LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
Data File : VU044261.D
Acq On : 30 Jun 2021 14:46
Operator : SY/MD
Sample : M2905-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK24

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: VU044261.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.601	74	81	91	rBV	49964	56938	1.67%	0.282%
2	1.916	172	179	193	rVB	48198	64645	1.90%	0.320%
3	2.572	369	383	397	rBV2	96615	163457	4.81%	0.810%
4	3.359	616	628	646	rBV	53080	103548	3.05%	0.513%
5	4.674	1010	1037	1069	rBV2	1140842	2742130	80.66%	13.581%
6	5.073	1145	1161	1183	rBV	91221	201527	5.93%	0.998%
7	5.736	1345	1367	1375	rBV3	179855	474778	13.97%	2.352%
8	5.781	1375	1381	1403	rVB	140227	272336	8.01%	1.349%
9	6.256	1515	1529	1547	rBV	198873	368547	10.84%	1.825%
10	6.549	1601	1620	1648	rBV	1710612	3208512	94.38%	15.891%
11	6.697	1654	1666	1683	rVB	117865	226669	6.67%	1.123%
12	7.571	1920	1938	1962	rBV	63050	112567	3.31%	0.558%
13	7.906	2028	2042	2055	rVV	237461	415047	12.21%	2.056%
14	8.186	2115	2129	2146	rBV2	39646	70090	2.06%	0.347%
15	8.559	2231	2245	2259	rBV	2031390	3399592	100.00%	16.838%
16	8.639	2259	2270	2312	rVB	327051	693191	20.39%	3.433%
17	9.452	2504	2523	2551	rVV2	744626	1691139	49.75%	8.376%
18	9.575	2551	2561	2576	rVB	73458	119912	3.53%	0.594%
19	9.697	2584	2599	2612	rVB	33076	57904	1.70%	0.287%
20	10.105	2714	2726	2743	rBV	102724	169042	4.97%	0.837%
21	10.491	2832	2846	2860	rBV	182447	292854	8.61%	1.450%
22	10.761	2919	2930	2947	rBV	86229	142177	4.18%	0.704%
23	10.912	2958	2977	2991	rBV	249073	395600	11.64%	1.959%
24	11.002	2993	3005	3024	rVV	177225	397733	11.70%	1.970%
25	11.092	3024	3033	3049	rVB	119192	185101	5.44%	0.917%
26	11.298	3087	3097	3113	rVB	204211	323867	9.53%	1.604%
27	11.475	3141	3152	3166	rVB	224437	348678	10.26%	1.727%
28	11.565	3169	3180	3190	rBV2	53803	90385	2.66%	0.448%
29	11.648	3200	3206	3217	rVB	28879	43071	1.27%	0.213%
30	11.751	3228	3238	3246	rBV	31677	46832	1.38%	0.232%
31	11.819	3246	3259	3276	rVV2	342649	845898	24.88%	4.190%
32	11.899	3276	3284	3297	rVB	123592	193003	5.68%	0.956%
33	12.102	3334	3347	3365	rBV3	380125	628047	18.47%	3.111%
34	12.205	3365	3379	3399	rVB5	340110	826858	24.32%	4.095%
35	12.308	3399	3411	3424	rVB6	25916	48749	1.43%	0.241%
36	12.382	3424	3434	3450	rVB	30975	48042	1.41%	0.238%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
Data File : VU044261.D
Acq On : 30 Jun 2021 14:46
Operator : SY/MD
Sample : M2905-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK24

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	12.494	3450	3469	3480	rBV2	36708	102715	3.02%	0.509%
38	12.578	3485	3495	3503	rVB2	33157	48299	1.42%	0.239%
39	12.716	3522	3538	3550	rVB6	56758	126190	3.71%	0.625%
40	12.877	3578	3588	3601	rVB3	23722	43605	1.28%	0.216%
41	13.028	3628	3635	3649	rVB3	22531	42085	1.24%	0.208%
42	13.111	3651	3661	3677	rBV6	18869	34051	1.00%	0.169%
43	13.455	3758	3768	3778	rBV2	40526	66017	1.94%	0.327%
44	13.845	3876	3889	3902	rBV2	46485	79716	2.34%	0.395%
45	13.976	3921	3930	3943	rVB2	25697	43335	1.27%	0.215%
46	14.092	3953	3966	3984	rVB	56141	94430	2.78%	0.468%
47	14.336	4032	4042	4054	rVB3	26006	41326	1.22%	0.205%

