LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112421\
Data File : VU045994.D
Acq On : 24 Nov 2021 15:03
Operator : SY/MD
Sample : M4722-08DL 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48DL

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\SFAMUTR111521WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU045994.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	73	81	90	rBV2	35711	38548	5.11%	0.772%
2	1.916	171	179	191	rBV	35101	45582	6.04%	0.912%
3	1.999	196	205	221	rVB	70022	96210	12.74%	1.926%
4	2.208	262	270	281	rVB	8739	13427	1.78%	0.269%
5	2.472	342	352	362	rVB2	7378	10711	1.42%	0.214%
6	2.572	372	383	397	rBV	60653	99542	13.18%	1.992%
7	3.048	513	531	538	rBV5	13965	32765	4.34%	0.656%
8	3.086	538	543	552	rVV2	15432	28877	3.82%	0.578%
9	3.144	552	561	580	rVB3	14572	31033	4.11%	0.621%
10	3.366	616	630	646	rBV2	14317	31689	4.20%	0.634%
11	4.539	978	995	1010	rBV3	26429	63061	8.35%	1.262%
12	4.649	1010	1029	1082	rBV	51446	208018	27.55%	4.163%
13	5.067	1140	1159	1180	rBV	70080	162549	21.53%	3.253%
14	5.391	1246	1260	1274	rBV5	12269	29939	3.97%	0.599%
15	5.469	1274	1284	1299	rVB6	3672	8062	1.07%	0.161%
16	5.594	1313	1323	1333	rBV5	3880	7926	1.05%	0.159%
17	5.729	1344	1365	1371	rBV2	143247	362567	48.02%	7.257%
18	5.777	1371	1380	1396	rVV	367426	754979	100.00%	15.110%
19	5.851	1397	1403	1410	rVV9	6670	14128	1.87%	0.283%
20	5.900	1410	1418	1435	rVB9	9538	26395	3.50%	0.528%
21	6.253	1511	1528	1542	rBV	110219	208455	27.61%	4.172%
22	6.694	1652	1665	1678	rBV	91714	178867	23.69%	3.580%
23	6.764	1683	1687	1698	rVB5	8260	13493	1.79%	0.270%
24	7.186	1802	1818	1828	rBV7	5304	11987	1.59%	0.240%
25	7.568	1925	1937	1953	rVB	33427	57608	7.63%	1.153%
26	7.899	2020	2040	2053	rBV	166332	293862	38.92%	5.881%
27	7.973	2053	2063	2080	rVB	27681	50647	6.71%	1.014%
28	8.182	2116	2128	2141	rBV	20892	34842	4.61%	0.697%
29	8.472	2209	2218	2232	rVB2	7377	12561	1.66%	0.251%
30	8.636	2257	2269	2312	rBV	239990	495124	65.58%	9.910%
31	9.420	2501	2513	2529	rBV	155675	266479	35.30%	5.333%
32	9.571	2547	2560	2579	rBV	133984	228474	30.26%	4.573%
33	9.697	2585	2599	2611	rVB2	13883	23685	3.14%	0.474%
34	10.485	2835	2844	2856	rBV2	7307	11634	1.54%	0.233%
35	10.758	2916	2929	2945	rBV	79321	124758	16.52%	2.497%
36	10.903	2962	2974	2989	rVB3	26828	50020	6.63%	1.001%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112421\
Data File : VU045994.D
Acq On : 24 Nov 2021 15:03
Operator : SY/MD
Sample : M4722-08DL 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48DL

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\SFAMUTR111521WMA.M
Title : TRACE VOA SFAM1.0

37	11.025	2997	3012	3026	rVB2	6738	12012	1.59%	0.240%
38	11.292	3087	3095	3107	rVB2	6644	9884	1.31%	0.198%
39	11.812	3245	3257	3272	rBV	163057	257824	34.15%	5.160%
40	12.095	3333	3345	3361	rBB2	58080	92821	12.29%	1.858%
41	12.195	3361	3376	3391	rBV	183597	299508	39.67%	5.994%
42	12.571	3483	3493	3501	rBV	17929	25755	3.41%	0.515%
43	12.681	3515	3527	3539	rBV	25497	38395	5.09%	0.768%
44	12.774	3546	3556	3567	rBV2	7887	12567	1.66%	0.252%
45	12.973	3609	3618	3627	rBV2	9977	14026	1.86%	0.281%
46	13.295	3708	3718	3731	rVB2	14375	20368	2.70%	0.408%
47	13.455	3758	3768	3781	rVB2	29542	47486	6.29%	0.950%
48	14.086	3954	3964	3978	rBV	16552	25174	3.33%	0.504%
49	14.208	3992	4002	4011	rVB2	8268	12104	1.60%	0.242%

