LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045968.D
Acq On : 23 Nov 2021 20:06
Operator : SY/MD
Sample : M4722-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48

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: VU045968.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.604	72	82	93	rBV	774679	827685	2.13%	0.681%
2	1.999	193	205	227	rBV	4378570	5979833	15.40%	4.920%
3	2.208	260	270	293	rVB	519200	770711	1.99%	0.634%
4	2.472	342	352	372	rVB	393537	625601	1.61%	0.515%
5	3.047	491	531	535	rBV3	439493	1180215	3.04%	0.971%
6	3.089	536	544	553	rVV	1005469	2095129	5.40%	1.724%
7	3.144	553	561	589	rVB	914486	1897262	4.89%	1.561%
8	3.369	613	631	652	rVB	937439	2075334	5.35%	1.707%
9	4.539	977	995	1011	rBV	1631561	3915826	10.09%	3.222%
10	4.623	1011	1021	1080	rVB3	91408	469400	1.21%	0.386%
11	5.395	1242	1261	1273	rBV2	796906	1909289	4.92%	1.571%
12	5.465	1274	1283	1308	rVB2	245331	655208	1.69%	0.539%
13	5.597	1309	1324	1336	rBV	278510	627820	1.62%	0.517%
14	5.787	1349	1383	1397	rBV	18395537	38820134	100.00%	31.937%
15	5.858	1397	1405	1410	rVV	343557	696837	1.80%	0.573%
16	5.903	1412	1419	1436	rVB6	532265	1408368	3.63%	1.159%
17	6.764	1671	1687	1710	rVB3	514050	1301175	3.35%	1.070%
18	7.398	1869	1884	1895	rBV	383362	774346	1.99%	0.637%
19	7.970	2050	2062	2074	rBV	1743029	2966975	7.64%	2.441%
20	8.411	2192	2199	2234	rVB	260737	503472	1.30%	0.414%
21	8.636	2259	2269	2281	rBV	273000	510750	1.32%	0.420%
22	9.575	2548	2561	2582	rBV	8760443	13955634	35.95%	11.481%
23	9.697	2589	2599	2615	rVB	1019989	1690478	4.35%	1.391%
24	10.484	2833	2844	2855	rBV	602825	935617	2.41%	0.770%
25	10.906	2964	2975	2989	rVV	1574765	2435362	6.27%	2.004%
26	11.025	2990	3012	3026	rVB	599074	1172039	3.02%	0.964%
27	11.292	3082	3095	3117	rBV	594598	979091	2.52%	0.805%
28	11.809	3243	3256	3271	rVB3	210050	422836	1.09%	0.348%
29	12.095	3328	3345	3362	rBV2	4270039	6844140	17.63%	5.631%
30	12.185	3362	3373	3396	rVV5	594127	1314004	3.38%	1.081%
31	12.311	3399	3412	3424	rVB2	462069	776610	2.00%	0.639%
32	12.465	3450	3460	3475	rBV	415240	623513	1.61%	0.513%
33	12.571	3482	3493	3501	rBV	1595257	2387903	6.15%	1.965%
34	12.613	3501	3506	3517	rVV	402046	592907	1.53%	0.488%
35	12.684	3517	3528	3546	rVB	1800216	2925722	7.54%	2.407%
36	12.973	3600	3618	3627	rBV	948093	1492359	3.84%	1.228%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045968.D
Acq On : 23 Nov 2021 20:06
Operator : SY/MD
Sample : M4722-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48

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	13.028	3627	3635	3649	rVV	492389	770427	1.98%	0.634%
38	13.295	3709	3718	3733	rVB	1204824	1793049	4.62%	1.475%
39	13.455	3758	3768	3781	rVV2	2364793	3884643	10.01%	3.196%
40	13.626	3811	3821	3838	rVB2	341936	558310	1.44%	0.459%
41	13.787	3862	3871	3879	rVB	336278	544123	1.40%	0.448%
42	13.838	3879	3887	3901	rBV3	265261	488760	1.26%	0.402%
43	13.941	3914	3919	3936	rVB2	348495	635310	1.64%	0.523%
44	14.086	3949	3964	3987	rVB	1406000	2283809	5.88%	1.879%
45	14.208	3988	4002	4014	rBV	821602	1364771	3.52%	1.123%
46	15.410	4364	4376	4389	rBV2	364272	668292	1.72%	0.550%

Sum of corrected areas: 121551079

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
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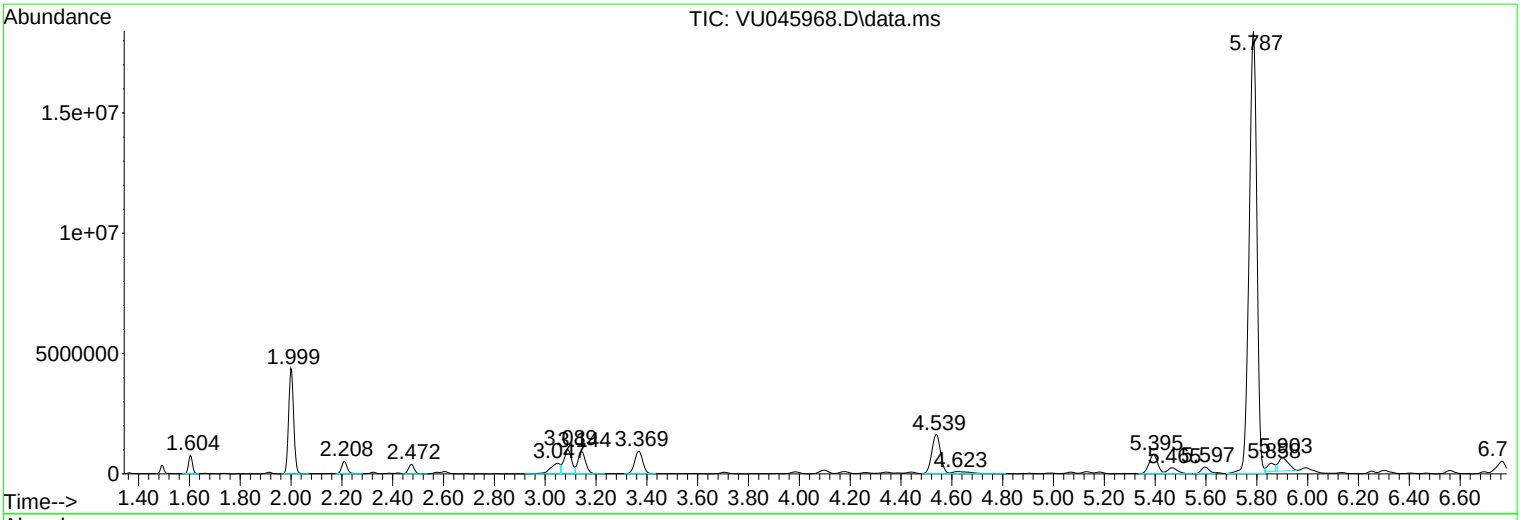
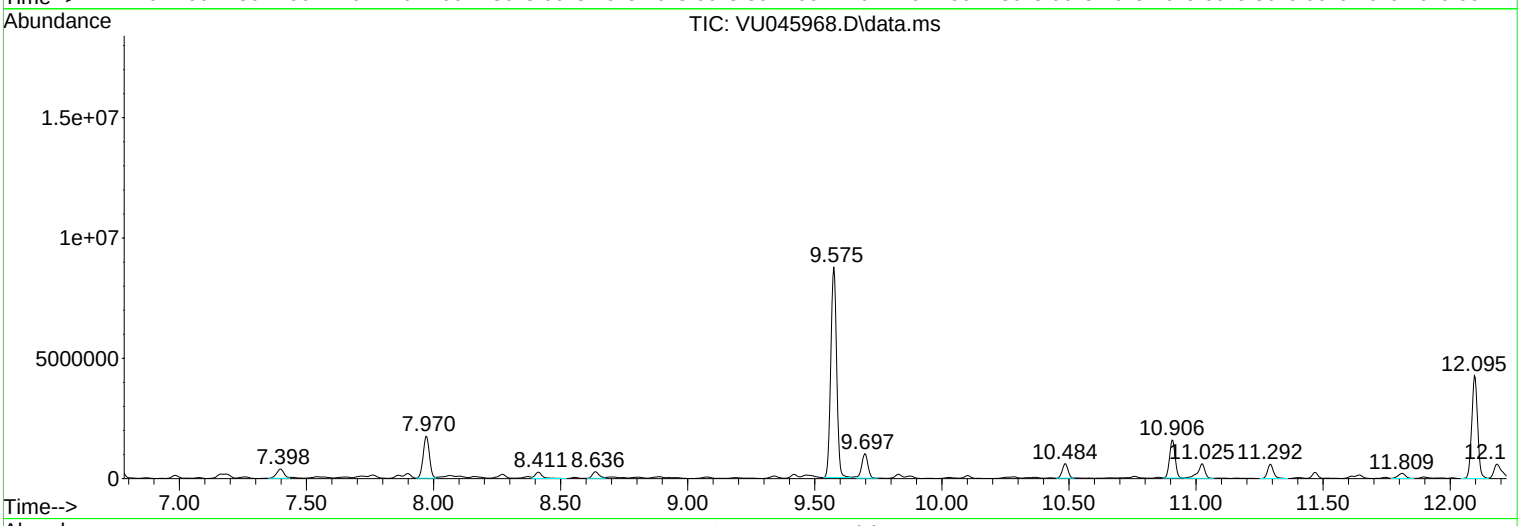
Acq On : 23 Nov 2021 20:06
Operator : SY/MD
Sample : M4722-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

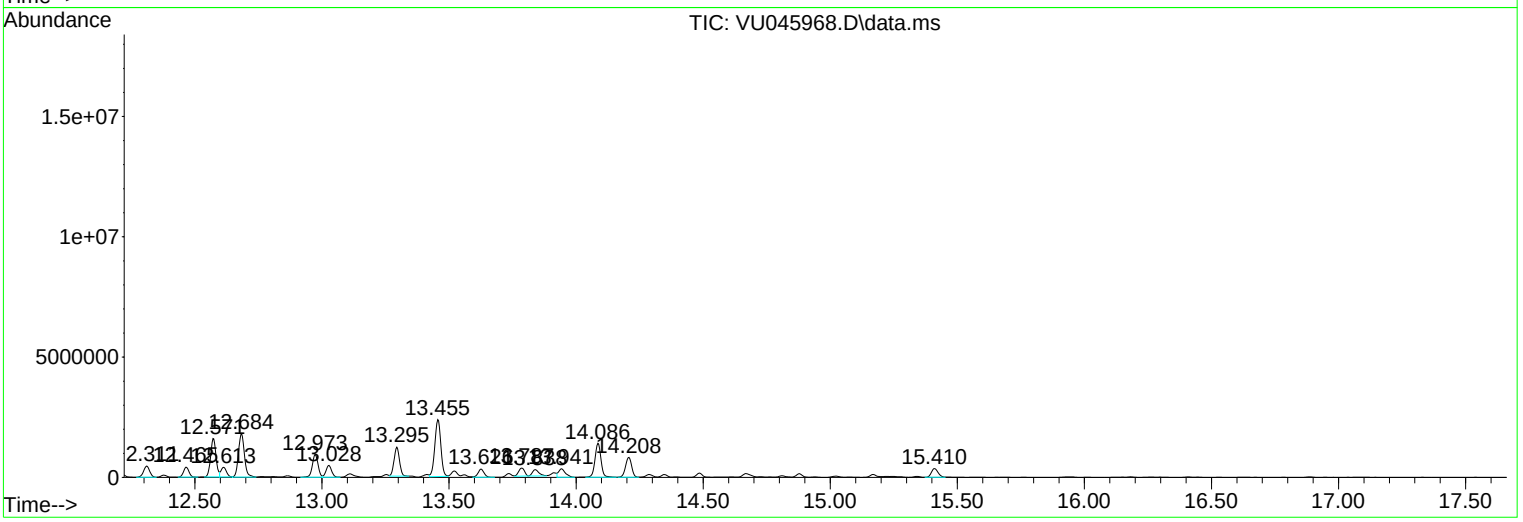
Instrument :
MSVOA_U
ClientSampleId :
C0G48

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\VU112321\
Data File : VU045968.D
Acq On : 23 Nov 2021 20:06
Operator : SY/MD
Sample : M4722-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48

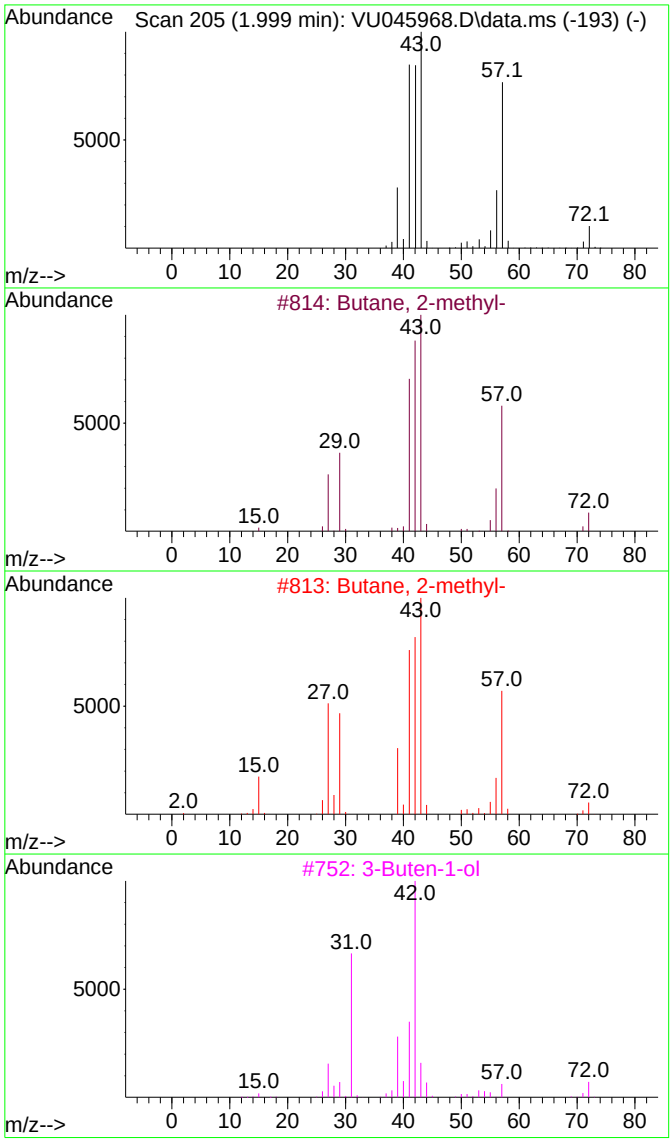
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

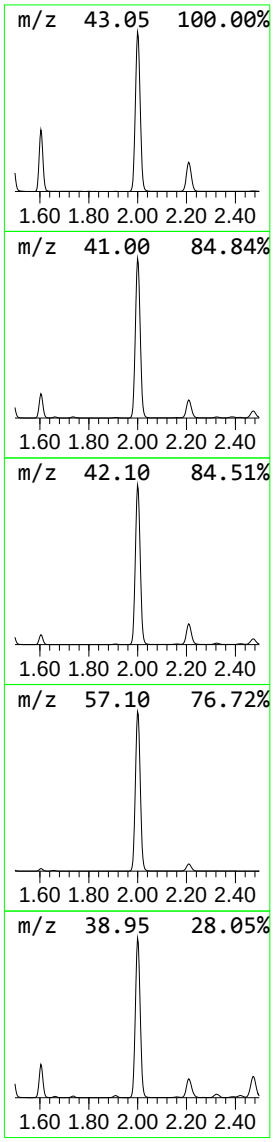
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.999	21.23 ug/L	5979830	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	86
3	3-Buten-1-ol	72	C4H8O	000627-27-0	47
4	Pentane	72	C5H12	000109-66-0	43
5	Pentane	72	C5H12	000109-66-0	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045968.D
Acq On : 23 Nov 2021 20:06
Operator : SY/MD
Sample : M4722-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48

