LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049329.D
Acq On : 21 Jun 2022 15:54
Operator : SY/MD
Sample : N3425-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

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\SFAMUTR061422WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU049329.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.359	3	6	26	rVB	9483960	8534724	58.97%	10.649%
2	1.491	39	47	60	rBV	451519	425135	2.94%	0.530%
3	1.584	67	76	87	rBV2	3565302	5361508	37.05%	6.690%
4	1.633	87	91	94	rVV	342278	345295	2.39%	0.431%
5	1.658	94	99	114	rVV	1313698	1437007	9.93%	1.793%
6	1.732	114	122	137	rVB	1031170	1161196	8.02%	1.449%
7	1.906	166	176	189	rVV2	251721	345686	2.39%	0.431%
8	1.996	193	204	218	rVB	308454	423352	2.93%	0.528%
9	2.153	242	253	261	rBV	933436	1276292	8.82%	1.592%
10	2.205	261	269	290	rVB3	689685	1212367	8.38%	1.513%
11	2.317	292	304	318	rBV	851051	1194605	8.25%	1.491%
12	2.414	318	334	342	rVV3	505831	899839	6.22%	1.123%
13	2.465	342	350	366	rVB	629809	987205	6.82%	1.232%
14	2.568	369	382	392	rVV2	89744	163603	1.13%	0.204%
15	2.633	392	402	431	rVB2	204098	352196	2.43%	0.439%
16	2.800	441	454	463	rBV3	96209	167904	1.16%	0.210%
17	2.858	463	472	490	rVB	145115	262692	1.82%	0.328%
18	2.967	490	506	511	rBV2	118244	247634	1.71%	0.309%
19	3.015	512	521	534	rVV	543712	1071159	7.40%	1.337%
20	3.083	534	542	549	rVV	82866	158694	1.10%	0.198%
21	3.141	549	560	581	rVB4	198798	535354	3.70%	0.668%
22	3.359	606	628	647	rVB5	69454	164256	1.13%	0.205%
23	3.587	678	699	718	rBV	449301	1012071	6.99%	1.263%
24	3.700	718	734	752	rVB	194795	426864	2.95%	0.533%
25	3.835	756	776	787	rBV2	124829	289378	2.00%	0.361%
26	3.915	787	801	812	rVV	275585	621560	4.29%	0.776%
27	3.980	813	821	839	rVB	135214	308775	2.13%	0.385%
28	4.189	867	886	899	rBV4	232719	733478	5.07%	0.915%
29	4.333	919	931	952	rVB3	62910	155050	1.07%	0.193%
30	4.533	977	993	1009	rBV	176534	425318	2.94%	0.531%
31	4.665	1009	1034	1073	rVB2	668595	1827458	12.63%	2.280%
32	5.063	1142	1158	1177	rBV3	97830	323687	2.24%	0.404%
33	5.179	1182	1194	1209	rVB2	211463	459341	3.17%	0.573%
34	5.385	1244	1258	1268	rBV6	139601	371410	2.57%	0.463%
35	5.726	1339	1364	1366	rBV3	163960	351765	2.43%	0.439%
36	5.774	1367	1379	1396	rVV	2669590	5404748	37.34%	6.744%

LSC Area Percent Report

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Acq On : 21 Jun 2022 15:54
Operator : SY/MD
Sample : N3425-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

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\SFAMUTR061422WMA.M
Title : TRACE VOA SFAM1.0

37	5.893	1397	1416	1432	rVV	352321	814300	5.63%	1.016%
38	6.021	1433	1456	1477	rVB	192163	501934	3.47%	0.626%
39	6.134	1477	1491	1499	rBV	149404	283190	1.96%	0.353%
40	6.182	1499	1506	1516	rVB2	107176	183900	1.27%	0.229%
41	6.250	1516	1527	1533	rBV	170263	308641	2.13%	0.385%
42	6.292	1534	1540	1548	rVV2	185122	355590	2.46%	0.444%
43	6.343	1549	1556	1570	rVB3	187598	348865	2.41%	0.435%
44	6.542	1603	1618	1646	rBV	1250045	2516544	17.39%	3.140%
45	6.690	1651	1664	1673	rVV	111387	210617	1.46%	0.263%
46	6.764	1674	1687	1708	rVB3	252623	633845	4.38%	0.791%
47	7.185	1800	1818	1829	rVB4	158964	482227	3.33%	0.602%
48	7.398	1871	1884	1893	rBV3	100855	204060	1.41%	0.255%
49	7.565	1927	1936	1957	rVB	66417	146077	1.01%	0.182%
50	7.758	1985	1996	2014	rVB	274564	489824	3.38%	0.611%
51	7.899	2031	2040	2049	rVB	188337	296232	2.05%	0.370%
52	7.970	2049	2062	2075	rBV	3805223	6360393	43.95%	7.936%
53	8.555	2225	2244	2259	rBV	8543245	14472766	100.00%	18.058%
54	8.635	2259	2269	2283	rVB2	331363	602544	4.16%	0.752%
55	8.809	2310	2323	2333	rVB3	73039	166618	1.15%	0.208%
56	9.417	2499	2512	2521	rBV	232428	383322	2.65%	0.478%
57	9.568	2549	2559	2582	rVB	1170695	1894886	13.09%	2.364%
58	9.690	2584	2597	2619	rBV	1721793	2833333	19.58%	3.535%
59	10.102	2712	2725	2751	rVB2	927875	1649745	11.40%	2.058%
60	10.758	2917	2929	2942	rVB	103167	173655	1.20%	0.217%
61	10.905	2964	2975	2987	rVB	145550	221595	1.53%	0.276%
62	10.996	2992	3003	3010	rBV	402564	706430	4.88%	0.881%
63	11.086	3023	3031	3059	rVB	104440	183028	1.26%	0.228%
64	11.291	3084	3095	3113	rBV	212097	350183	2.42%	0.437%
65	11.468	3130	3150	3161	rBV	374243	605635	4.18%	0.756%
66	11.809	3244	3256	3271	rVB	278504	466838	3.23%	0.582%
67	11.893	3271	3282	3292	rBV	190303	293209	2.03%	0.366%
68	12.095	3326	3345	3363	rBV3	248500	486897	3.36%	0.608%
69	12.192	3363	3375	3392	rVB4	298979	536627	3.71%	0.670%
70	12.680	3516	3527	3545	rBV	111439	214723	1.48%	0.268%
71	13.455	3758	3768	3779	rVB2	115632	182718	1.26%	0.228%
72	14.085	3951	3964	3983	rVB	83171	144893	1.00%	0.181%

Sum of corrected areas: 80144490

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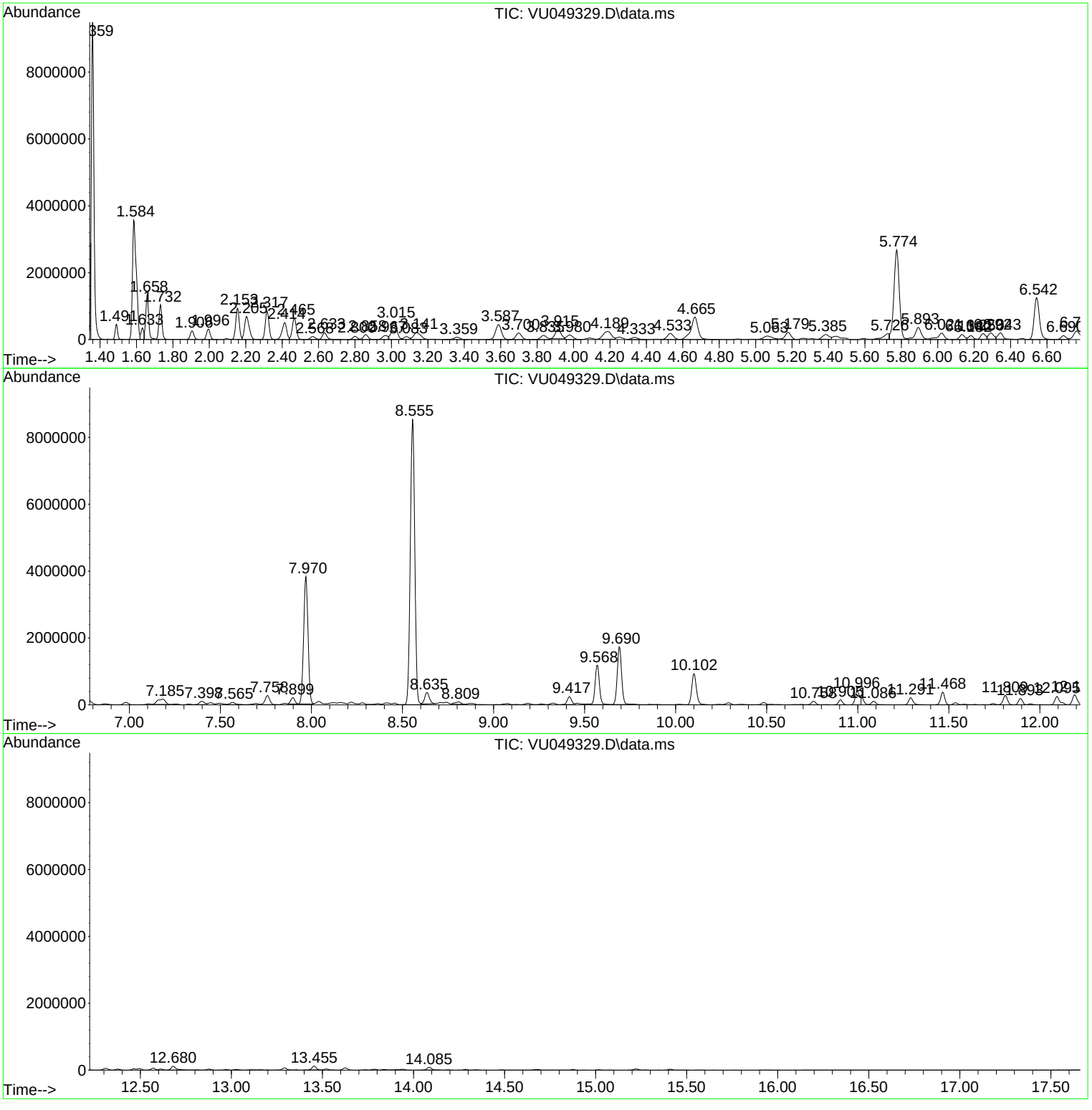
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.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\VU062122\
Data File : VU049329.D
Acq On : 21 Jun 2022 15:54
Operator : SY/MD
Sample : N3425-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

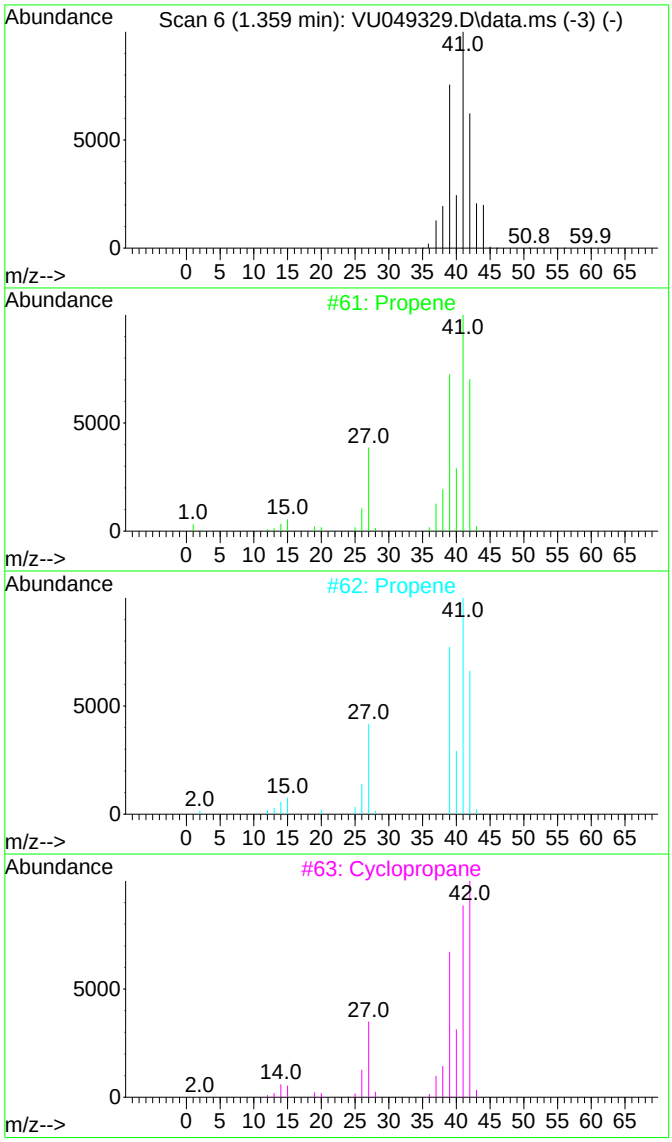
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

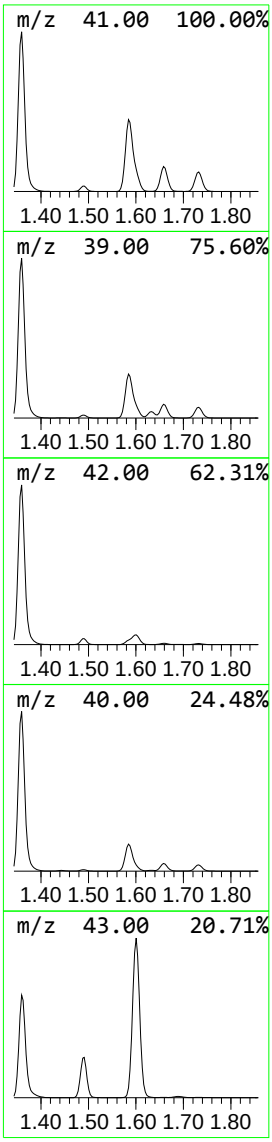
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.359	138.26 ug/L	8534720	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Propene	42	C3H6	000115-07-1	42
3	Cyclopropane	42	C3H6	000075-19-4	16
4	2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	9
5	Cyclopropane	42	C3H6	000075-19-4	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049329.D
Acq On : 21 Jun 2022 15:54
Operator : SY/MD
Sample : N3425-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

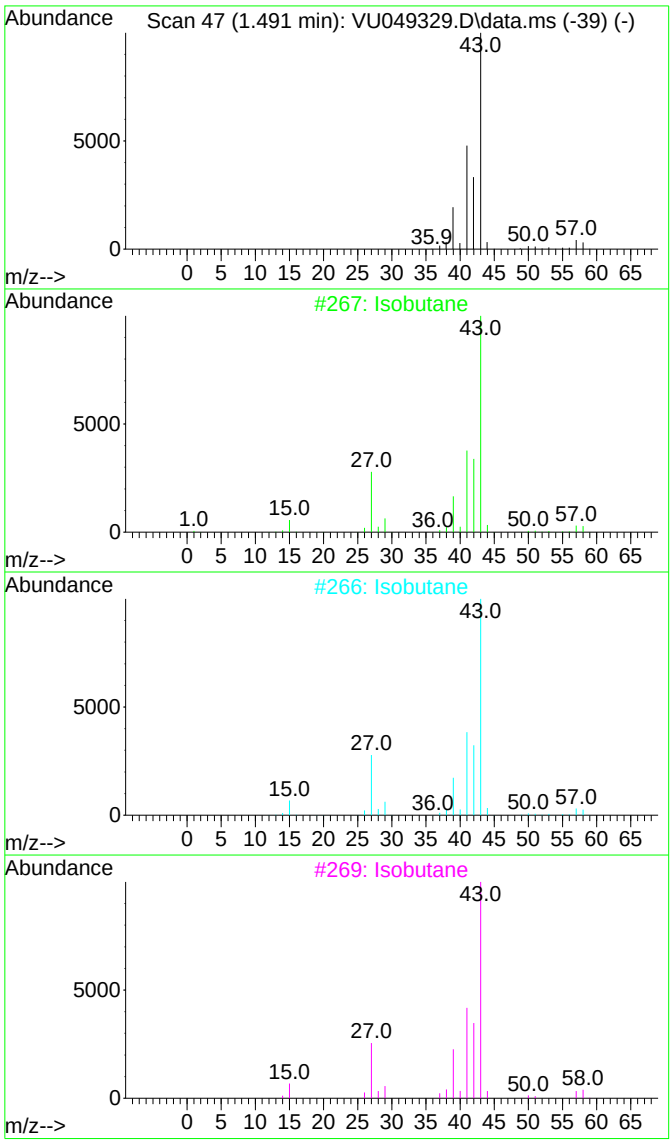
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

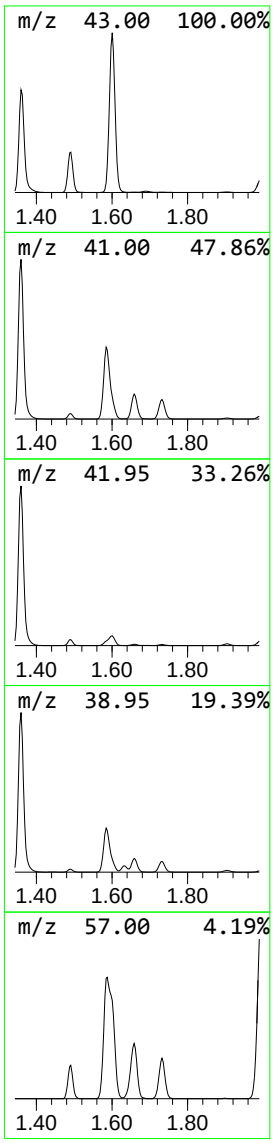
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.491	6.89 ug/L	425135	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	86
2	Isobutane	58	C4H10	000075-28-5	80
3	Isobutane	58	C4H10	000075-28-5	78
4	Isobutane	58	C4H10	000075-28-5	72
5	Isobutane	58	C4H10	000075-28-5	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049329.D
Acq On : 21 Jun 2022 15:54
Operator : SY/MD
Sample : N3425-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

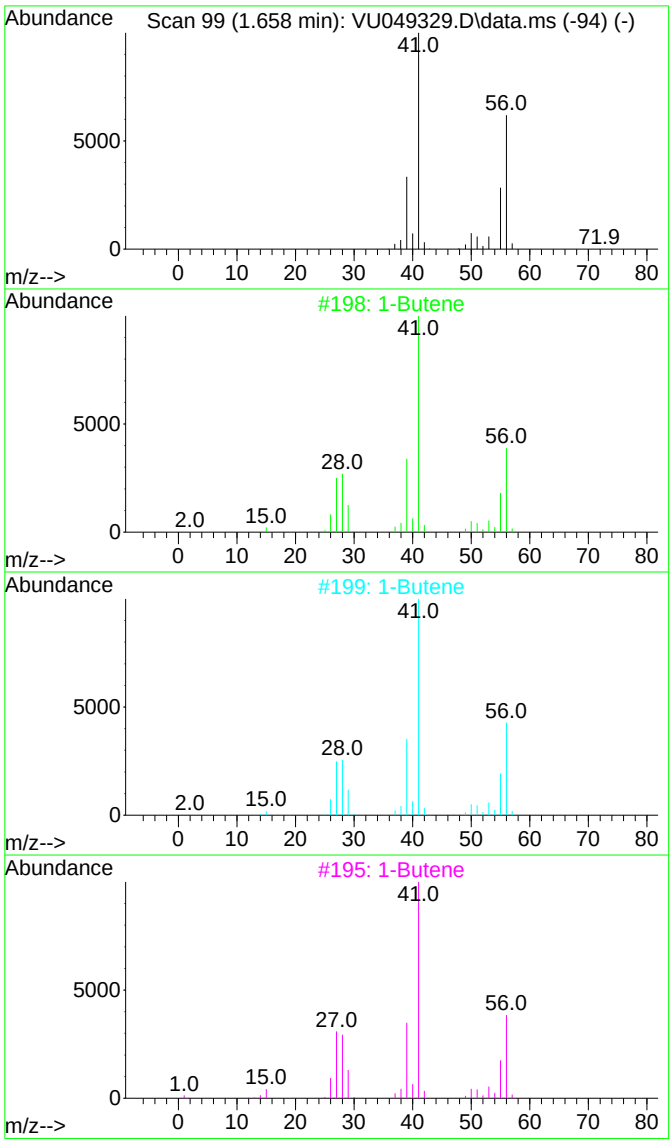
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