Sum of corrected areas: 4996428

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112421\
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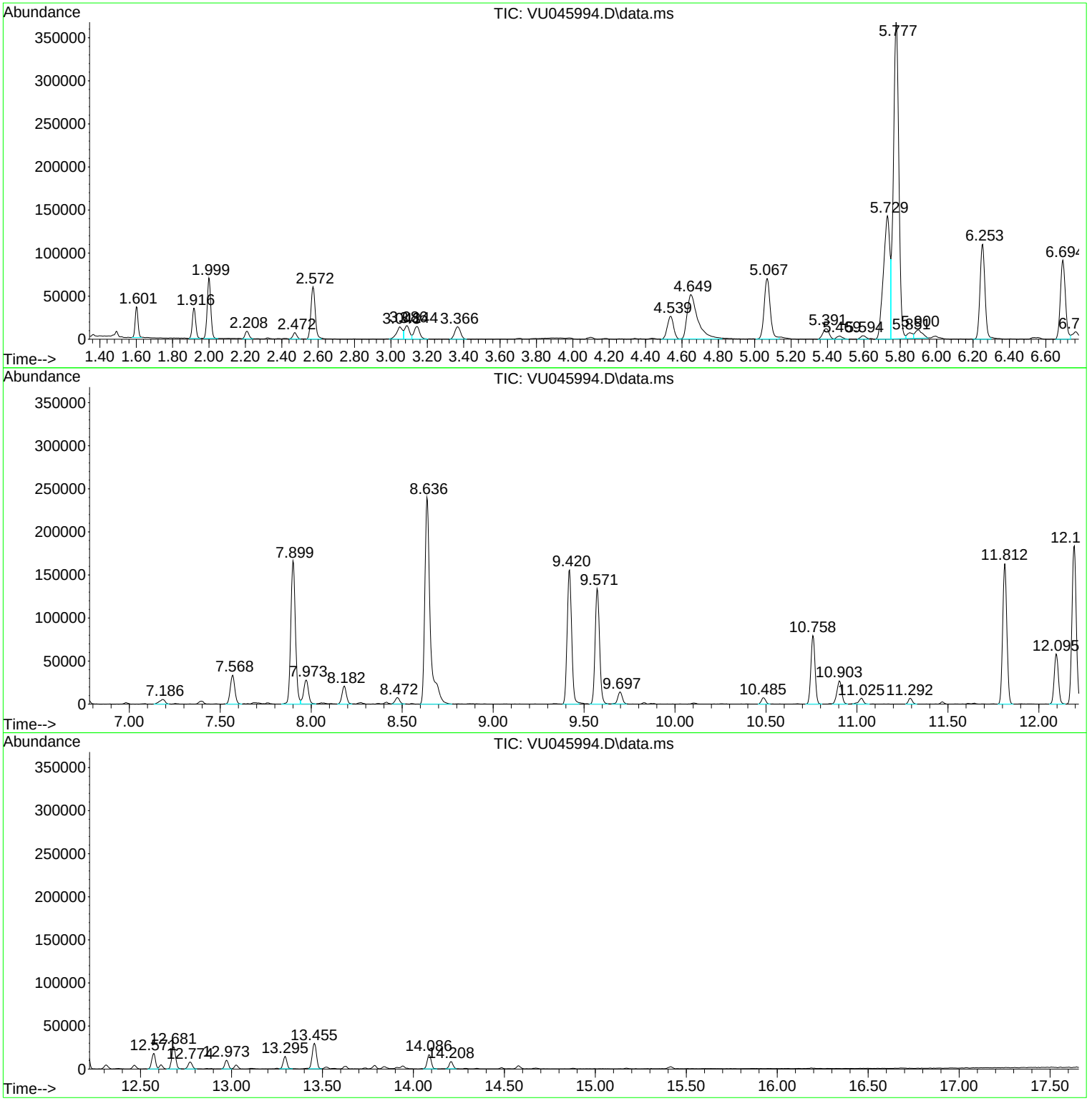
Operator : SY/MD
Sample : M4722-08DL 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112421\
Data File : VU045994.D
Acq On : 24 Nov 2021 15:03
Operator : SY/MD
Sample : M4722-08DL 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48DL

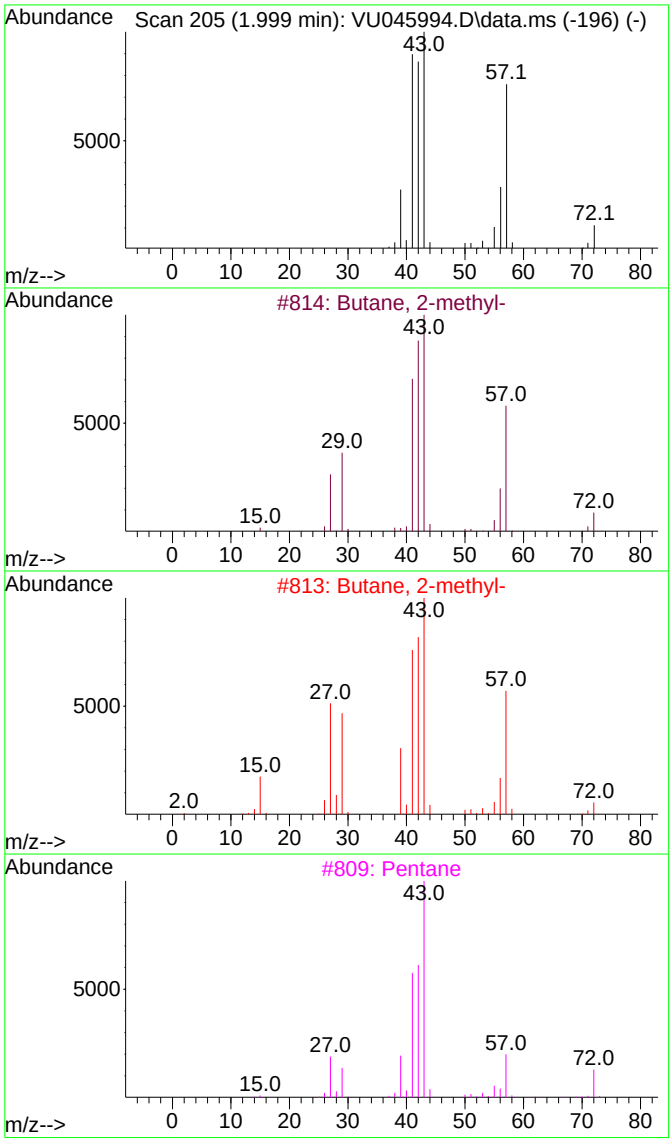
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

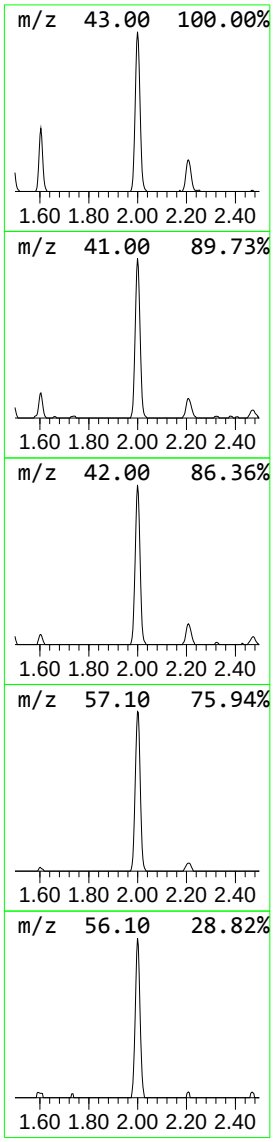
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.999	2.31 ug/L	96210	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	Butane, 2-methyl-	72	C5H12	000078-78-4	80
3	Pentane	72	C5H12	000109-66-0	33
4	3-Buten-1-ol	72	C4H8O	000627-27-0	25
5	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112421\
Data File : VU045994.D
Acq On : 24 Nov 2021 15:03
Operator : SY/MD
Sample : M4722-08DL 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48DL