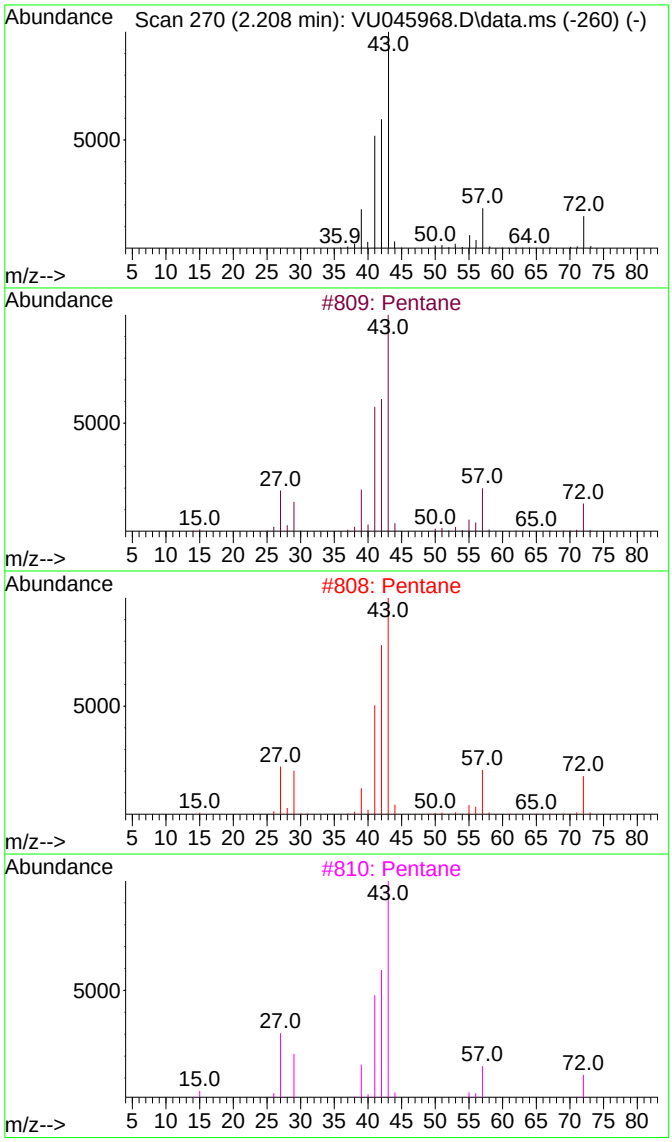
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

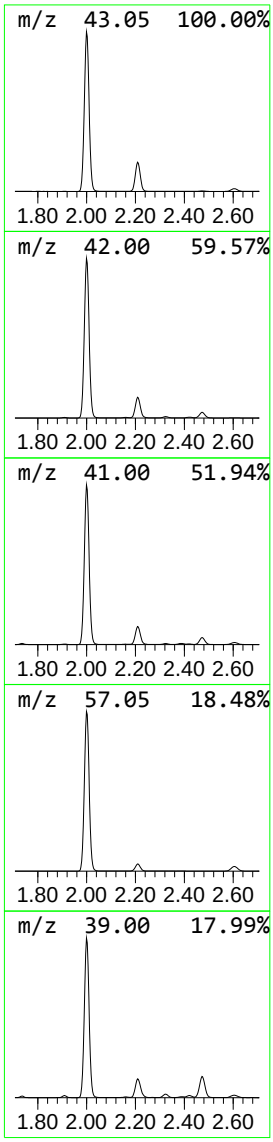
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.208	2.74 ug/L	770711	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Pentane	72	C5H12	000109-66-0	90
3	Pentane	72	C5H12	000109-66-0	86
4	Pentane	72	C5H12	000109-66-0	86
5	Pentane	72	C5H12	000109-66-0	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045968.D
Acq On : 23 Nov 2021 20:06
Operator : SY/MD
Sample : M4722-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48

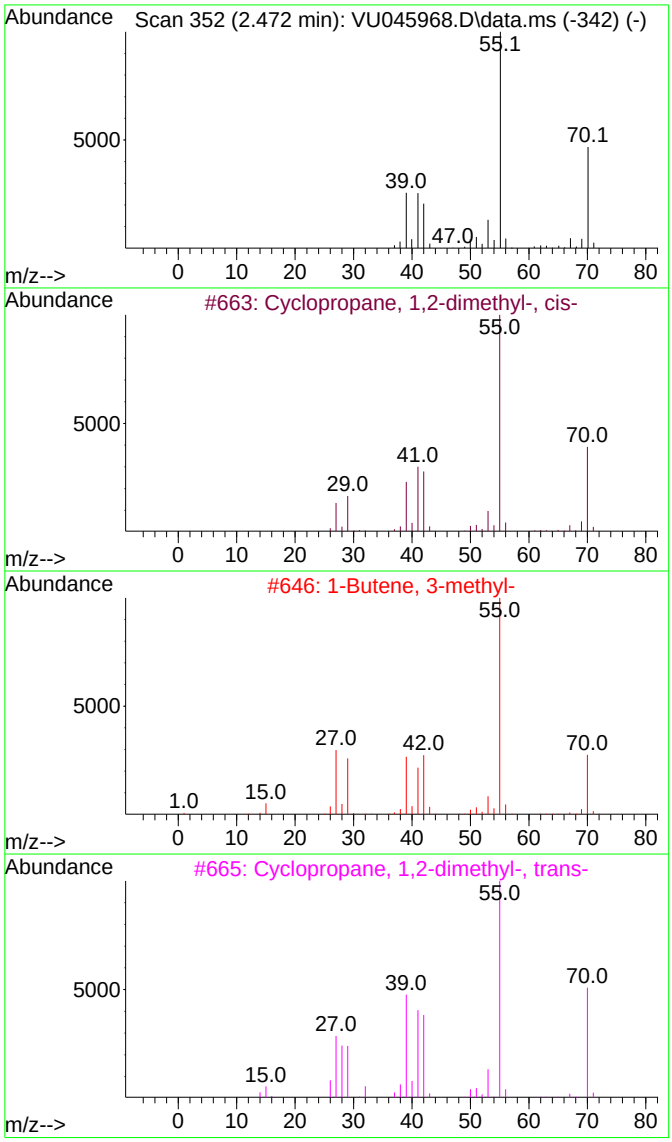
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

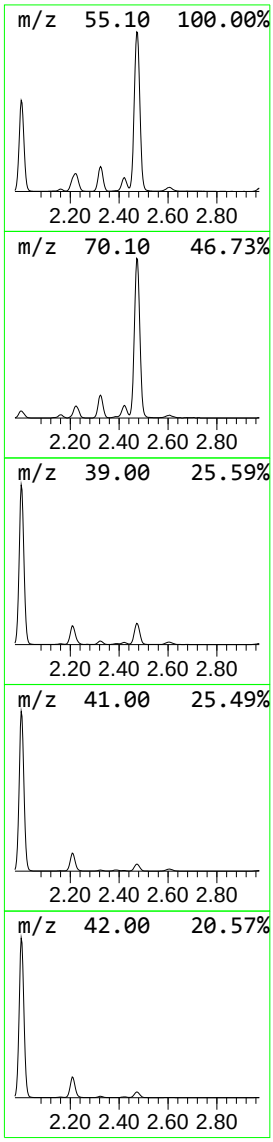
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic2.472 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.472	2.22 ug/L	625601	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	87
2	1-Butene, 3-methyl-	70	C5H10	000563-45-1	86
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	83
4	2-Pentene, (E)-	70	C5H10	000646-04-8	80
5	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045968.D
Acq On : 23 Nov 2021 20:06
Operator : SY/MD
Sample : M4722-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48

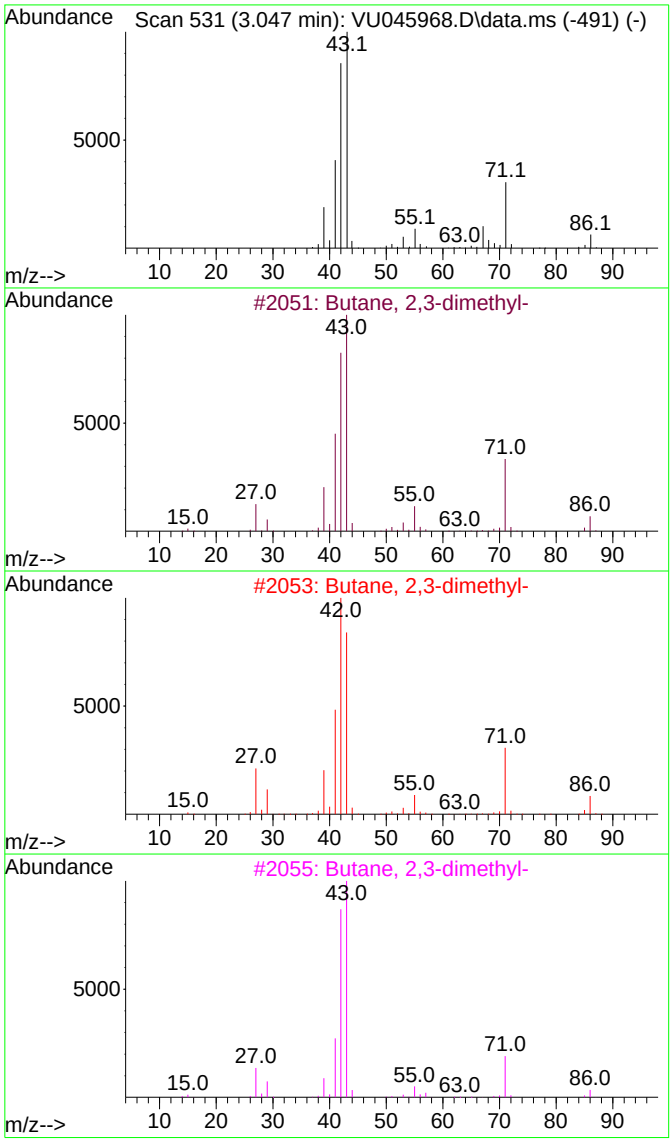
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

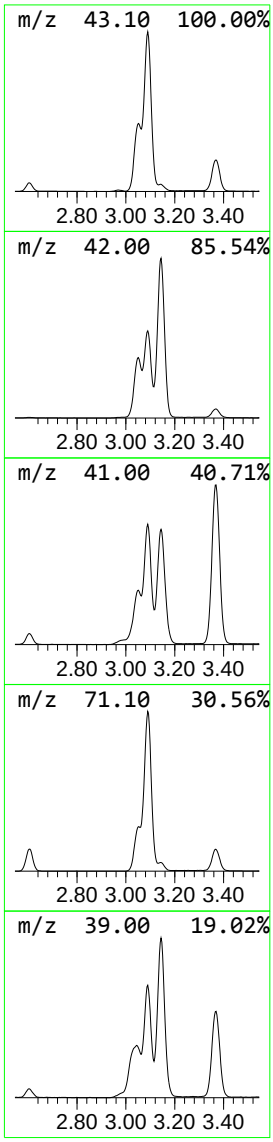
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.047	4.19 ug/L	1180220	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	74
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	72
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	72
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045968.D
Acq On : 23 Nov 2021 20:06
Operator : SY/MD
Sample : M4722-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48

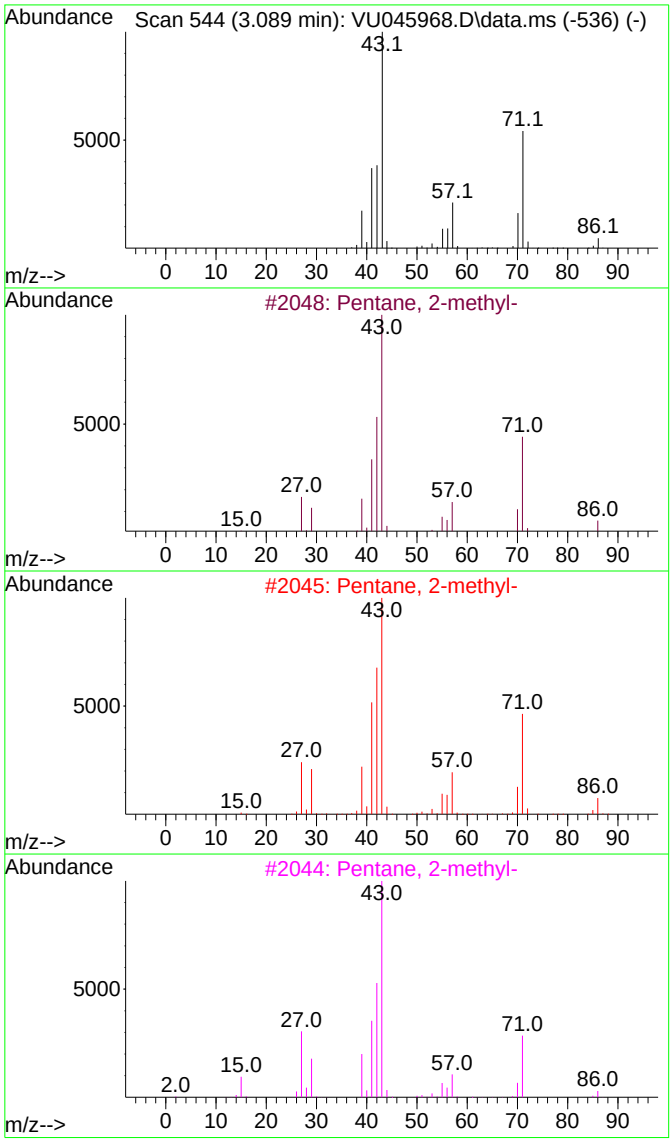
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

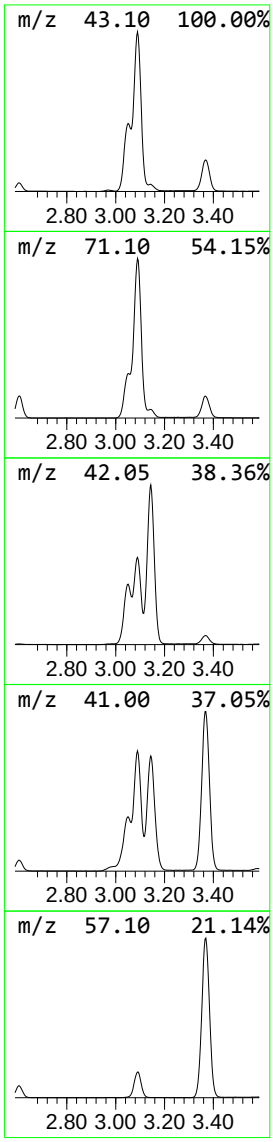
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.089	7.44 ug/L	2095130	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	86
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	83
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	64
5	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045968.D
Acq On : 23 Nov 2021 20:06
Operator : SY/MD
Sample : M4722-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48

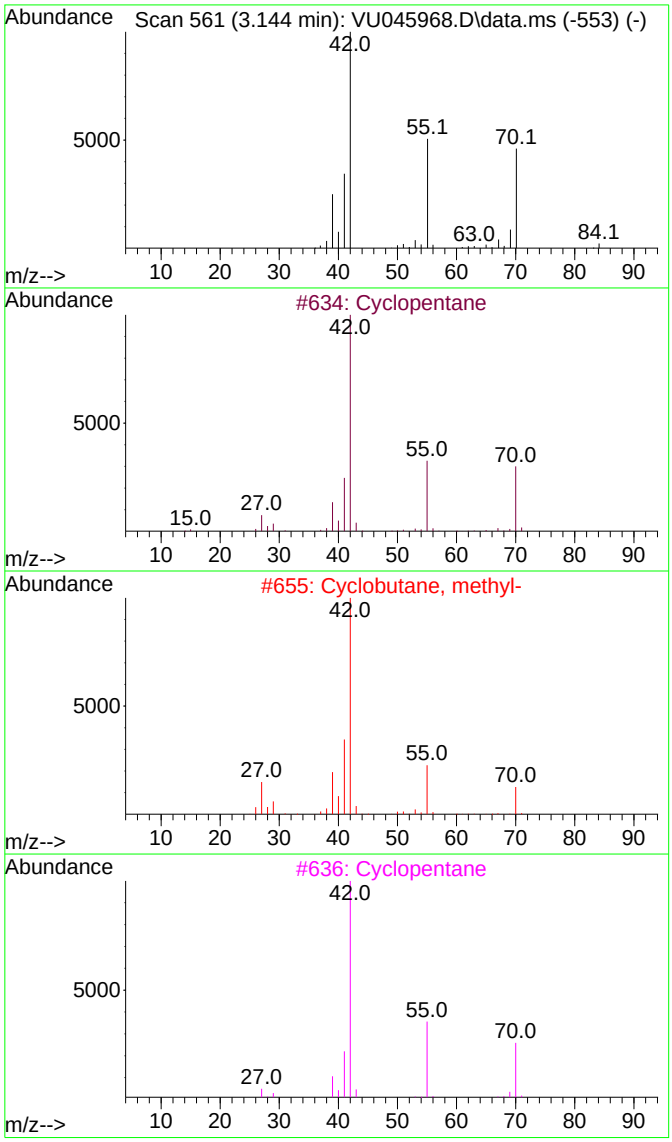
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

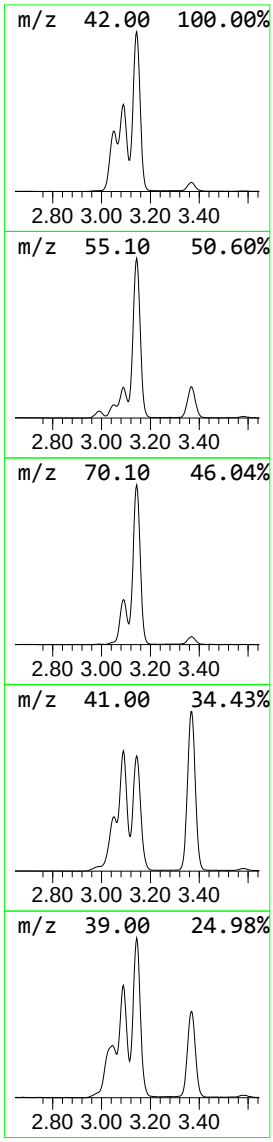
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic3.144 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.144	6.74 ug/L	1897260	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane	70	C5H10	000287-92-3	86
2	Cyclobutane, methyl-	70	C5H10	000598-61-8	80
3	Cyclopentane	70	C5H10	000287-92-3	78
4	1-Pentene	70	C5H10	000109-67-1	50
5	1-Pentene	70	C5H10	000109-67-1	50