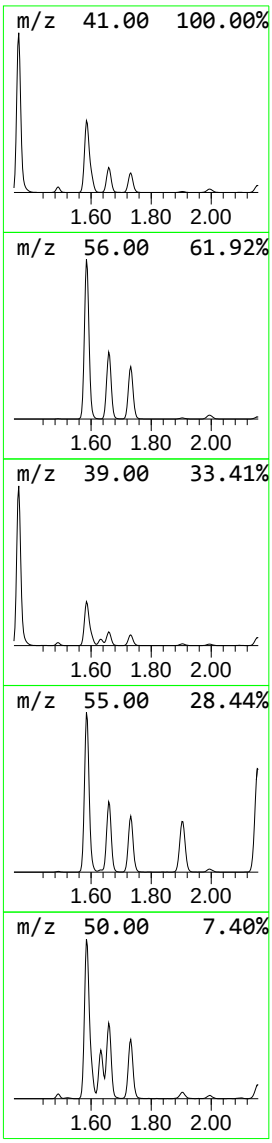
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.658	23.28 ug/L	1437010	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene	56	C4H8	000106-98-9	83
2	1-Butene	56	C4H8	000106-98-9	83
3	1-Butene	56	C4H8	000106-98-9	83
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	80
5	2-Butene, (Z)-	56	C4H8	000590-18-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049329.D
Acq On : 21 Jun 2022 15:54
Operator : SY/MD
Sample : N3425-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

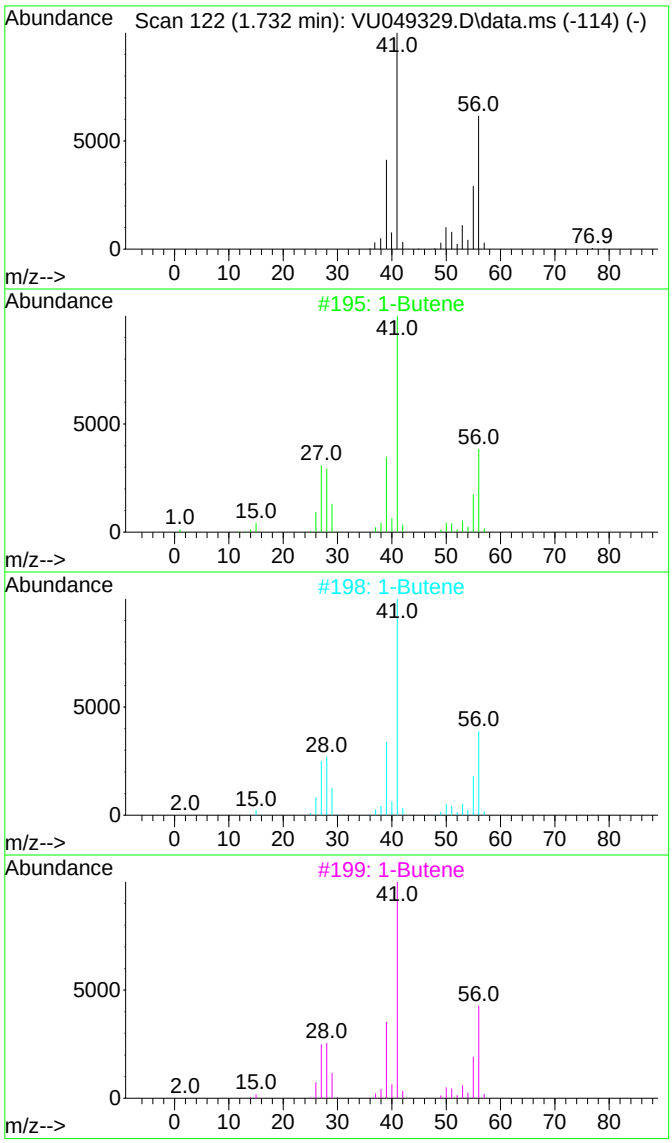
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

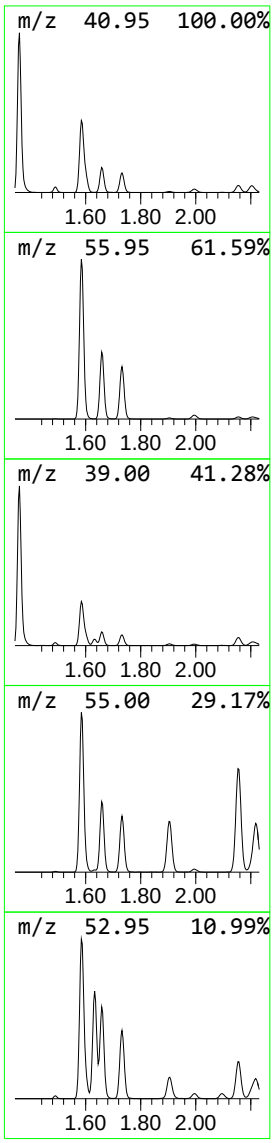
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.732	18.81 ug/L	1161200	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene	56	C4H8	000106-98-9	87
2	1-Butene	56	C4H8	000106-98-9	87
3	1-Butene	56	C4H8	000106-98-9	87
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	87
5	2-Butene, (Z)-	56	C4H8	000590-18-1	83





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Acq On : 21 Jun 2022 15:54
Operator : SY/MD
Sample : N3425-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

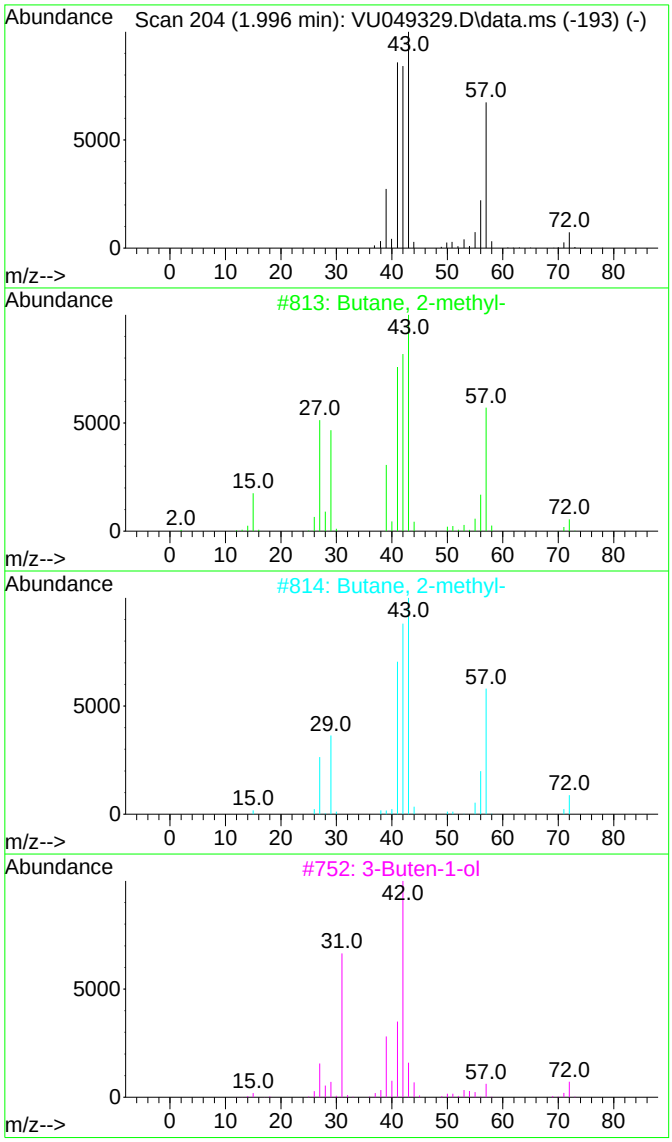
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

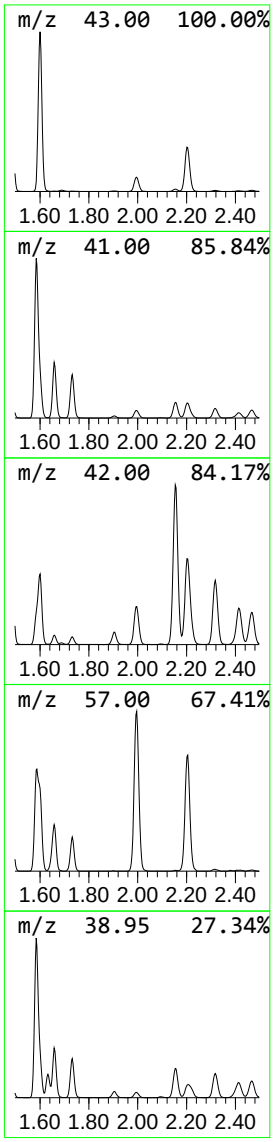
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.996	6.86 ug/L	423352	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	90
2	Butane, 2-methyl-	72	C5H12	000078-78-4	90
3	3-Buten-1-ol	72	C4H8O	000627-27-0	47
4	Pentane	72	C5H12	000109-66-0	36
5	1-Butene	56	C4H8	000106-98-9	10





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Data File : VU049329.D
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Operator : SY/MD
Sample : N3425-02
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

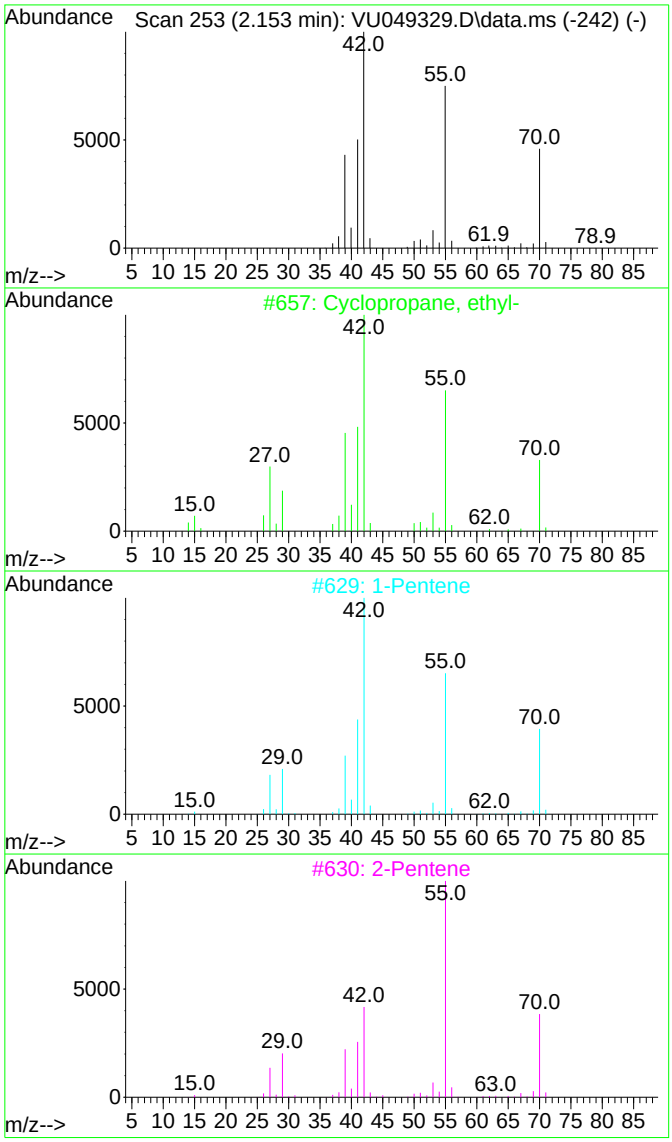
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

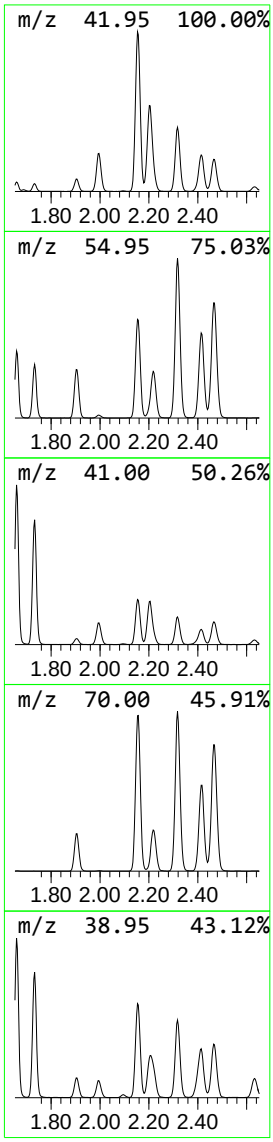
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic2.153 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.153	20.68 ug/L	1276290	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	91
2	1-Pentene	70	C5H10	000109-67-1	81
3	2-Pentene	70	C5H10	000109-68-2	80
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	78
5	1-Pentene	70	C5H10	000109-67-1	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049329.D
Acq On : 21 Jun 2022 15:54
Operator : SY/MD
Sample : N3425-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

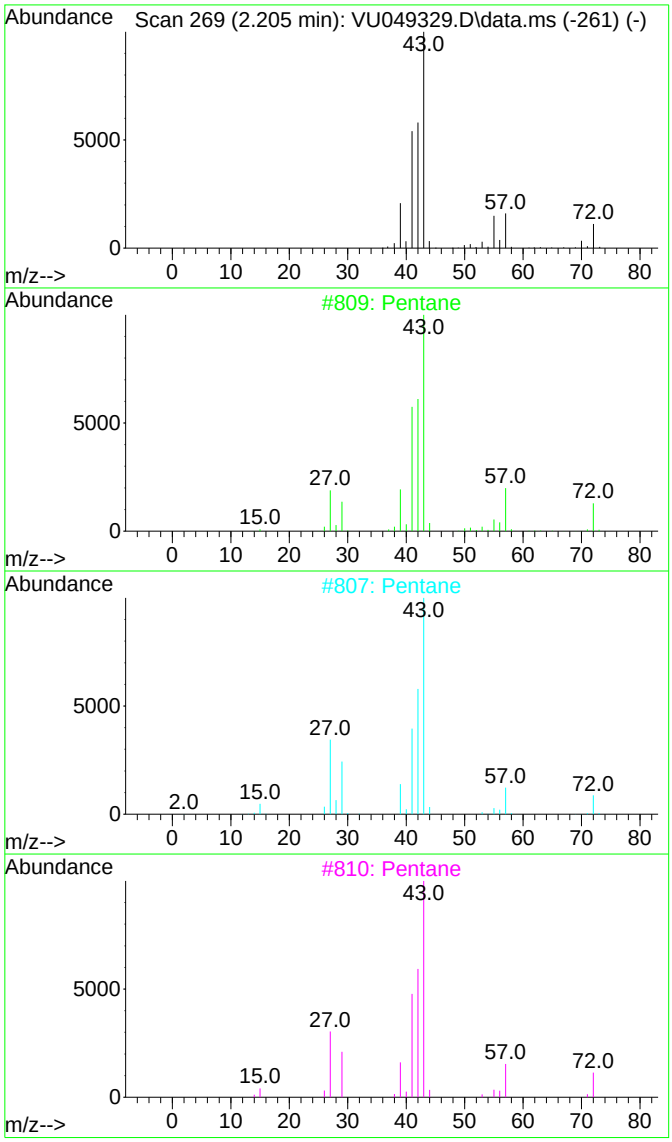
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

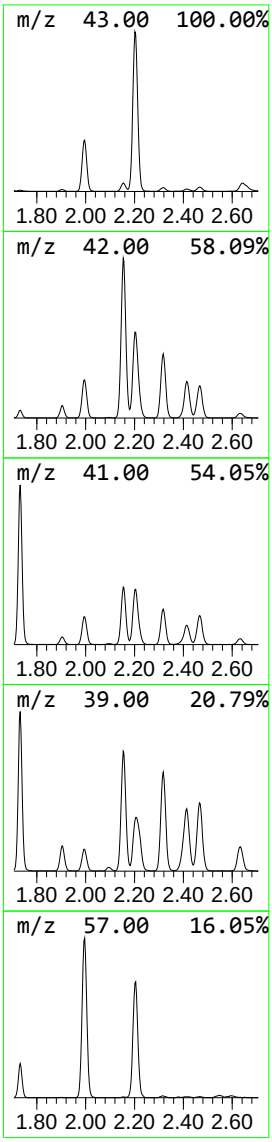
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.205	19.64 ug/L	1212370	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Pentane	72	C5H12	000109-66-0	86
3	Pentane	72	C5H12	000109-66-0	86
4	Pentane	72	C5H12	000109-66-0	86
5	Pentane	72	C5H12	000109-66-0	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049329.D
Acq On : 21 Jun 2022 15:54
Operator : SY/MD
Sample : N3425-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

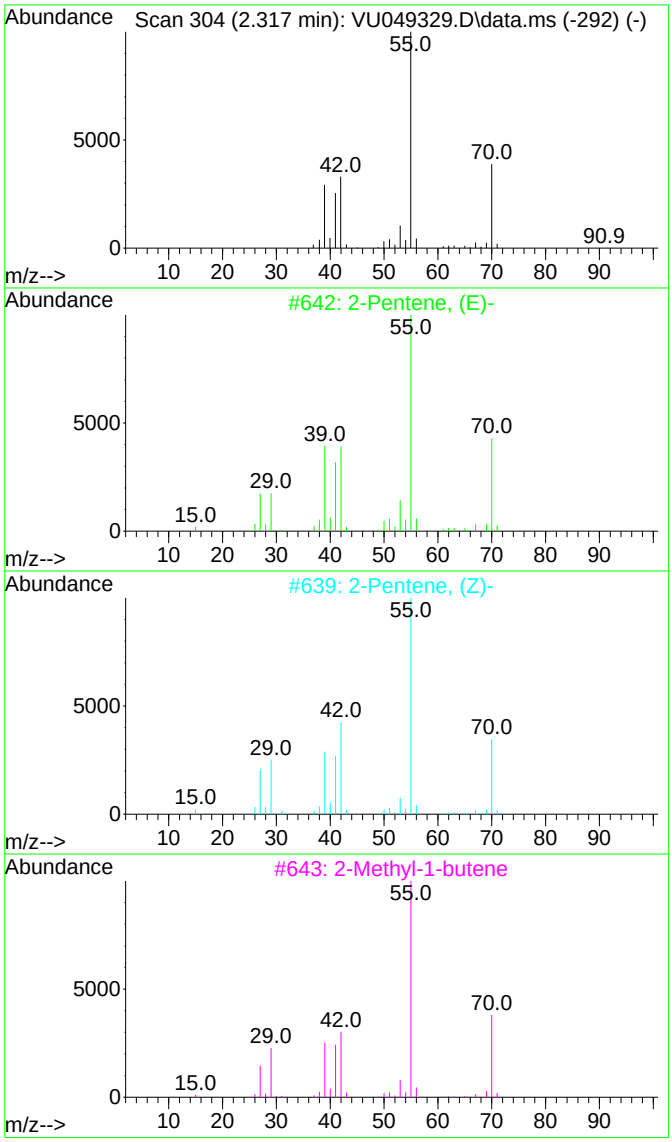
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