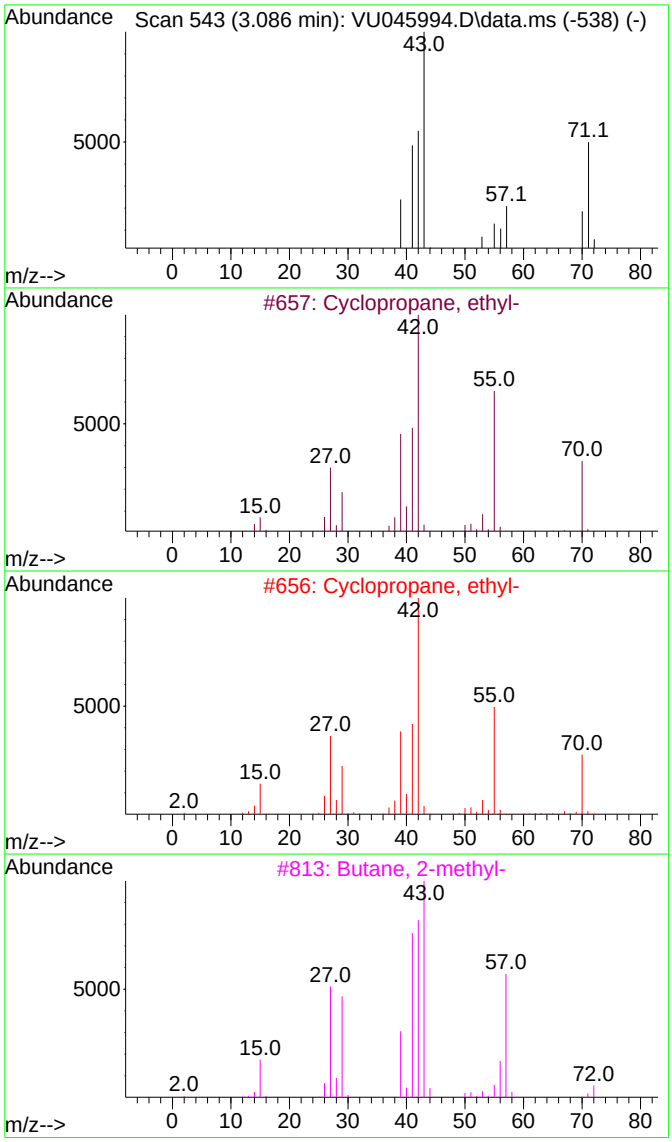
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

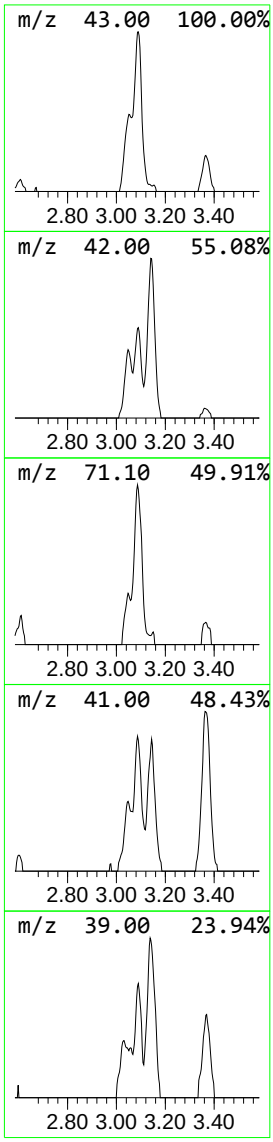
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic3.086 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.086	0.69 ug/L	28877	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	12
2	Cyclopropane, ethyl-	70	C5H10	001191-96-4	12
3	Butane, 2-methyl-	72	C5H12	000078-78-4	9
4	Azetidine, 1-methyl-	71	C4H9N	004923-79-9	9
5	Ethoxyacetylene	70	C4H6O	000927-80-0	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112421\
Data File : VU045994.D
Acq On : 24 Nov 2021 15:03
Operator : SY/MD
Sample : M4722-08DL 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48DL

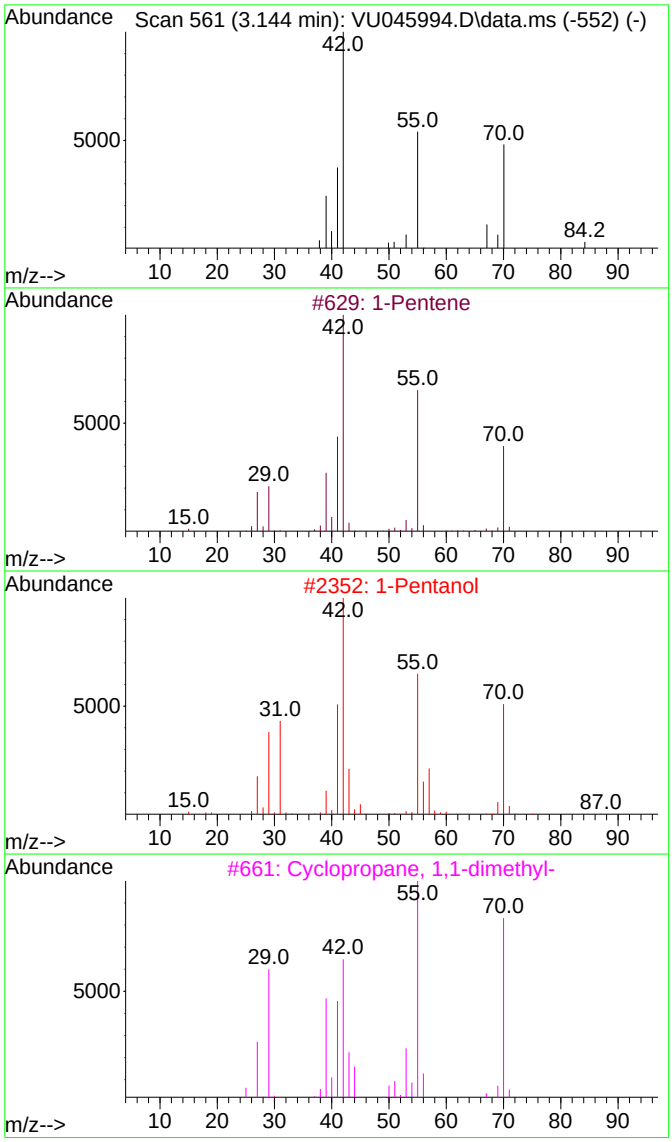
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