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Data File : VU045968.D
Acq On : 23 Nov 2021 20:06
Operator : SY/MD
Sample : M4722-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48

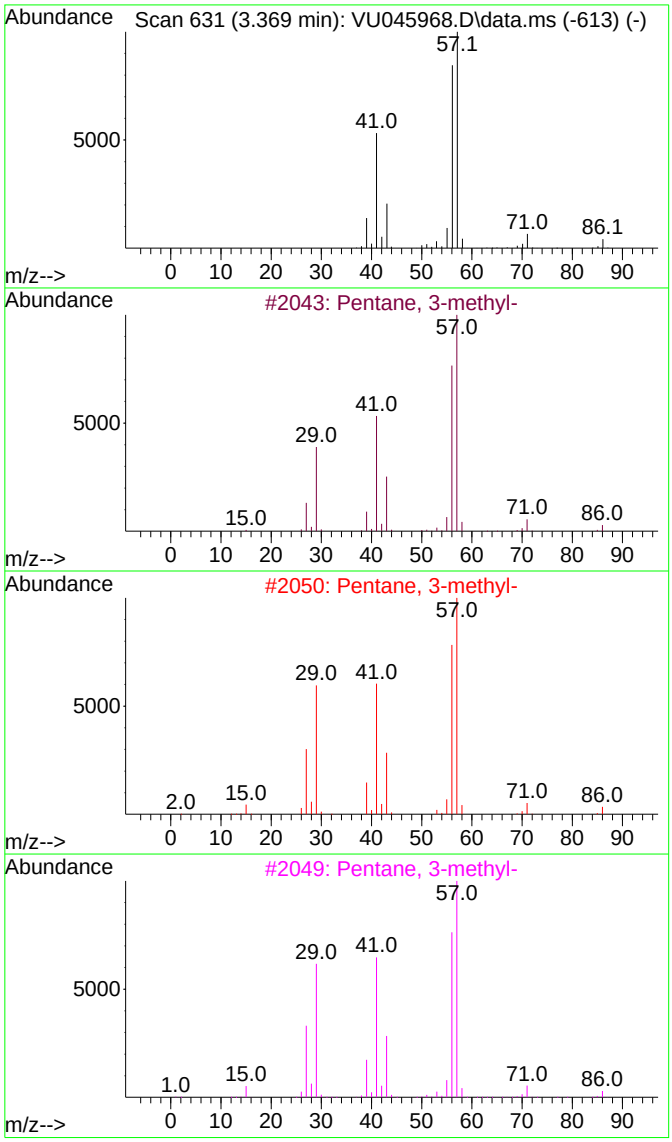
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

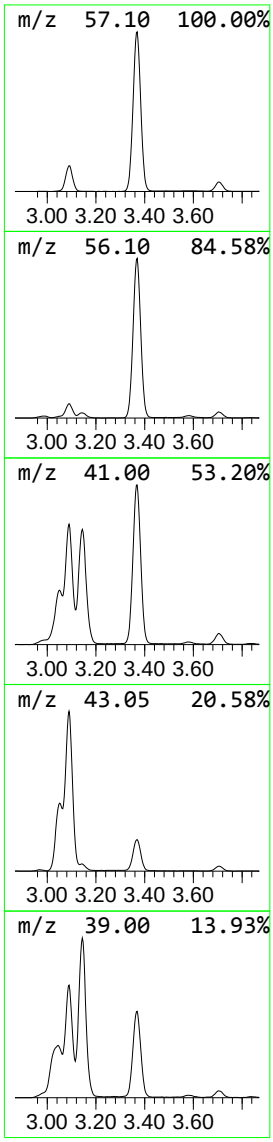
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.369	7.37 ug/L	2075330	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045968.D
Acq On : 23 Nov 2021 20:06
Operator : SY/MD
Sample : M4722-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48

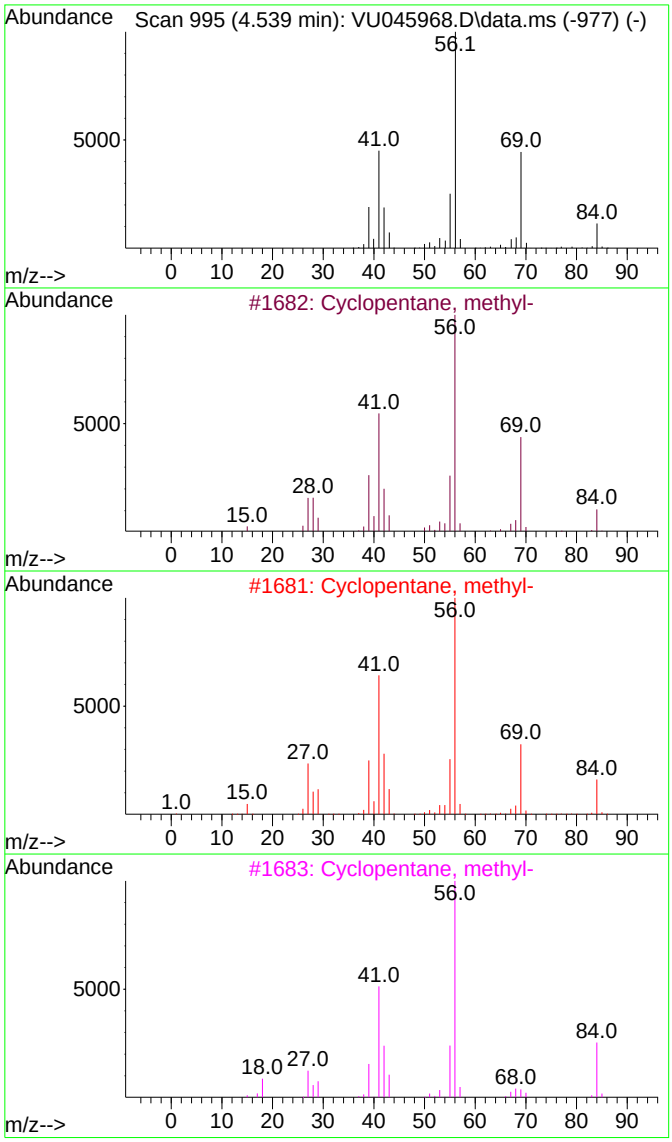
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

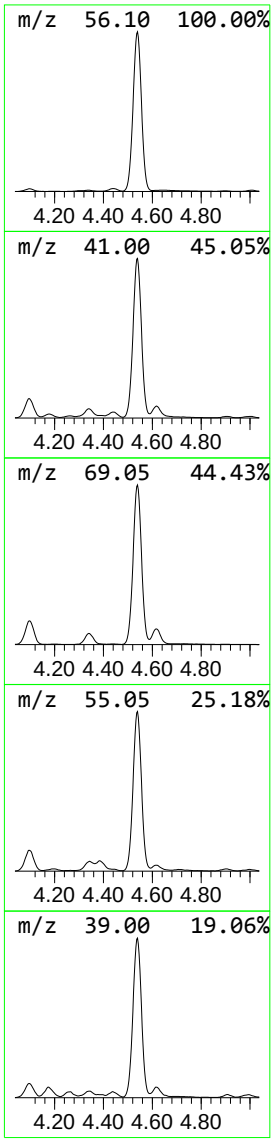
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic4.539 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.539	13.90 ug/L	3915830	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	78
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045968.D
Acq On : 23 Nov 2021 20:06
Operator : SY/MD
Sample : M4722-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48

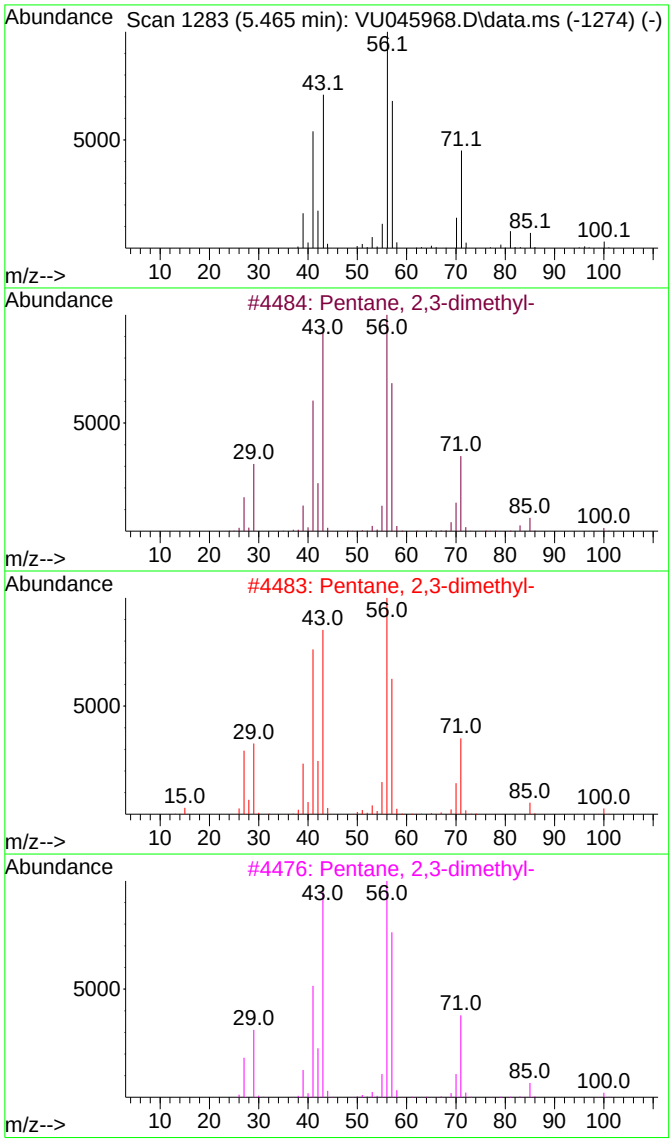
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

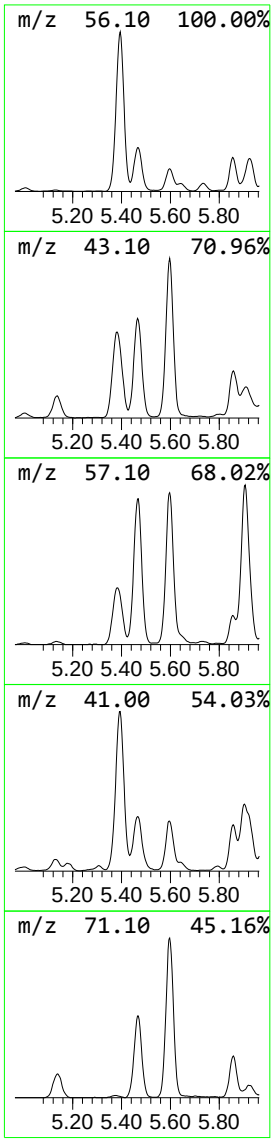
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.465	2.33 ug/L	655208	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	81
4	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	50
5	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045968.D
Acq On : 23 Nov 2021 20:06
Operator : SY/MD
Sample : M4722-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48

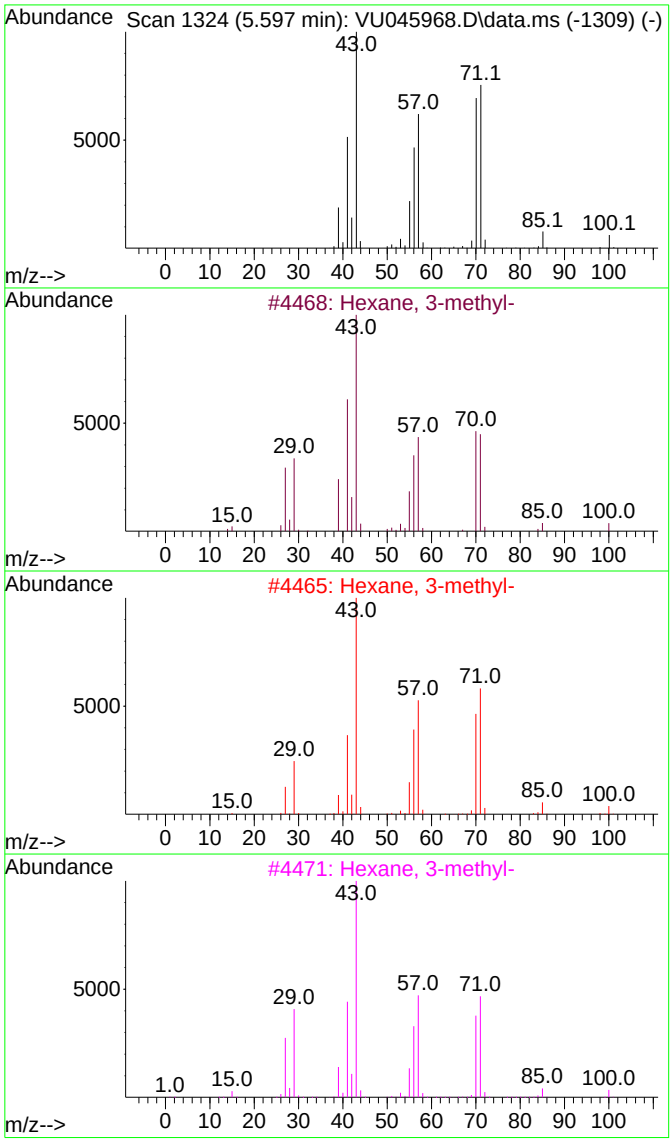
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

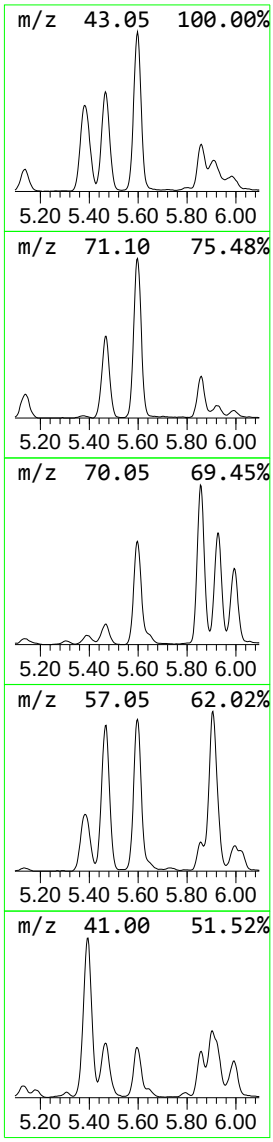
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.597	2.23 ug/L	627820	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	95
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	87
4	Heptane	100	C7H16	000142-82-5	80
5	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045968.D
Acq On : 23 Nov 2021 20:06
Operator : SY/MD
Sample : M4722-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48

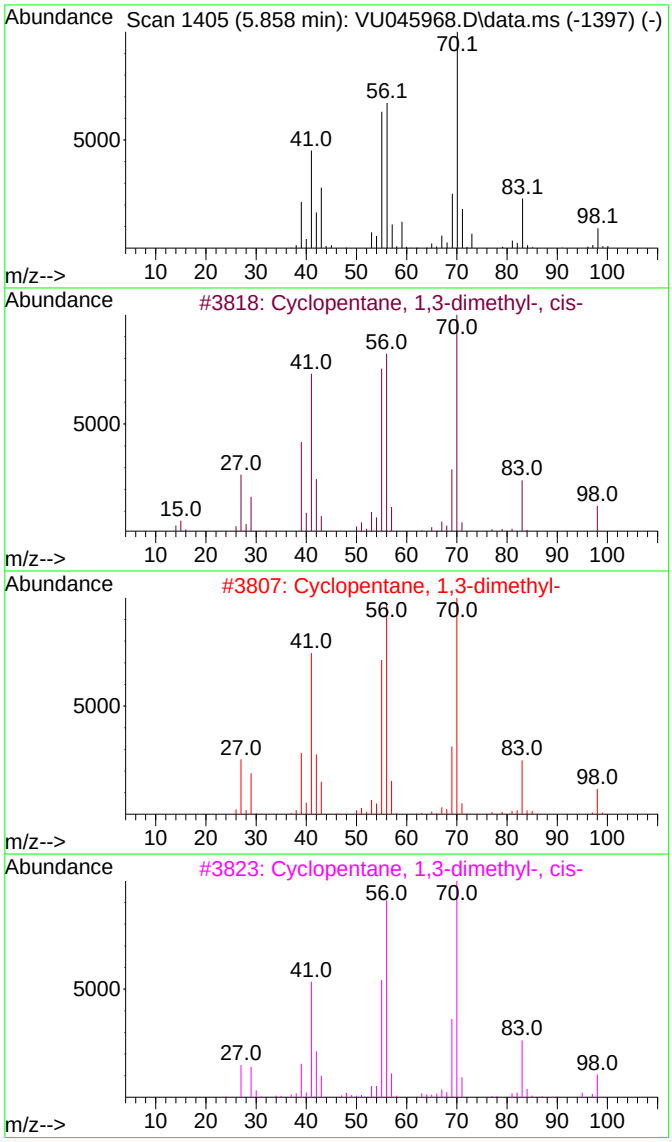
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