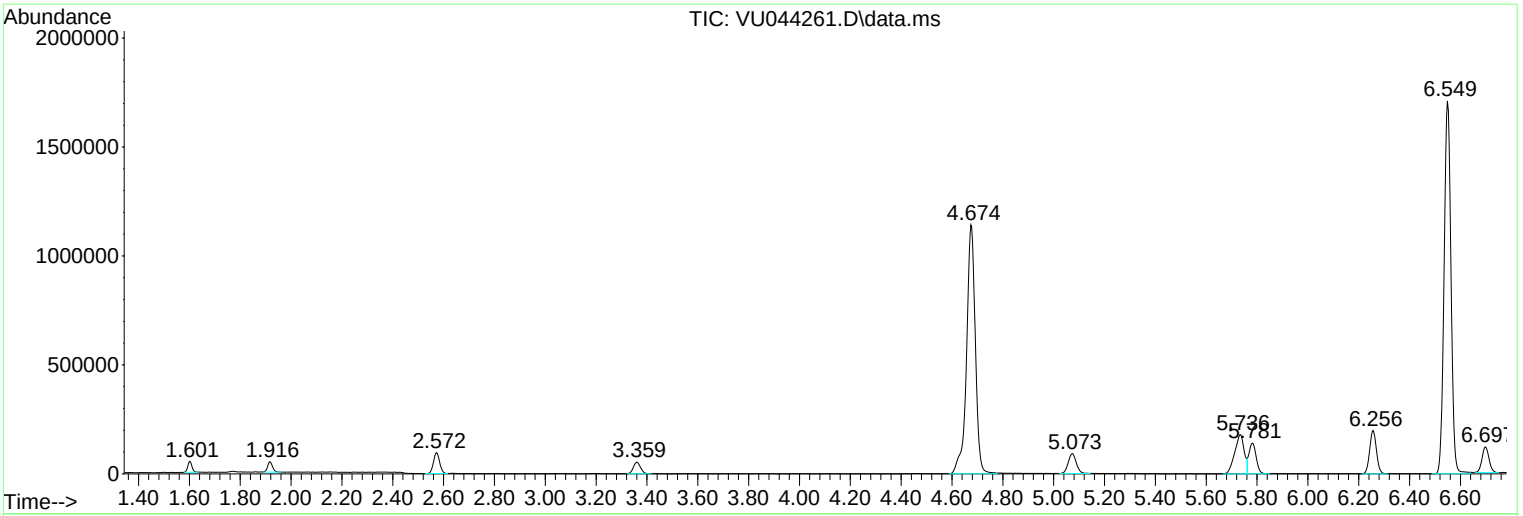
Sum of corrected areas: 20190235

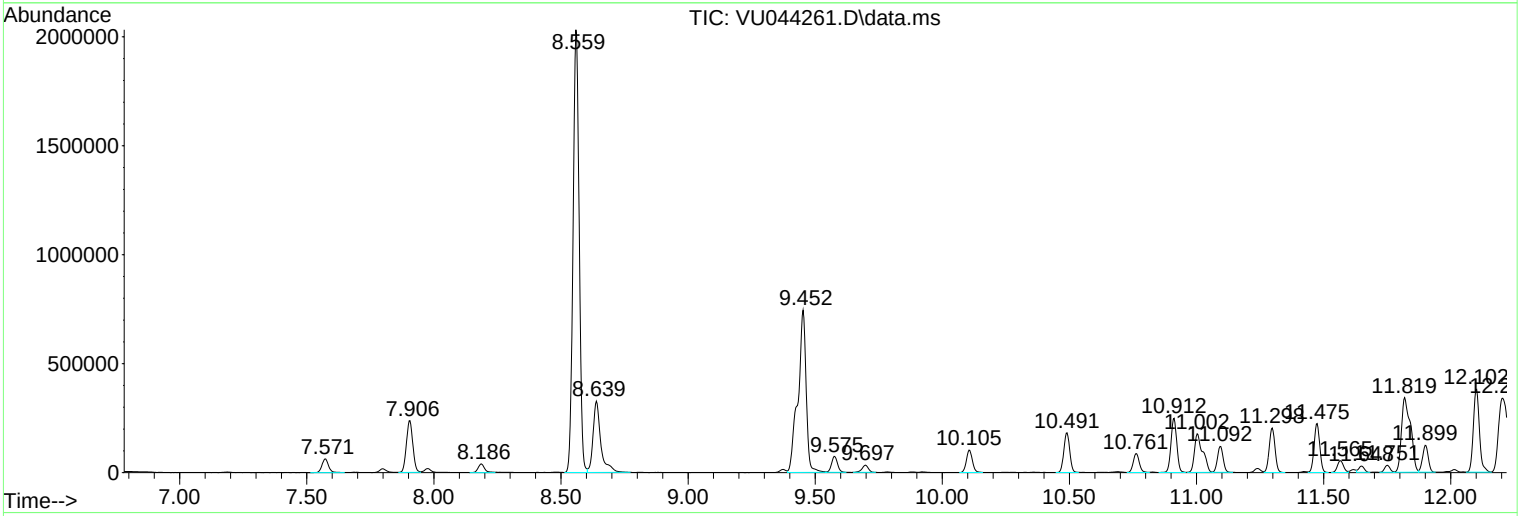
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
Data File : VU044261.D
Acq On : 30 Jun 2021 14:46
Operator : SY/MD
Sample : M2905-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

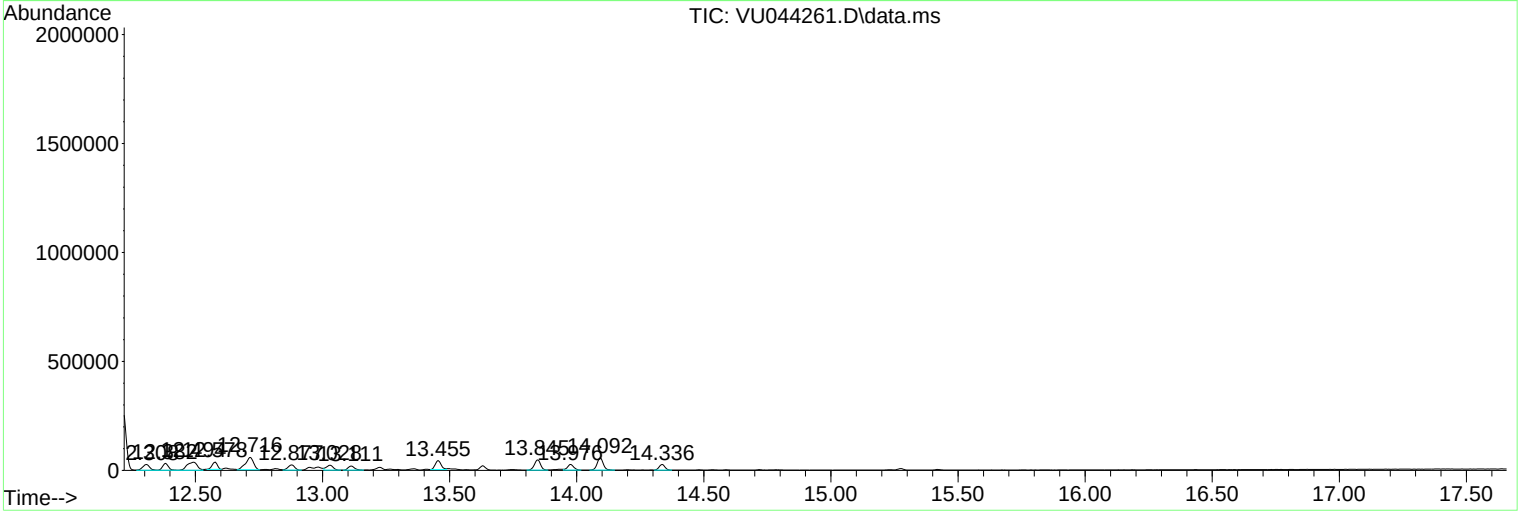
Instrument :
MSVOA_U
ClientSampleId :
DBK24

