LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052514.D
Acq On : 23 Dec 2022 00:26
Operator : JC/MD
Sample : N6170-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB5

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\SFAMUTR122022WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU052514.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	29	rVB	1394127	1276037	100.00%	10.190%
2	1.491	40	47	62	rBV	115158	124414	9.75%	0.993%
3	1.594	69	79	94	rBV3	615631	1092470	85.61%	8.724%
4	1.662	94	100	105	rBV	25057	23990	1.88%	0.192%
5	1.732	116	122	135	rVB	86146	101317	7.94%	0.809%
6	1.912	169	178	195	rVV3	112621	169950	13.32%	1.357%
7	1.996	196	204	216	rVB	126111	173678	13.61%	1.387%
8	2.157	244	254	262	rBV	160052	222899	17.47%	1.780%
9	2.208	262	270	294	rVB3	158782	319084	25.01%	2.548%
10	2.321	294	305	317	rVB2	19748	29878	2.34%	0.239%
11	2.417	325	335	344	rBV2	51391	80073	6.28%	0.639%
12	2.469	344	351	367	rVB2	22055	36715	2.88%	0.293%
13	2.568	368	382	396	rBV	150101	249869	19.58%	1.995%
14	2.642	396	405	428	rVB4	8314	26460	2.07%	0.211%
15	2.858	461	472	488	rVB3	10152	17091	1.34%	0.136%
16	2.983	488	511	518	rBV6	22533	64373	5.04%	0.514%
17	3.137	550	559	579	rVB3	33191	71455	5.60%	0.571%
18	3.359	611	628	649	rVB5	45203	102111	8.00%	0.815%
19	3.584	681	698	720	rVV3	51528	127428	9.99%	1.018%
20	3.700	720	734	749	rVB2	25870	55419	4.34%	0.443%
21	3.829	757	774	786	rBV6	9672	23846	1.87%	0.190%
22	4.195	870	888	899	rBV5	12346	32998	2.59%	0.263%
23	4.658	1007	1032	1074	rBV2	220860	865224	67.81%	6.909%
24	5.060	1142	1157	1176	rBV	137735	319050	25.00%	2.548%
25	5.372	1243	1254	1266	rBV	9503	25100	1.97%	0.200%
26	5.452	1267	1279	1300	rVB9	11644	38920	3.05%	0.311%
27	5.594	1310	1323	1329	rBV3	11668	25617	2.01%	0.205%
28	5.636	1330	1336	1344	rVV4	11683	22613	1.77%	0.181%
29	5.723	1344	1363	1392	rVB2	281029	780953	61.20%	6.236%
30	5.890	1409	1415	1429	rVB3	11557	24208	1.90%	0.193%
31	5.973	1429	1441	1448	rVV5	11491	25418	1.99%	0.203%
32	6.025	1449	1457	1473	rVB5	16589	41724	3.27%	0.333%
33	6.131	1477	1490	1500	rBV3	10522	21332	1.67%	0.170%
34	6.247	1513	1526	1550	rBV	218970	467362	36.63%	3.732%
35	6.546	1607	1619	1640	rBV	18372	45244	3.55%	0.361%
36	6.687	1649	1663	1680	rBV	190123	385515	30.21%	3.078%

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GBQB5

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\SFAMUTR122022WMA.M
Title : TRACE VOA SFAM1.0