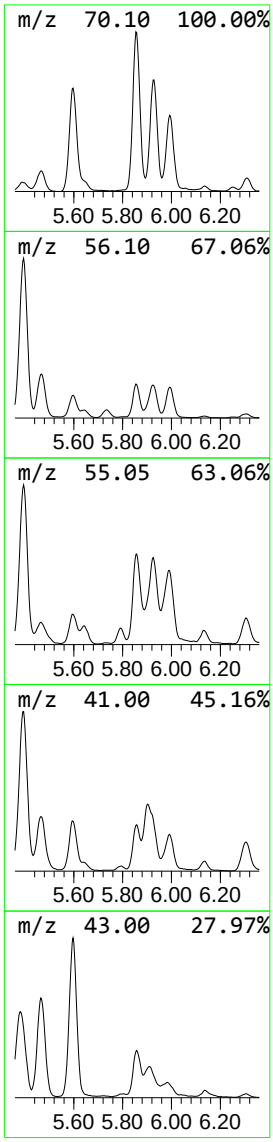
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Cyclic5.858 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.858	2.47 ug/L	696837	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	90
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	86
4	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	62
5	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045968.D
Acq On : 23 Nov 2021 20:06
Operator : SY/MD
Sample : M4722-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48

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

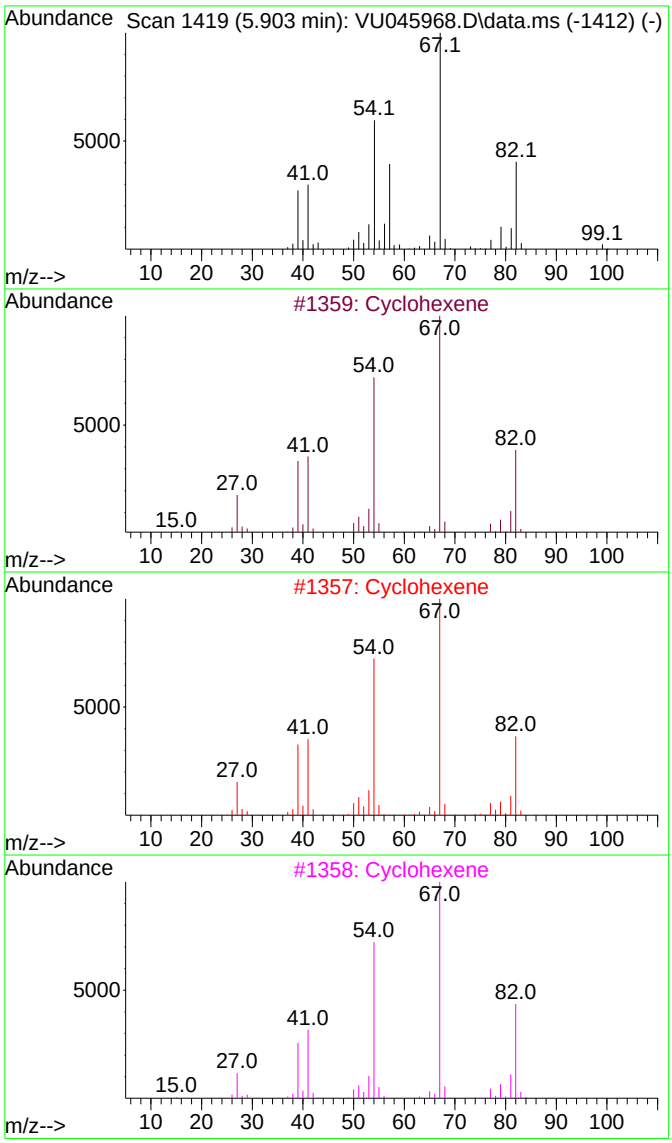
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

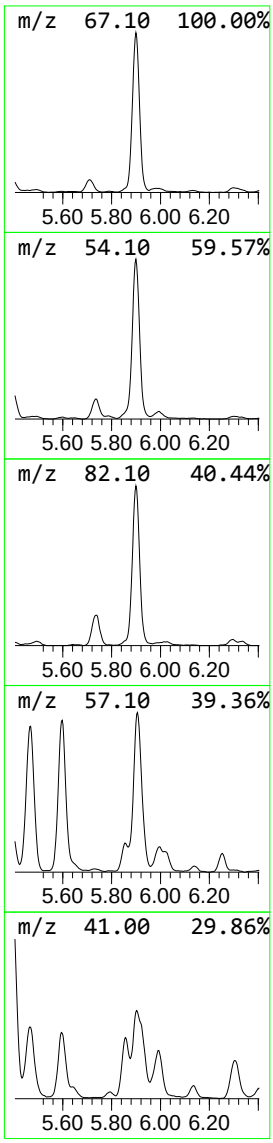
****

Peak Number 12 Cyclobutane, ethenyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.903	5.00 ug/L	1408370	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene	82	C6H10	000110-83-8	93
2	Cyclohexene	82	C6H10	000110-83-8	87
3	Cyclohexene	82	C6H10	000110-83-8	87
4	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	81
5	Ethylidenecyclobutane	82	C6H10	001528-21-8	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045968.D
Acq On : 23 Nov 2021 20:06
Operator : SY/MD
Sample : M4722-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48

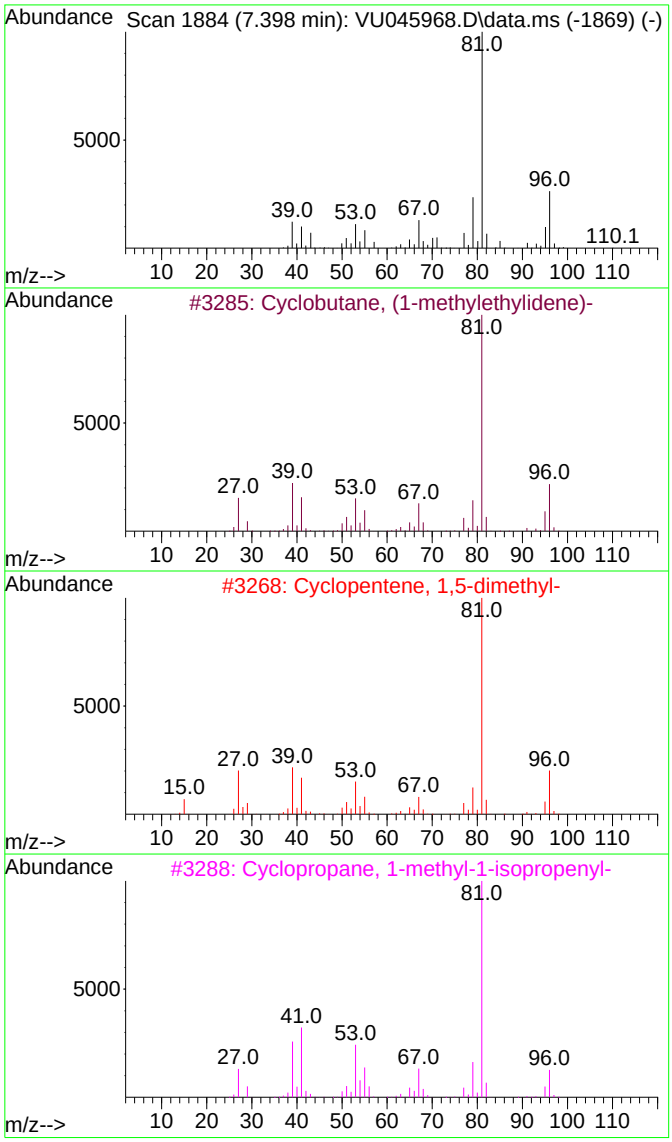
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

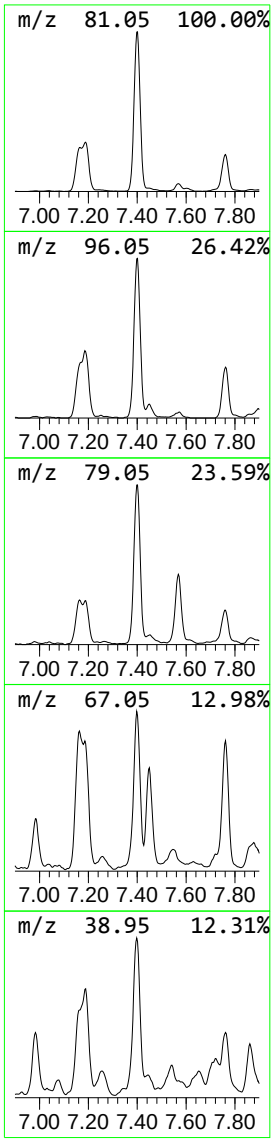
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclobutane, (1-methylethyl... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.398	2.75 ug/L	774346	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	90
2	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	87
3	Cyclopropane, 1-methyl-1-isoprop...	96	C7H12	003422-07-9	86
4	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	80
5	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045968.D
Acq On : 23 Nov 2021 20:06
Operator : SY/MD
Sample : M4722-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48

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

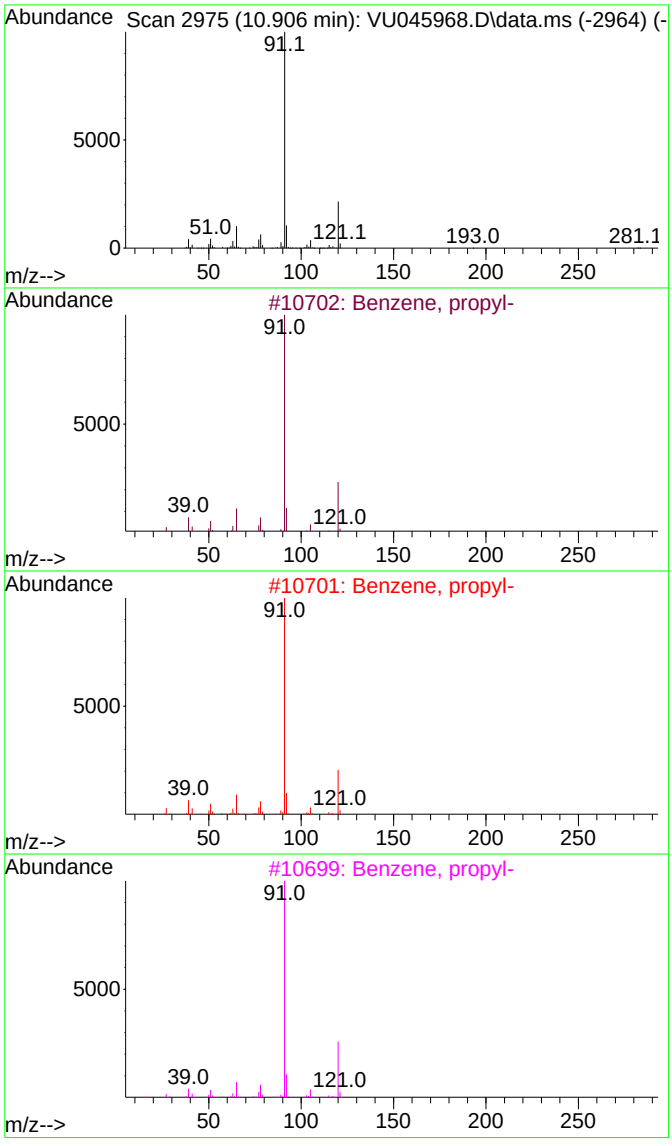
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

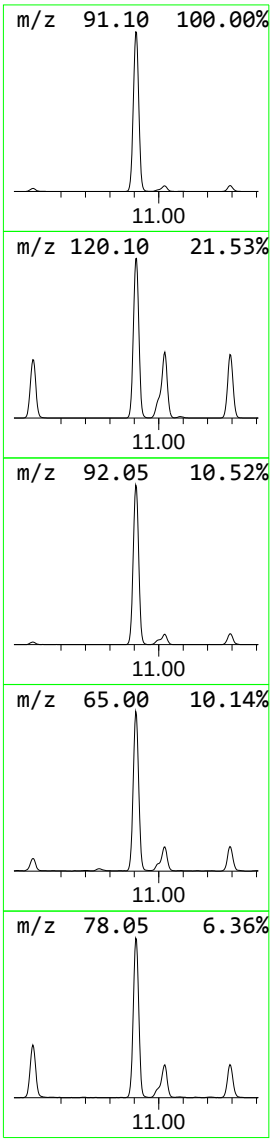
****

Peak Number 14 Benzene, propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.906	28.80 ug/L	2435360	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	Benzene, propyl-	120	C9H12	000103-65-1	91
3	Benzene, propyl-	120	C9H12	000103-65-1	91
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045968.D
Acq On : 23 Nov 2021 20:06
Operator : SY/MD
Sample : M4722-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48

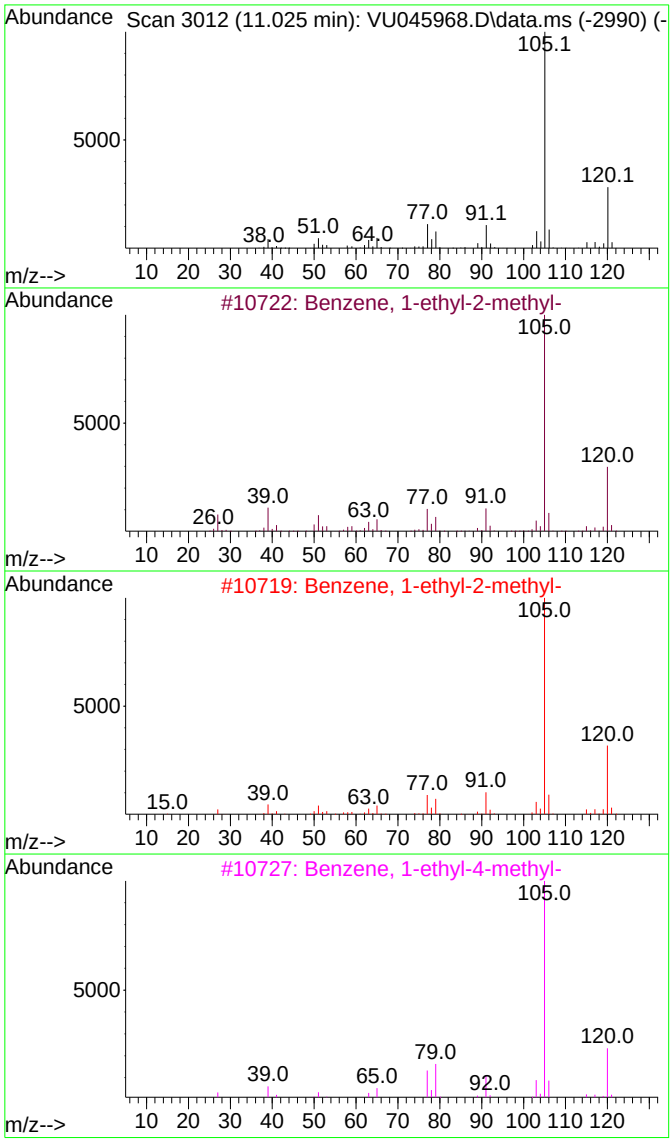
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

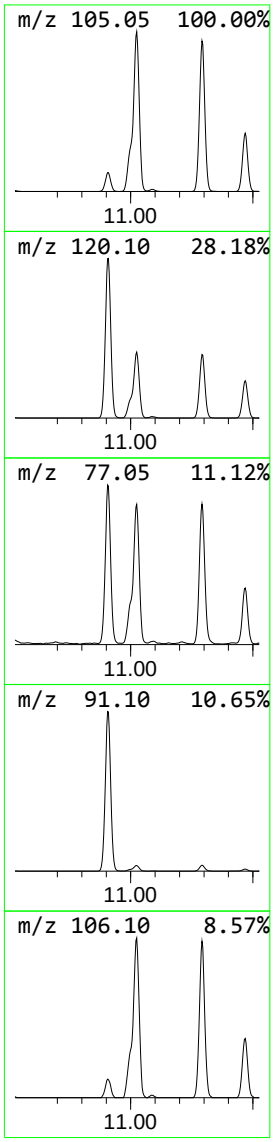
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.025	13.86 ug/L	1172040	1,4-Dichlorobenzene-d4	11.812

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	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045968.D
Acq On : 23 Nov 2021 20:06
Operator : SY/MD
Sample : M4722-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48