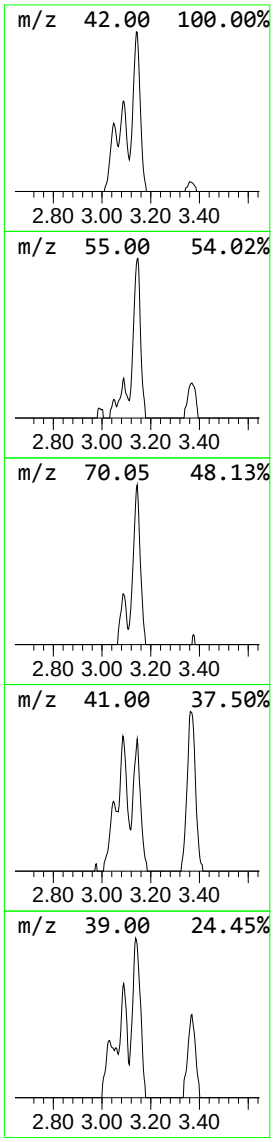
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.144	0.74 ug/L	31033	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene	70	C5H10	000109-67-1	86
2	1-Pentanol	88	C5H12O	000071-41-0	40
3	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	32
4	2-Pentene, (E)-	70	C5H10	000646-04-8	28
5	2-Hexene, (Z)-	84	C6H12	007688-21-3	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112421\
Data File : VU045994.D
Acq On : 24 Nov 2021 15:03
Operator : SY/MD
Sample : M4722-08DL 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48DL

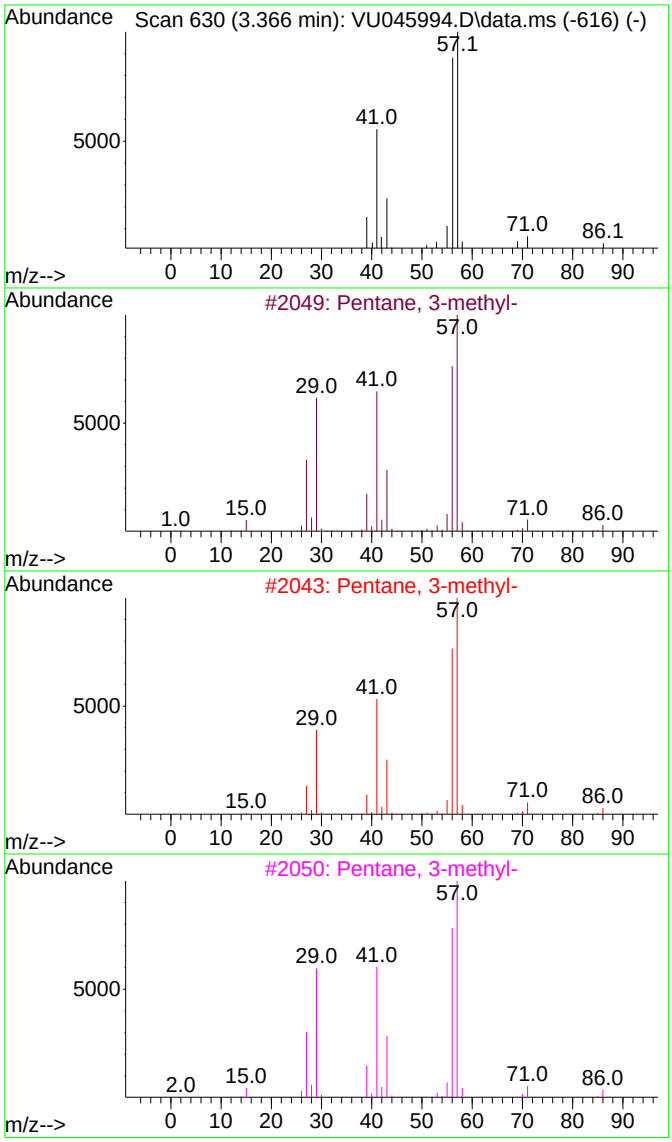
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

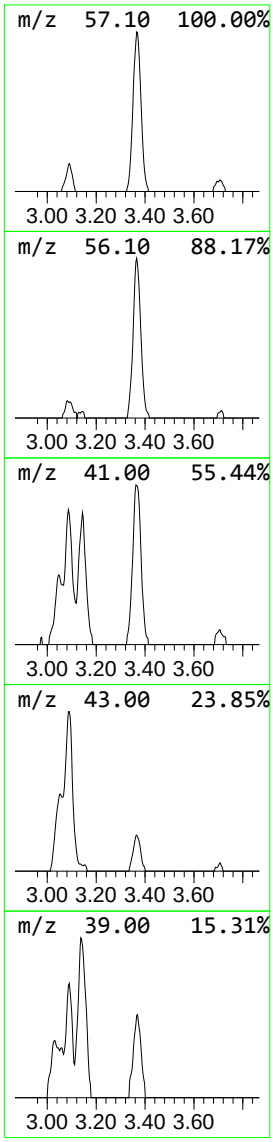
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.366	0.76 ug/L	31689	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	74
5	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112421\
Data File : VU045994.D
Acq On : 24 Nov 2021 15:03
Operator : SY/MD
Sample : M4722-08DL 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48DL

