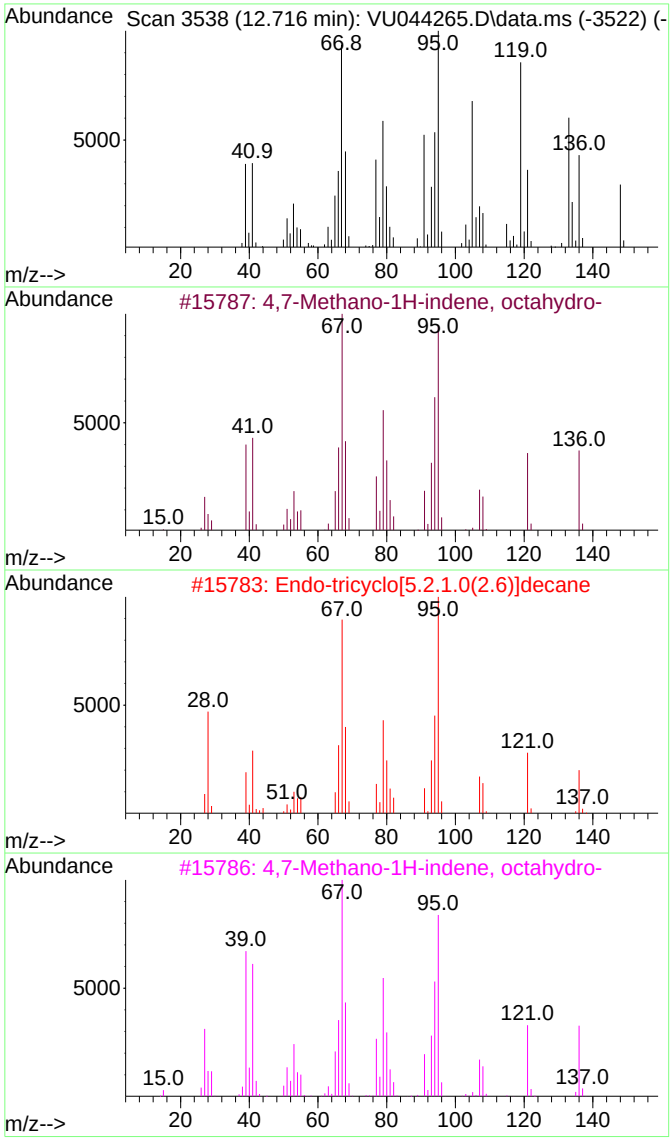
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

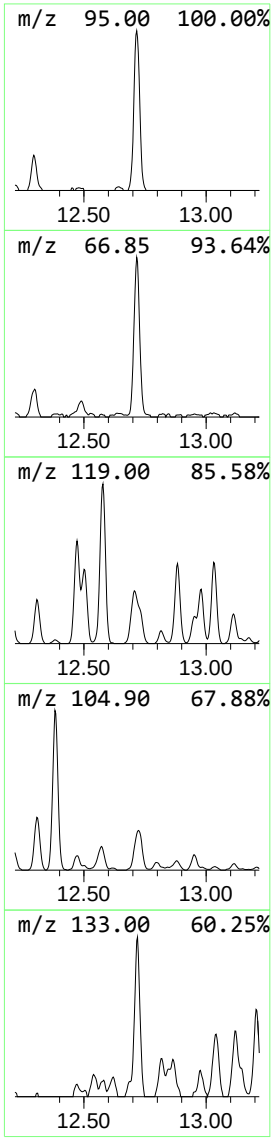
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 4,7-Methano-1H-indene, octa... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.716	2.82 ug/L	270973	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methano-1H-indene, octahydro-	136	C10H16	006004-38-2	98
2	Endo-tricyclo[5.2.1.0(2.6)]decane	136	C10H16	1000215-28-8	97
3	4,7-Methano-1H-indene, octahydro-	136	C10H16	006004-38-2	96
4	Exo-tricyclo[5.2.1.0(2.6)]decane	136	C10H16	1000215-28-7	95
5	4,7-Methano-1H-indene, octahydro-	136	C10H16	006004-38-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
Data File : VU044265.D
Acq On : 30 Jun 2021 17:14
Operator : SY/MD
Sample : M2905-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK25