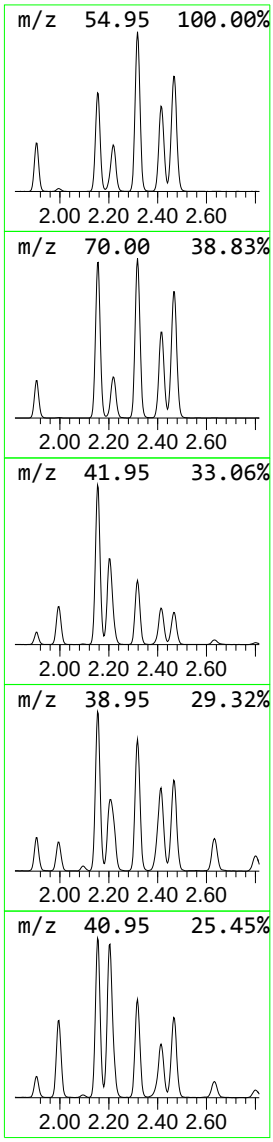
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.317	19.35 ug/L	1194610	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (E)-	70	C5H10	000646-04-8	94
2	2-Pentene, (Z)-	70	C5H10	000627-20-3	91
3	2-Methyl-1-butene	70	C5H10	000563-46-2	91
4	2-Methyl-1-butene	70	C5H10	000563-46-2	91
5	2-Pentene	70	C5H10	000109-68-2	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049329.D
Acq On : 21 Jun 2022 15:54
Operator : SY/MD
Sample : N3425-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

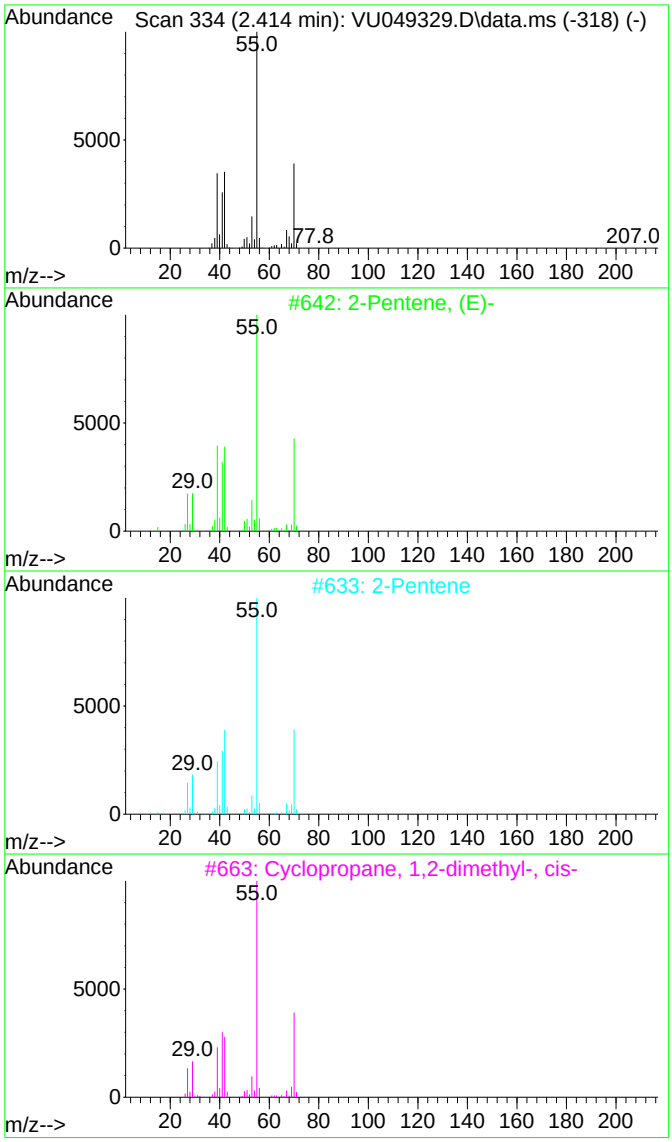
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

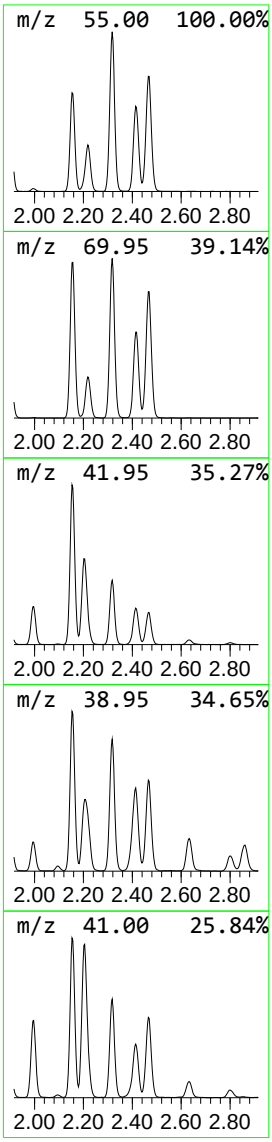
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.414	14.58 ug/L	899839	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (E)-	70	C5H10	000646-04-8	93
2	2-Pentene	70	C5H10	000109-68-2	91
3	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	90
4	2-Methyl-1-butene	70	C5H10	000563-46-2	87
5	2-Pentene, (Z)-	70	C5H10	000627-20-3	87





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Data File : VU049329.D
Acq On : 21 Jun 2022 15:54
Operator : SY/MD
Sample : N3425-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

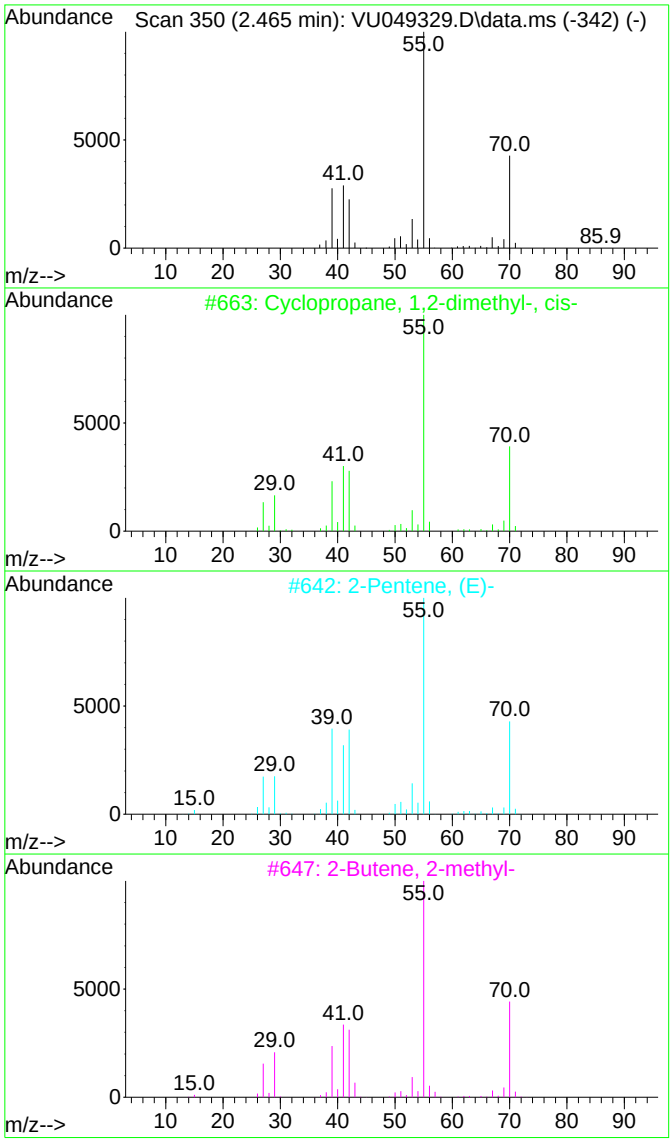
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

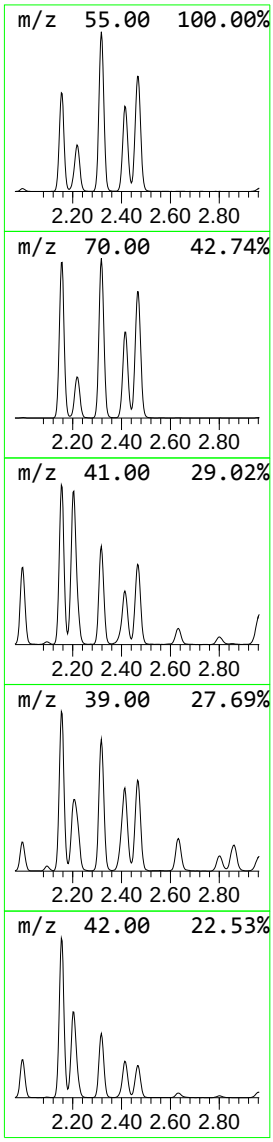
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic2.465 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.465	15.99 ug/L	987205	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
2	2-Pentene, (E)-	70	C5H10	000646-04-8	90
3	2-Butene, 2-methyl-	70	C5H10	000513-35-9	86
4	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	83
5	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049329.D
Acq On : 21 Jun 2022 15:54
Operator : SY/MD
Sample : N3425-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

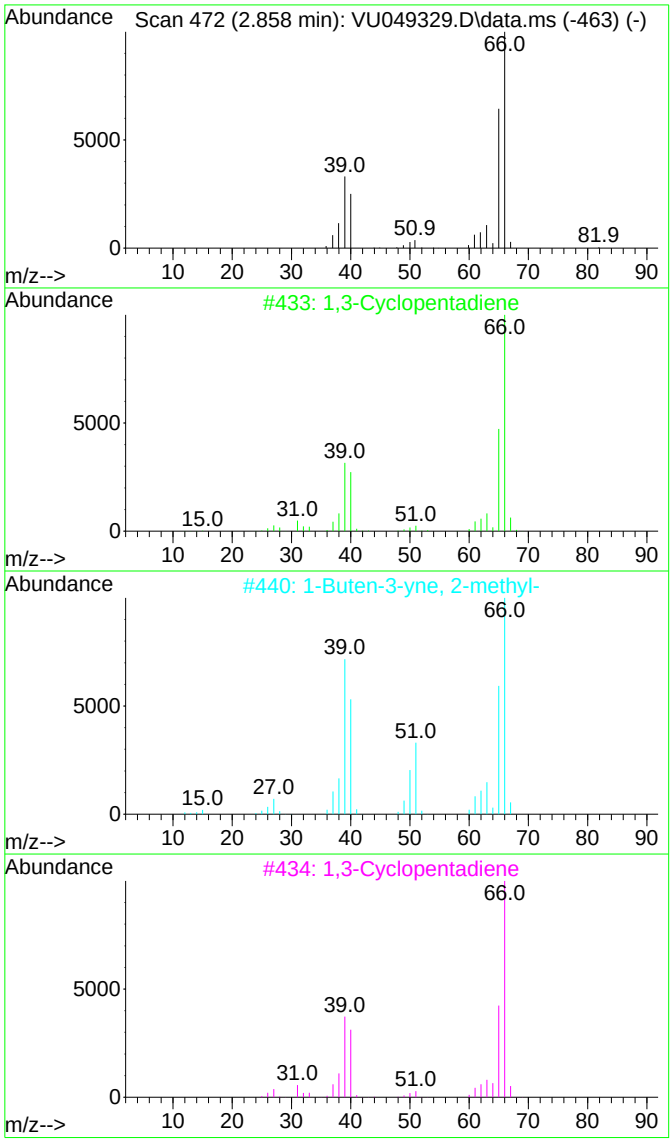
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

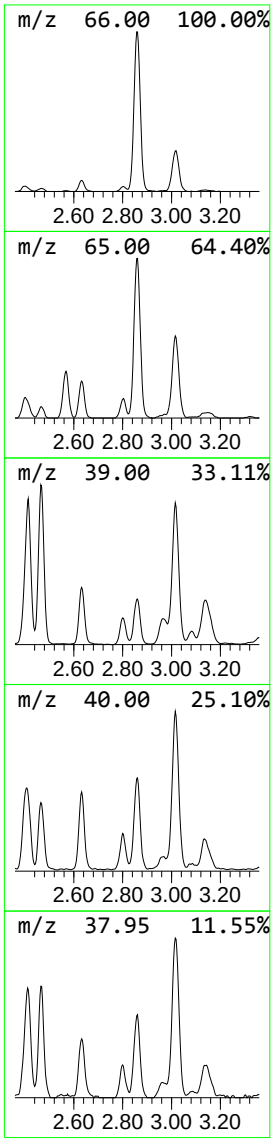
****

Peak Number 11 1,3-Cyclopentadiene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.858	4.26 ug/L	262692	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene	66	C5H6	000542-92-7	91
2	1-Buten-3-yne, 2-methyl-	66	C5H6	000078-80-8	91
3	1,3-Cyclopentadiene	66	C5H6	000542-92-7	90
4	3-Penten-1-yne, (Z)-	66	C5H6	001574-40-9	83
5	3-Penten-1-yne	66	C5H6	002206-23-7	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049329.D
Acq On : 21 Jun 2022 15:54
Operator : SY/MD
Sample : N3425-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

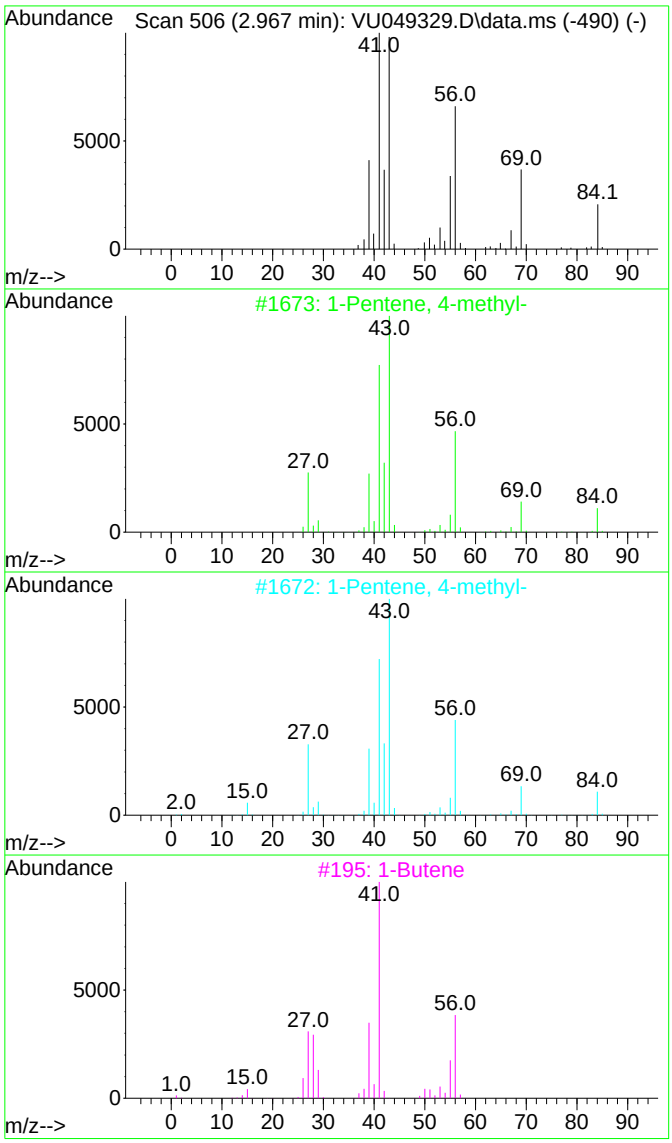
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

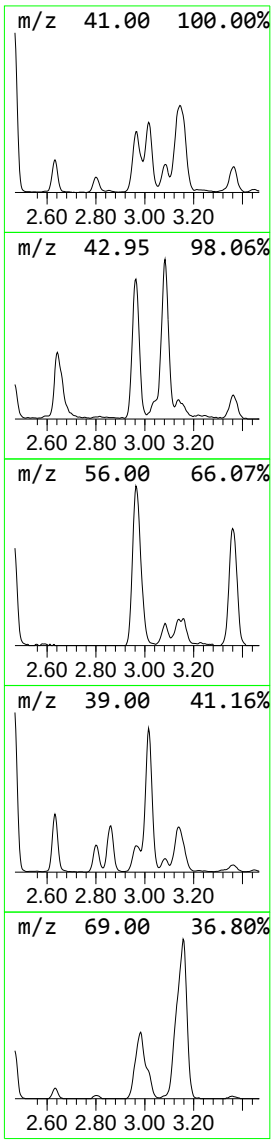
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.967	4.01 ug/L	247634	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	59
2	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	53
3	1-Butene	56	C4H8	000106-98-9	52
4	1-Butene	56	C4H8	000106-98-9	52
5	1-Butene	56	C4H8	000106-98-9	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049329.D
Acq On : 21 Jun 2022 15:54
Operator : SY/MD
Sample : N3425-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

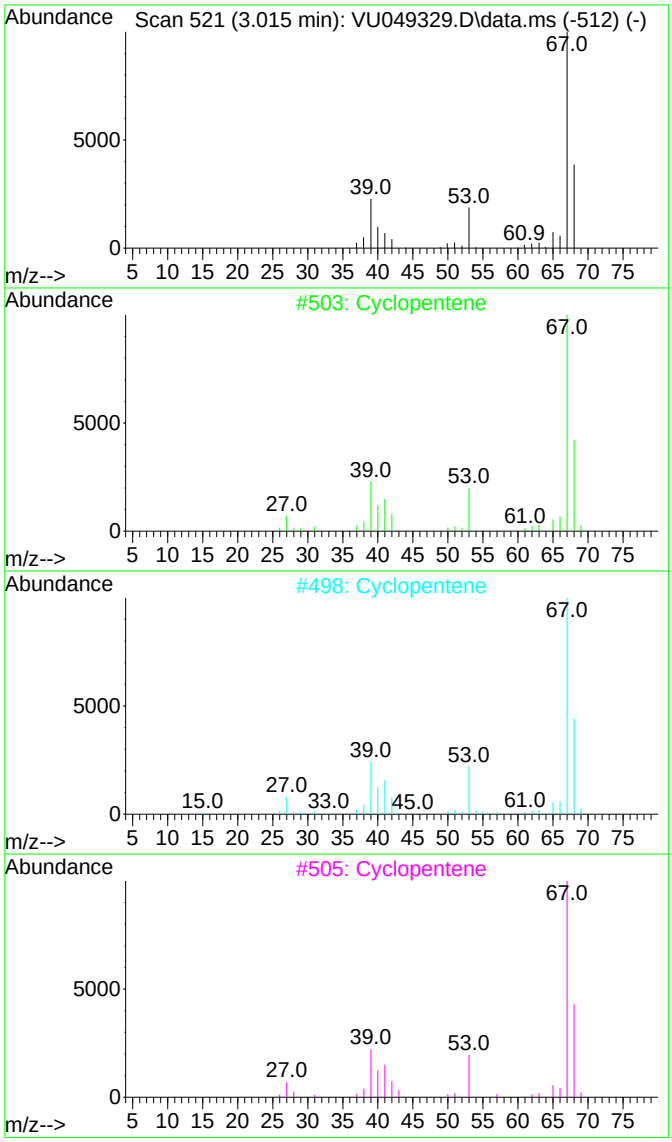
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