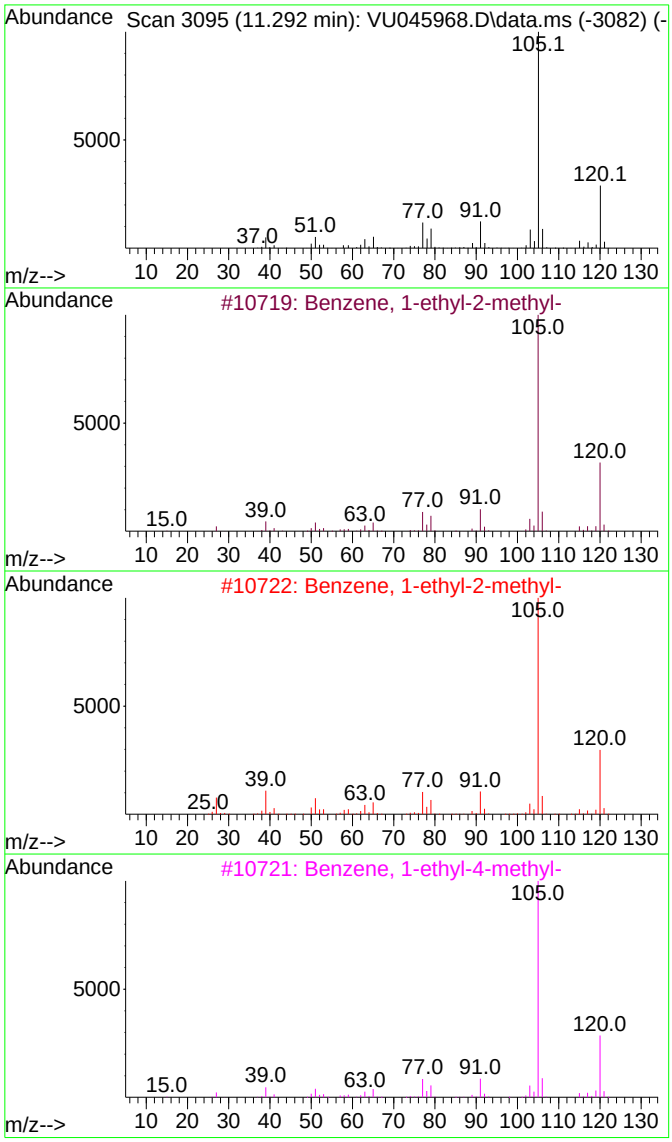
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

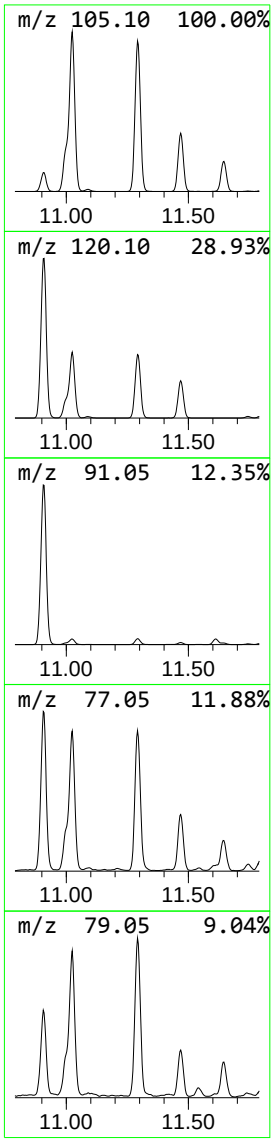
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1-ethyl-4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.291	11.58 ug/L	979091	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045968.D
Acq On : 23 Nov 2021 20:06
Operator : SY/MD
Sample : M4722-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48

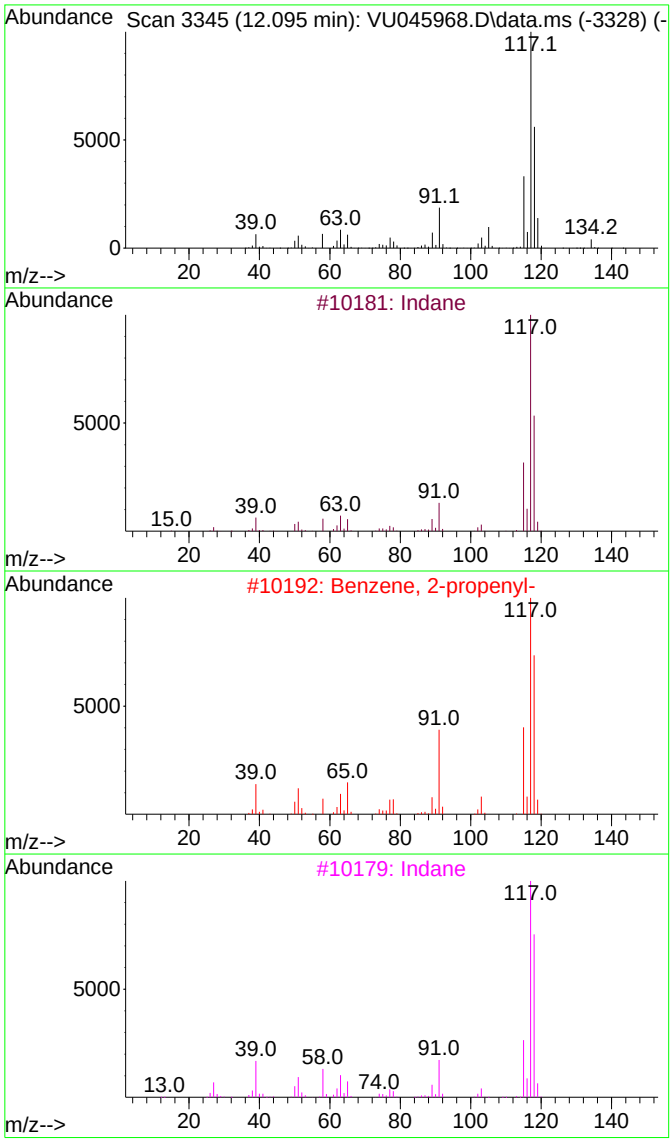
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

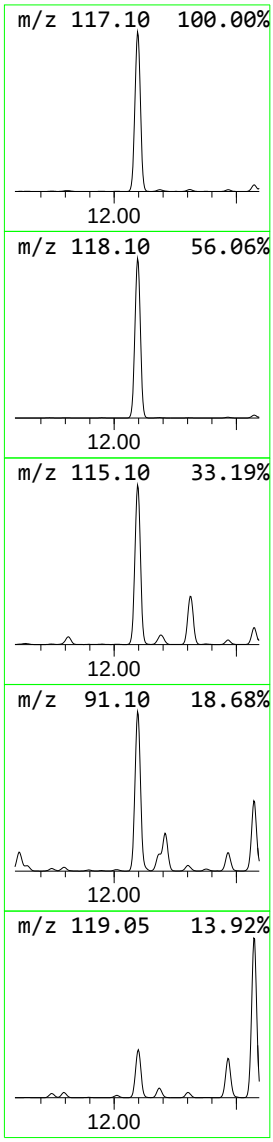
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.095	80.93 ug/L	6844140	1,4-Dichlorobenzene-d4	11.812

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045968.D
Acq On : 23 Nov 2021 20:06
Operator : SY/MD
Sample : M4722-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48

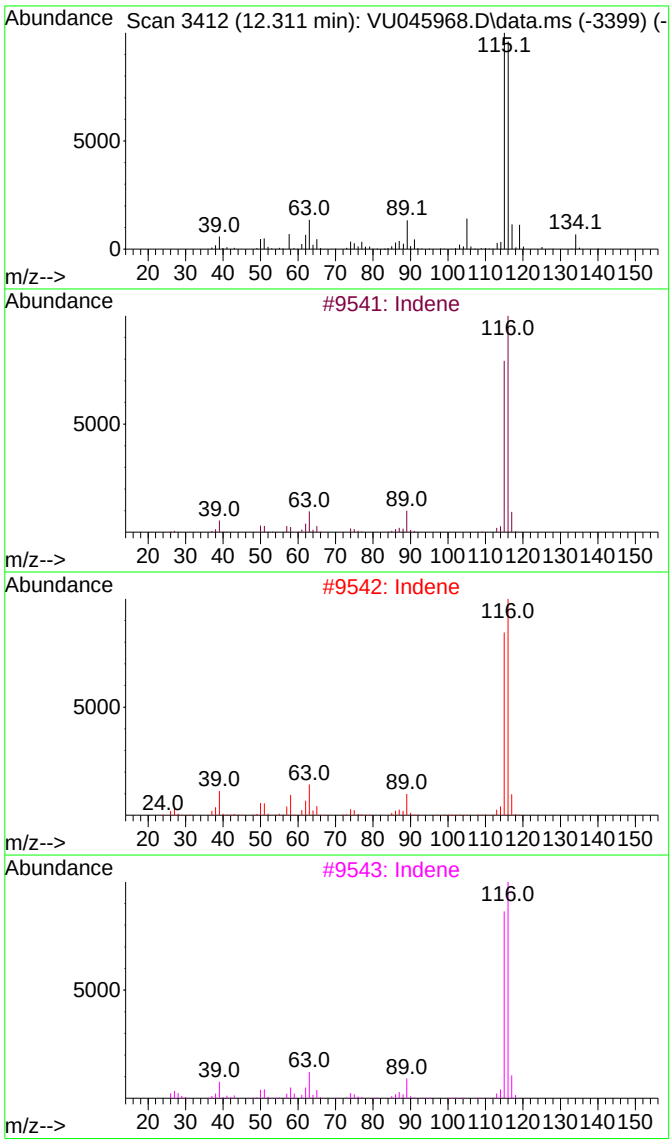
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

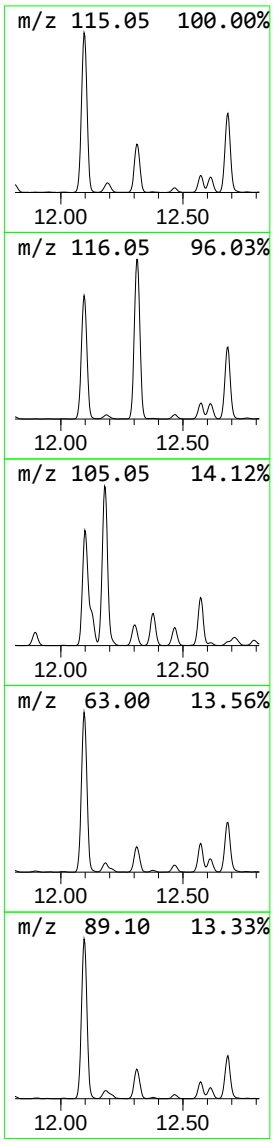
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Indene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.311	9.18 ug/L	776610	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Indene	116	C9H8	000095-13-6	91
3	Indene	116	C9H8	000095-13-6	91
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	87
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045968.D
Acq On : 23 Nov 2021 20:06
Operator : SY/MD
Sample : M4722-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48

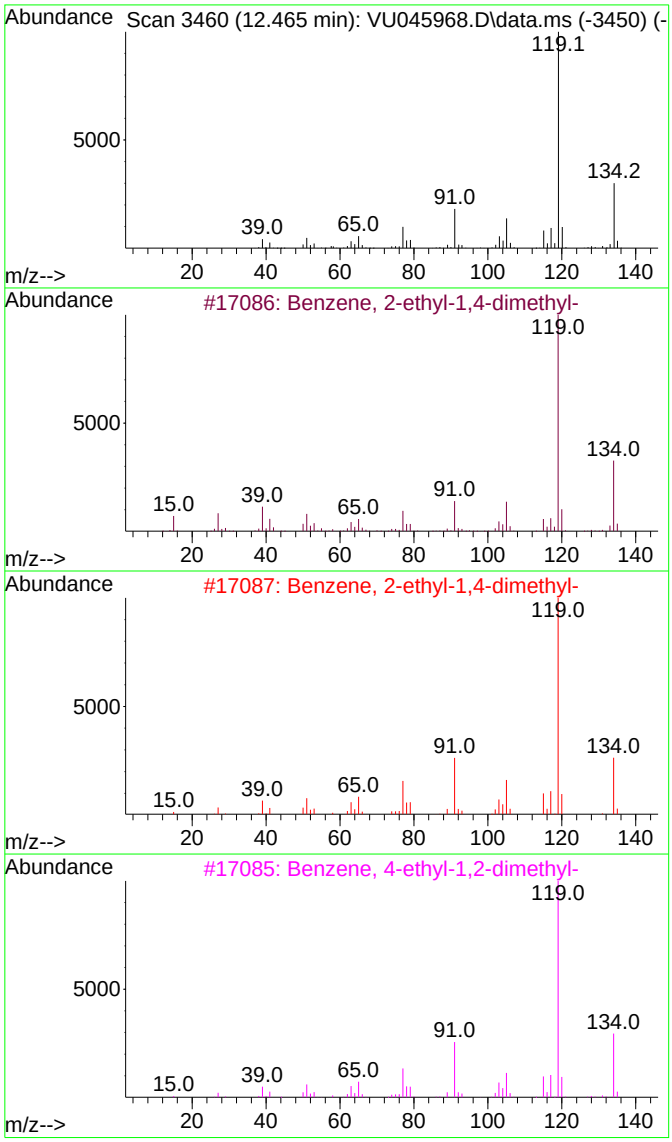
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

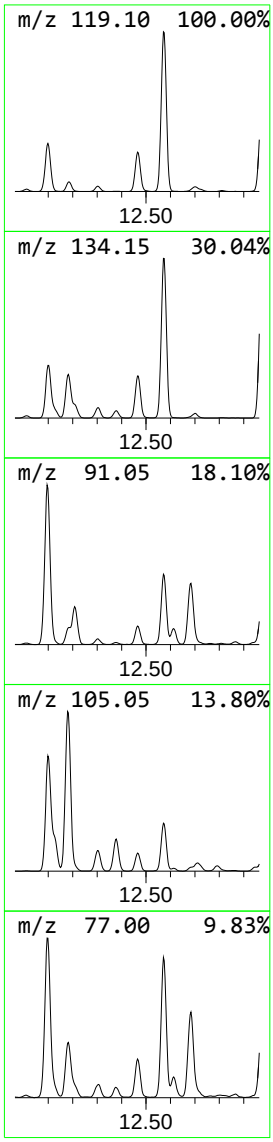
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.465	7.37 ug/L	623513	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	o-Cymene	134	C10H14	000527-84-4	95





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Data File : VU045968.D
Acq On : 23 Nov 2021 20:06
Operator : SY/MD
Sample : M4722-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48

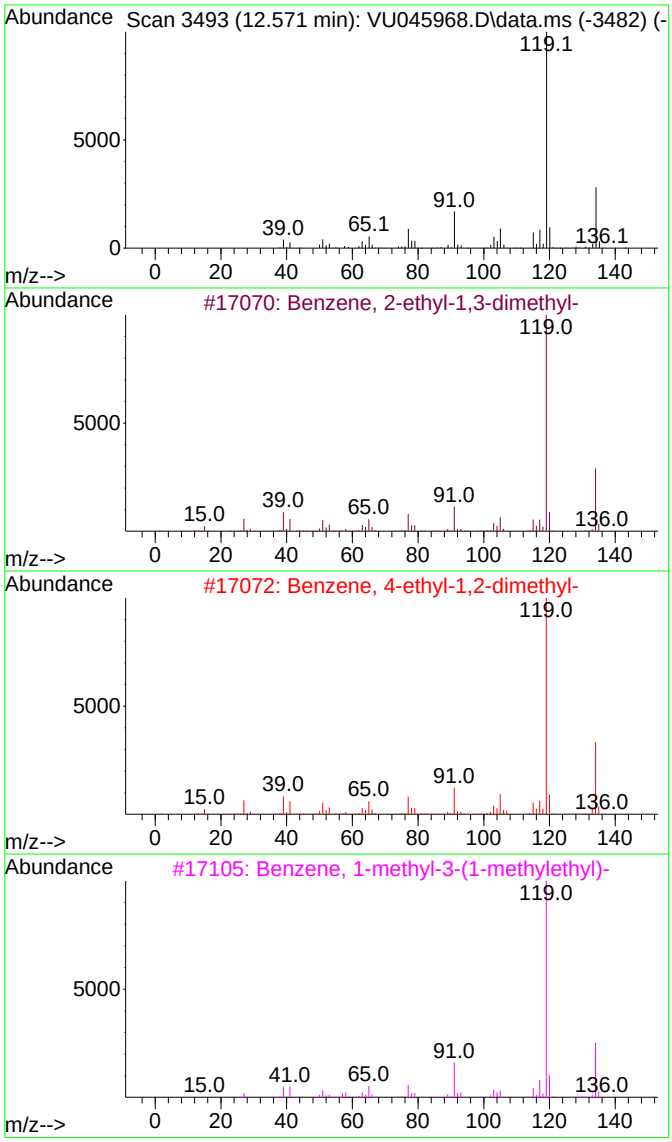
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

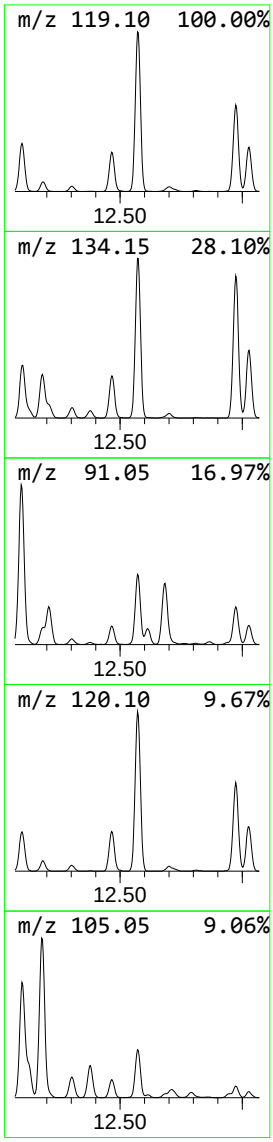
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.571	28.24 ug/L	2387900	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	o-Cymene	134	C10H14	000527-84-4	95