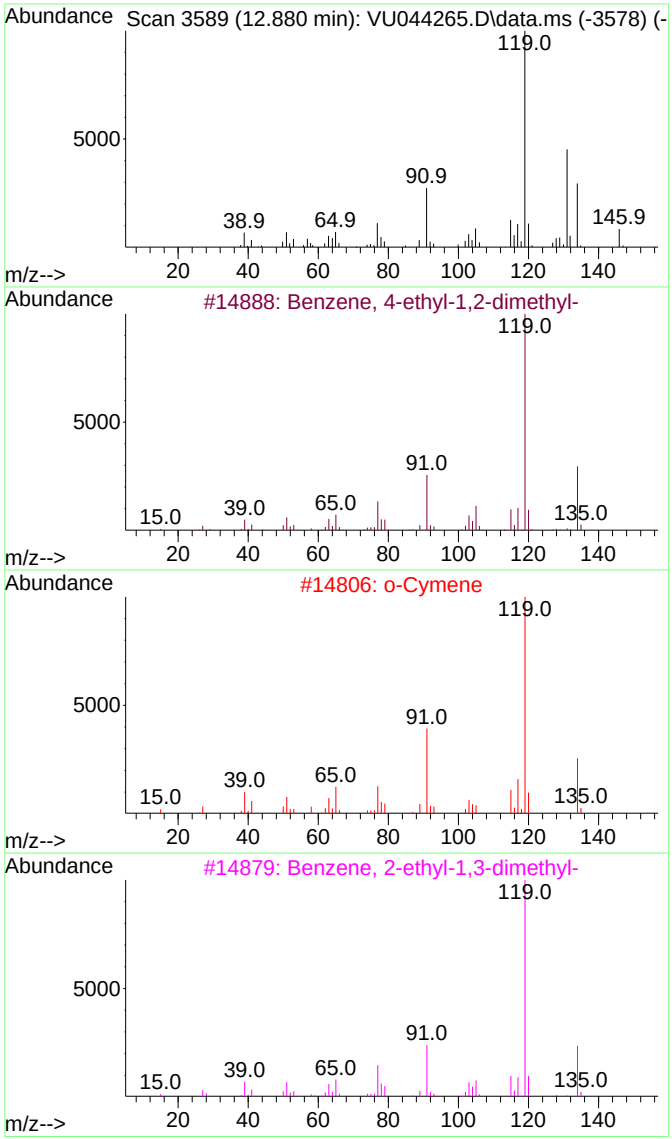
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

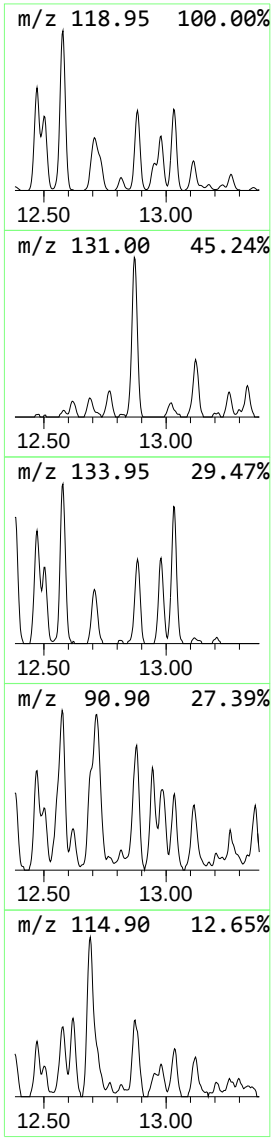
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.880	1.07 ug/L	102912	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	92
2	o-Cymene	134	C10H14	000527-84-4	83
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
4	p-Cymene	134	C10H14	000099-87-6	64
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
Data File : VU044265.D
Acq On : 30 Jun 2021 17:14
Operator : SY/MD
Sample : M2905-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK25