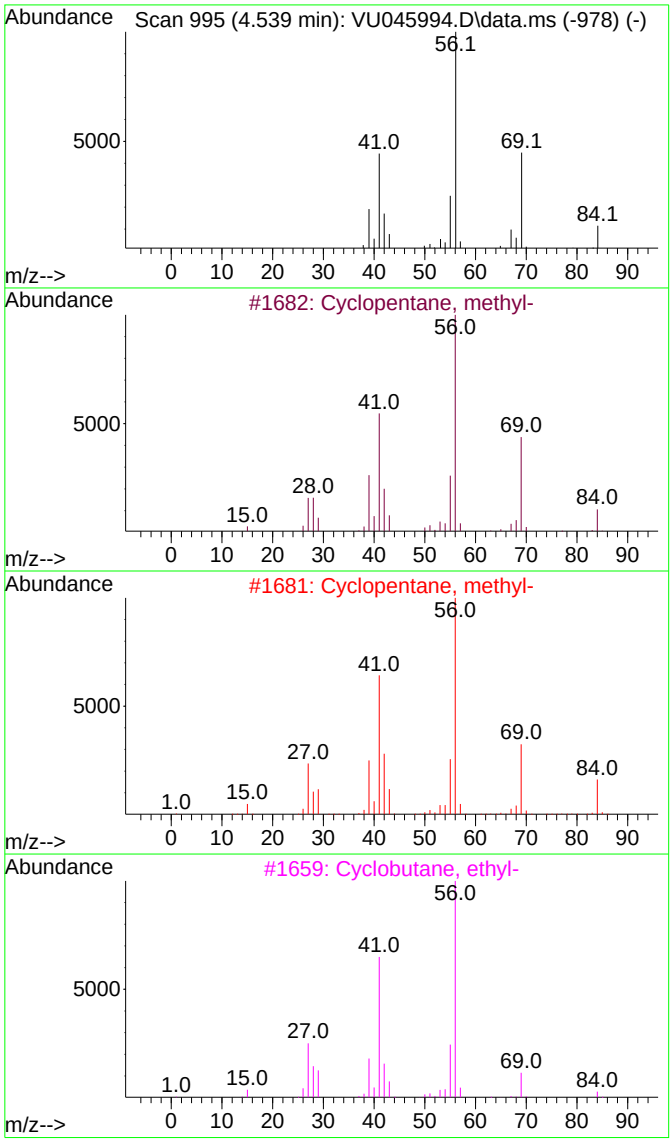
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

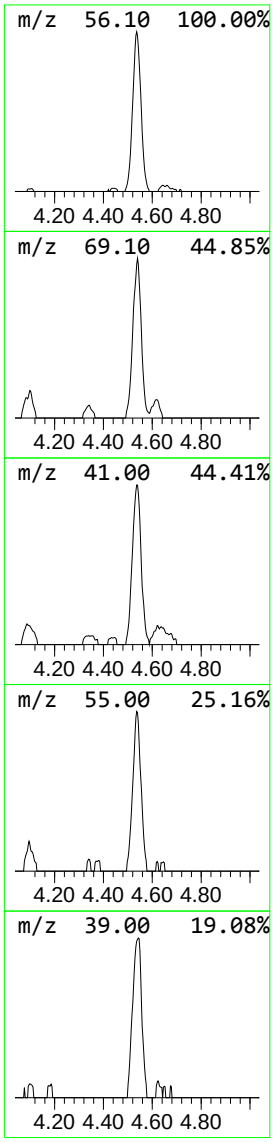
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic4.539 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.539	1.51 ug/L	63061	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	80
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	80
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112421\
Data File : VU045994.D
Acq On : 24 Nov 2021 15:03
Operator : SY/MD
Sample : M4722-08DL 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

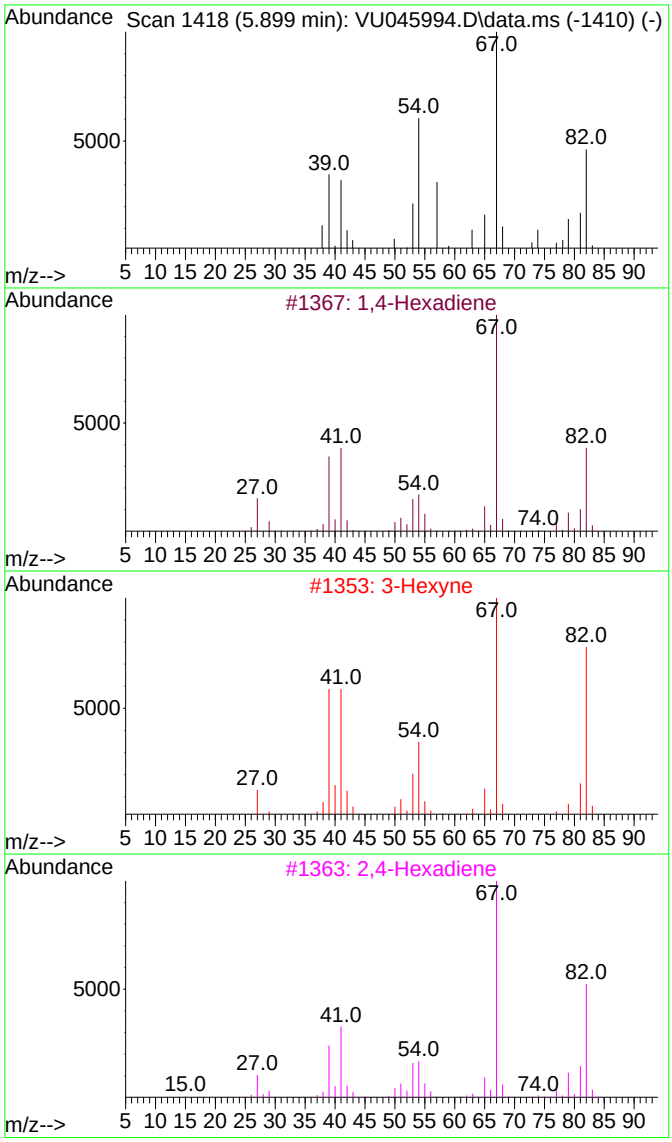
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