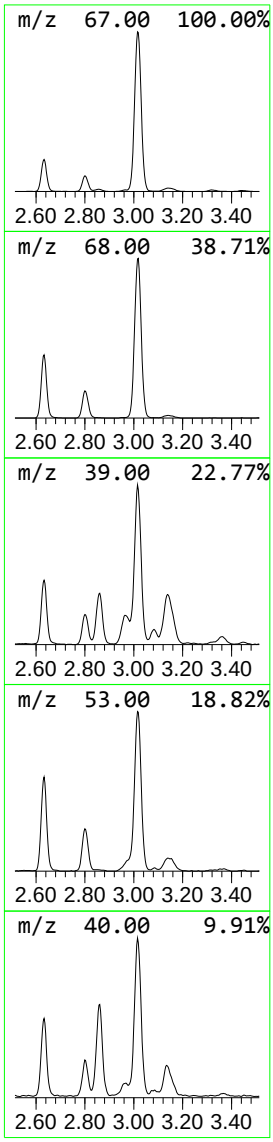
****

Peak Number 13 Cyclopentene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.015	17.35 ug/L	1071160	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene	68	C5H8	000142-29-0	91
2	Cyclopentene	68	C5H8	000142-29-0	91
3	Cyclopentene	68	C5H8	000142-29-0	87
4	Cyclopentene	68	C5H8	000142-29-0	86
5	1-Butyne, 3-methyl-	68	C5H8	000598-23-2	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049329.D
Acq On : 21 Jun 2022 15:54
Operator : SY/MD
Sample : N3425-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

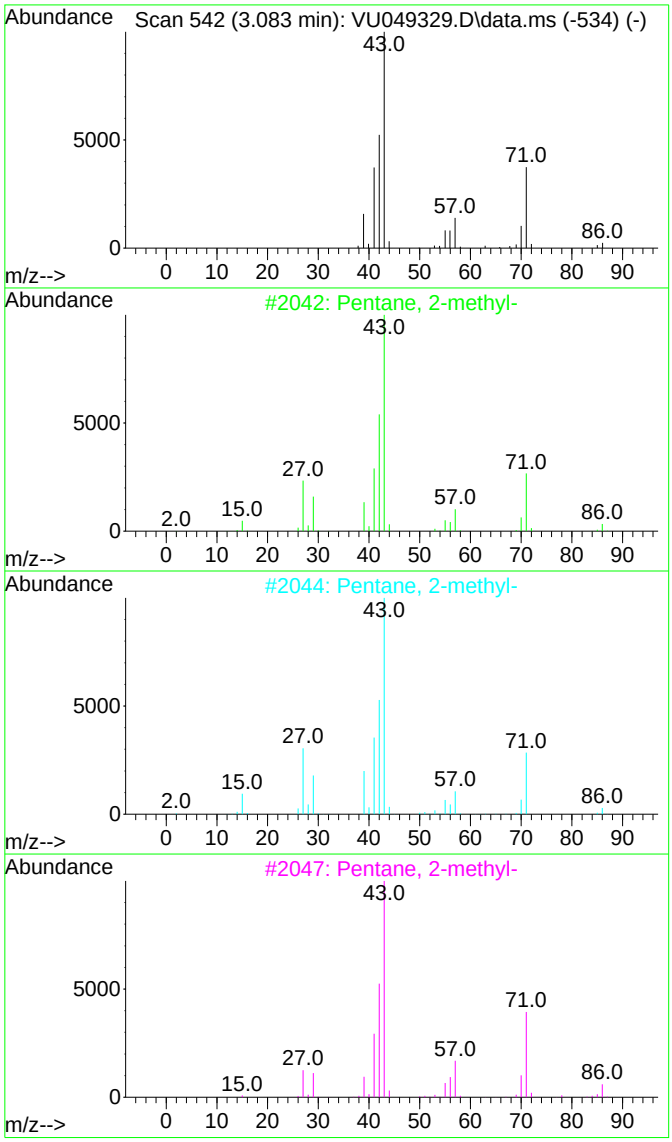
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

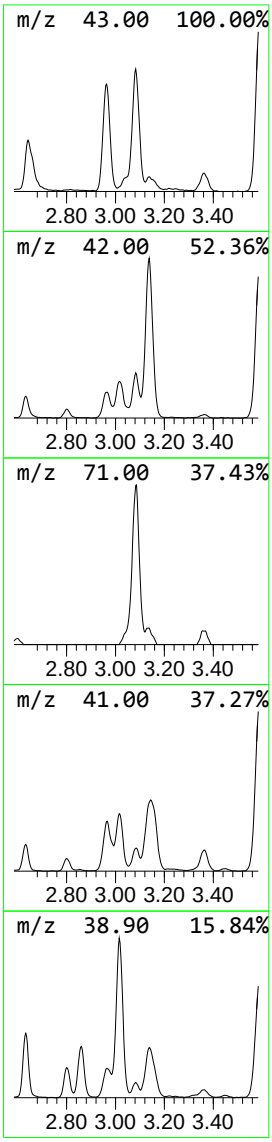
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.083	2.57 ug/L	158694	1,4-Difluorobenzene	6.250

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	91
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	86
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	83





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Data File : VU049329.D
Acq On : 21 Jun 2022 15:54
Operator : SY/MD
Sample : N3425-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

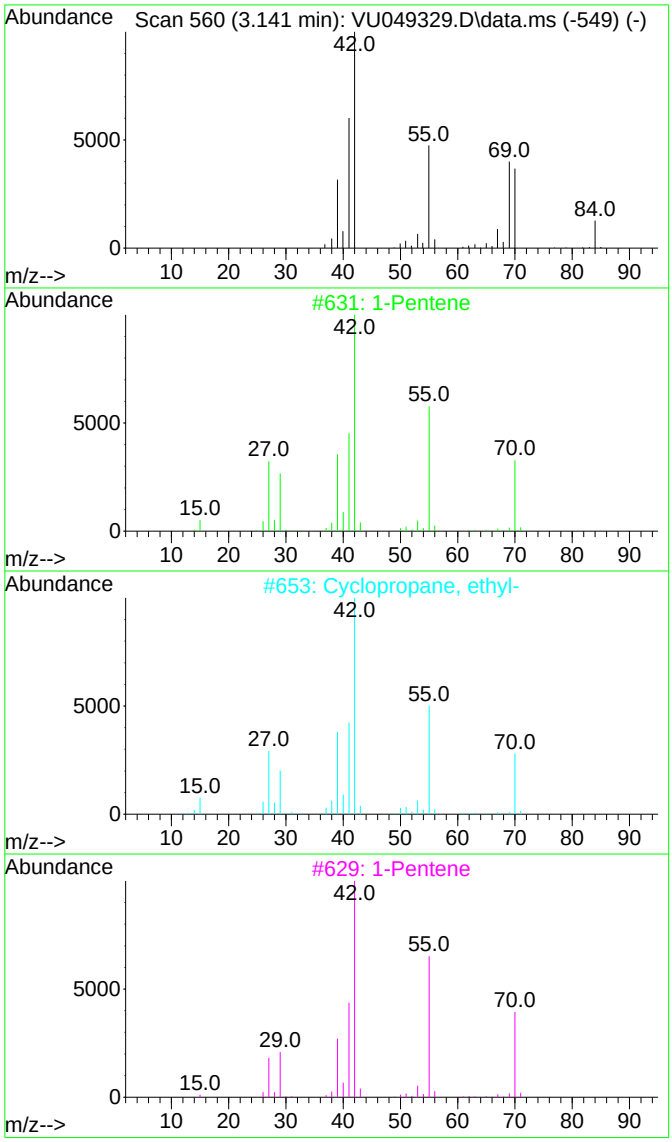
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

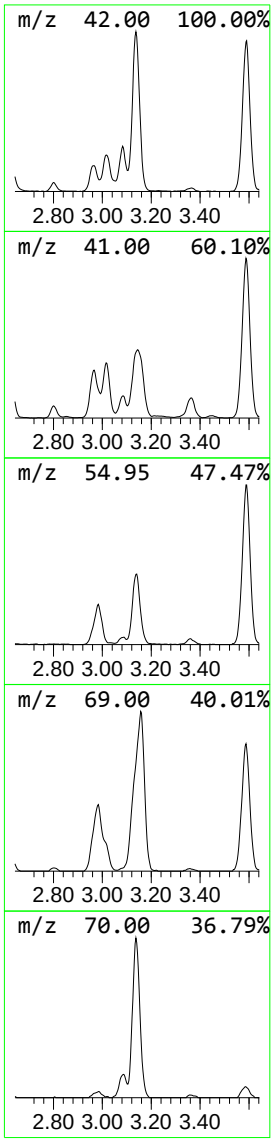
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.141	8.67 ug/L	535354	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene	70	C5H10	000109-67-1	72
2	Cyclopropane, ethyl-	70	C5H10	001191-96-4	64
3	1-Pentene	70	C5H10	000109-67-1	64
4	Cyclopentane	70	C5H10	000287-92-3	50
5	1-Pentene	70	C5H10	000109-67-1	32





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049329.D
Acq On : 21 Jun 2022 15:54
Operator : SY/MD
Sample : N3425-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

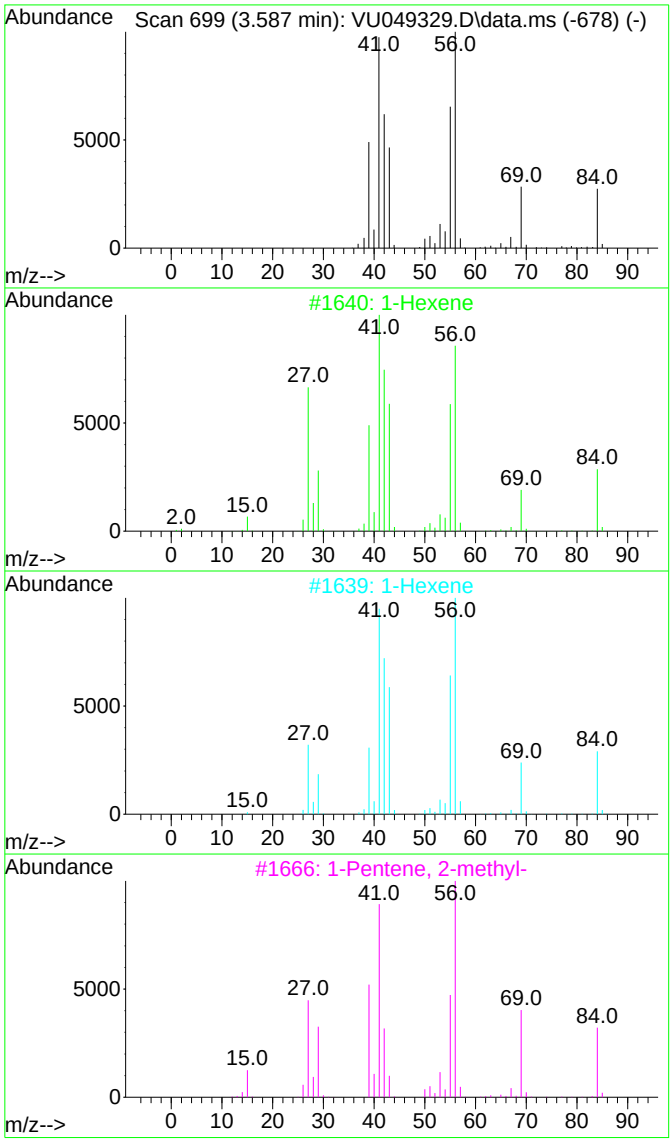
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

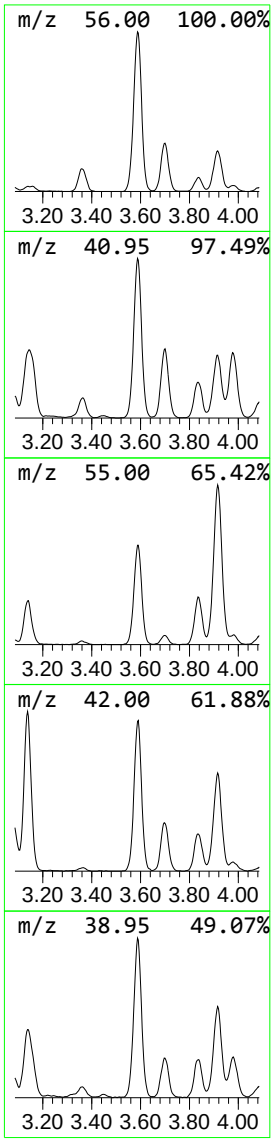
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.587	16.40 ug/L	1012070	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene	84	C6H12	000592-41-6	95
2	1-Hexene	84	C6H12	000592-41-6	81
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
4	1-Hexene	84	C6H12	000592-41-6	64
5	Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049329.D
Acq On : 21 Jun 2022 15:54
Operator : SY/MD
Sample : N3425-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

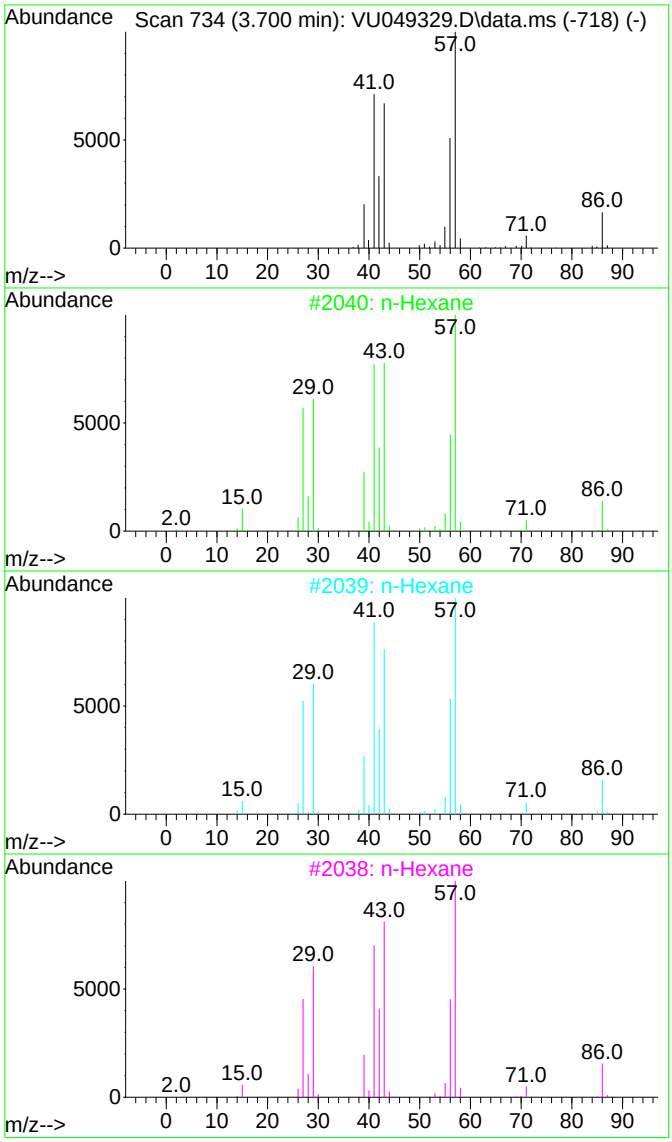
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

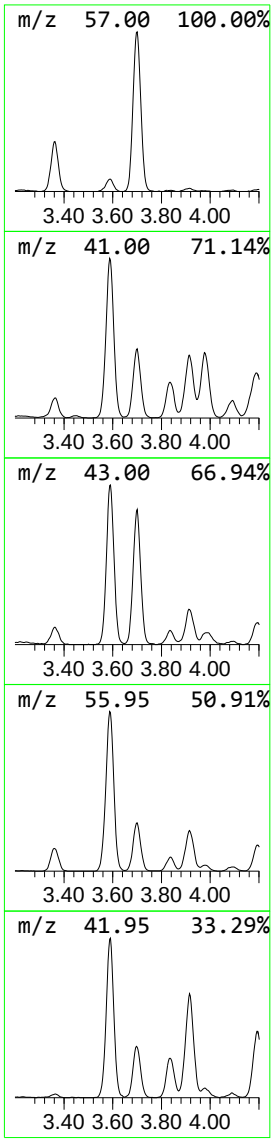
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.700	6.92 ug/L	426864	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	91
2	n-Hexane	86	C6H14	000110-54-3	91
3	n-Hexane	86	C6H14	000110-54-3	91
4	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	78
5	n-Hexane	86	C6H14	000110-54-3	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049329.D
Acq On : 21 Jun 2022 15:54
Operator : SY/MD
Sample : N3425-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

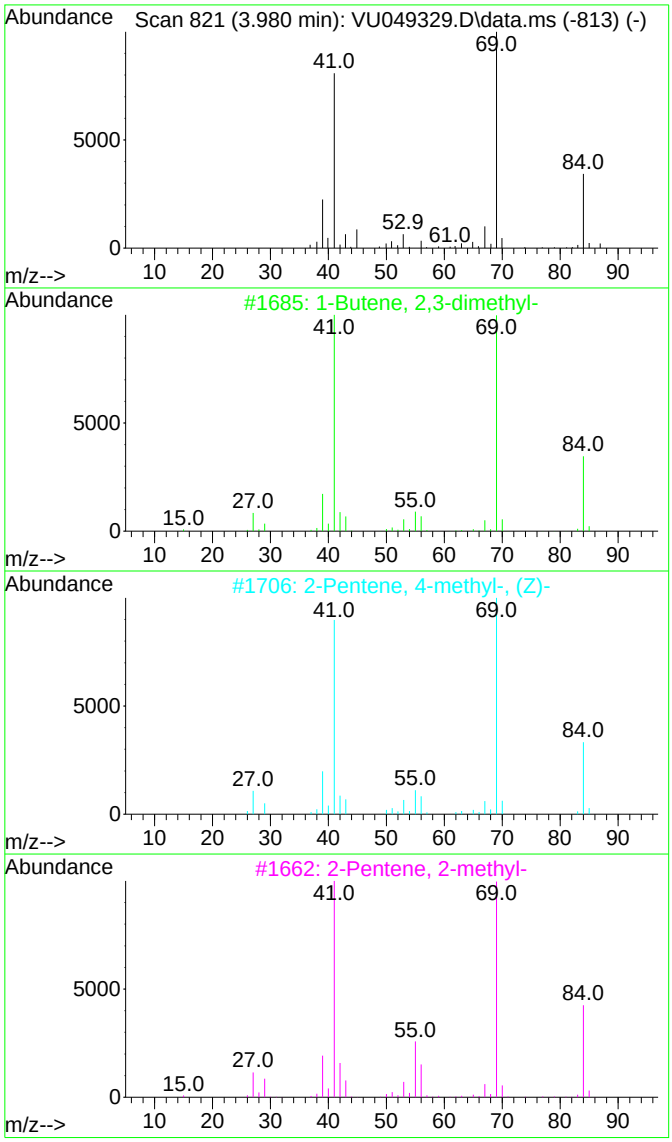
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

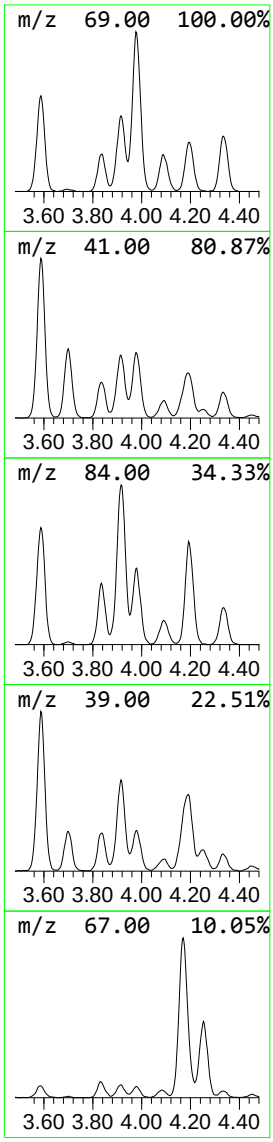
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.980	5.00 ug/L	308775	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 2,3-dimethyl-	84	C6H12	000563-78-0	86
2	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	86
3	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	86
4	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	86
5	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049329.D
Acq On : 21 Jun 2022 15:54
Operator : SY/MD
Sample : N3425-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