37	7.247	1826	1837	1854	rVB9	9637	25183	1.97%	0.201%
38	7.407	1873	1887	1901	rBV9	5520	15457	1.21%	0.123%
39	7.565	1921	1936	1958	rBV	89777	173122	13.57%	1.382%
40	7.896	2015	2039	2053	rBV	326917	578725	45.35%	4.621%
41	7.964	2053	2060	2070	rVV2	18127	33033	2.59%	0.264%
42	8.038	2070	2083	2093	rVB6	9722	20821	1.63%	0.166%
43	8.176	2117	2126	2136	rBV2	54896	92284	7.23%	0.737%
44	8.407	2190	2198	2208	rVB4	10309	15925	1.25%	0.127%
45	8.552	2233	2243	2253	rBV2	21862	36066	2.83%	0.288%
46	8.632	2253	2268	2300	rBV	616747	1211556	94.95%	9.675%
47	9.414	2499	2511	2528	rBV	299990	518063	40.60%	4.137%
48	9.687	2585	2596	2610	rVB4	18612	36274	2.84%	0.290%
49	10.099	2716	2724	2738	rVB3	12068	20878	1.64%	0.167%
50	10.751	2916	2927	2939	rBV	169490	271000	21.24%	2.164%
51	11.639	3197	3203	3213	rVB2	12181	17887	1.40%	0.143%
52	11.809	3243	3256	3270	rBV	295809	471193	36.93%	3.763%
53	12.189	3362	3374	3397	rVB	328806	542591	42.52%	4.333%
54	12.758	3543	3551	3561	rVB3	16788	26328	2.06%	0.210%
55	12.857	3576	3582	3599	rVB4	12240	24353	1.91%	0.194%
56	12.941	3599	3608	3615	rBV3	8918	14392	1.13%	0.115%
57	13.111	3652	3661	3673	rVB	32959	51718	4.05%	0.413%
58	13.250	3686	3704	3713	rBV4	18573	34637	2.71%	0.277%
59	13.324	3715	3727	3738	rVB2	43883	66854	5.24%	0.534%
60	13.391	3738	3748	3759	rBV4	11101	15920	1.25%	0.127%
61	13.526	3781	3790	3799	rVB3	11372	16497	1.29%	0.132%
62	13.828	3874	3884	3890	rBV3	9308	14506	1.14%	0.116%
63	13.877	3890	3899	3905	rBV2	47316	76753	6.01%	0.613%
64	14.111	3961	3972	3986	rVB4	18735	47279	3.71%	0.378%
65	14.282	4017	4025	4034	rVB	31448	44859	3.52%	0.358%
66	14.349	4036	4046	4056	rVB3	32826	54782	4.29%	0.437%
67	14.513	4089	4097	4107	rBV3	37453	54937	4.31%	0.439%
68	14.594	4114	4122	4128	rBV4	11011	18204	1.43%	0.145%
69	14.806	4182	4188	4197	rVB2	14168	20959	1.64%	0.167%
70	14.870	4198	4208	4219	rBV5	23988	45254	3.55%	0.361%
71	15.024	4242	4256	4263	rBV4	33987	69497	5.45%	0.555%
72	15.150	4288	4295	4303	rBV10	9860	17784	1.39%	0.142%
73	15.272	4326	4333	4354	rVB5	17256	36016	2.82%	0.288%
74	15.420	4362	4379	4388	rBV3	69052	139727	10.95%	1.116%
75	16.012	4555	4563	4576	rVB4	13337	20936	1.64%	0.167%
76	16.523	4712	4722	4737	rBV4	7958	20957	1.64%	0.167%

LSC Area Percent Report

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Sample : N6170-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GBQB5

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\SFAMUTR122022WMA.M
Title : TRACE VOA SFAM1.0