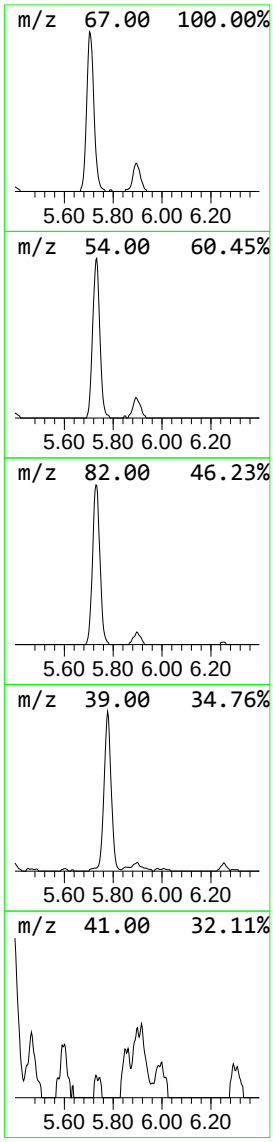
****

Peak Number 7 1,4-Hexadiene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.899	0.63 ug/L	26395	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Hexadiene	82	C6H10	000592-45-0	64
2	3-Hexyne	82	C6H10	000928-49-4	64
3	2,4-Hexadiene	82	C6H10	000592-46-1	64
4	1,3-Pentadiene, 3-methyl-, (Z)-	82	C6H10	002787-45-3	64
5	Cyclohexene	82	C6H10	000110-83-8	64





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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48DL

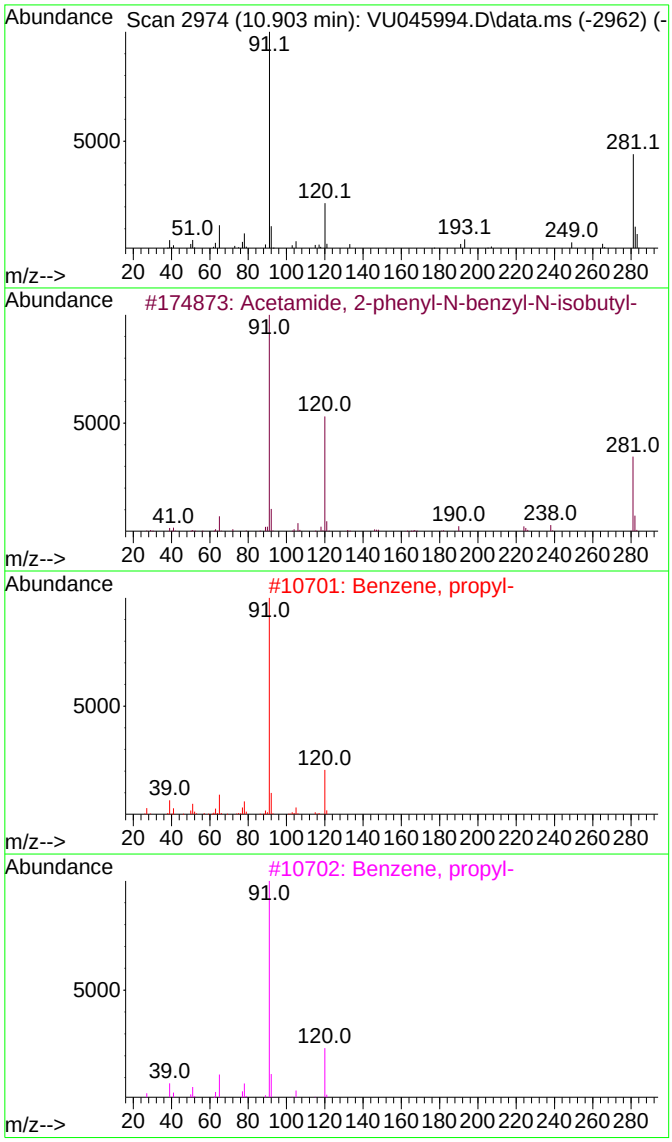
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

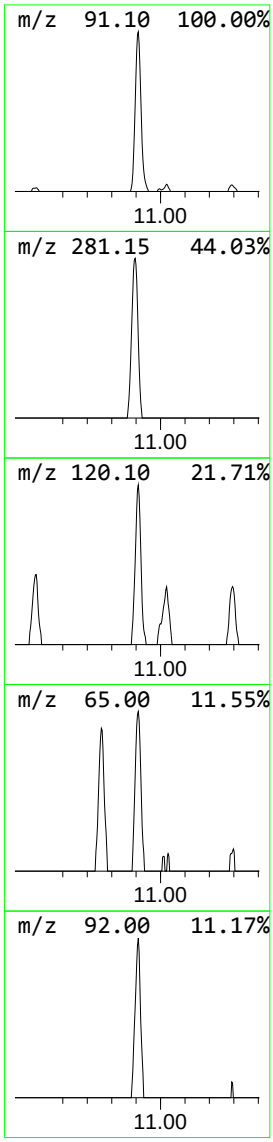
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Acetamide, 2-phenyl-N-benzy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.903	0.97 ug/L	50020	1,4-Dichlorobenzene-d4	11.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, 2-phenyl-N-benzyl-N-i...	281	C19H23NO	1000446-79-5	72
2	Benzene, propyl-	120	C9H12	000103-65-1	42
3	Benzene, propyl-	120	C9H12	000103-65-1	42
4	Benzene, propyl-	120	C9H12	000103-65-1	42
5	Benzene, propyl-	120	C9H12	000103-65-1	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112421\
Data File : VU045994.D
Acq On : 24 Nov 2021 15:03
Operator : SY/MD
Sample : M4722-08DL 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