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 : VU044261.D
Acq On : 30 Jun 2021 14:46
Operator : SY/MD
Sample : M2905-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK24

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

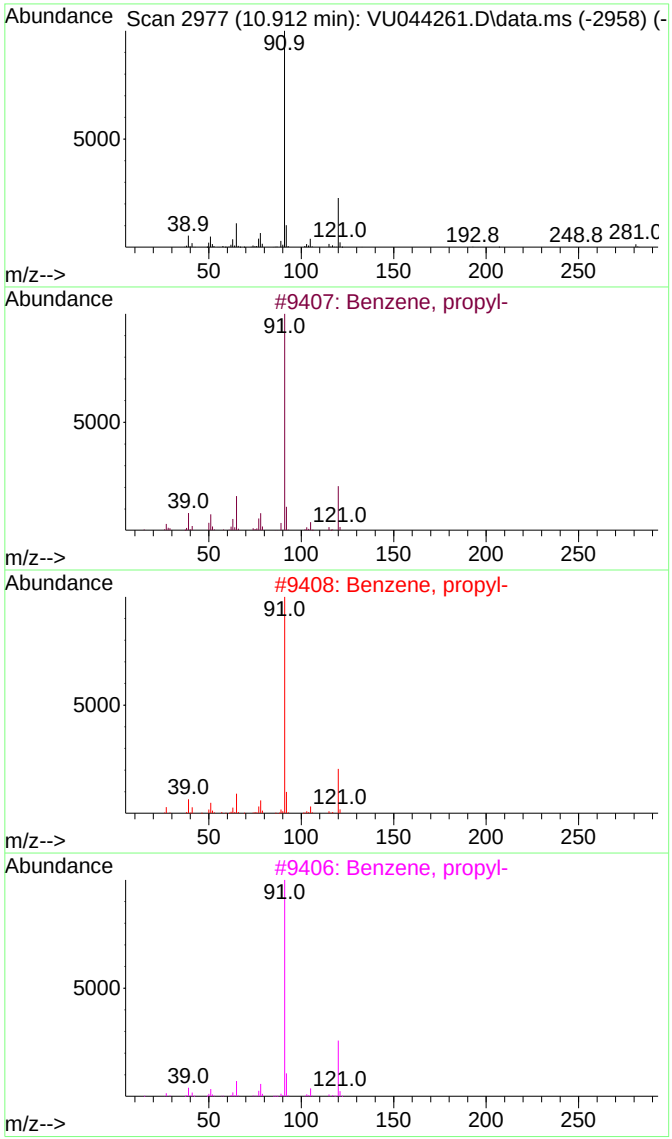
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

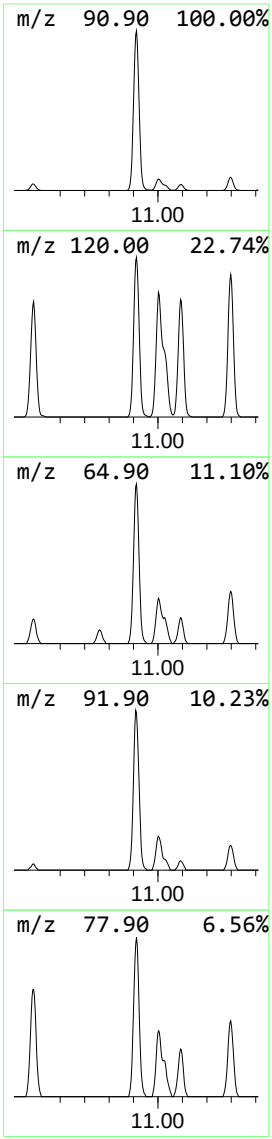
****

Peak Number 2 Benzene, propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.912	2.34 ug/L	395600	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	83
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64
5	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
Data File : VU044261.D
Acq On : 30 Jun 2021 14:46
Operator : SY/MD
Sample : M2905-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK24

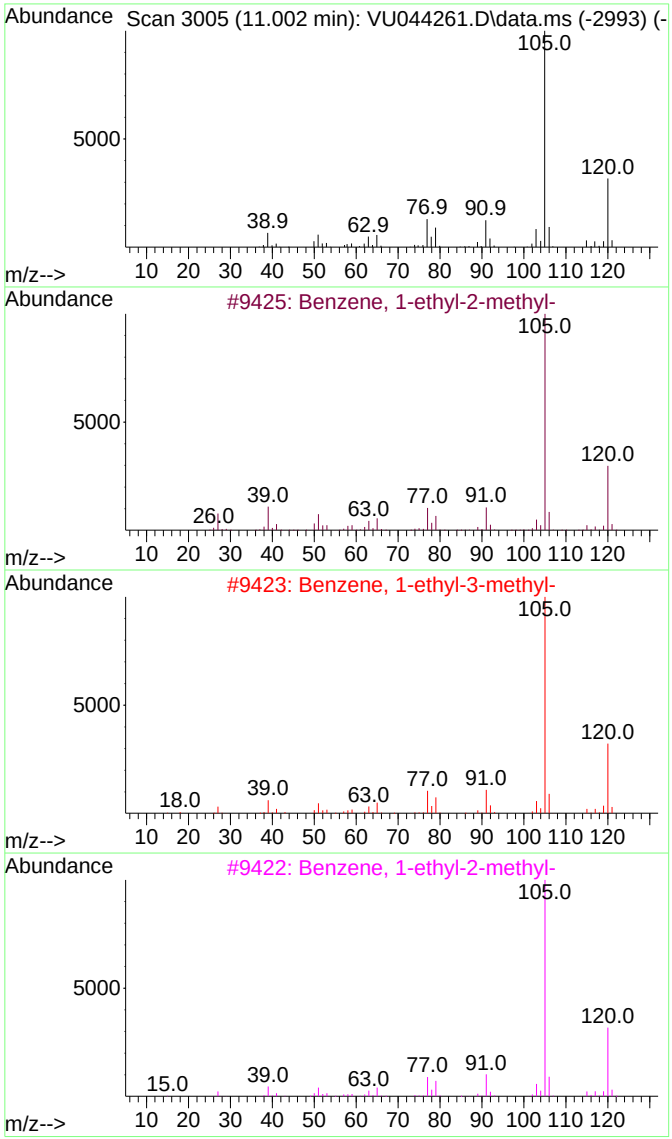
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