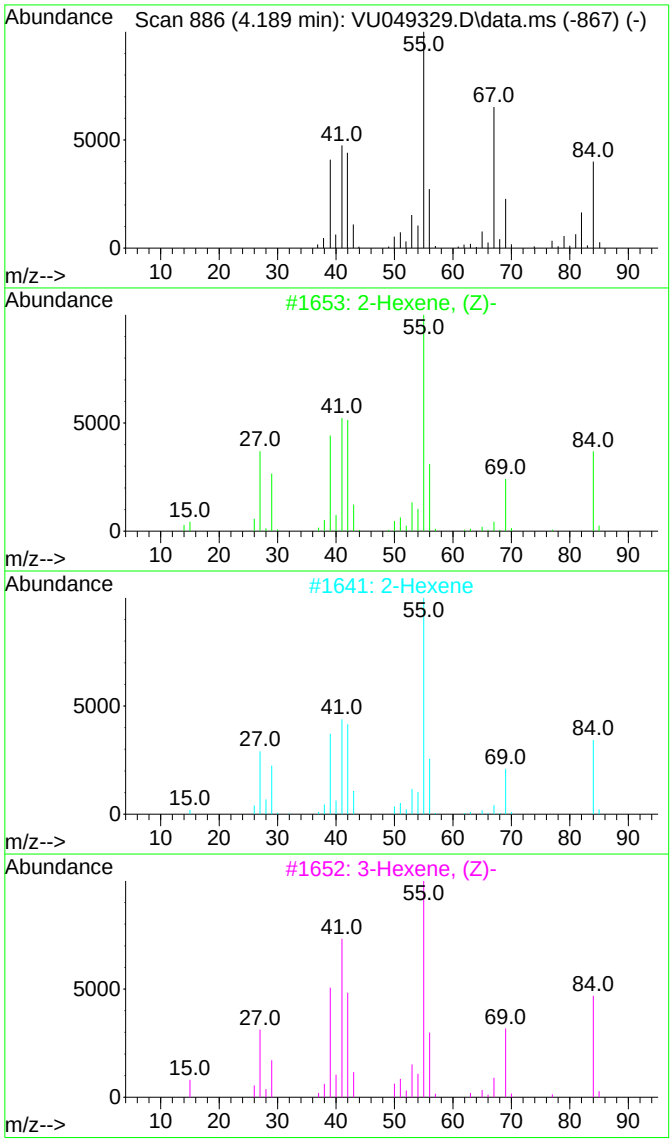
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

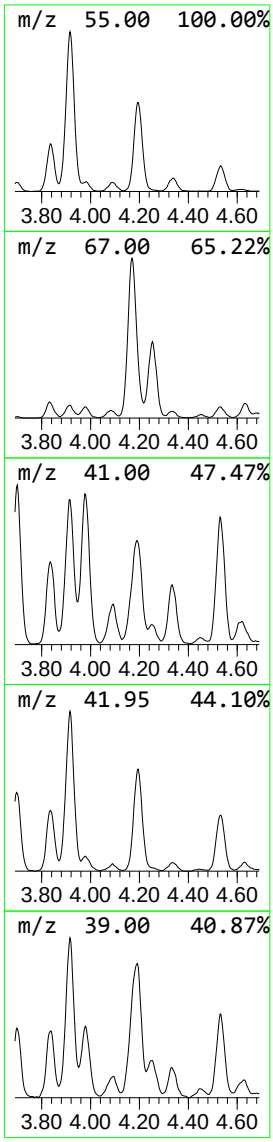
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.189	11.88 ug/L	733478	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, (Z)-	84	C6H12	007688-21-3	94
2	2-Hexene	84	C6H12	000592-43-8	90
3	3-Hexene, (Z)-	84	C6H12	007642-09-3	76
4	2-Hexene, (Z)-	84	C6H12	007688-21-3	60
5	2-Hexene, (E)-	84	C6H12	004050-45-7	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049329.D
Acq On : 21 Jun 2022 15:54
Operator : SY/MD
Sample : N3425-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

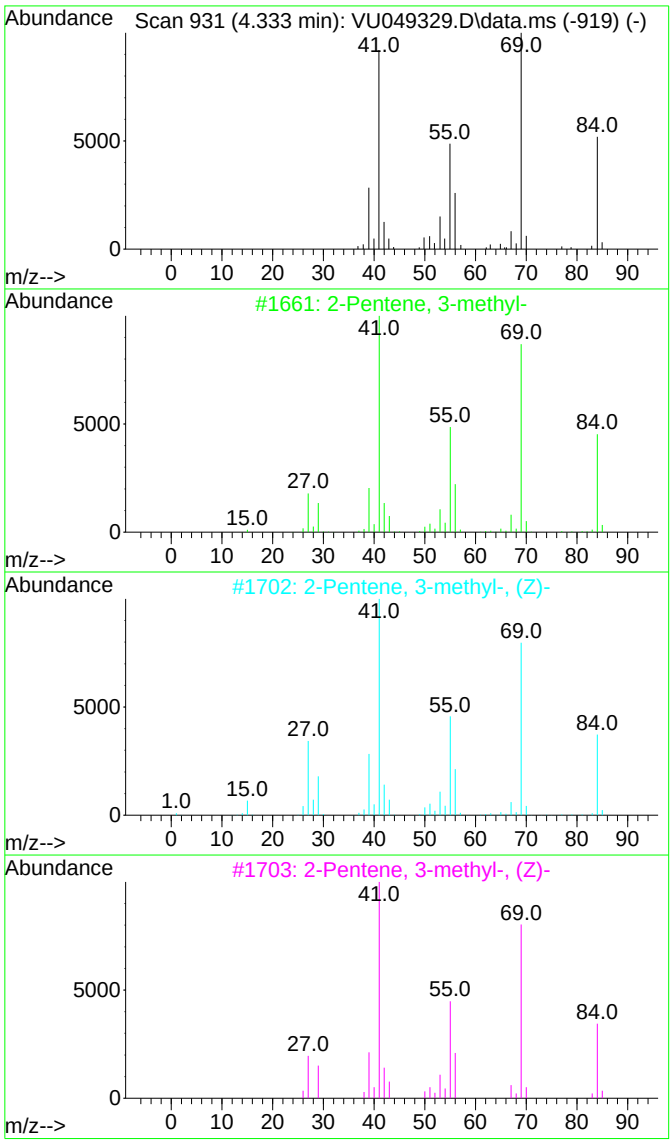
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

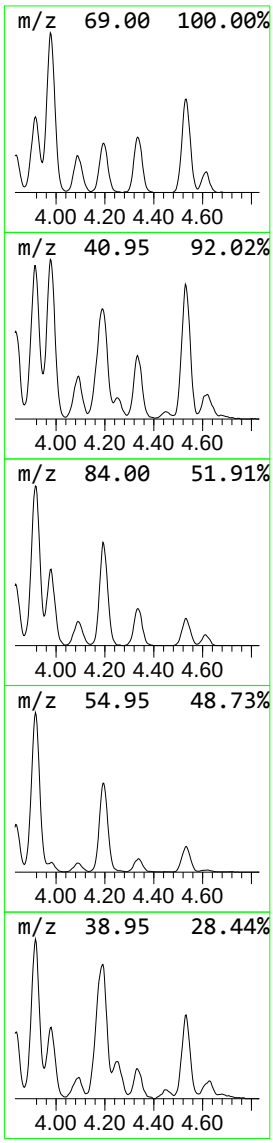
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.333	2.51 ug/L	155050	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	94
2	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	94
3	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	91
4	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91
5	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049329.D
Acq On : 21 Jun 2022 15:54
Operator : SY/MD
Sample : N3425-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

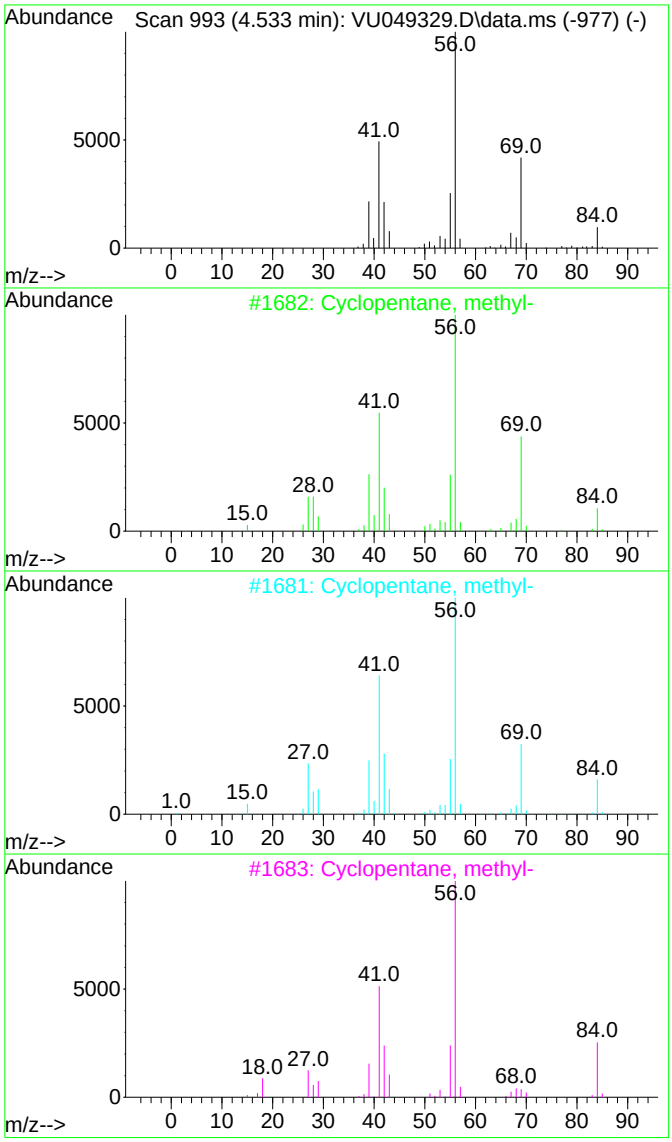
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

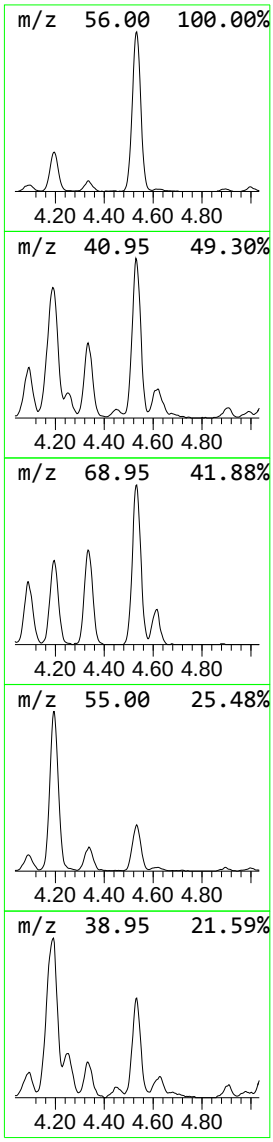
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Cyclic4.533 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.533	6.89 ug/L	425318	1,4-Difluorobenzene	6.250

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	86
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049329.D
Acq On : 21 Jun 2022 15:54
Operator : SY/MD
Sample : N3425-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

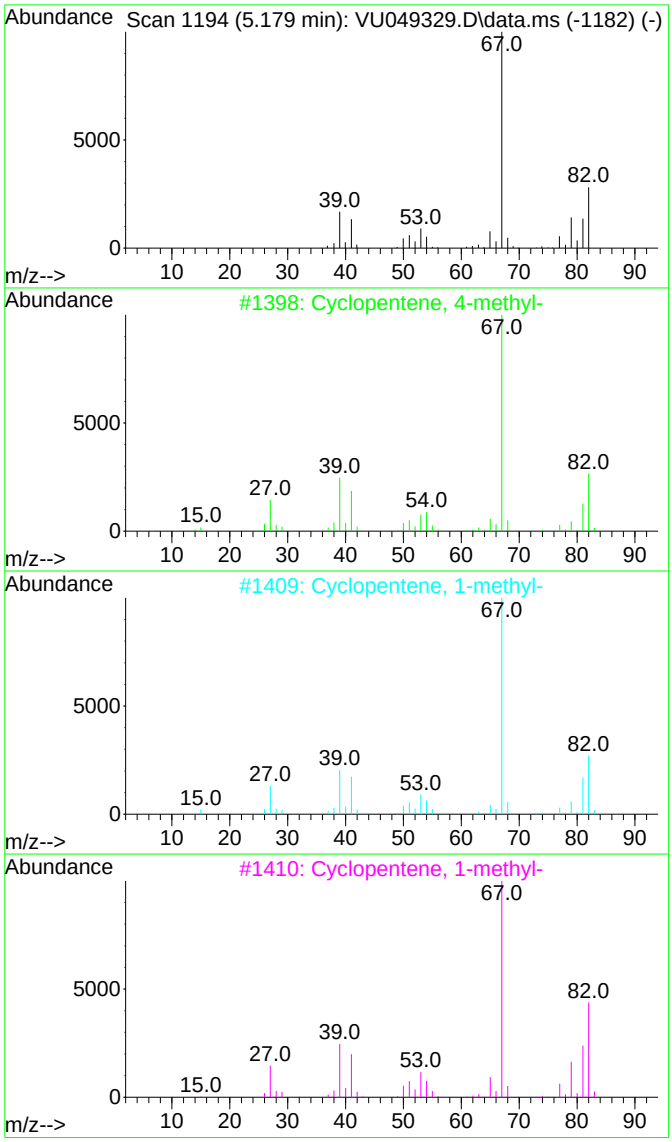
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

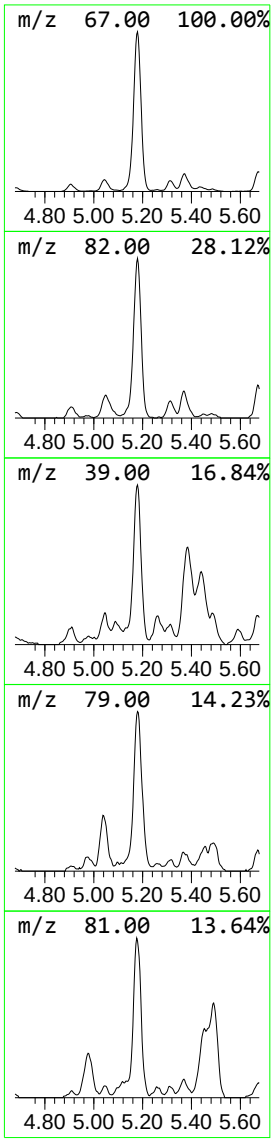
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Cyclopentene, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.179	7.44 ug/L	459341	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	87
2	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	87
3	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	87
4	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	86
5	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049329.D
Acq On : 21 Jun 2022 15:54
Operator : SY/MD
Sample : N3425-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

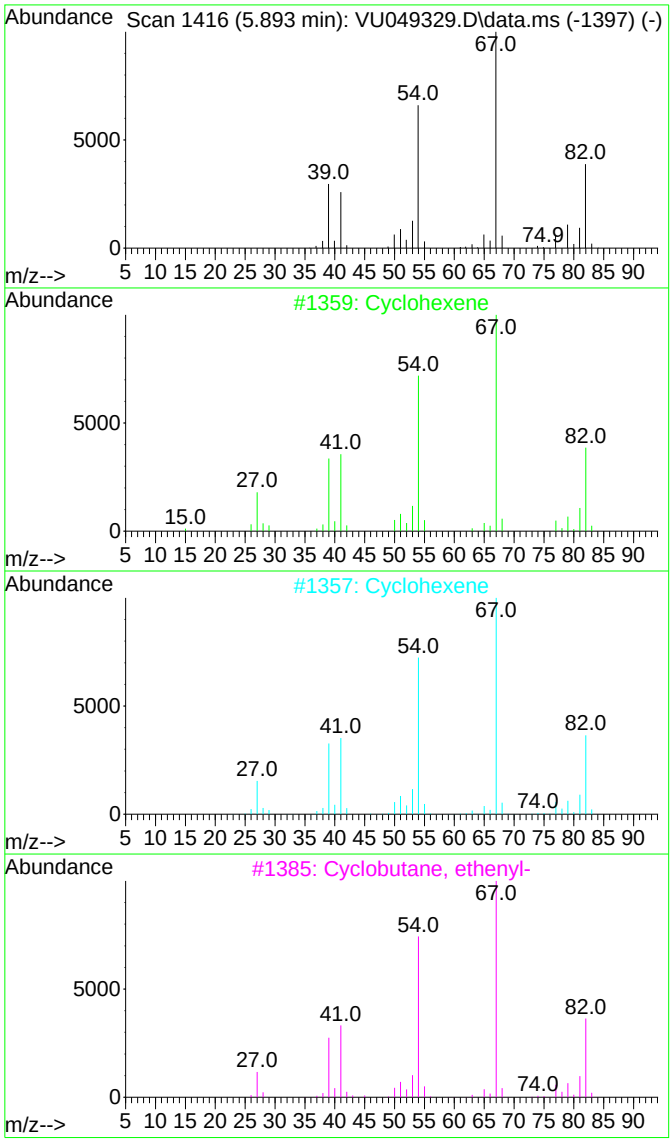
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

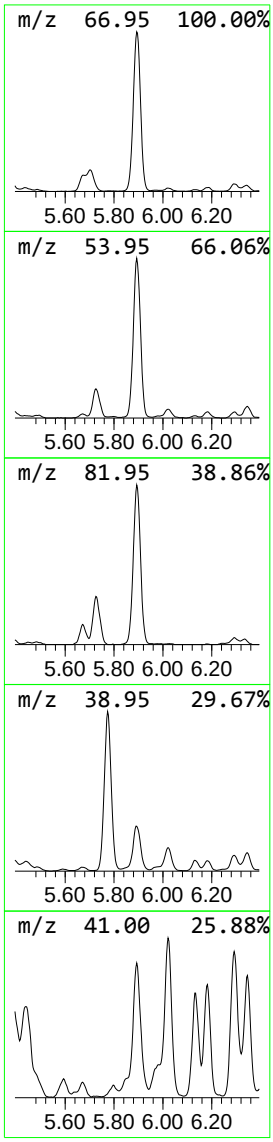
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Cyclobutane, ethenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.893	13.19 ug/L	814300	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene	82	C6H10	000110-83-8	90
2	Cyclohexene	82	C6H10	000110-83-8	90
3	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	87
4	Cyclohexene	82	C6H10	000110-83-8	87
5	Ethylidenecyclobutane	82	C6H10	001528-21-8	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049329.D
Acq On : 21 Jun 2022 15:54
Operator : SY/MD
Sample : N3425-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