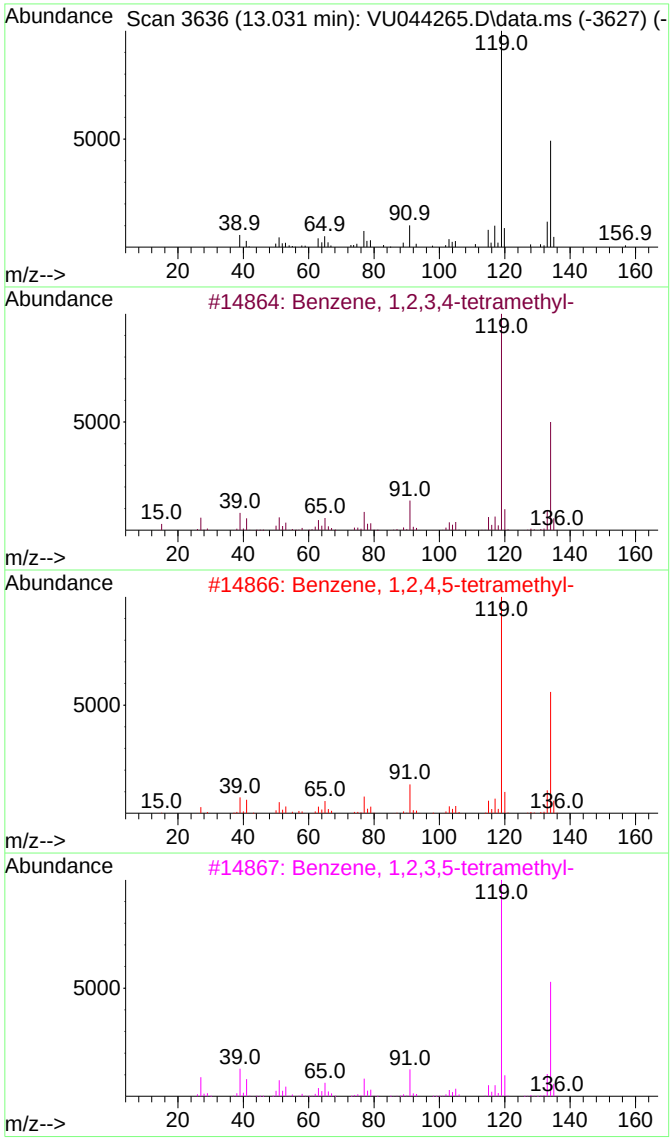
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

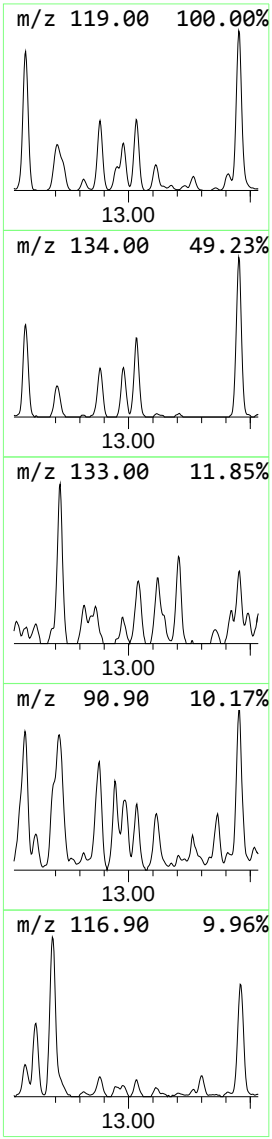
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.031	1.09 ug/L	104464	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
Data File : VU044265.D
Acq On : 30 Jun 2021 17:14
Operator : SY/MD
Sample : M2905-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK25