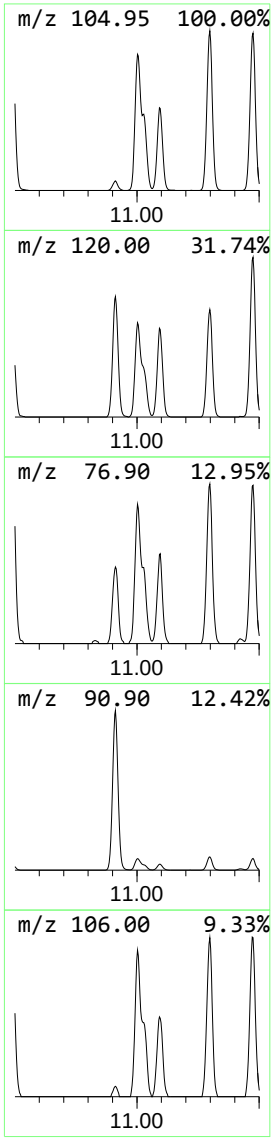
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.002	2.35 ug/L	397733	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-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	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
Data File : VU044261.D
Acq On : 30 Jun 2021 14:46
Operator : SY/MD
Sample : M2905-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK24

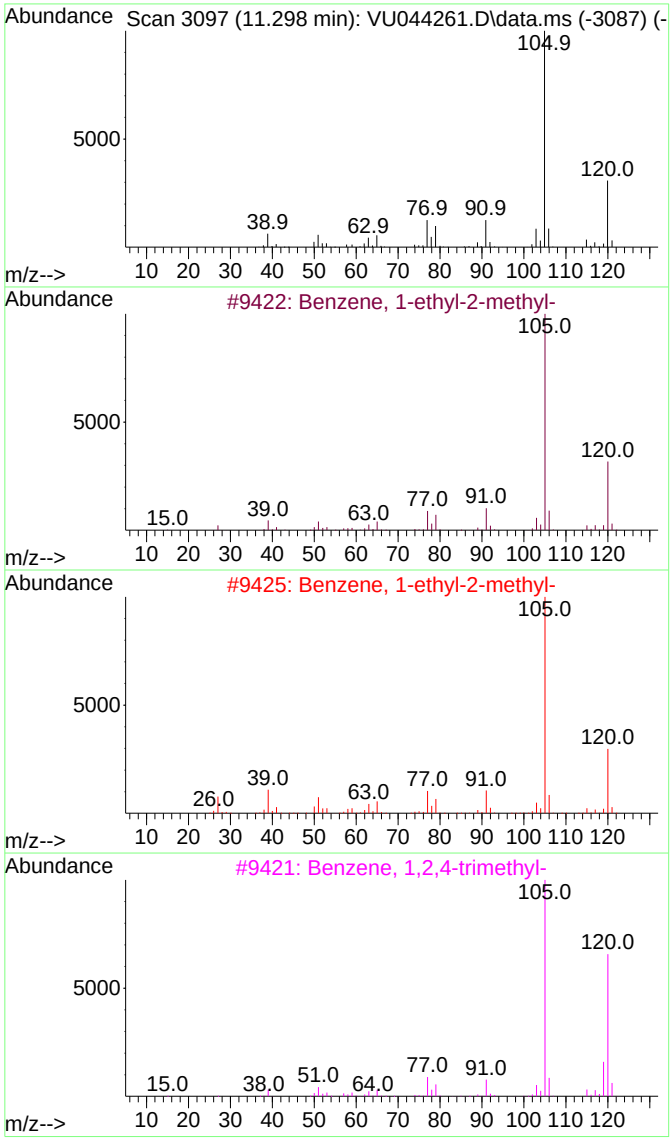
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

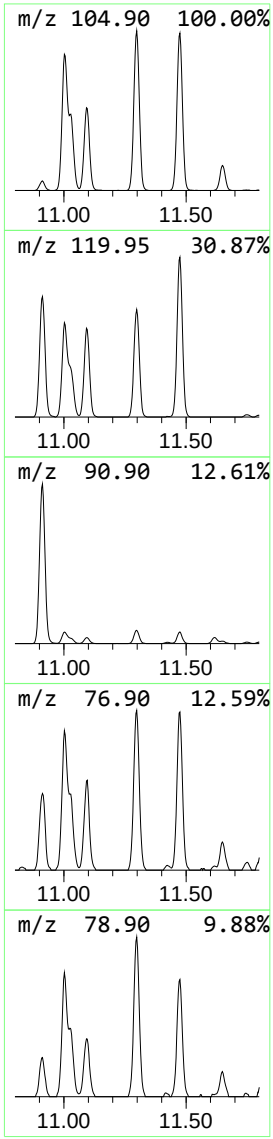
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.298	1.91 ug/L	323867	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	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
Data File : VU044261.D
Acq On : 30 Jun 2021 14:46
Operator : SY/MD
Sample : M2905-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK24