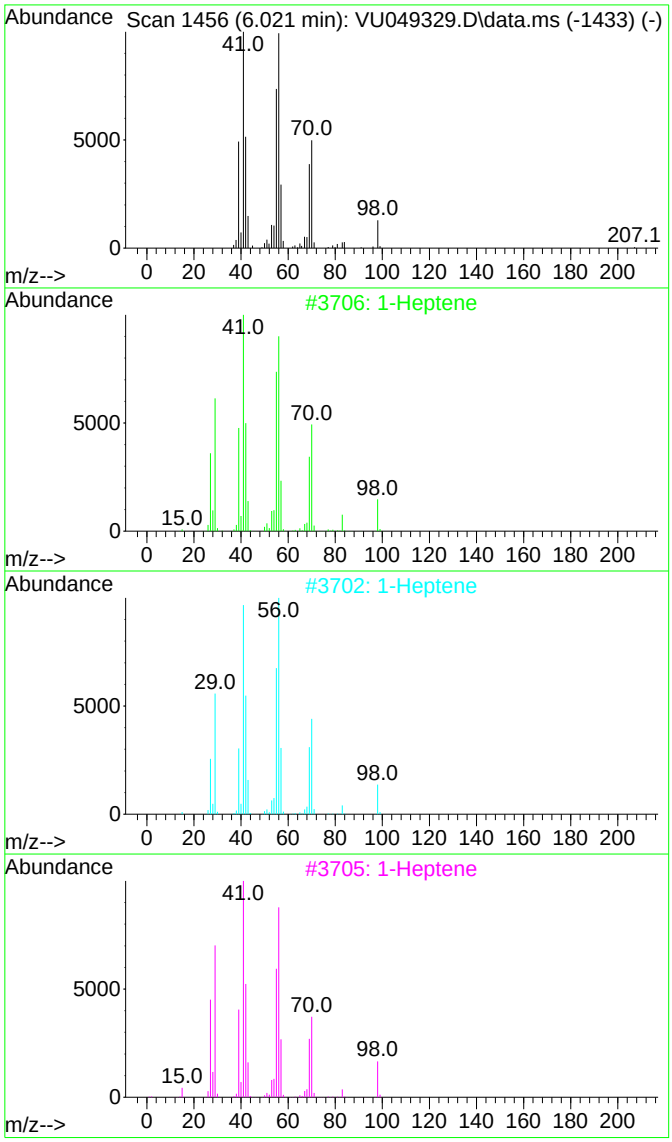
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

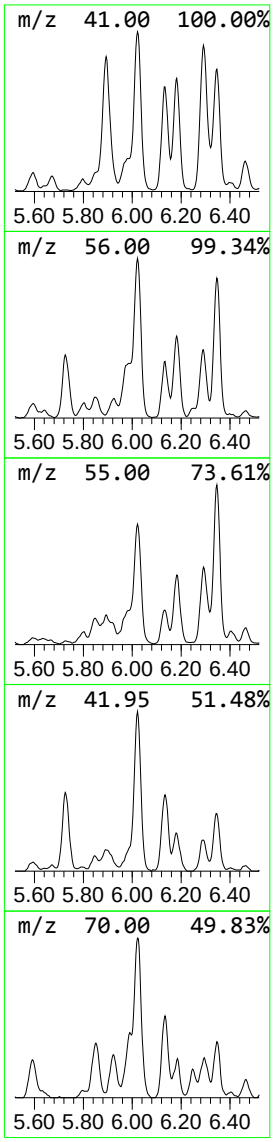
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.021	8.13 ug/L	501934	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptene	98	C7H14	000592-76-7	97
2	1-Heptene	98	C7H14	000592-76-7	87
3	1-Heptene	98	C7H14	000592-76-7	87
4	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	64
5	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049329.D
Acq On : 21 Jun 2022 15:54
Operator : SY/MD
Sample : N3425-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

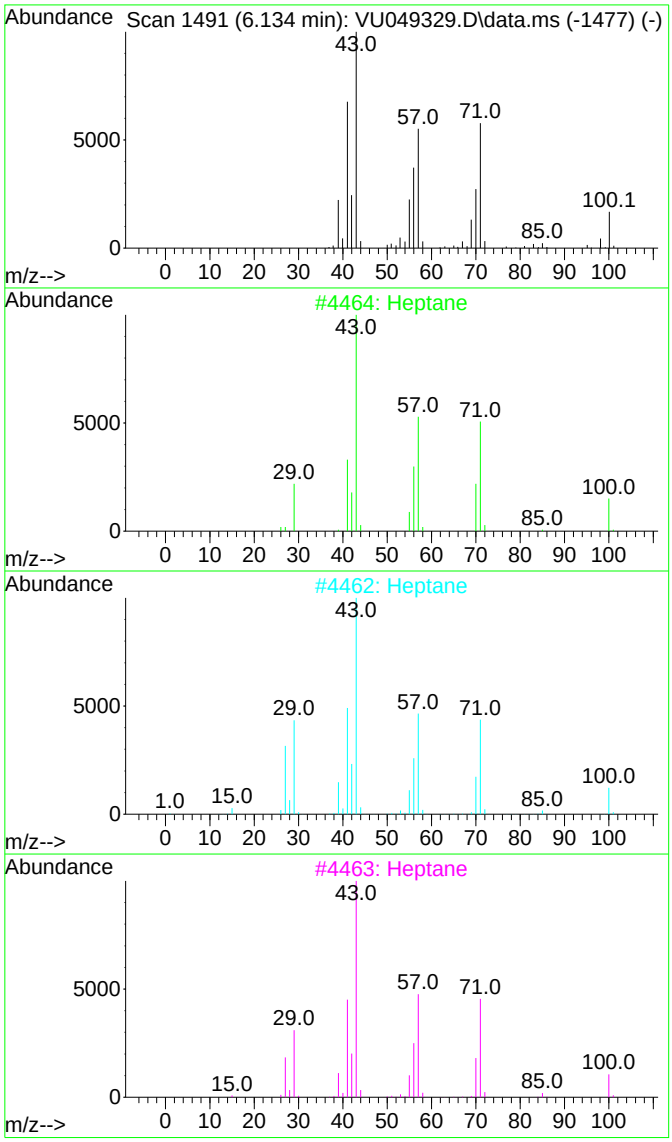
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

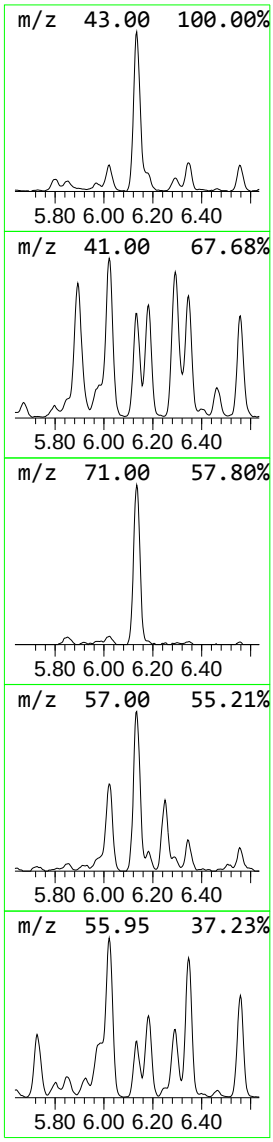
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.134	4.59 ug/L	283190	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	87
2	Heptane	100	C7H16	000142-82-5	81
3	Heptane	100	C7H16	000142-82-5	76
4	Heptane	100	C7H16	000142-82-5	74
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049329.D
Acq On : 21 Jun 2022 15:54
Operator : SY/MD
Sample : N3425-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

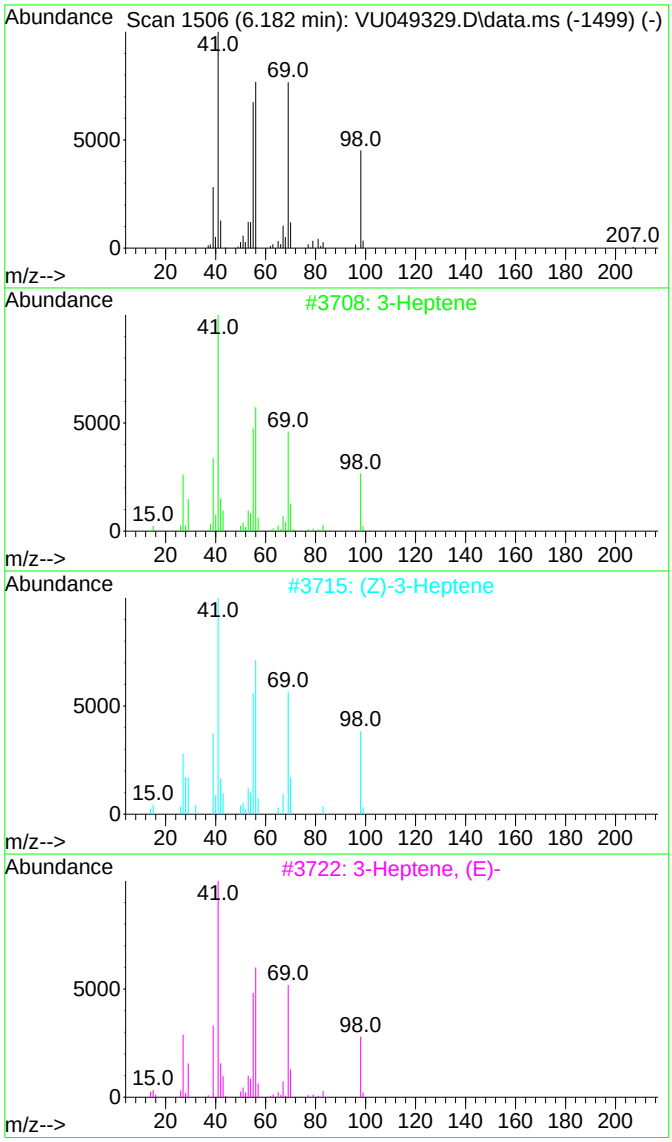
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

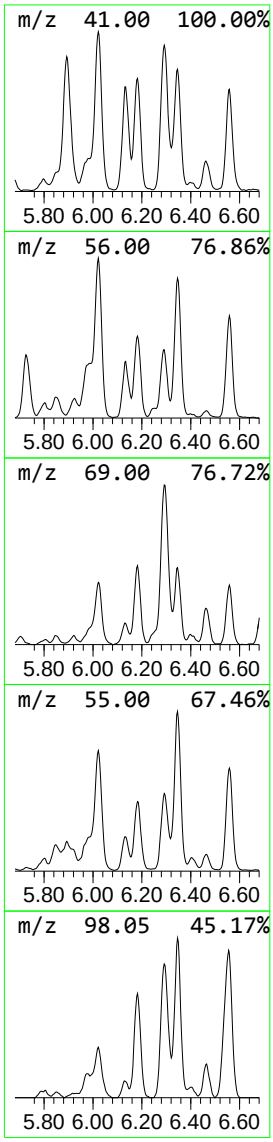
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.182	2.98 ug/L	183900	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene	98	C7H14	000592-78-9	91
2	(Z)-3-Heptene	98	C7H14	007642-10-6	91
3	3-Heptene, (E)-	98	C7H14	014686-14-7	86
4	3-Heptene, (E)-	98	C7H14	014686-14-7	86
5	(Z)-3-Heptene	98	C7H14	007642-10-6	86





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Data File : VU049329.D
Acq On : 21 Jun 2022 15:54
Operator : SY/MD
Sample : N3425-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

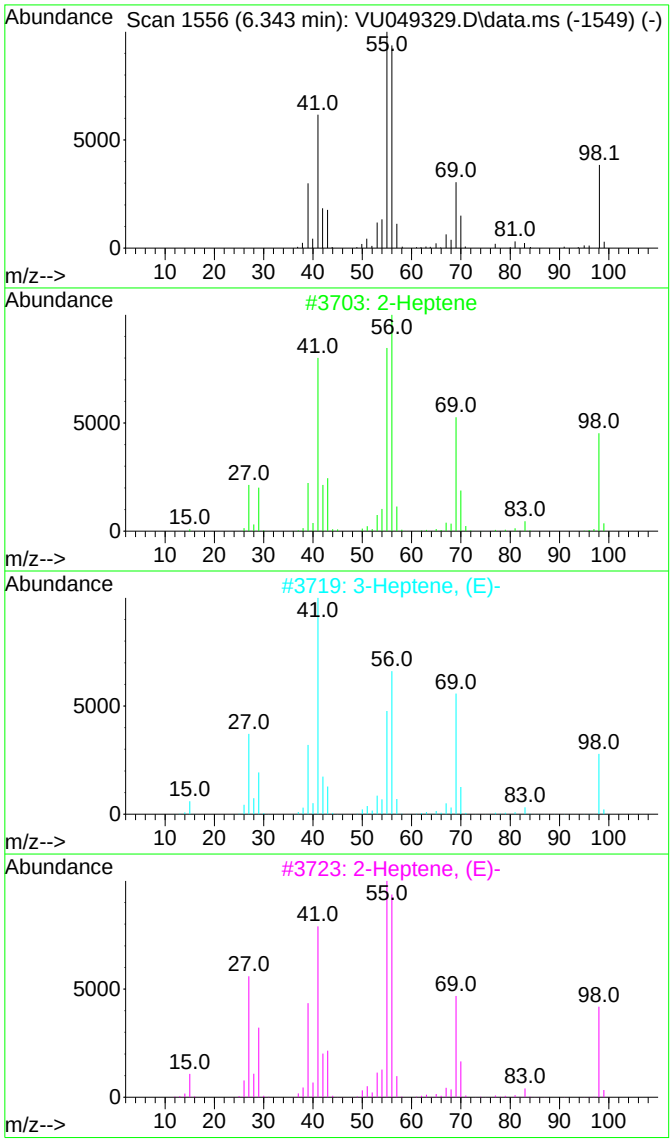
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

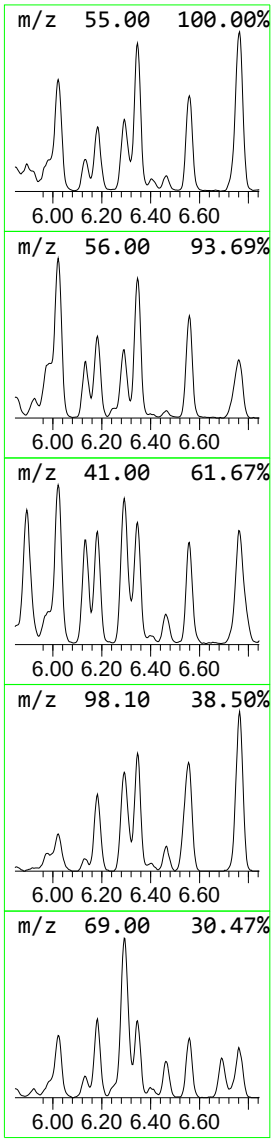
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.343	5.65 ug/L	348865	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptene	98	C7H14	000592-77-8	91
2	3-Heptene, (E)-	98	C7H14	014686-14-7	87
3	2-Heptene, (E)-	98	C7H14	014686-13-6	87
4	2-Heptene, (E)-	98	C7H14	014686-13-6	87
5	2-Heptene	98	C7H14	000592-77-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049329.D
Acq On : 21 Jun 2022 15:54
Operator : SY/MD
Sample : N3425-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

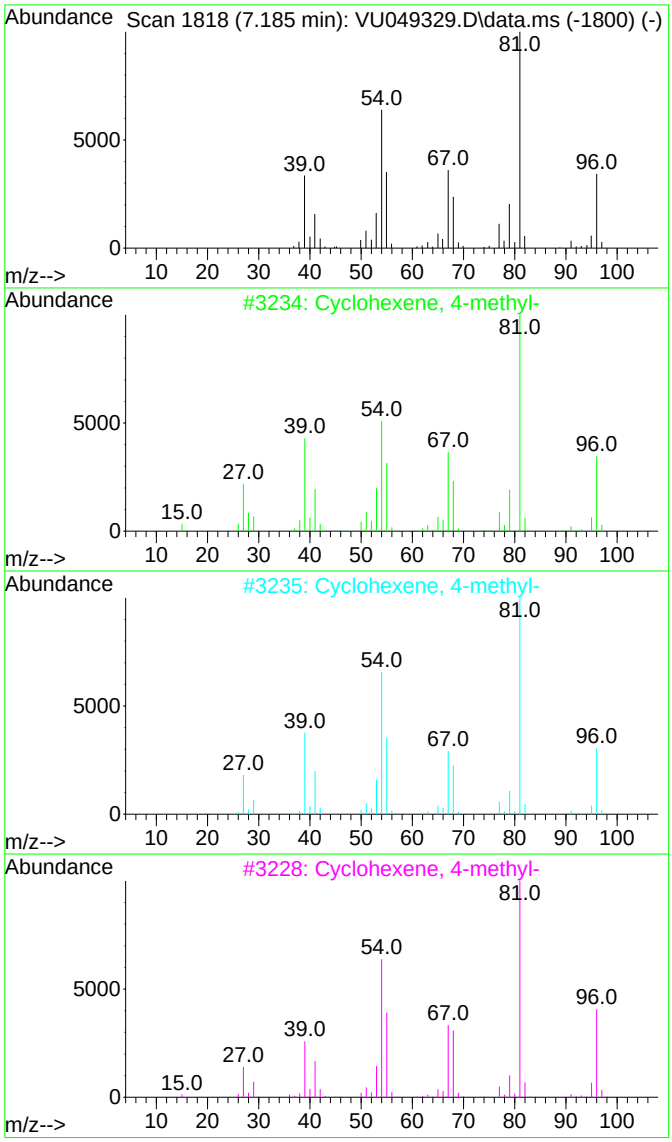
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

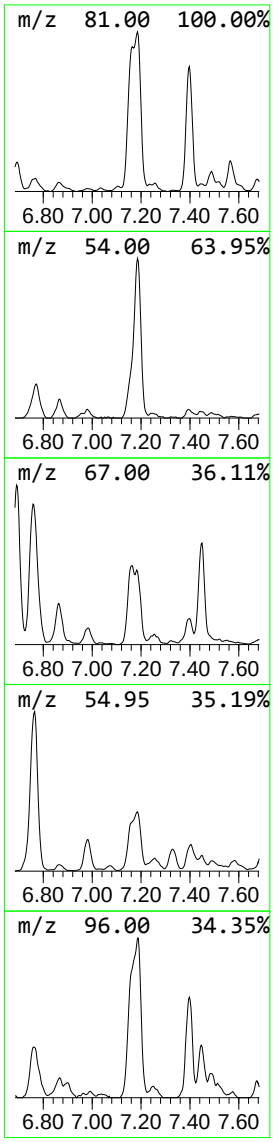
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Cyclohexene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.185	7.81 ug/L	482227	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	97
2	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	95
3	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	90
4	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	70
5	Cyclopropane, trimethylmethylene-	96	C7H12	034462-28-7	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049329.D
Acq On : 21 Jun 2022 15:54
Operator : SY/MD
Sample : N3425-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