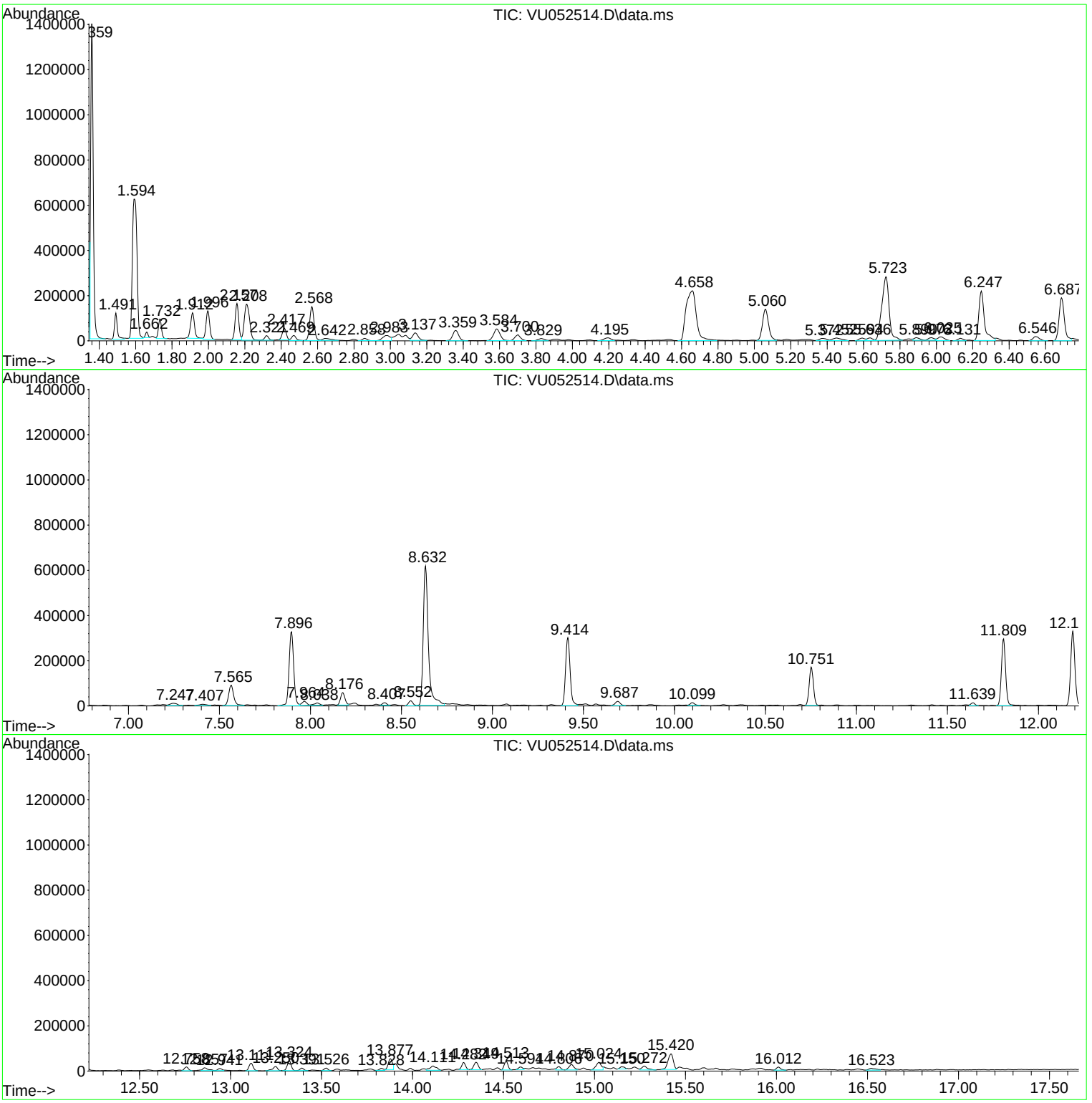
Sum of corrected areas: 12523042

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052514.D
Acq On : 23 Dec 2022 00:26
Operator : JC/MD
Sample : N6170-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.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\VU122222\
Data File : VU052514.D
Acq On : 23 Dec 2022 00:26
Operator : JC/MD
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ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB5