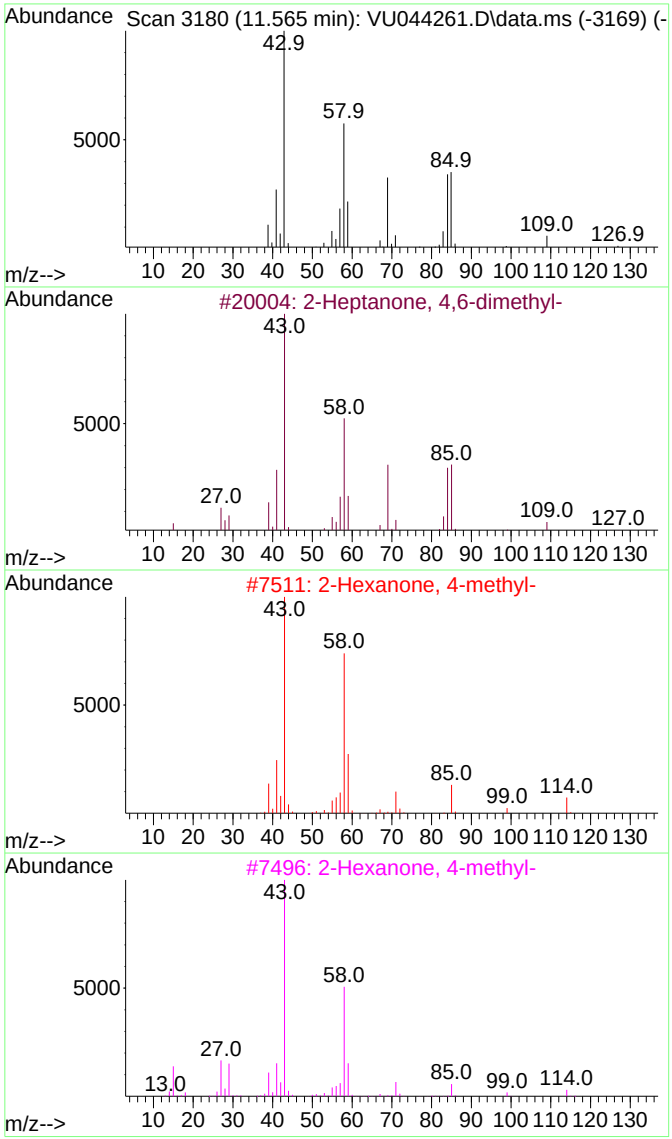
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

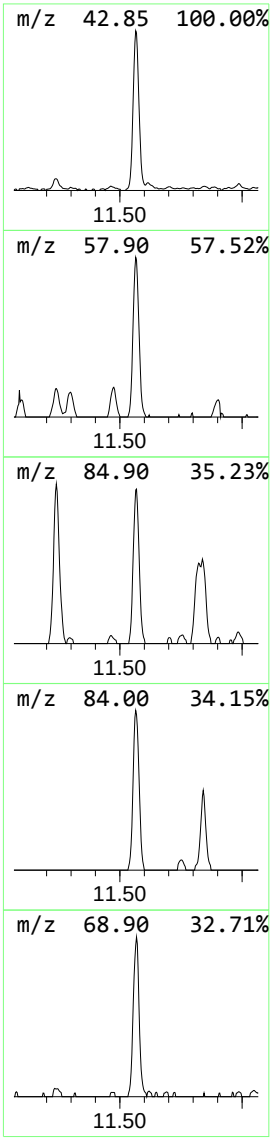
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Heptanone, 4,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.565	0.53 ug/L	90385	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	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	43
3	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	38
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	38
5	2-Hexanone	100	C6H12O	000591-78-6	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
Data File : VU044261.D
Acq On : 30 Jun 2021 14:46
Operator : SY/MD
Sample : M2905-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK24

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

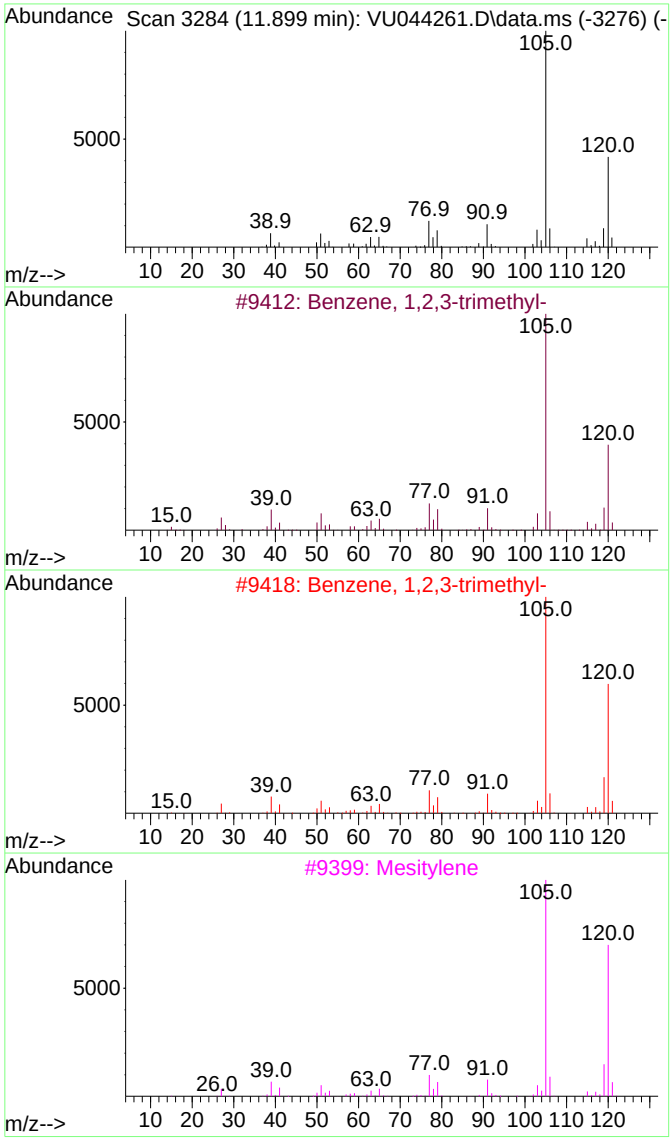
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