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Data File : VU045968.D
Acq On : 23 Nov 2021 20:06
Operator : SY/MD
Sample : M4722-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48

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

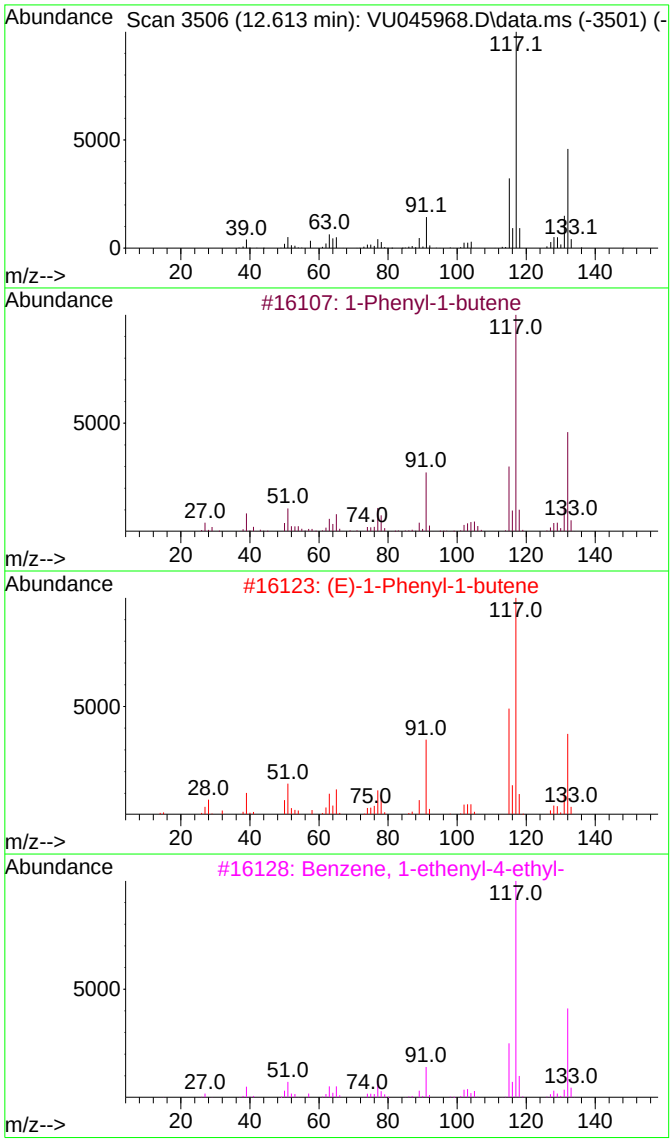
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

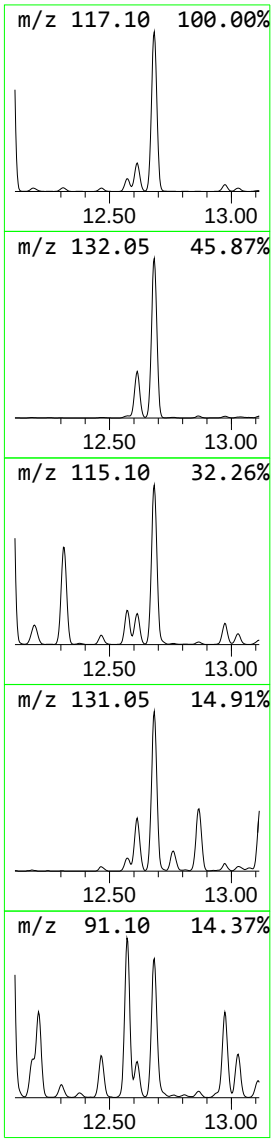
****

Peak Number 21 1-Phenyl-1-butene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.613	7.01 ug/L	592907	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
2	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	93
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045968.D
Acq On : 23 Nov 2021 20:06
Operator : SY/MD
Sample : M4722-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48

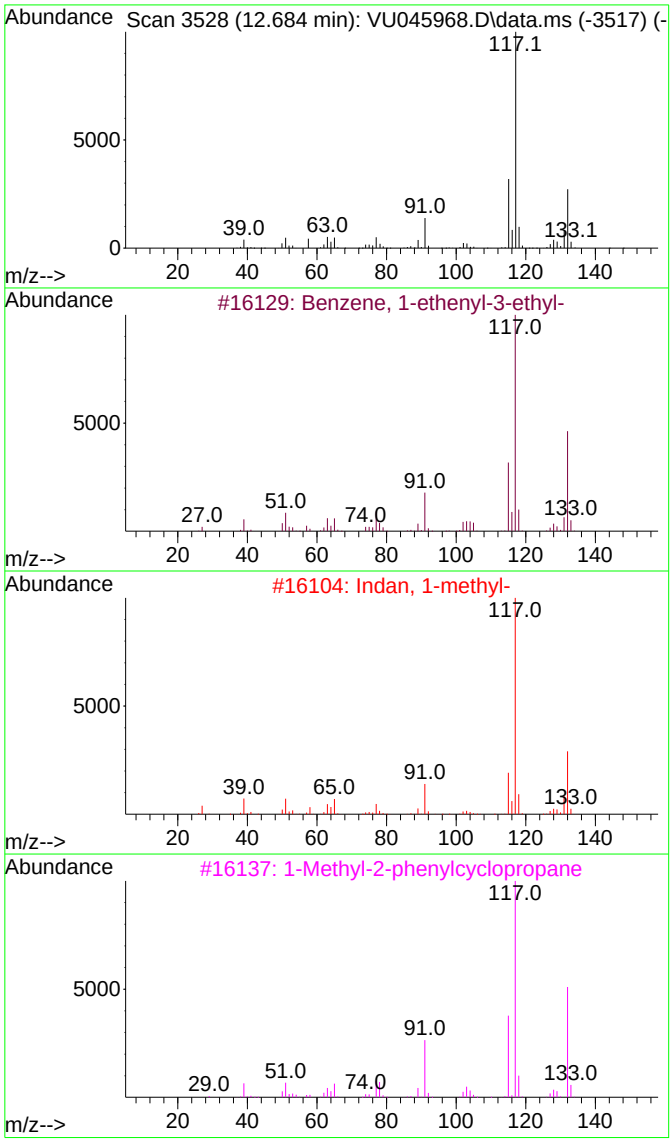
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

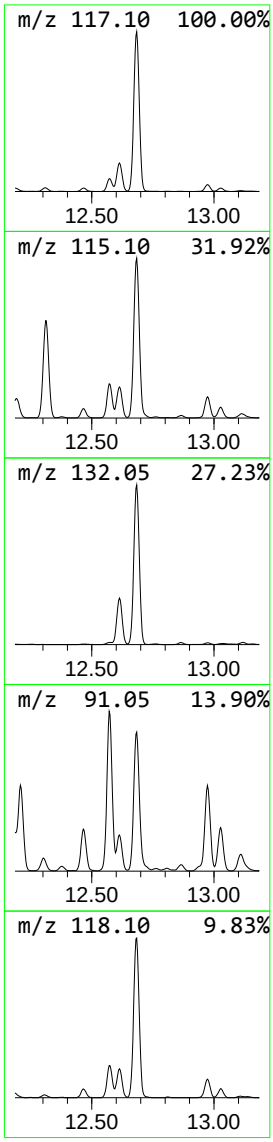
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.684	34.60 ug/L	2925720	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2	Indan, 1-methyl-	132	C10H12	000767-58-8	90
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	90
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	86





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Data File : VU045968.D
Acq On : 23 Nov 2021 20:06
Operator : SY/MD
Sample : M4722-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48

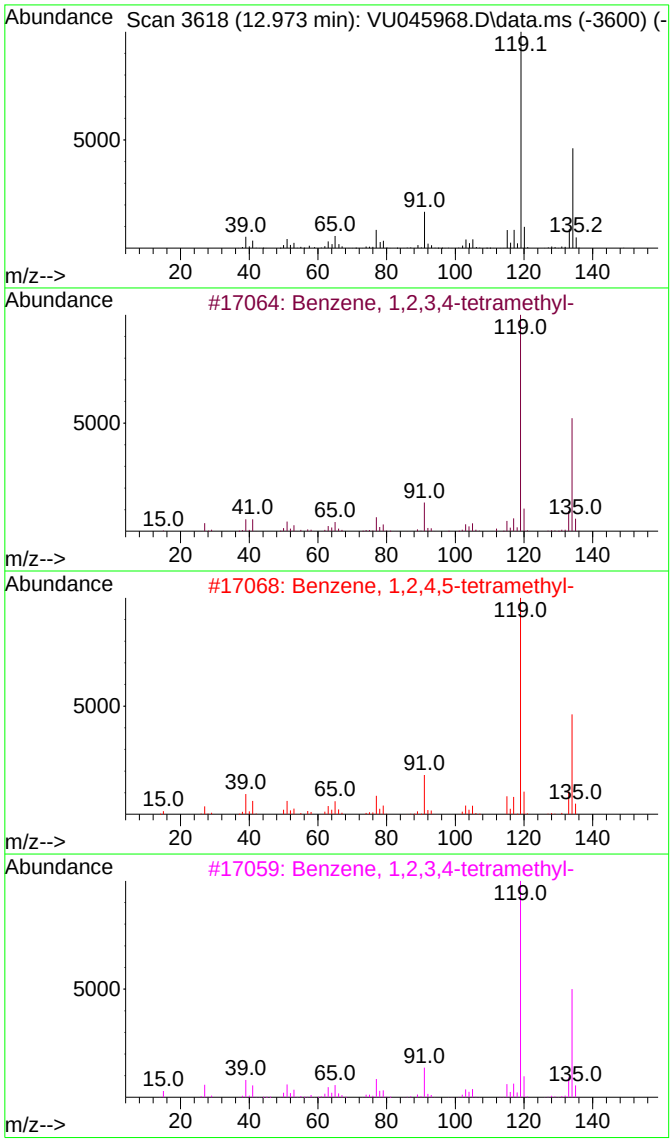
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

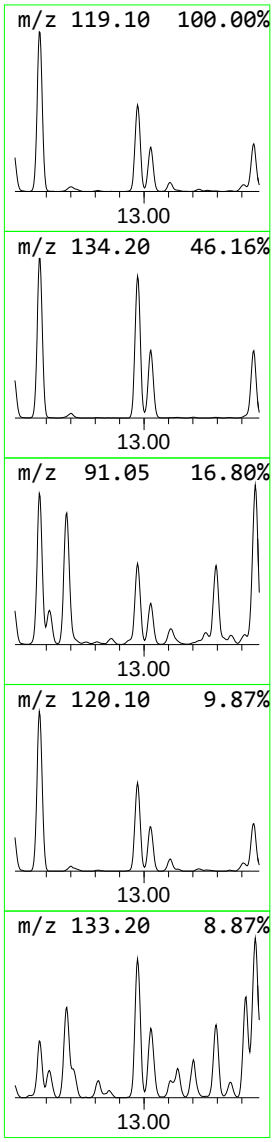
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.973	17.65 ug/L	1492360	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045968.D
Acq On : 23 Nov 2021 20:06
Operator : SY/MD
Sample : M4722-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48

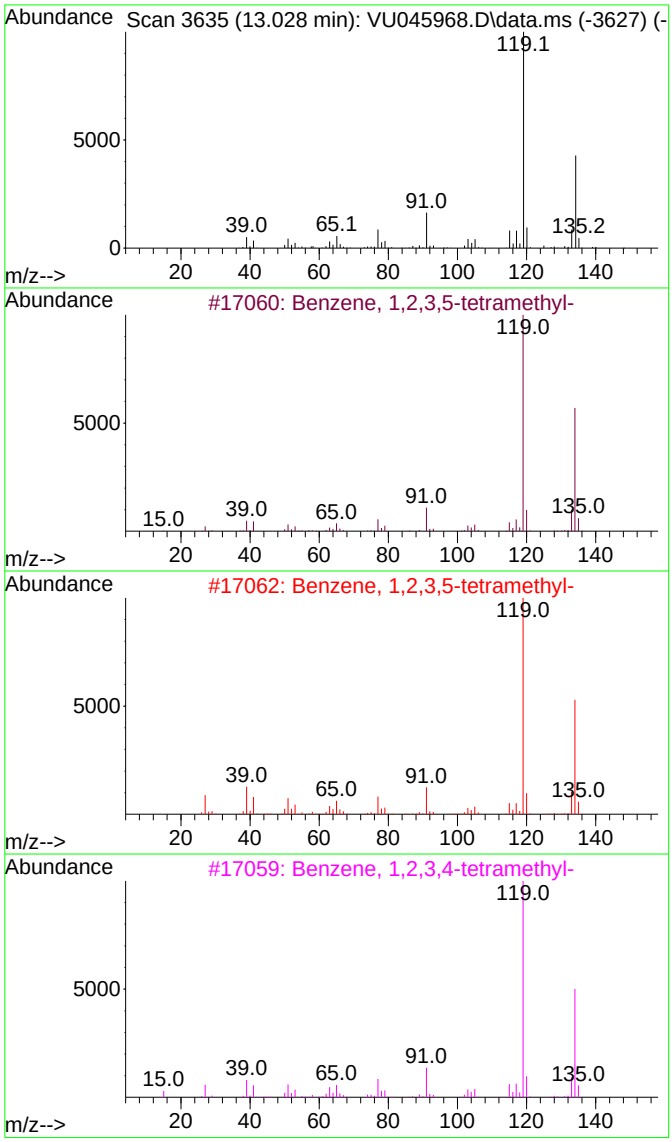
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

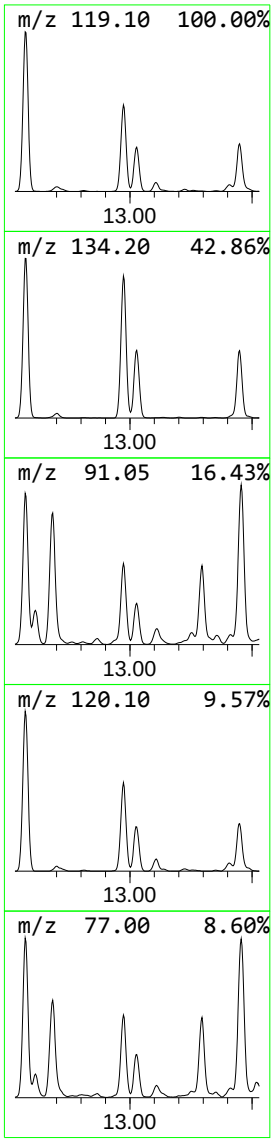
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.028	9.11 ug/L	770427	1,4-Dichlorobenzene-d4	11.812

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045968.D
Acq On : 23 Nov 2021 20:06
Operator : SY/MD
Sample : M4722-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48

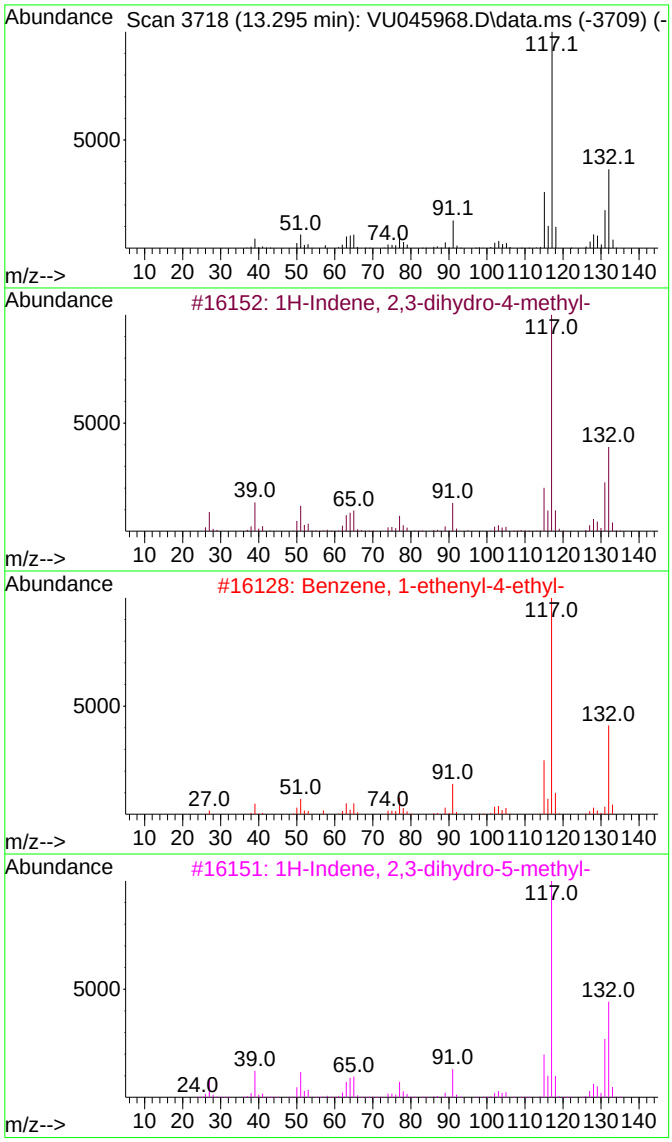
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