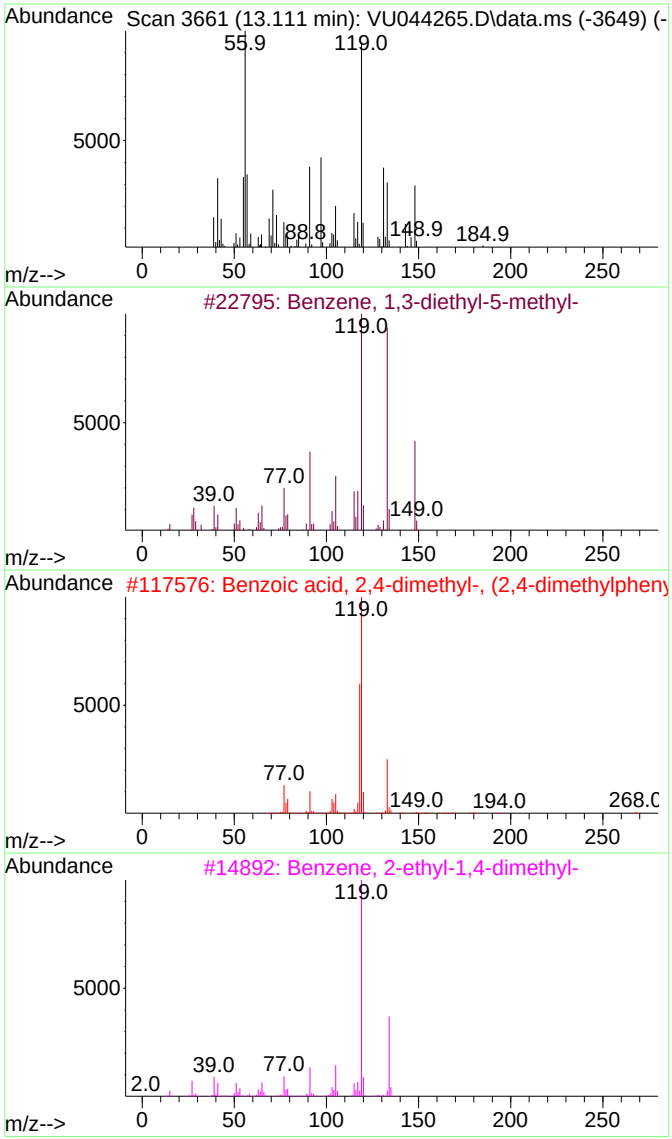
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

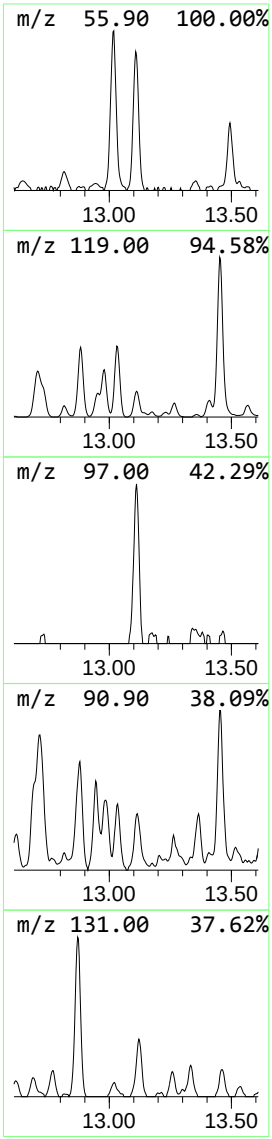
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.111	0.86 ug/L	82186	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	53
2	Benzoic acid, 2,4-dimethyl-, (2,...	268	C18H20O2	055000-43-6	38
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	38
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	38
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
Data File : VU044265.D
Acq On : 30 Jun 2021 17:14
Operator : SY/MD
Sample : M2905-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK25