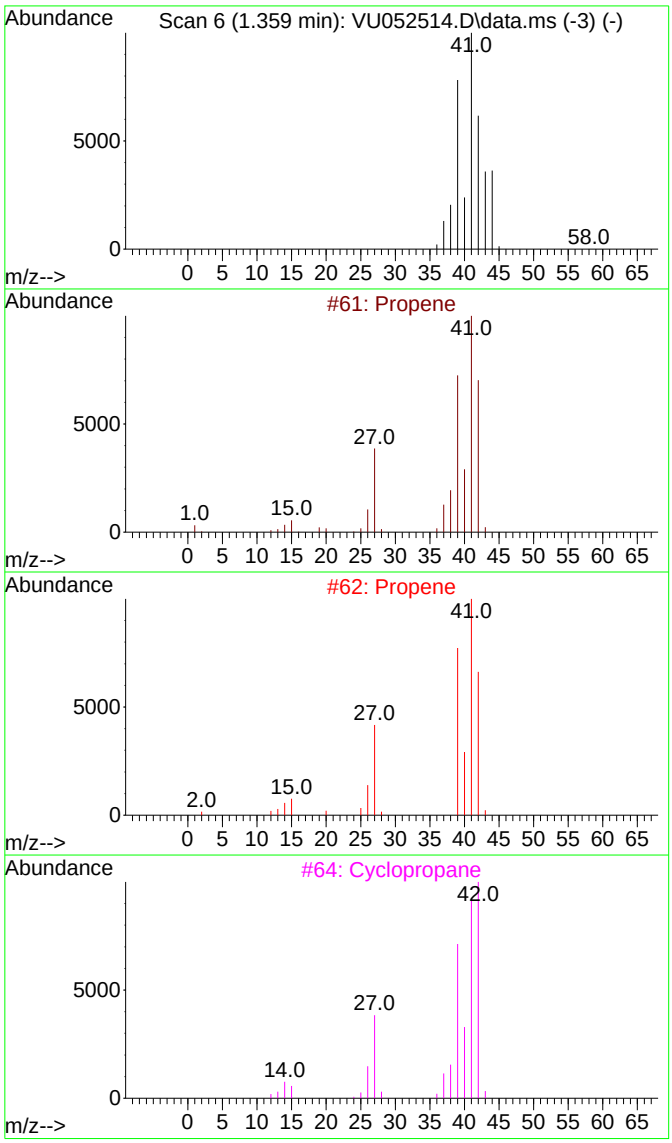
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

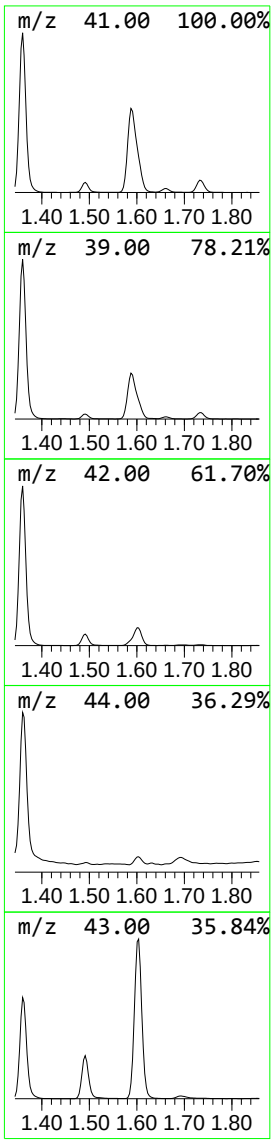
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.359	13.65 ug/L	1276040	1,4-Difluorobenzene	6.247

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	9
4	Cyclopropene	40	C3H4	002781-85-3	9
5	Cyclopropane	42	C3H6	000075-19-4	7





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052514.D
Acq On : 23 Dec 2022 00:26
Operator : JC/MD
Sample : N6170-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB5

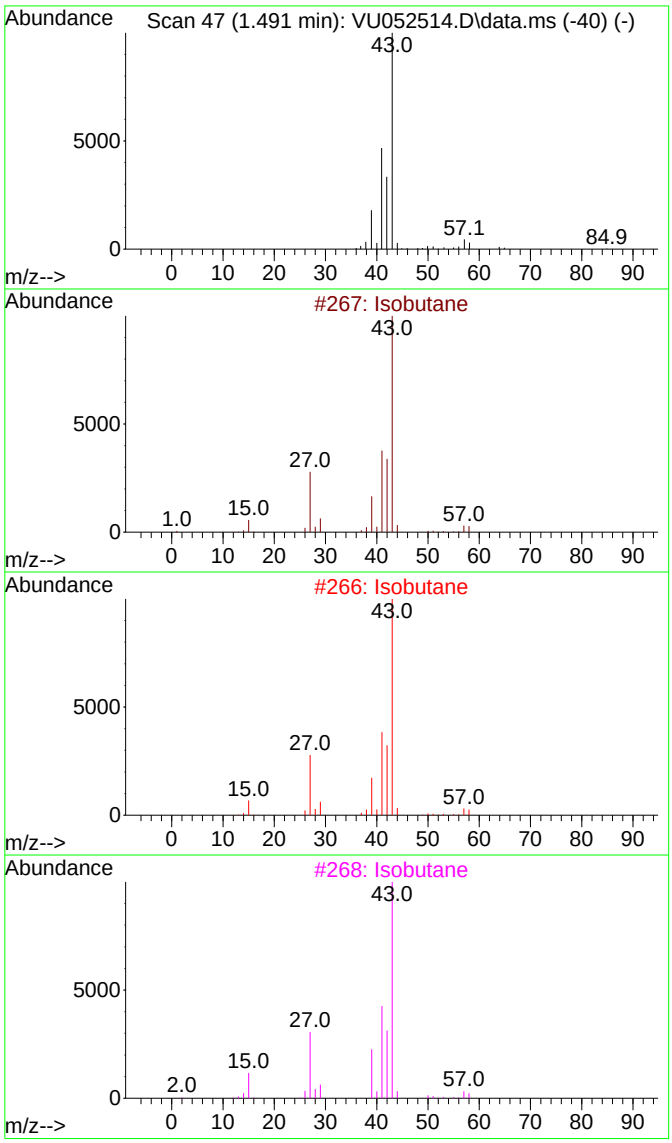
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