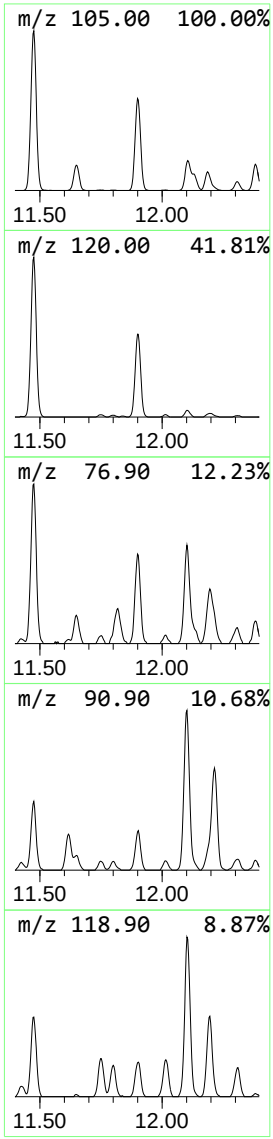
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.899	1.14 ug/L	193003	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	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
Data File : VU044261.D
Acq On : 30 Jun 2021 14:46
Operator : SY/MD
Sample : M2905-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK24

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

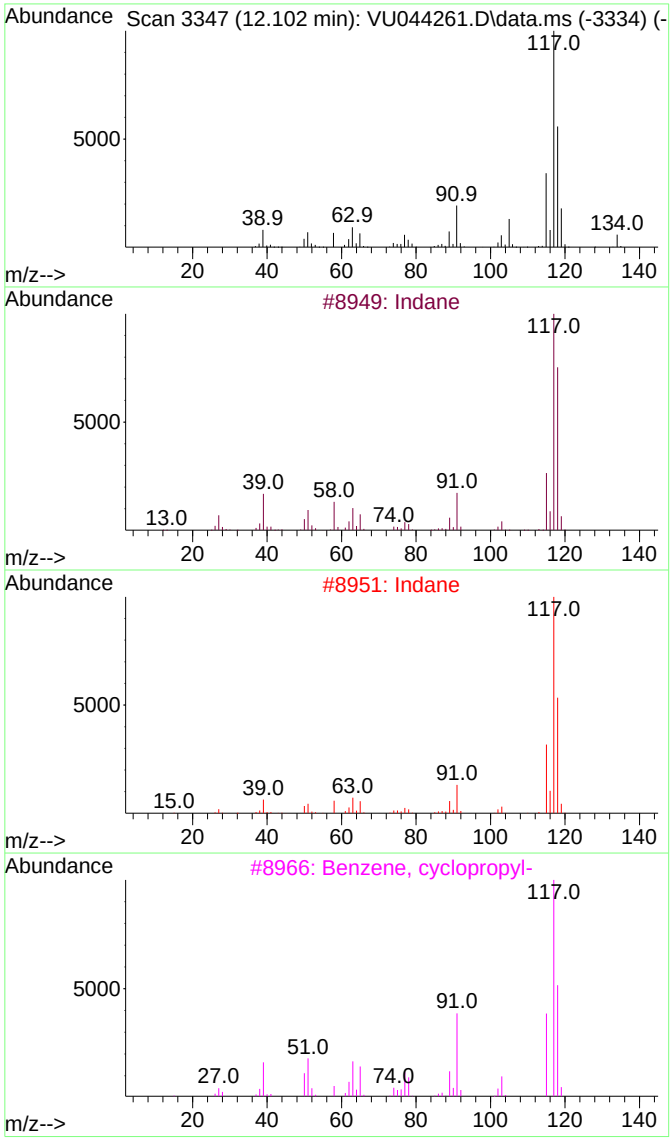
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

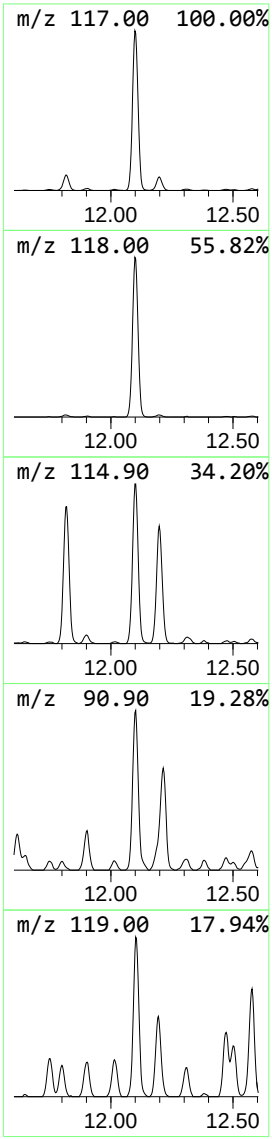
****

Peak Number 7 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.102	3.71 ug/L	628047	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Indane	118	C9H10	000496-11-7	76
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
4	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	76
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
Data File : VU044261.D
Acq On : 30 Jun 2021 14:46
Operator : SY/MD
Sample : M2905-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK24