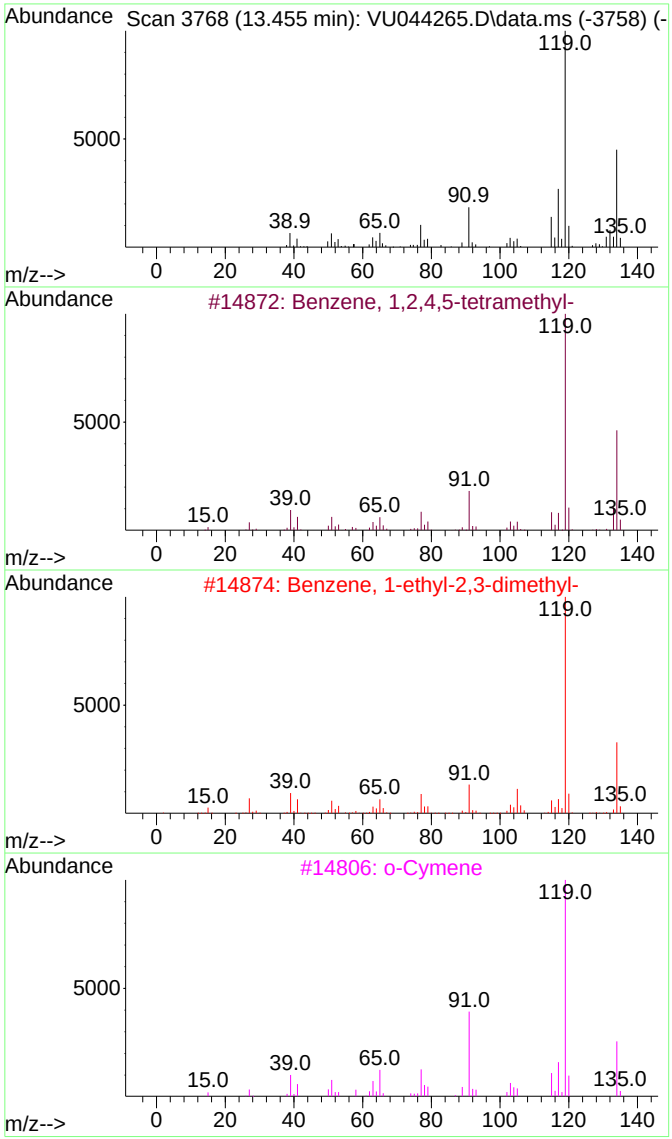
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

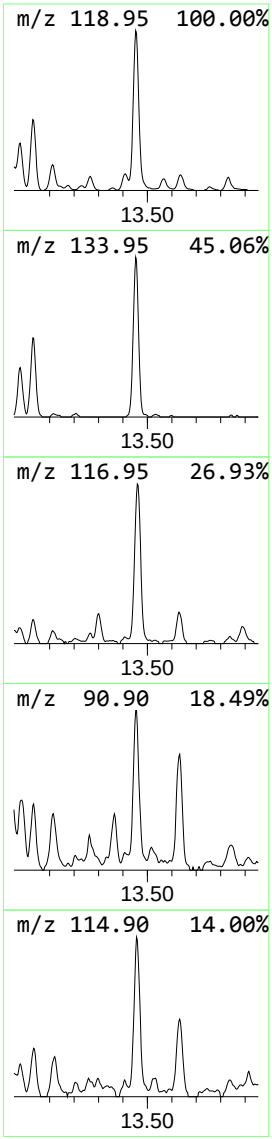
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.455	1.66 ug/L	158965	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
3	o-Cymene	134	C10H14	000527-84-4	87
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
Data File : VU044265.D
Acq On : 30 Jun 2021 17:14
Operator : SY/MD
Sample : M2905-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK25