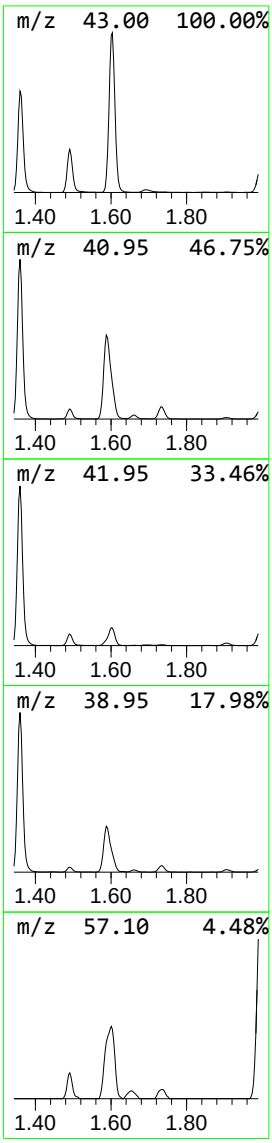
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.491	1.33 ug/L	124414	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	80
2	Isobutane	58	C4H10	000075-28-5	72
3	Isobutane	58	C4H10	000075-28-5	64
4	Isobutane	58	C4H10	000075-28-5	64
5	Isobutane	58	C4H10	000075-28-5	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052514.D
Acq On : 23 Dec 2022 00:26
Operator : JC/MD
Sample : N6170-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB5

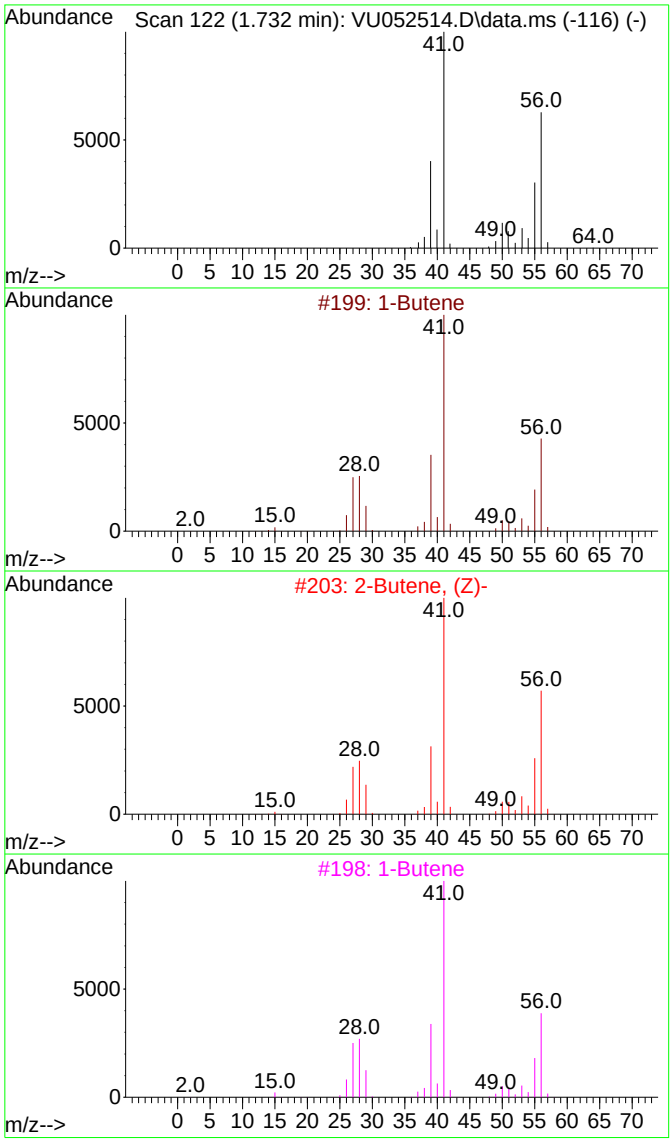
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