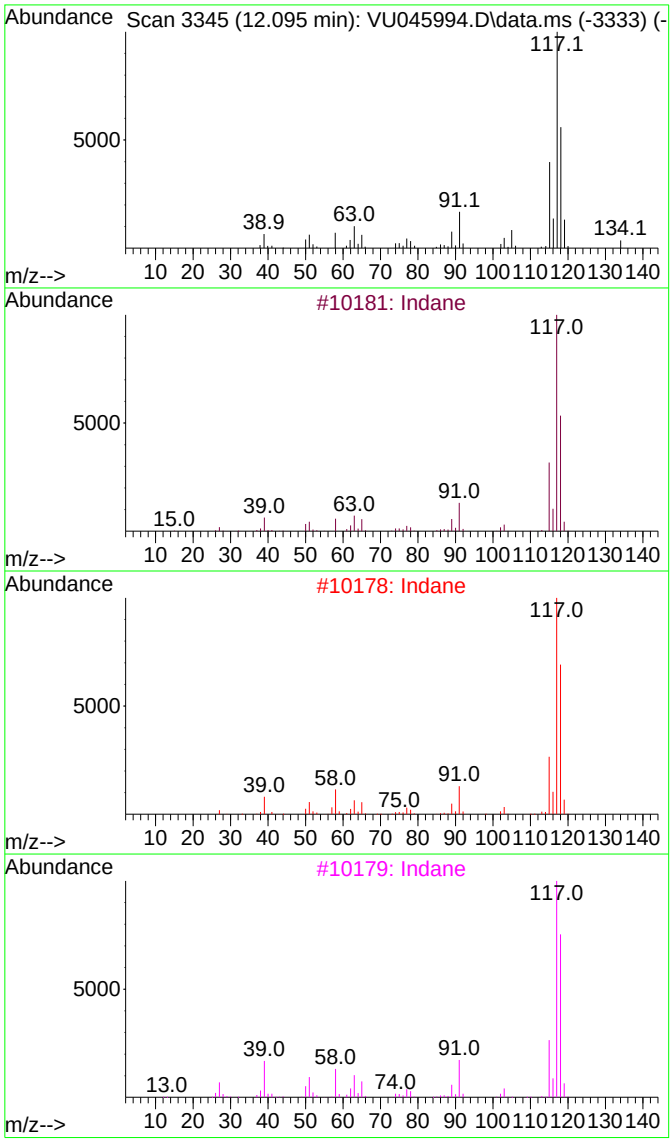
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

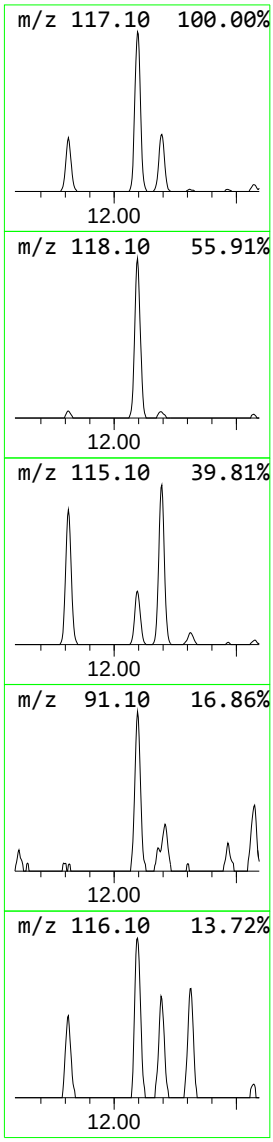
****

Peak Number 10 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.095	1.80 ug/L	92821	1,4-Dichlorobenzene-d4	11.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	76
3	Indane	118	C9H10	000496-11-7	70
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112421\
Data File : VU045994.D
Acq On : 24 Nov 2021 15:03
Operator : SY/MD
Sample : M4722-08DL 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

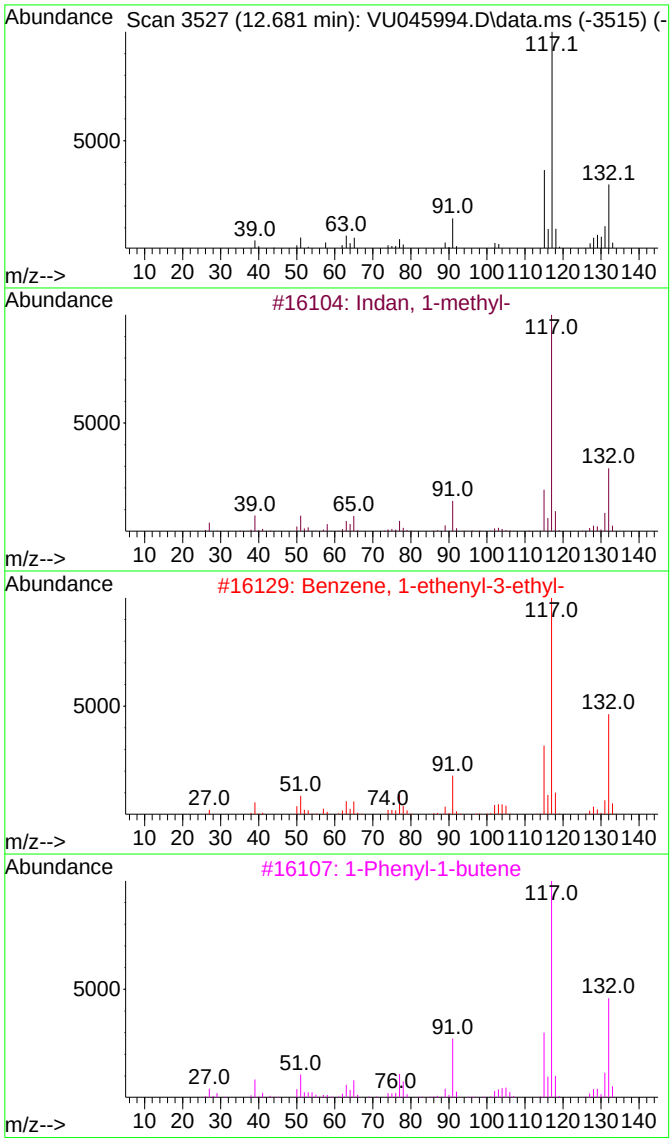
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