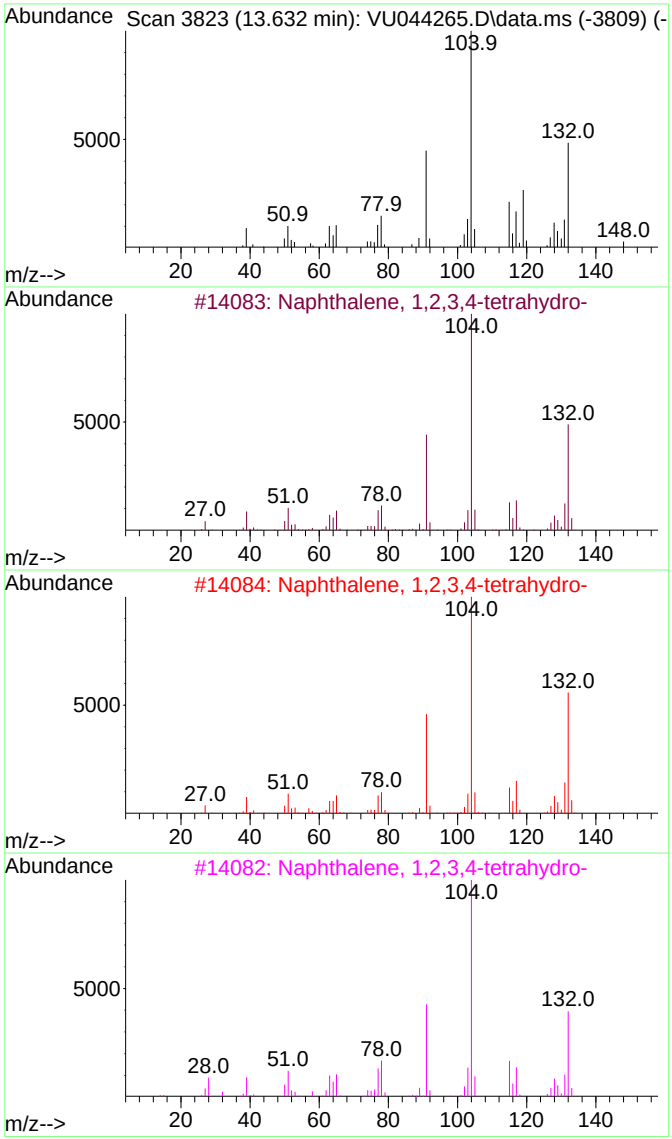
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

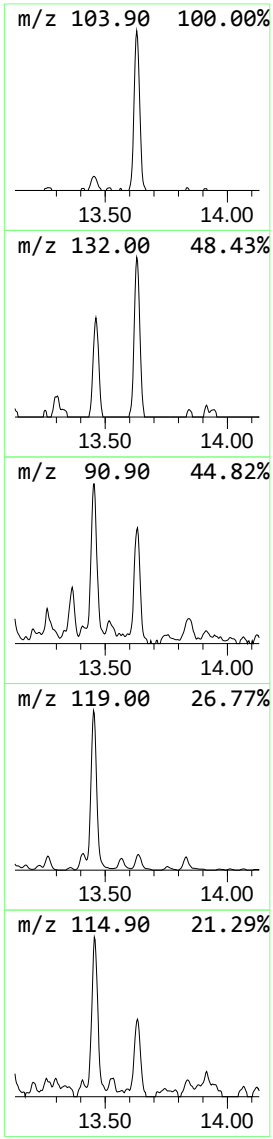
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.632	0.81 ug/L	77467	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	89
5	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
Data File : VU044265.D
Acq On : 30 Jun 2021 17:14
Operator : SY/MD
Sample : M2905-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK25

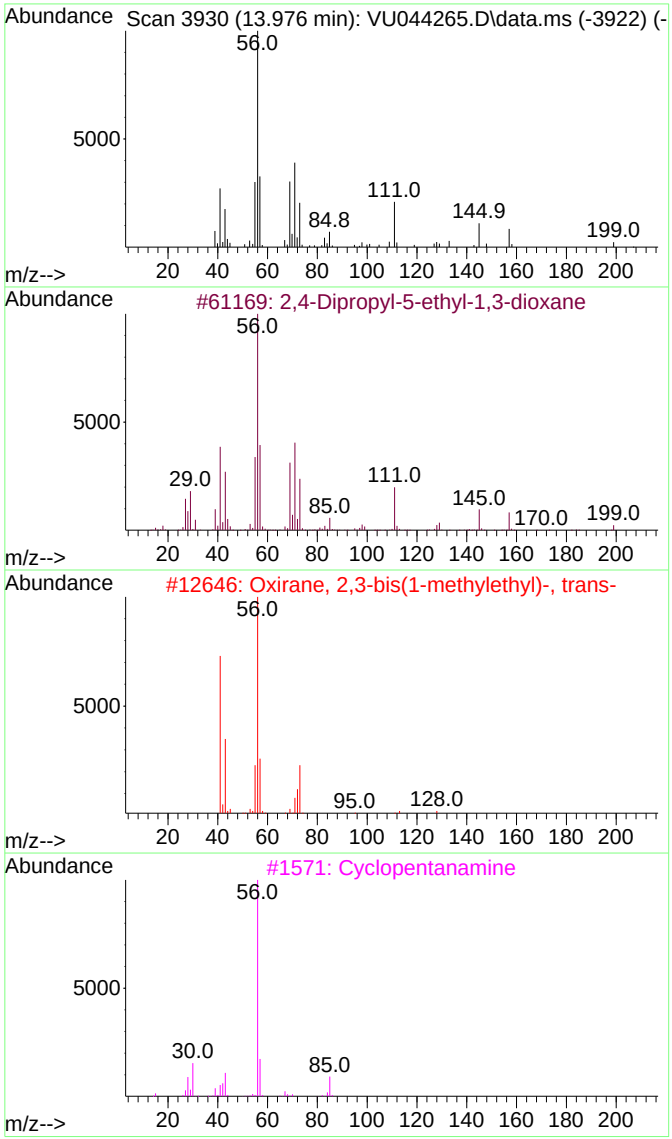
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