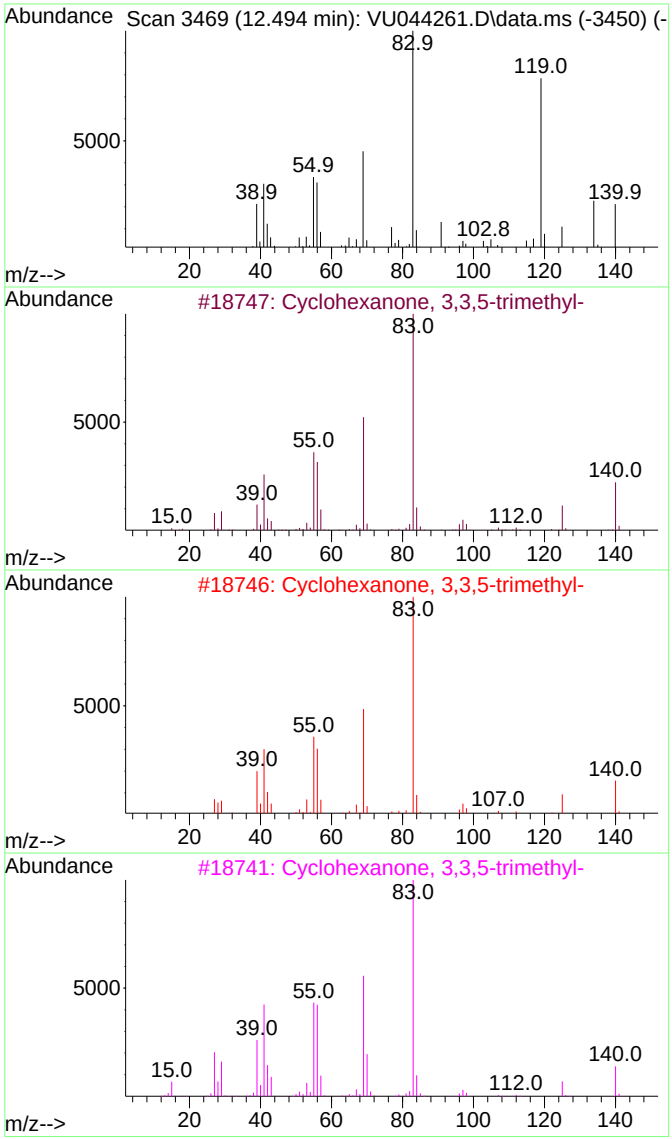
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

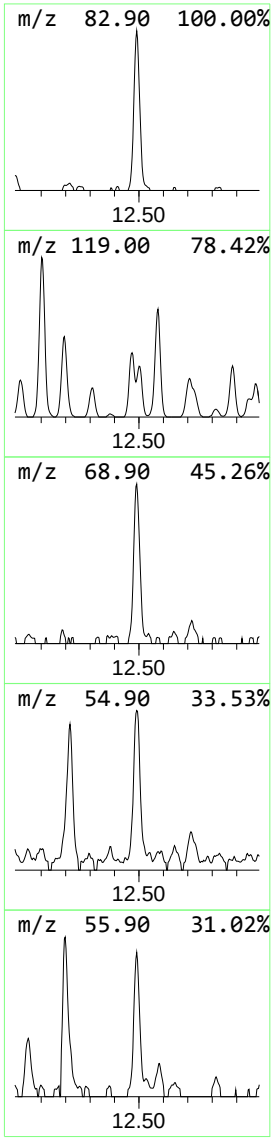
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclohexanone, 3,3,5-trimet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.494	0.61 ug/L	102715	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	87
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	70
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	55
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	46
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
Data File : VU044261.D
Acq On : 30 Jun 2021 14:46
Operator : SY/MD
Sample : M2905-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK24

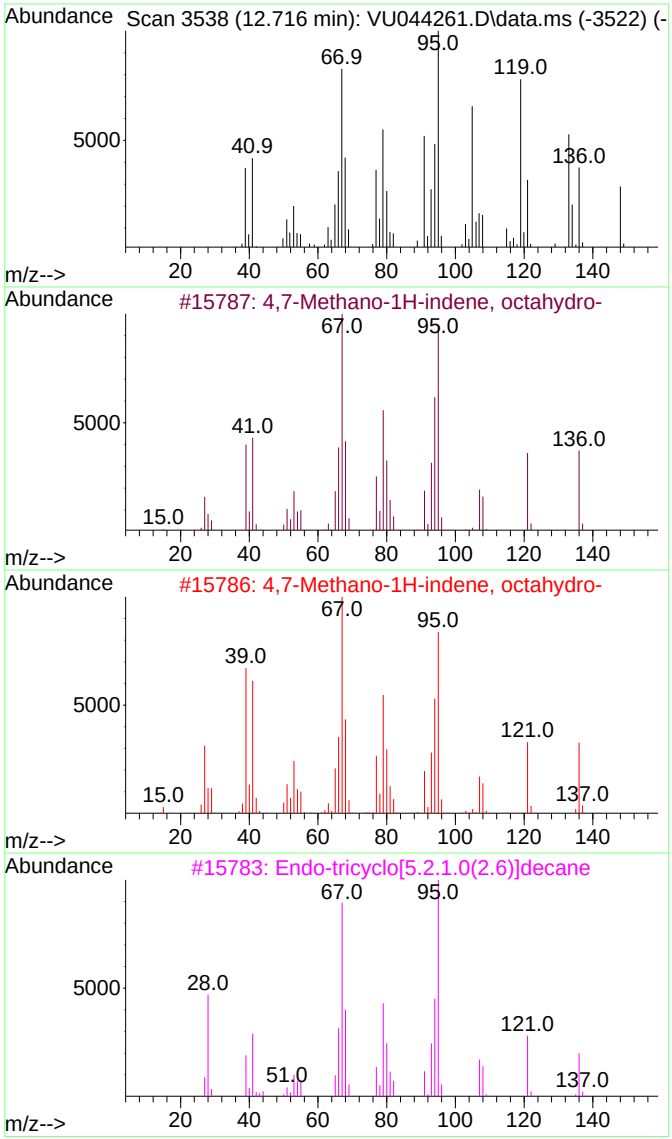
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