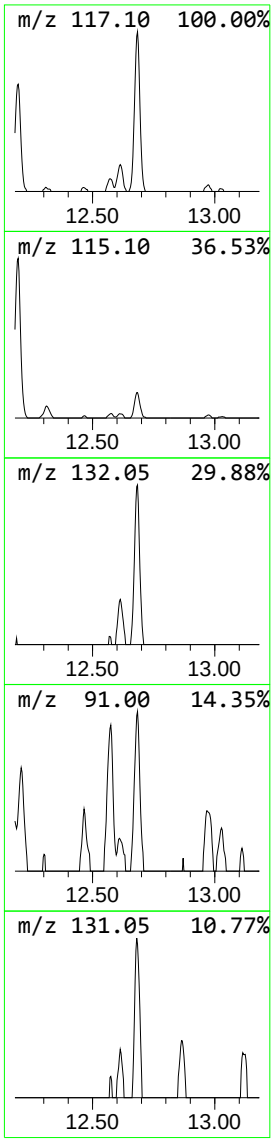
****

Peak Number 11 Indan, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.681	0.74 ug/L	38395	1,4-Dichlorobenzene-d4	11.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	90
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	86
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	80
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	80
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112421\
Data File : VU045994.D
Acq On : 24 Nov 2021 15:03
Operator : SY/MD
Sample : M4722-08DL 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48DL

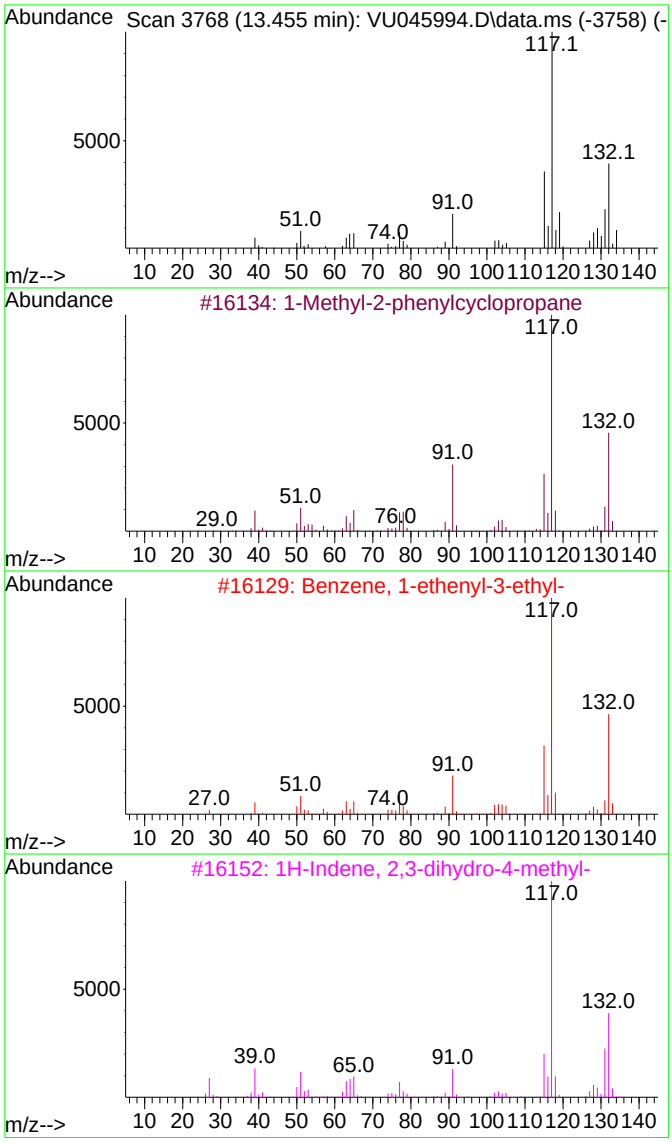
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

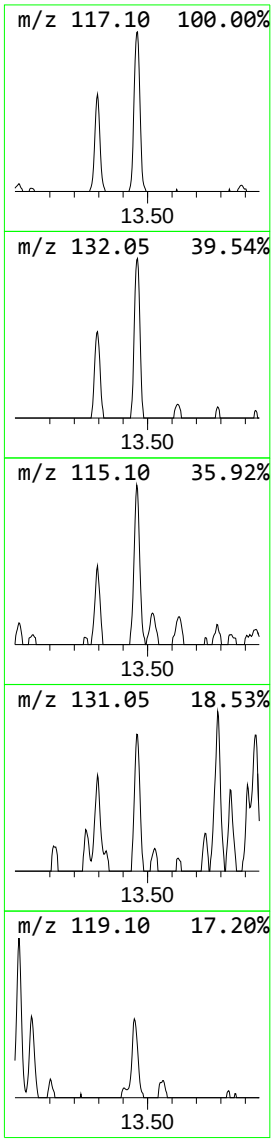
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1-Methyl-2-phenylcyclopropane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.456	0.92 ug/L	47486	1,4-Dichlorobenzene-d4	11.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	83
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	80
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112421\
Data File : VU045994.D
Acq On : 24 Nov 2021 15:03
Operator : SY/MD
Sample : M4722-08DL 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.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...	1.999	2.3	ug/L	96210	1	6.253	208455	5.0
(DEL) Alkane: C...	3.086	0.7	ug/L	28877	1	6.253	208455	5.0
(DEL) Alkane: S...	3.144	0.7	ug/L	31033	1	6.253	208455	5.0
(DEL) Alkane: S...	3.366	0.8	ug/L	31689	1	6.253	208455	5.0
(DEL) Alkane: C...	4.539	1.5	ug/L	63061	1	6.253	208455	5.0
1,4-Hexadiene	5.899	0.6	ug/L	26395	1	6.253	208455	5.0
Acetamide, 2-ph...	10.903	1.0	ug/L	50020	3	11.813	257824	5.0
Indane	12.095	1.8	ug/L	92821	3	11.813	257824	5.0
Indan, 1-methyl-	12.681	0.7	ug/L	38395	3	11.813	257824	5.0
1-Methyl-2-phen...	13.456	0.9	ug/L	47486	3	11.813	257824	5.0