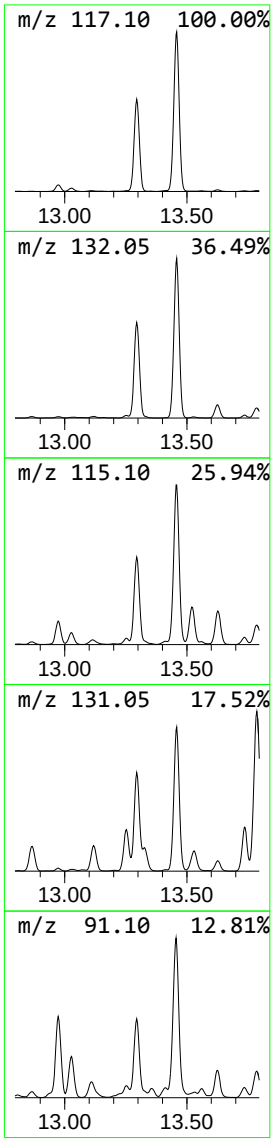
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.295	21.20 ug/L	1793050	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
5	Indan, 1-methyl-	132	C10H12	000767-58-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045968.D
Acq On : 23 Nov 2021 20:06
Operator : SY/MD
Sample : M4722-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48

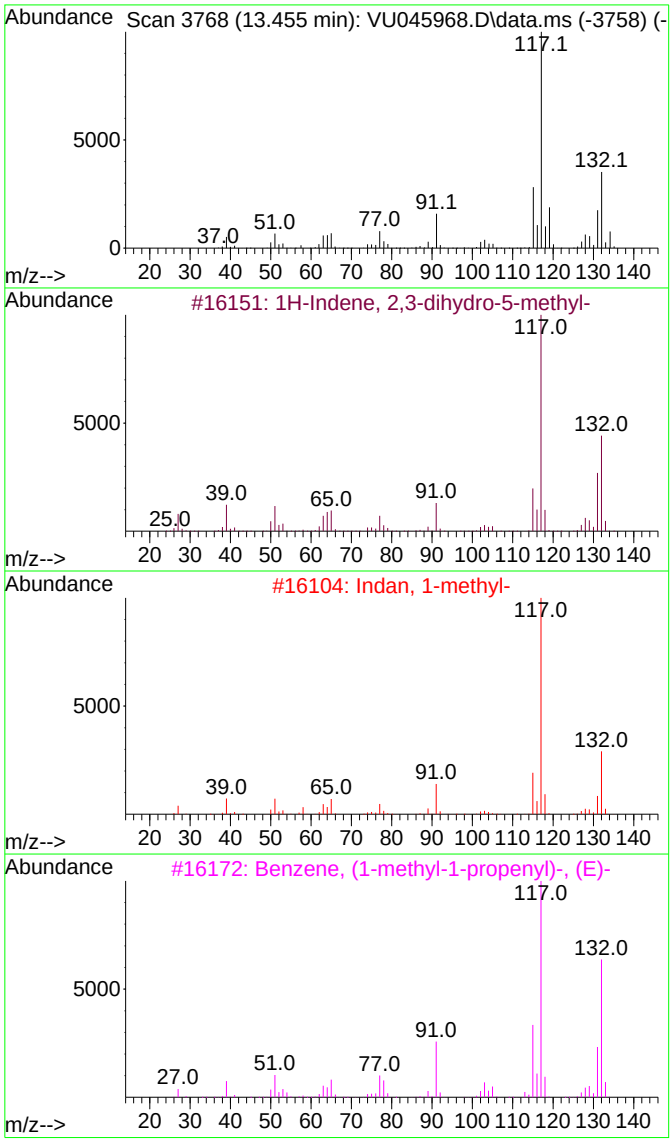
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

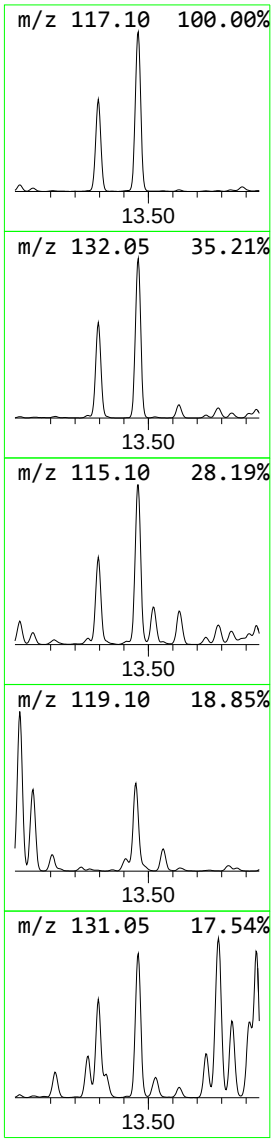
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.455	45.94 ug/L	3884640	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	83





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Data File : VU045968.D
Acq On : 23 Nov 2021 20:06
Operator : SY/MD
Sample : M4722-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48

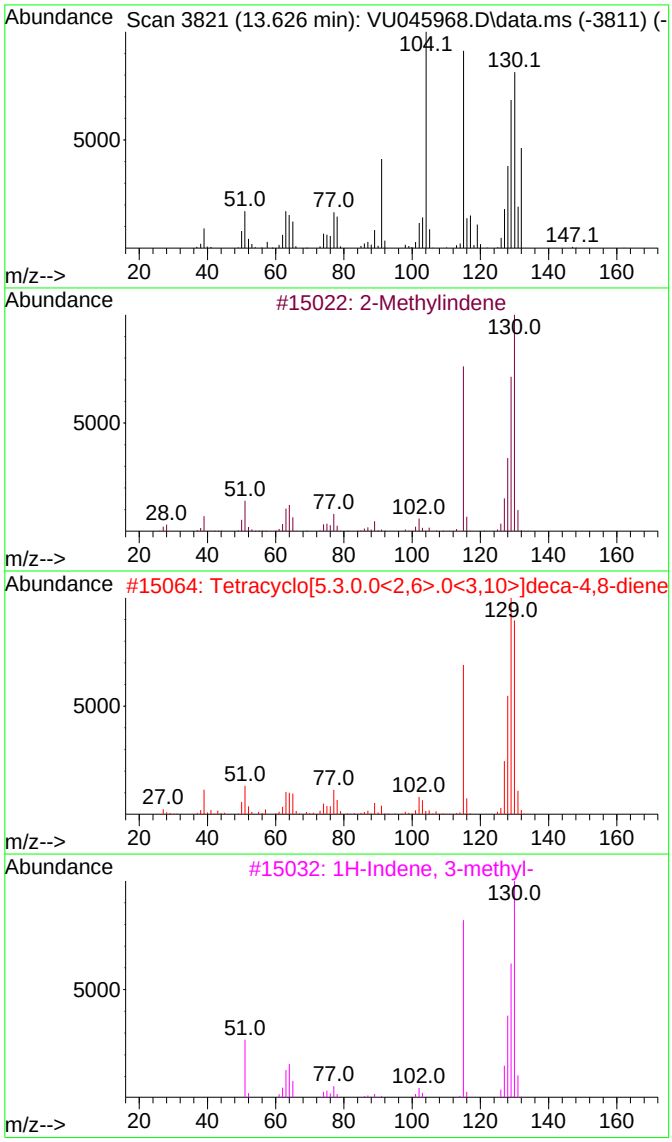
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

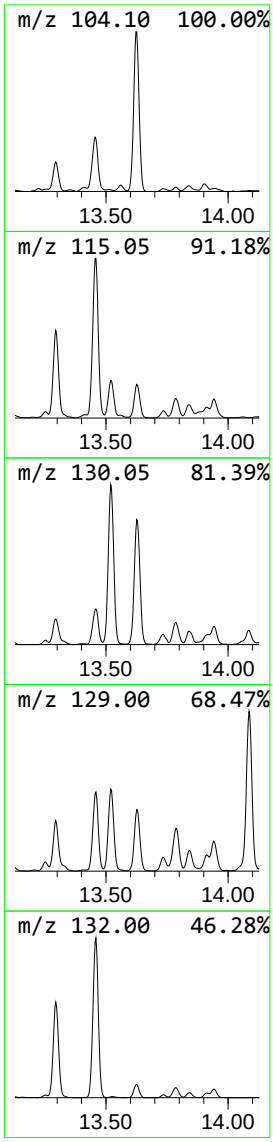
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 2-Methylindene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.626	6.60 ug/L	558310	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	90
2	Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	90
3	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	90
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	89
5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	89





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045968.D
Acq On : 23 Nov 2021 20:06
Operator : SY/MD
Sample : M4722-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48

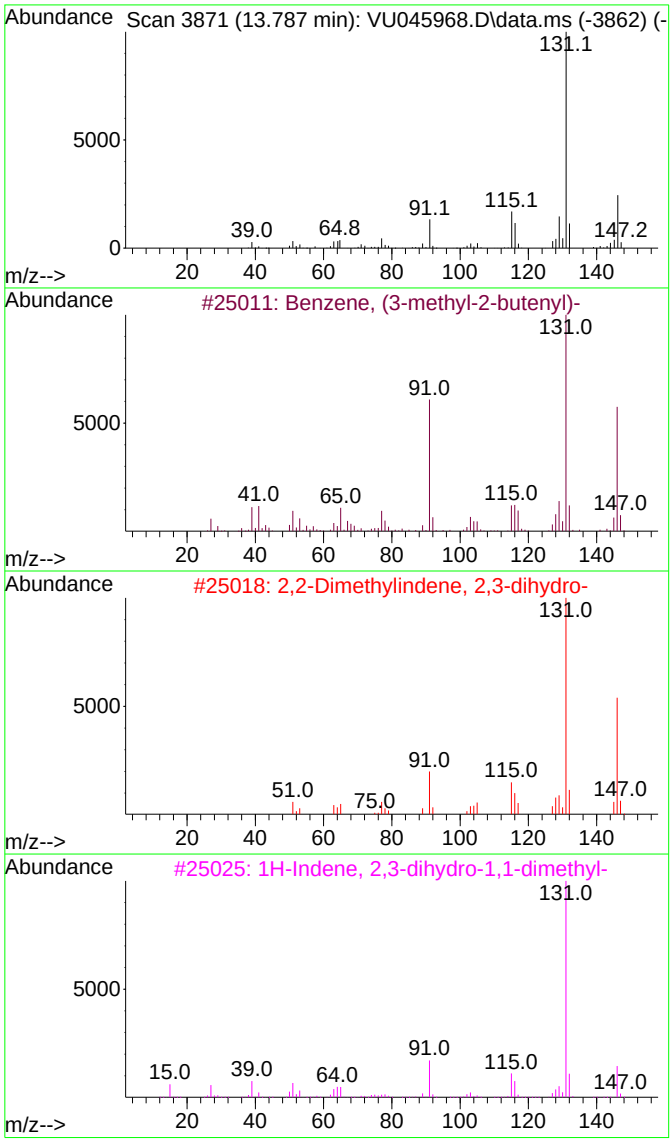
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

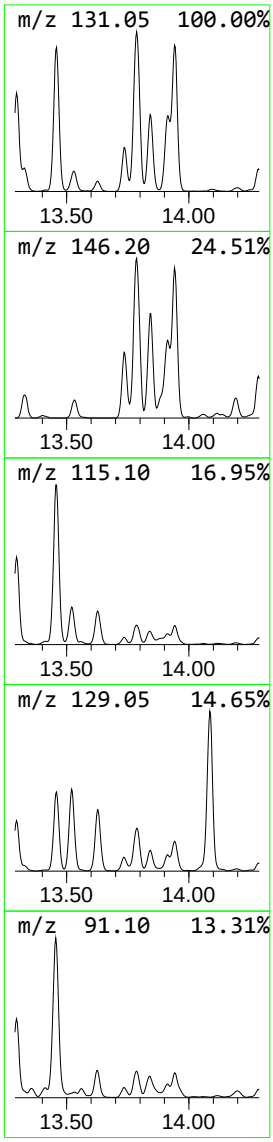
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzene, (3-methyl-2-butenyl)- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.787	6.43 ug/L	544123	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	87
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045968.D
Acq On : 23 Nov 2021 20:06
Operator : SY/MD
Sample : M4722-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48

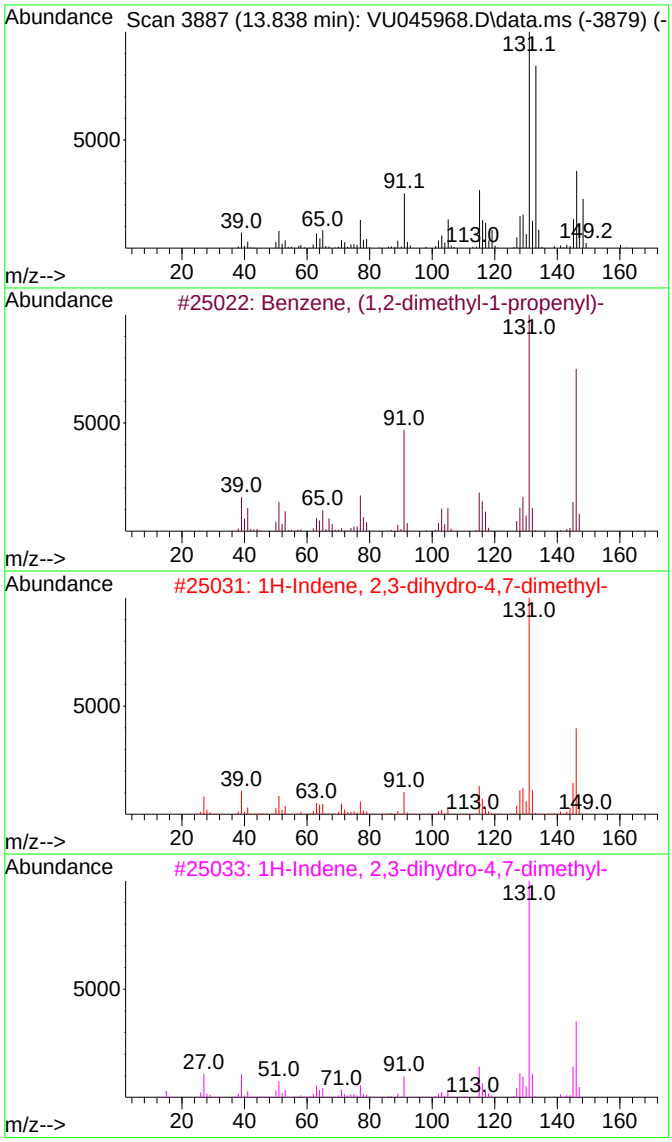
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

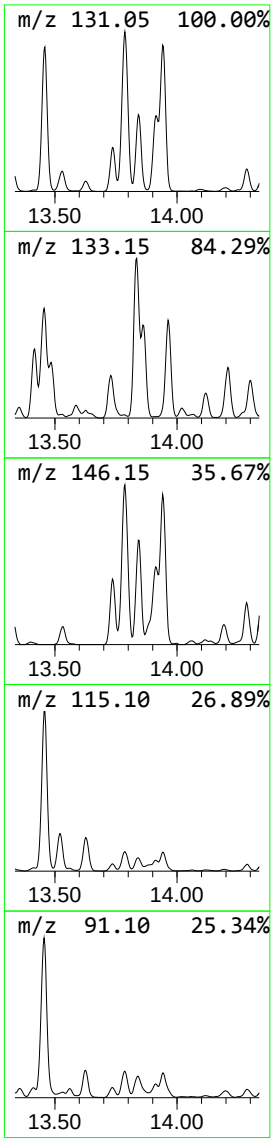
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.838	5.78 ug/L	488760	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	78
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	78





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Data File : VU045968.D
Acq On : 23 Nov 2021 20:06
Operator : SY/MD
Sample : M4722-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48