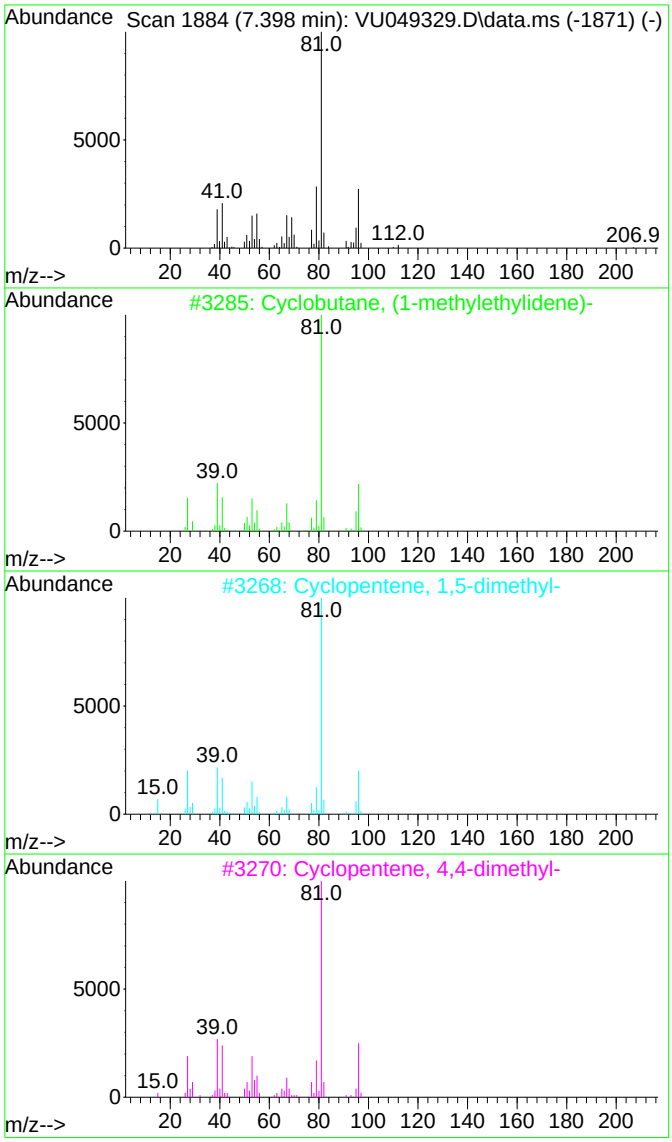
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

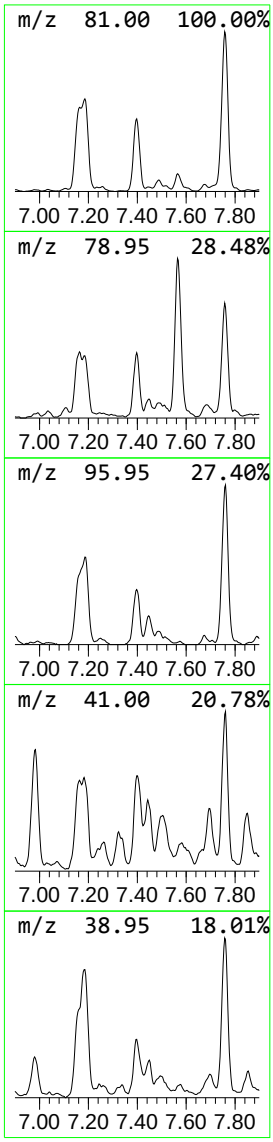
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Cyclobutane, (1-methylethyl... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.398	3.31 ug/L	204060	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	93
2	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	87
3	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	74
4	Cyclopentane, 1-methyl-2-methylene-	96	C7H12	041158-41-2	72
5	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	72





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Data File : VU049329.D
Acq On : 21 Jun 2022 15:54
Operator : SY/MD
Sample : N3425-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

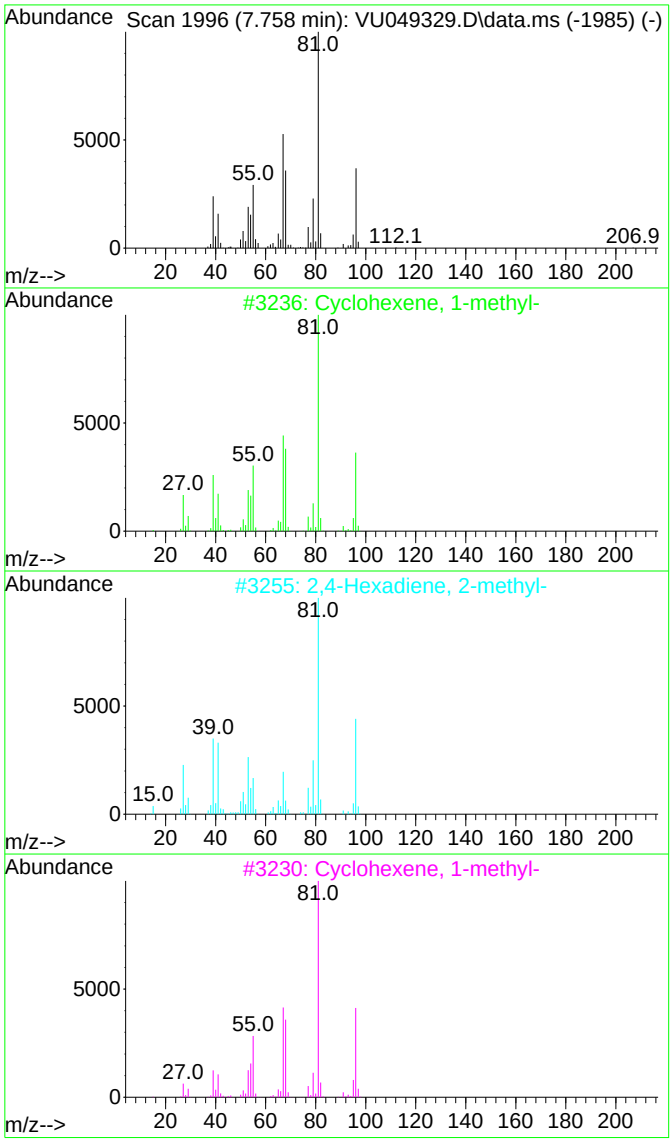
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

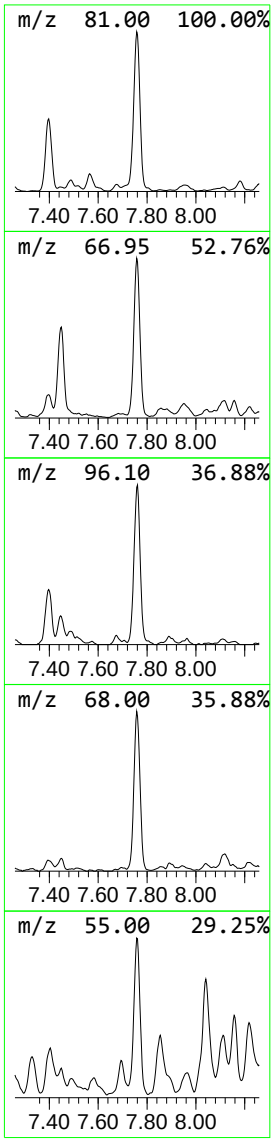
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Cyclohexene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.758	7.94 ug/L	489824	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	95
2	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	93
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	90
4	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	90
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049329.D
Acq On : 21 Jun 2022 15:54
Operator : SY/MD
Sample : N3425-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

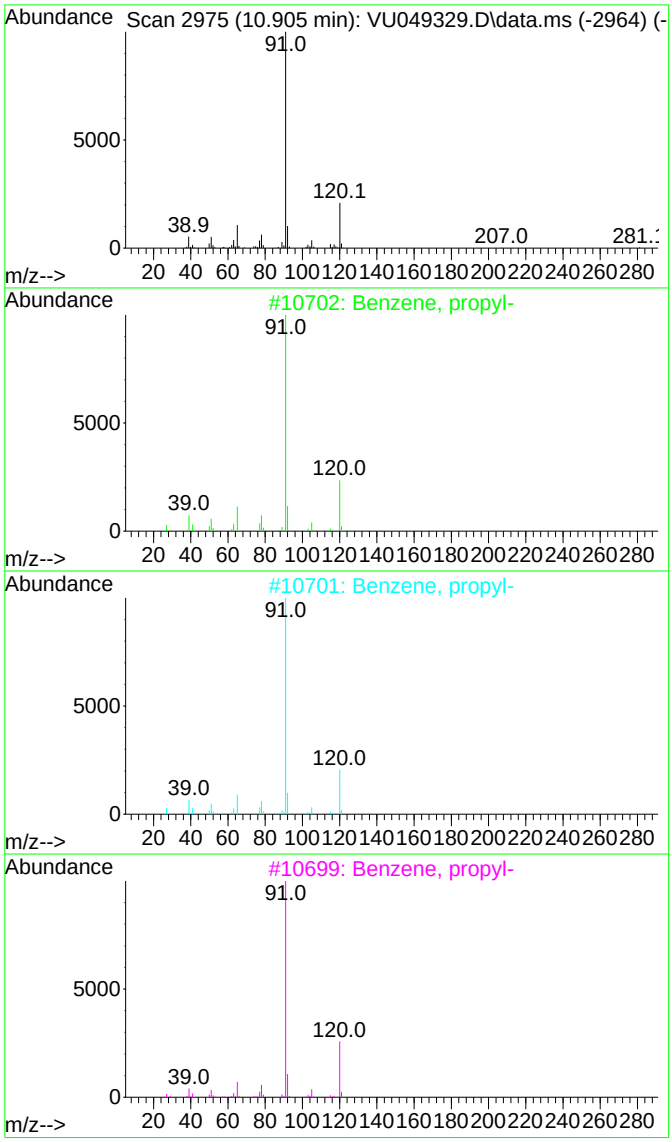
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

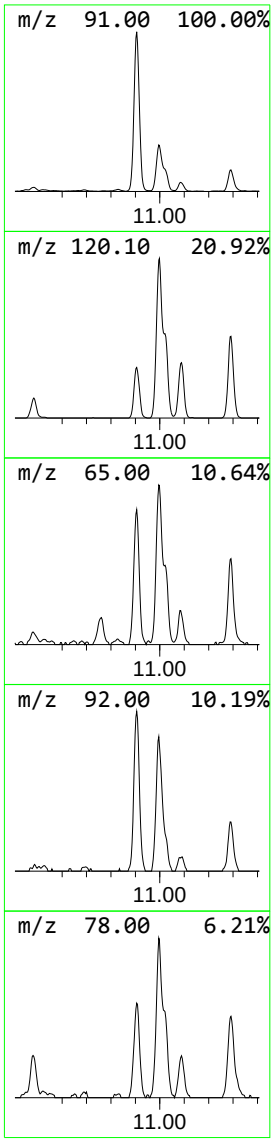
****

Peak Number 32 Benzene, propyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.906	2.37 ug/L	221595	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	80
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
5	1-hexanol, 6-[(phenylmethyl)amino]-	207	C13H21NO	1000400-55-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049329.D
Acq On : 21 Jun 2022 15:54
Operator : SY/MD
Sample : N3425-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

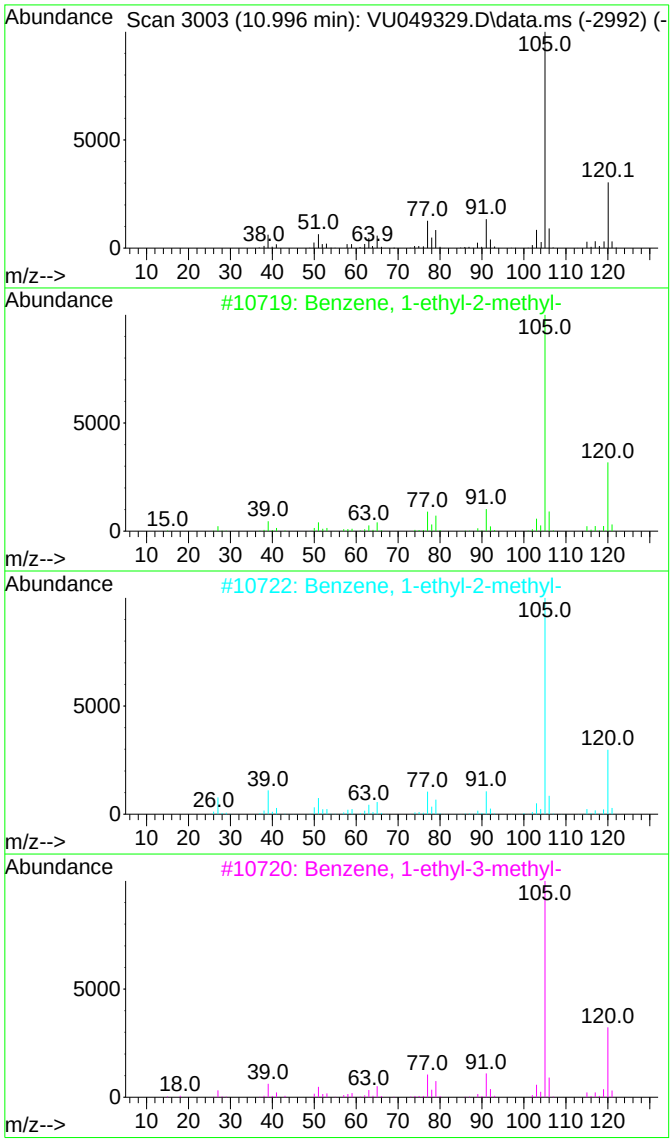
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

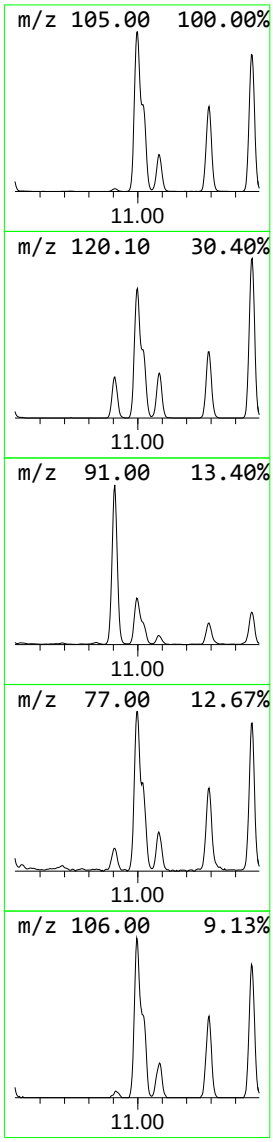
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzene, 1-ethyl-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.996	7.57 ug/L	706430	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	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049329.D
Acq On : 21 Jun 2022 15:54
Operator : SY/MD
Sample : N3425-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

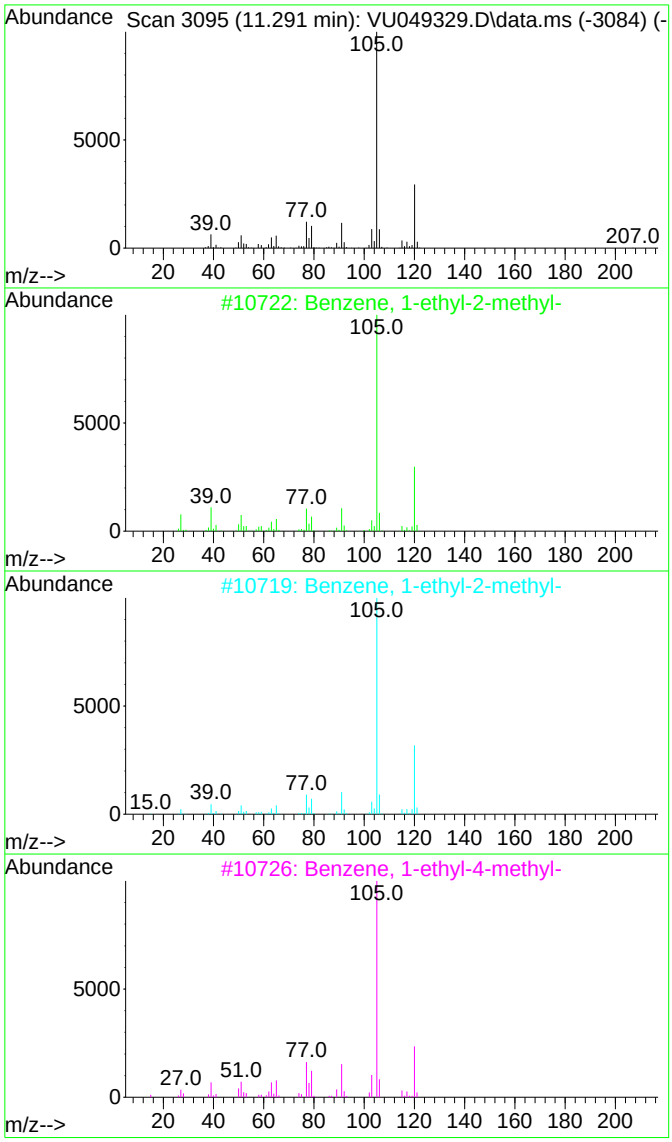
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

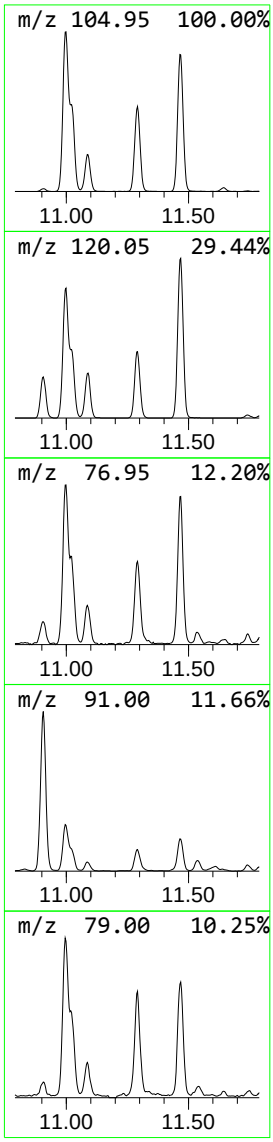
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, 1-ethyl-4-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.291	3.75 ug/L	350183	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	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049329.D
Acq On : 21 Jun 2022 15:54
Operator : SY/MD
Sample : N3425-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

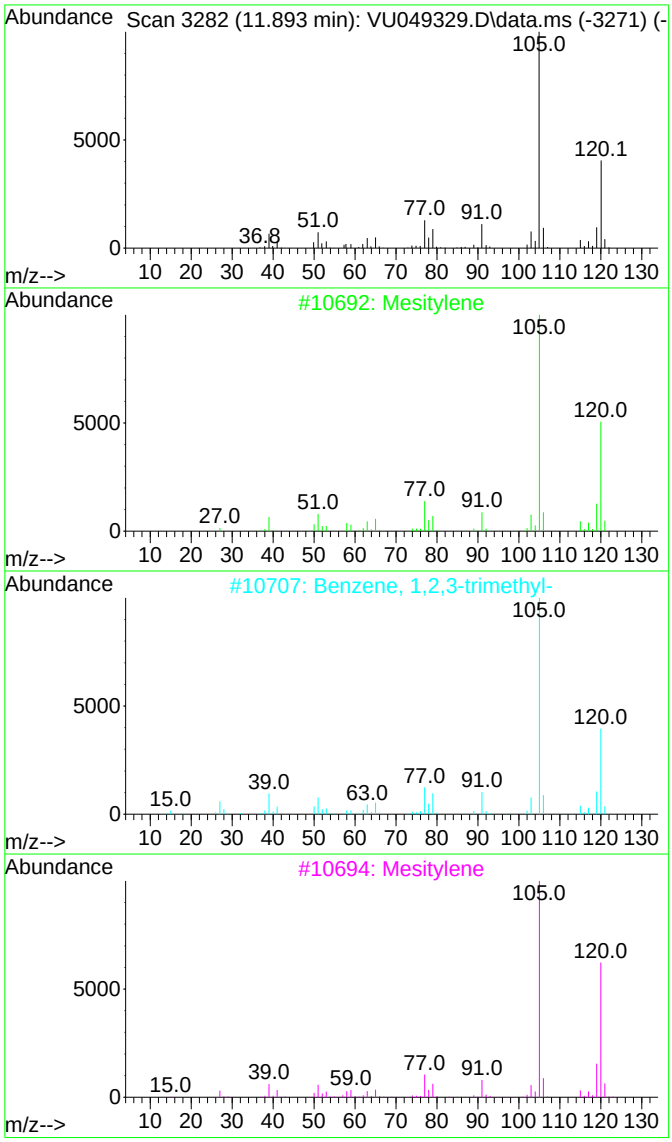
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