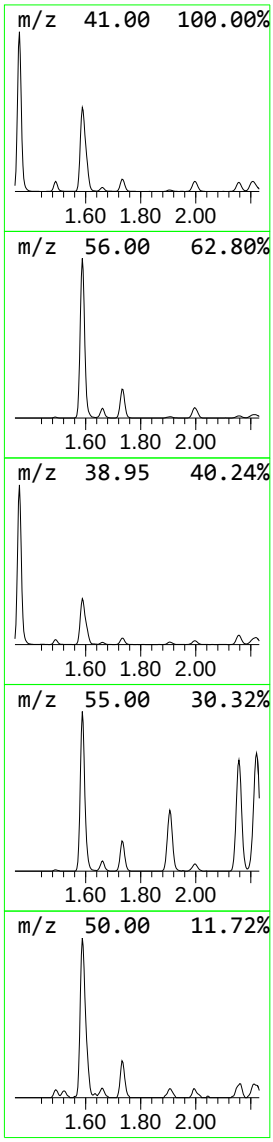
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.732	1.08 ug/L	101317	1,4-Difluorobenzene	6.247

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





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Instrument :
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ClientSampleId :
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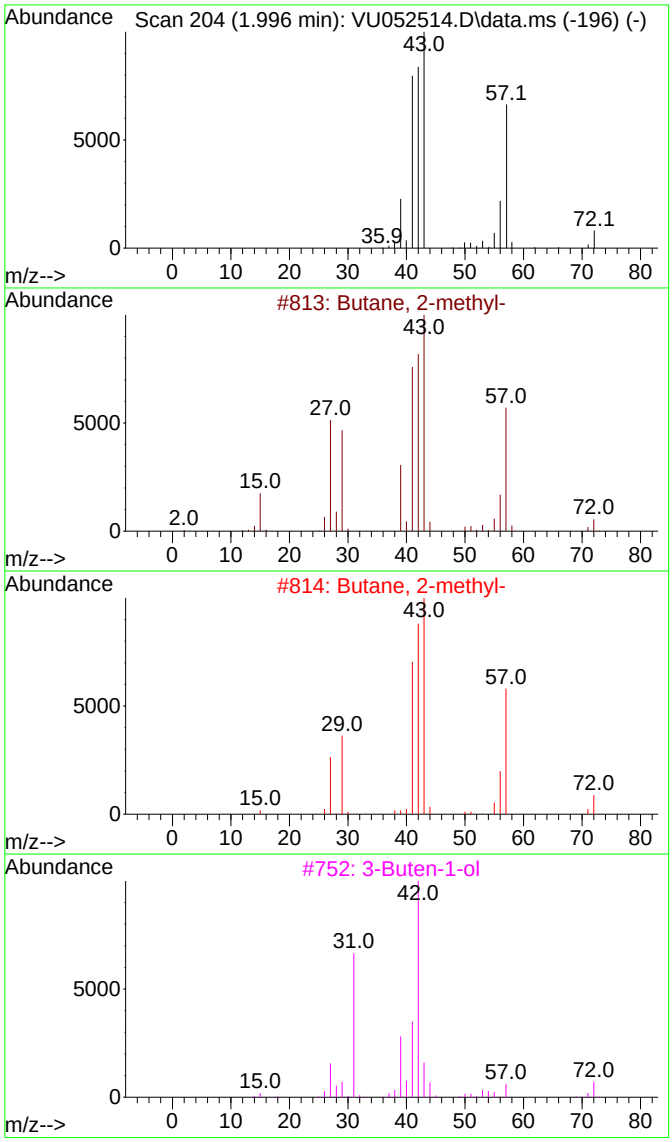
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