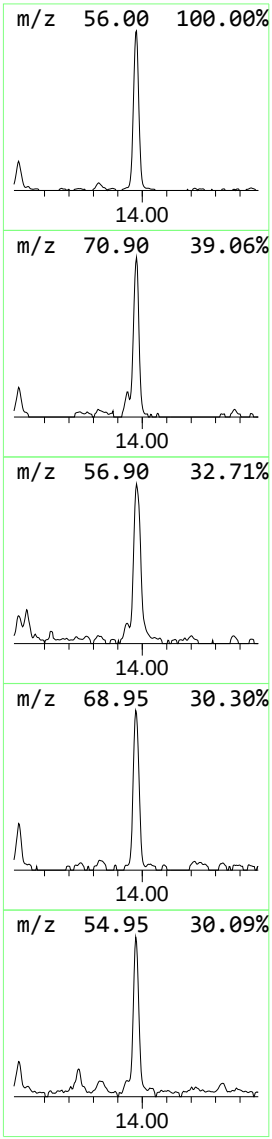
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 2,4-Dipropyl-5-ethyl-1,3-di... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.976	1.18 ug/L	113150	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	90
2	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	43
3	Cyclopentanamine	85	C5H11N	001003-03-8	35
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	33
5	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	28





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
Data File : VU044265.D
Acq On : 30 Jun 2021 17:14
Operator : SY/MD
Sample : M2905-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK25

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

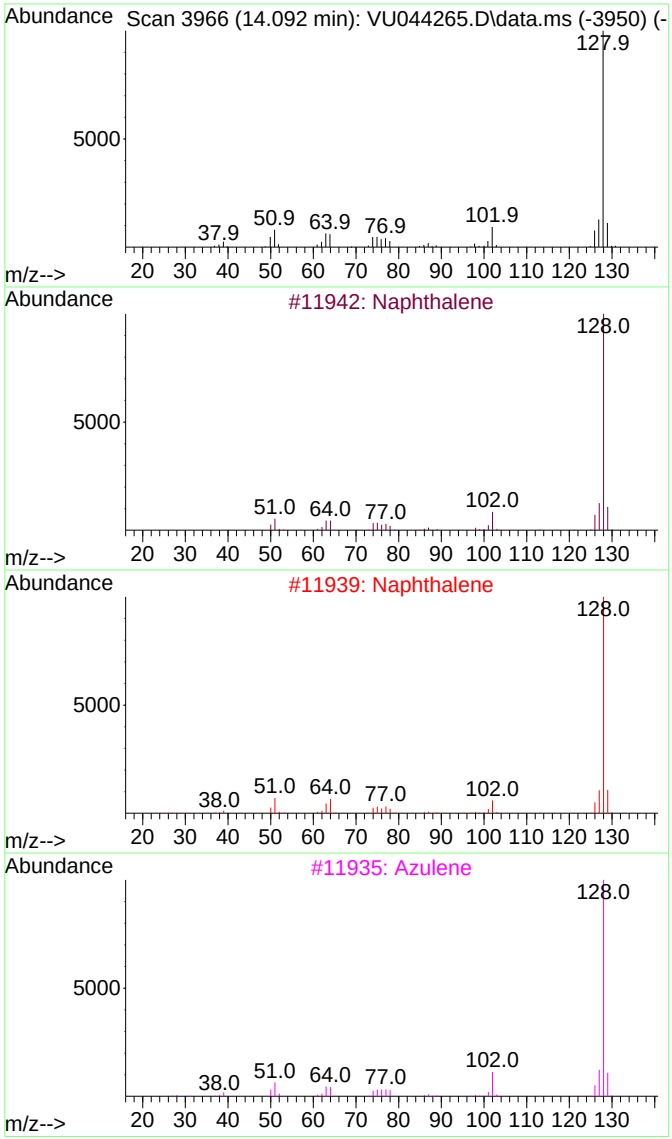
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