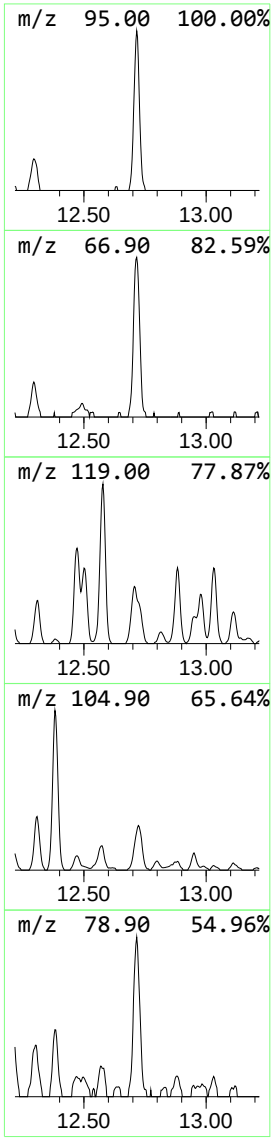
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4,7-Methano-1H-indene, octa... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.716	0.75 ug/L	126190	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	4,7-Methano-1H-indene, octahydro-	136	C10H16	006004-38-2	96
3	Endo-tricyclo[5.2.1.0(2.6)]decane	136	C10H16	1000215-28-8	91
4	Exo-tricyclo[5.2.1.0(2.6)]decane	136	C10H16	1000215-28-7	90
5	1-Cyclopentylcyclopentene	136	C10H16	004884-21-3	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
Data File : VU044261.D
Acq On : 30 Jun 2021 14:46
Operator : SY/MD
Sample : M2905-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK24

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

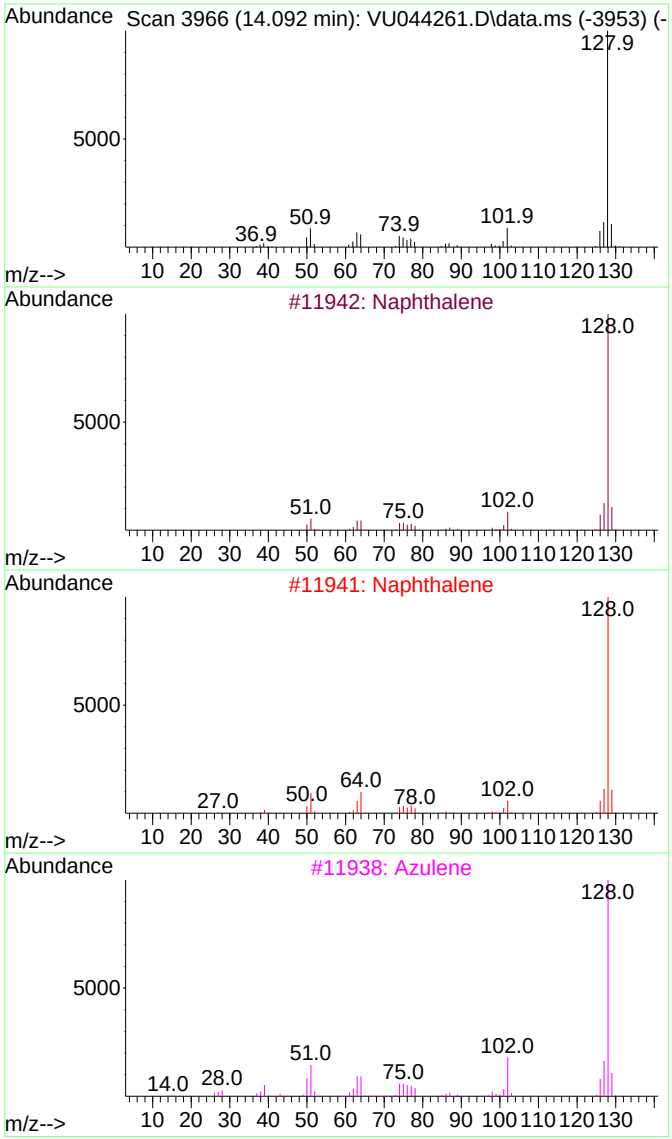
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

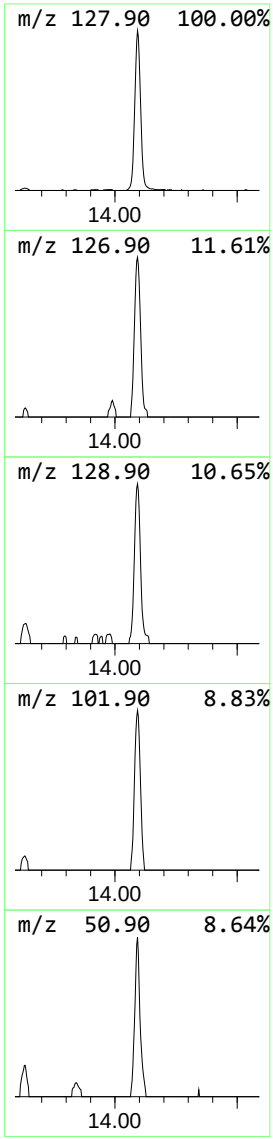
****

Peak Number 10 Azulene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.092	0.56 ug/L	94430	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	93
3	Azulene	128	C10H8	000275-51-4	91
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
Data File : VU044261.D
Acq On : 30 Jun 2021 14:46
Operator : SY/MD
Sample : M2905-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK24

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	2.3	ug/L	395600	3	11.819	845898	5.0
Benzene, 1-ethy...	11.002	2.4	ug/L	397733	3	11.819	845898	5.0
Benzene, 1-ethy...	11.298	1.9	ug/L	323867	3	11.819	845898	5.0
2-Heptanone, 4,...	11.565	0.5	ug/L	90385	3	11.819	845898	5.0
Benzene, 1,2,3-...	11.899	1.1	ug/L	193003	3	11.819	845898	5.0
Indane	12.102	3.7	ug/L	628047	3	11.819	845898	5.0
Cyclohexanone, ...	12.494	0.6	ug/L	102715	3	11.819	845898	5.0
4,7-Methano-1H-...	12.716	0.8	ug/L	126190	3	11.819	845898	5.0
Azulene	14.092	0.6	ug/L	94430	3	11.819	845898	5.0