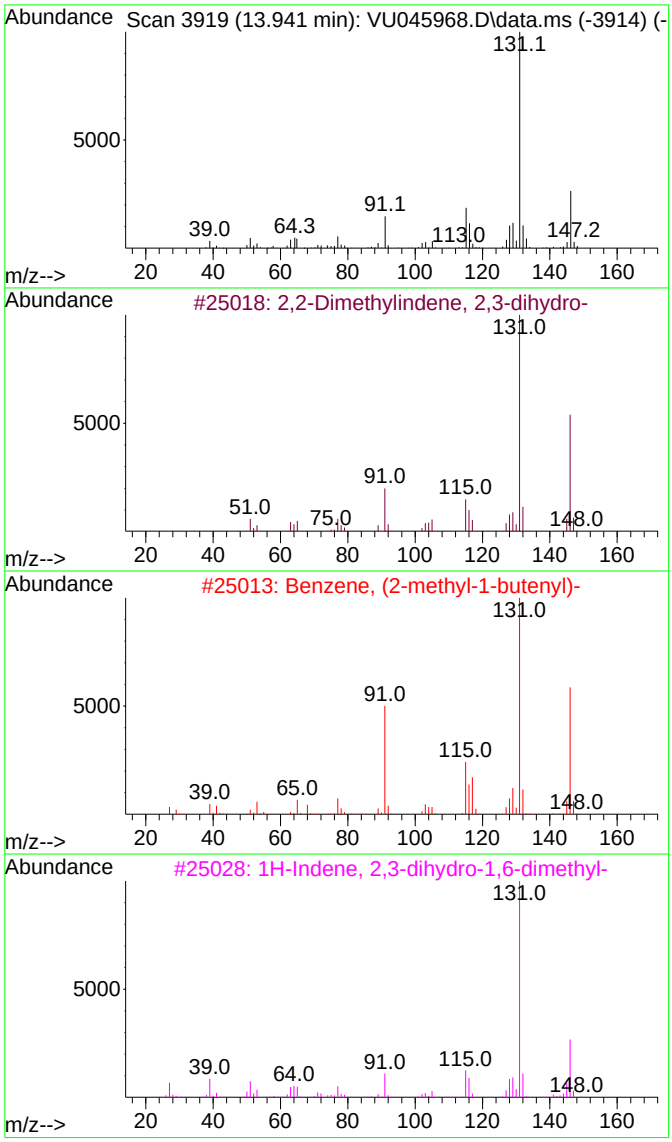
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

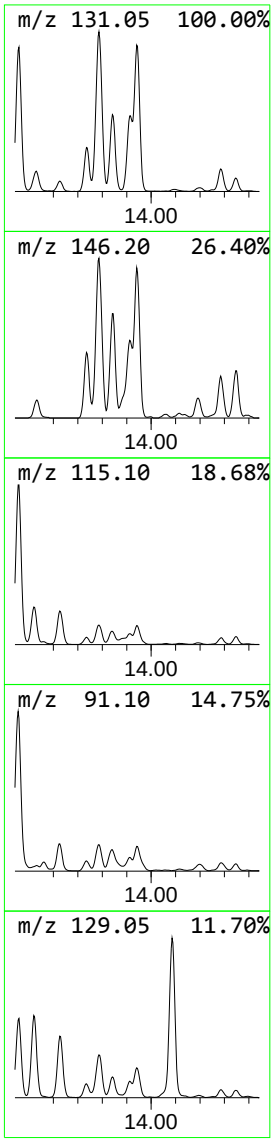
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 2,2-Dimethylindene, 2,3-dih... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.941	7.51 ug/L	635310	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	94
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	94
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045968.D
Acq On : 23 Nov 2021 20:06
Operator : SY/MD
Sample : M4722-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48

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

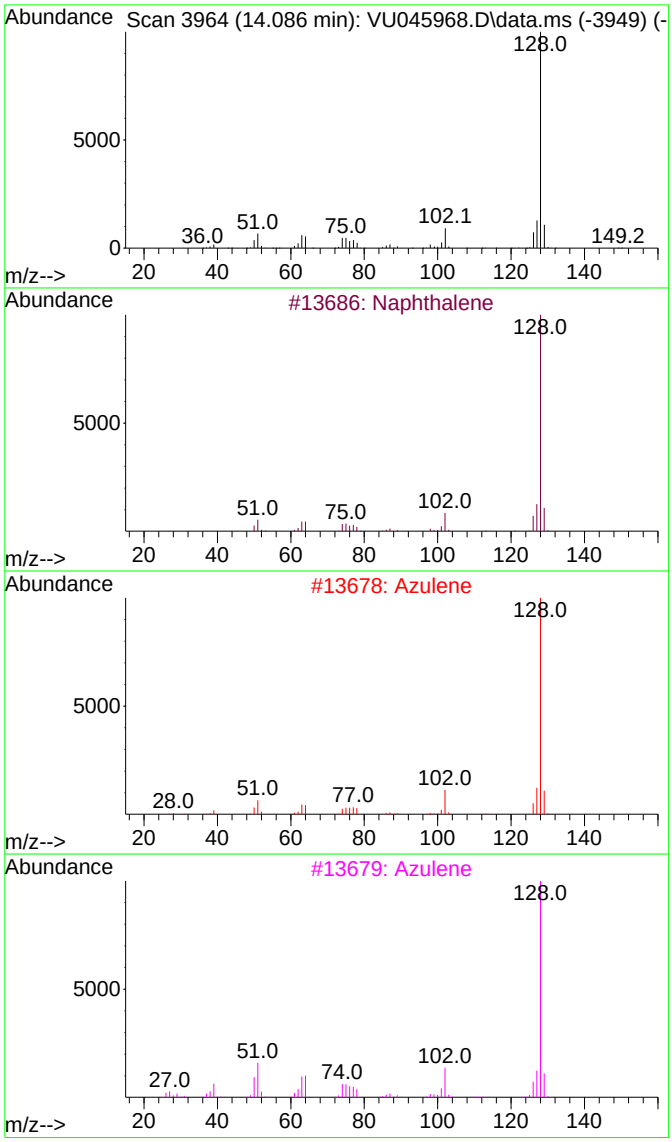
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

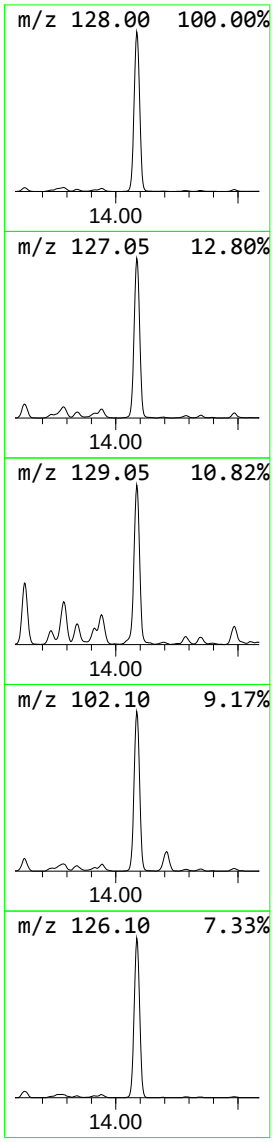
****

Peak Number 31 Azulene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.086	27.01 ug/L	2283810	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Azulene	128	C10H8	000275-51-4	94
3	Azulene	128	C10H8	000275-51-4	91
4	Azulene	128	C10H8	000275-51-4	91
5	Naphthalene	128	C10H8	000091-20-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045968.D
Acq On : 23 Nov 2021 20:06
Operator : SY/MD
Sample : M4722-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48

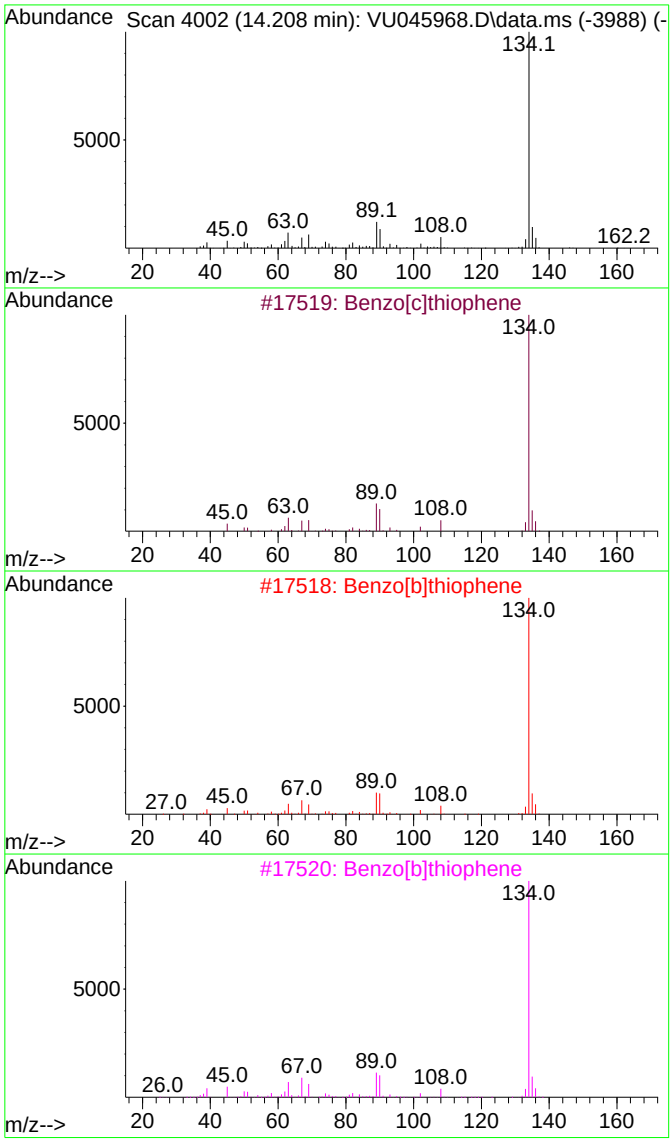
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

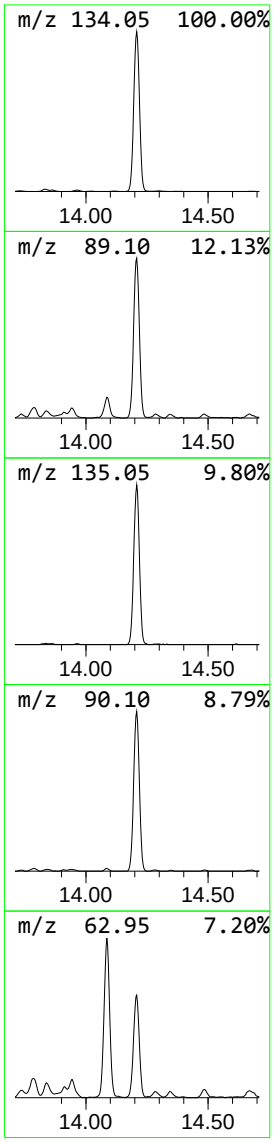
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Benzo[c]thiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.208	16.14 ug/L	1364770	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	97
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045968.D
Acq On : 23 Nov 2021 20:06
Operator : SY/MD
Sample : M4722-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48

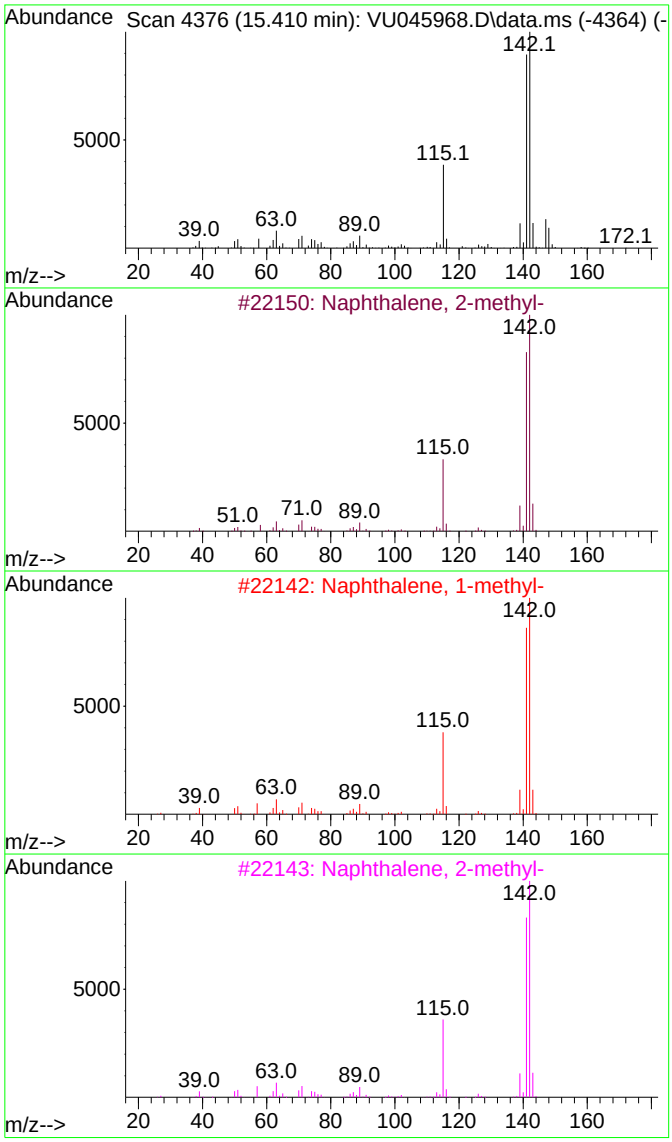
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0

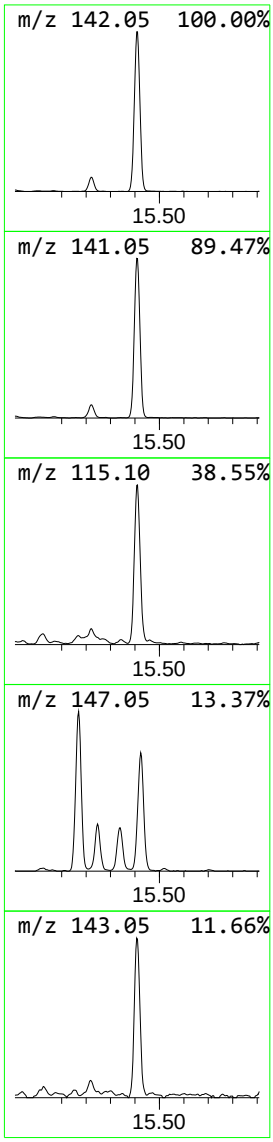
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Naphthalene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	7.90 ug/L	668292	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045968.D
Acq On : 23 Nov 2021 20:06
Operator : SY/MD
Sample : M4722-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0G48

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	21.2	ug/L	5979830	1	6.253	1408370	5.0
(DEL) Alkane: S...	2.208	2.7	ug/L	770711	1	6.253	1408370	5.0
(DEL) Alkane: C...	2.472	2.2	ug/L	625601	1	6.253	1408370	5.0
(DEL) Alkane: S...	3.047	4.2	ug/L	1180220	1	6.253	1408370	5.0
(DEL) Alkane: S...	3.089	7.4	ug/L	2095130	1	6.253	1408370	5.0
(DEL) Alkane: C...	3.144	6.7	ug/L	1897260	1	6.253	1408370	5.0
(DEL) Alkane: S...	3.369	7.4	ug/L	2075330	1	6.253	1408370	5.0
(DEL) Alkane: C...	4.539	13.9	ug/L	3915830	1	6.253	1408370	5.0
(DEL) Alkane: S...	5.465	2.3	ug/L	655208	1	6.253	1408370	5.0
(DEL) Alkane: S...	5.597	2.2	ug/L	627820	1	6.253	1408370	5.0
(DEL) Alkane: C...	5.858	2.5	ug/L	696837	1	6.253	1408370	5.0
Cyclobutane, et...	5.903	5.0	ug/L	1408370	1	6.253	1408370	5.0
Cyclobutane, (1...	7.398	2.8	ug/L	774346	1	6.253	1408370	5.0
Benzene, propyl-	10.906	28.8	ug/L	2435360	3	11.812	422836	5.0
Benzene, 1-ethy...	11.025	13.9	ug/L	1172040	3	11.812	422836	5.0
Benzene, 1-ethy...	11.291	11.6	ug/L	979091	3	11.812	422836	5.0
Indane	12.095	80.9	ug/L	6844140	3	11.812	422836	5.0
Indene	12.311	9.2	ug/L	776610	3	11.812	422836	5.0
Benzene, 2-ethy...	12.465	7.4	ug/L	623513	3	11.812	422836	5.0
Benzene, 2-ethy...	12.571	28.2	ug/L	2387900	3	11.812	422836	5.0
1-Phenyl-1-butene	12.613	7.0	ug/L	592907	3	11.812	422836	5.0
Benzene, 1-ethe...	12.684	34.6	ug/L	2925720	3	11.812	422836	5.0
Benzene, 1,2,3,...	12.973	17.6	ug/L	1492360	3	11.812	422836	5.0
Benzene, 1,2,3,...	13.028	9.1	ug/L	770427	3	11.812	422836	5.0
1H-Indene, 2,3-...	13.295	21.2	ug/L	1793050	3	11.812	422836	5.0
1H-Indene, 2,3-...	13.455	45.9	ug/L	3884640	3	11.812	422836	5.0
2-Methylindene	13.626	6.6	ug/L	558310	3	11.812	422836	5.0
Benzene, (3-met...	13.787	6.4	ug/L	544123	3	11.812	422836	5.0
Benzene, (1,2-d...	13.838	5.8	ug/L	488760	3	11.812	422836	5.0
2,2-Dimethylind...	13.941	7.5	ug/L	635310	3	11.812	422836	5.0
Azulene	14.086	27.0	ug/L	2283810	3	11.812	422836	5.0
Benzo[c]thiophene	14.208	16.1	ug/L	1364770	3	11.812	422836	5.0
Naphthalene, 2-...	15.410	7.9	ug/L	668292	3	11.812	422836	5.0