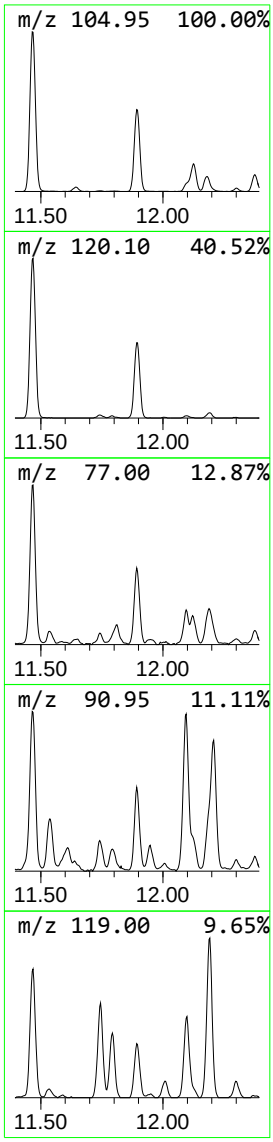
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Benzene, 1,2,3-trimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.893	3.14 ug/L	293209	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049329.D
Acq On : 21 Jun 2022 15:54
Operator : SY/MD
Sample : N3425-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

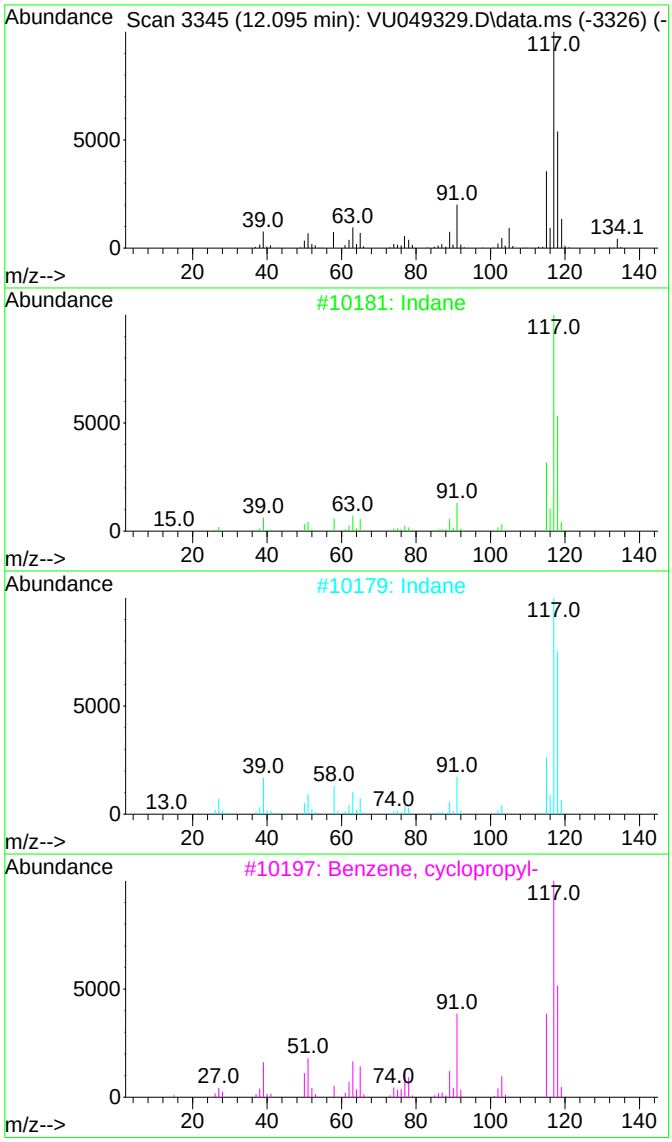
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

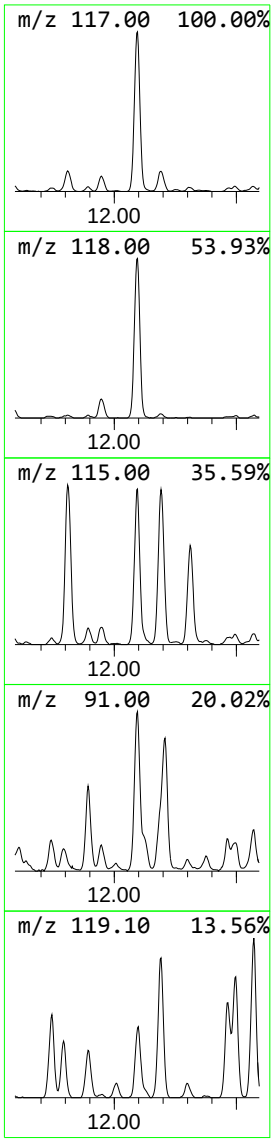
****

Peak Number 36 Indane Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.095	5.21 ug/L	486897	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Indane	118	C9H10	000496-11-7	81
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049329.D
Acq On : 21 Jun 2022 15:54
Operator : SY/MD
Sample : N3425-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

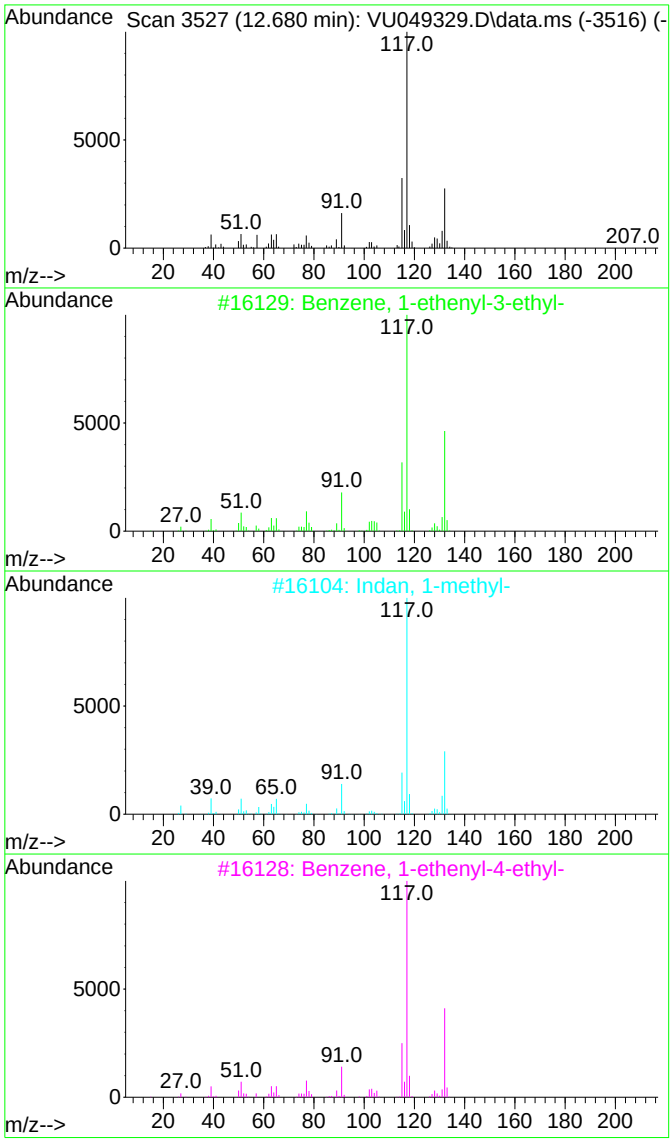
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

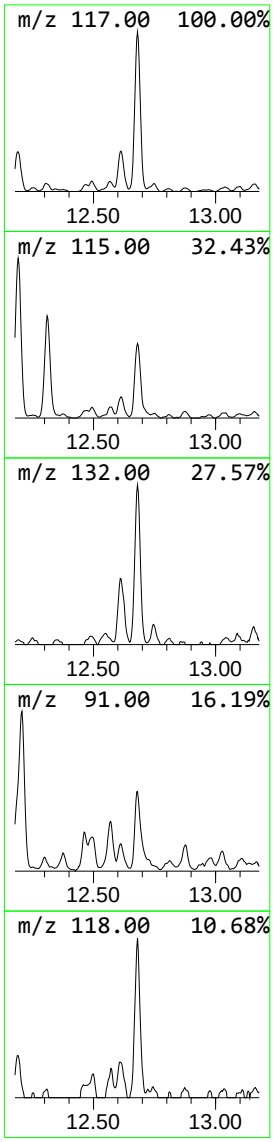
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.680	2.30 ug/L	214723	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	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	86
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049329.D
Acq On : 21 Jun 2022 15:54
Operator : SY/MD
Sample : N3425-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

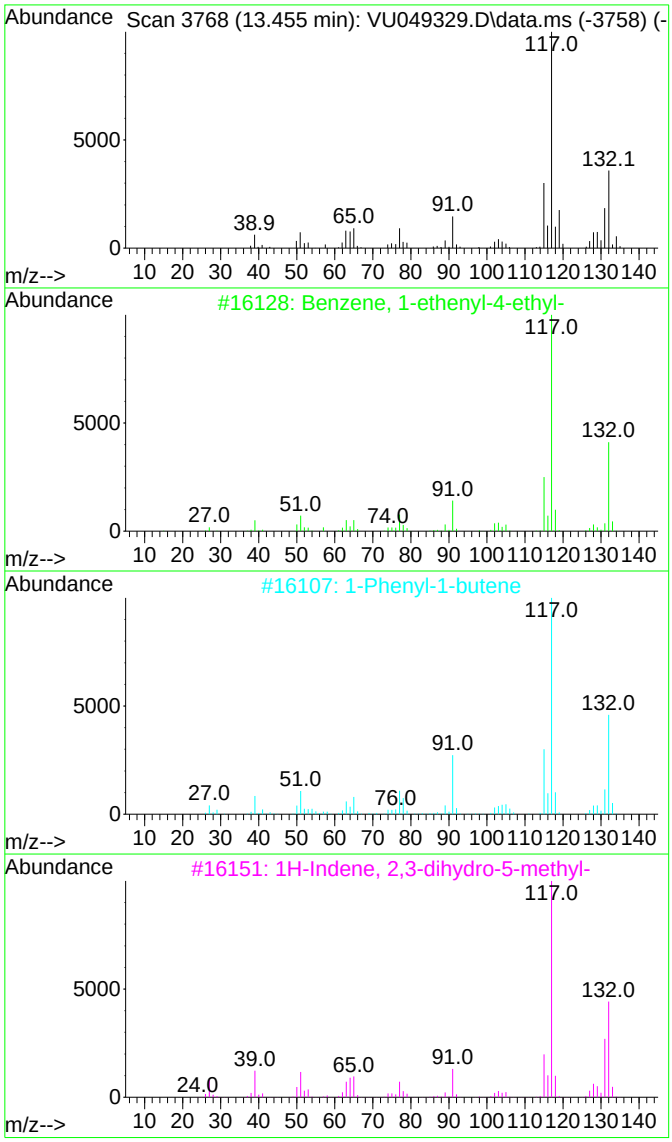
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

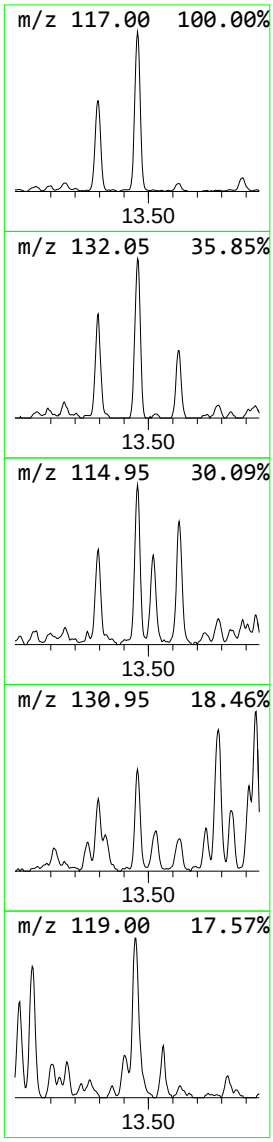
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.455	1.96 ug/L	182718	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049329.D
Acq On : 21 Jun 2022 15:54
Operator : SY/MD
Sample : N3425-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

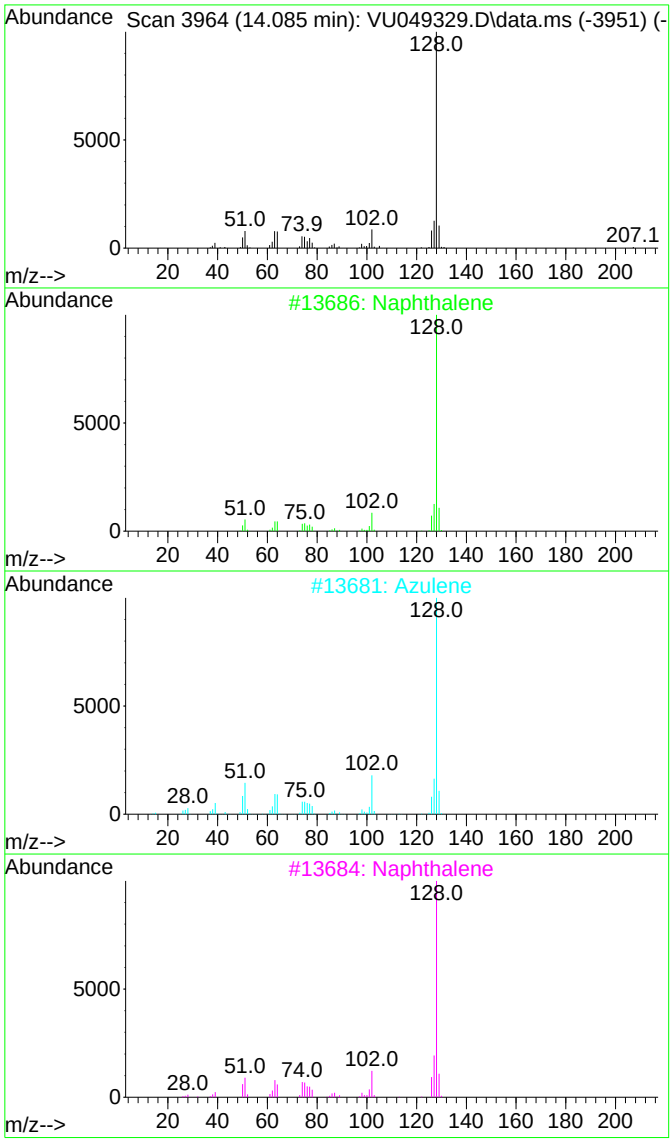
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

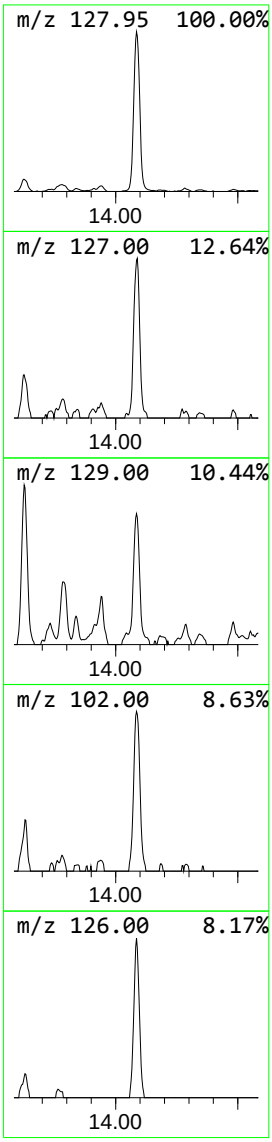
****

Peak Number 39 Azulene Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.085	1.55 ug/L	144893	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	91
3	Naphthalene	128	C10H8	000091-20-3	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\VU062122\
Data File : VU049329.D
Acq On : 21 Jun 2022 15:54
Operator : SY/MD
Sample : N3425-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.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...	1.359	138.3	ug/L	8534720	1	6.250	308641	5.0
(DEL) Alkane: S...	1.491	6.9	ug/L	425135	1	6.250	308641	5.0
(DEL) Alkane: S...	1.658	23.3	ug/L	1437010	1	6.250	308641	5.0
(DEL) Alkane: S...	1.732	18.8	ug/L	1161200	1	6.250	308641	5.0
(DEL) Alkane: S...	1.996	6.9	ug/L	423352	1	6.250	308641	5.0
(DEL) Alkane: C...	2.153	20.7	ug/L	1276290	1	6.250	308641	5.0
(DEL) Alkane: S...	2.205	19.6	ug/L	1212370	1	6.250	308641	5.0
(DEL) Alkane: S...	2.317	19.4	ug/L	1194610	1	6.250	308641	5.0
(DEL) Alkane: S...	2.414	14.6	ug/L	899839	1	6.250	308641	5.0
(DEL) Alkane: C...	2.465	16.0	ug/L	987205	1	6.250	308641	5.0
1,3-Cyclopentad...	2.858	4.3	ug/L	262692	1	6.250	308641	5.0
(DEL) Alkane: S...	2.967	4.0	ug/L	247634	1	6.250	308641	5.0
Cyclopentene	3.015	17.4	ug/L	1071160	1	6.250	308641	5.0
(DEL) Alkane: S...	3.083	2.6	ug/L	158694	1	6.250	308641	5.0
(DEL) Alkane: S...	3.141	8.7	ug/L	535354	1	6.250	308641	5.0
(DEL) Alkane: S...	3.587	16.4	ug/L	1012070	1	6.250	308641	5.0
(DEL) Alkane: S...	3.700	6.9	ug/L	426864	1	6.250	308641	5.0
(DEL) Alkane: S...	3.980	5.0	ug/L	308775	1	6.250	308641	5.0
(DEL) Alkane: S...	4.189	11.9	ug/L	733478	1	6.250	308641	5.0
(DEL) Alkane: S...	4.333	2.5	ug/L	155050	1	6.250	308641	5.0
(DEL) Alkane: C...	4.533	6.9	ug/L	425318	1	6.250	308641	5.0
Cyclopentene, 4...	5.179	7.4	ug/L	459341	1	6.250	308641	5.0
Cyclobutane, et...	5.893	13.2	ug/L	814300	1	6.250	308641	5.0
(DEL) Alkane: S...	6.021	8.1	ug/L	501934	1	6.250	308641	5.0
(DEL) Alkane: S...	6.134	4.6	ug/L	283190	1	6.250	308641	5.0
(DEL) Alkane: S...	6.182	3.0	ug/L	183900	1	6.250	308641	5.0
(DEL) Alkane: S...	6.343	5.7	ug/L	348865	1	6.250	308641	5.0
Cyclohexene, 4-...	7.185	7.8	ug/L	482227	1	6.250	308641	5.0
Cyclobutane, (1...	7.398	3.3	ug/L	204060	1	6.250	308641	5.0
Cyclohexene, 1-...	7.758	7.9	ug/L	489824	1	6.250	308641	5.0
Benzene, propyl-	10.906	2.4	ug/L	221595	3	11.812	466838	5.0
Benzene, 1-ethy...	10.996	7.6	ug/L	706430	3	11.812	466838	5.0
Benzene, 1-ethy...	11.291	3.8	ug/L	350183	3	11.812	466838	5.0
Benzene, 1,2,3-...	11.893	3.1	ug/L	293209	3	11.812	466838	5.0
Indane	12.095	5.2	ug/L	486897	3	11.812	466838	5.0
Benzene, 1-ethe...	12.680	2.3	ug/L	214723	3	11.812	466838	5.0
Benzene, 1-ethe...	13.455	2.0	ug/L	182718	3	11.812	466838	5.0
Azulene	14.085	1.6	ug/L	144893	3	11.812	466838	5.0