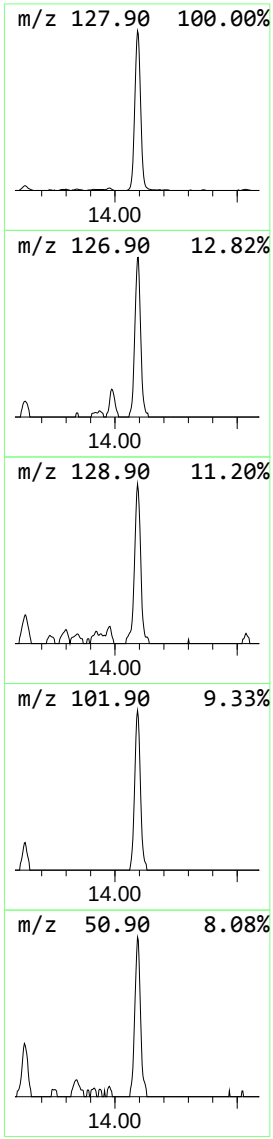
****

Peak Number 21 Azulene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.092	1.38 ug/L	132004	1,4-Dichlorobenzene-d4	11.819

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	Azulene	128	C10H8	000275-51-4	94
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_U\Data\VU063021\
Data File : VU044265.D
Acq On : 30 Jun 2021 17:14
Operator : SY/MD
Sample : M2905-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK25

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, propyl-	10.912	8.7	ug/L	831703	3	11.819	480016	5.0
Benzene, 1-ethy...	11.005	8.9	ug/L	858791	3	11.819	480016	5.0
4-Octanone, 2-m...	11.240	0.8	ug/L	77589	3	11.819	480016	5.0
Benzene, 1-ethy...	11.298	7.6	ug/L	728091	3	11.819	480016	5.0
2-Heptanone, 4,...	11.565	2.5	ug/L	240072	3	11.819	480016	5.0
Benzene, (1-met...	11.648	1.0	ug/L	94944	3	11.819	480016	5.0
Benzene, 1,2,3-...	11.899	4.6	ug/L	442929	3	11.819	480016	5.0
Benzene, cyclop...	12.102	14.9	ug/L	1429470	3	11.819	480016	5.0
Benzene, 1,2-di...	12.308	1.1	ug/L	103216	3	11.819	480016	5.0
Benzene, 1-meth...	12.382	1.1	ug/L	110832	3	11.819	480016	5.0
Cyclohexanone, ...	12.488	2.8	ug/L	267302	3	11.819	480016	5.0
Benzene, 2-ethy...	12.578	1.1	ug/L	109892	3	11.819	480016	5.0
4,7-Methano-1H-...	12.716	2.8	ug/L	270973	3	11.819	480016	5.0
Benzene, 4-ethy...	12.880	1.1	ug/L	102912	3	11.819	480016	5.0
Benzene, 1,2,3,...	13.031	1.1	ug/L	104464	3	11.819	480016	5.0
Benzene, 1,3-di...	13.111	0.9	ug/L	82186	3	11.819	480016	5.0
Benzene, 1,2,4,...	13.455	1.7	ug/L	158965	3	11.819	480016	5.0
Naphthalene, 1,...	13.632	0.8	ug/L	77467	3	11.819	480016	5.0
2,4-Dipropyl-5-...	13.976	1.2	ug/L	113150	3	11.819	480016	5.0
Azulene	14.092	1.4	ug/L	132004	3	11.819	480016	5.0