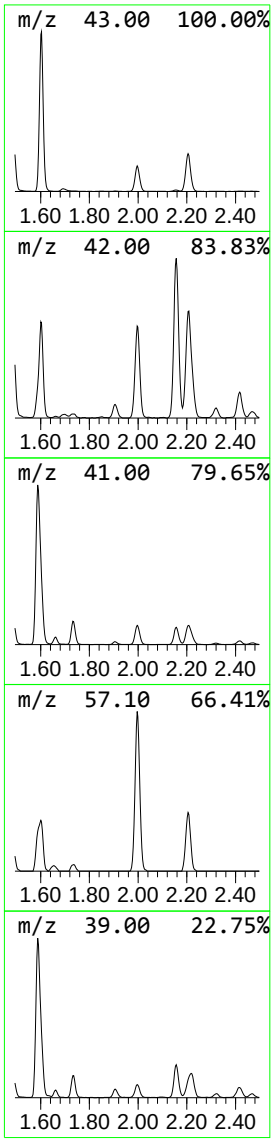
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.996	1.86 ug/L	173678	1,4-Difluorobenzene	6.247

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	39
5	1-Butene	56	C4H8	000106-98-9	9





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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB5

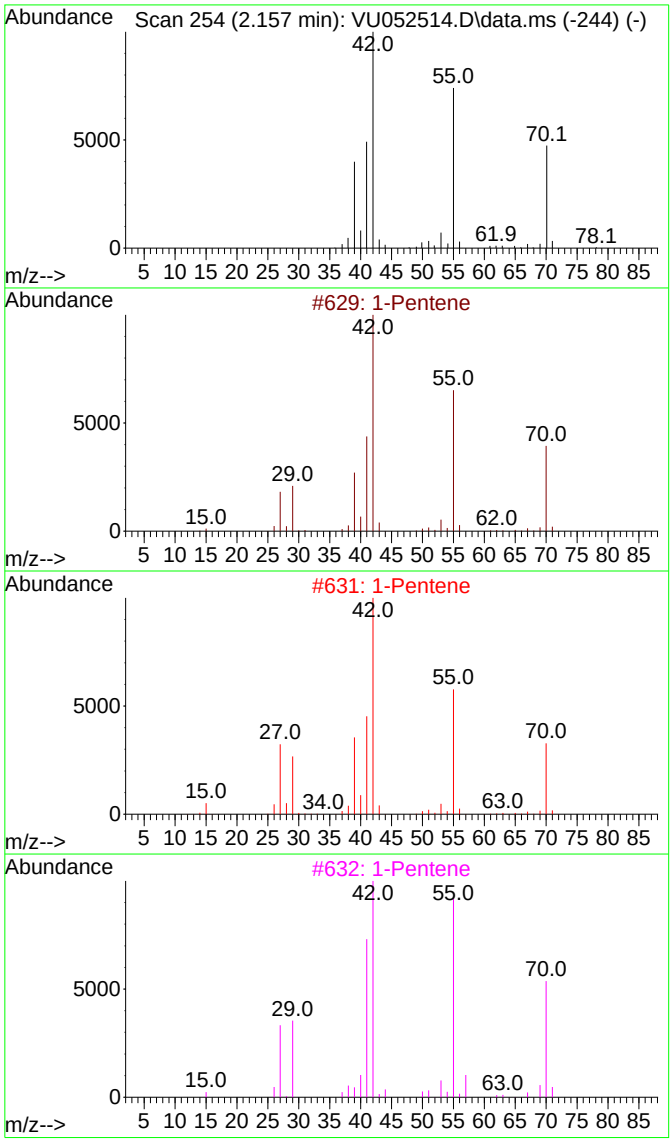
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

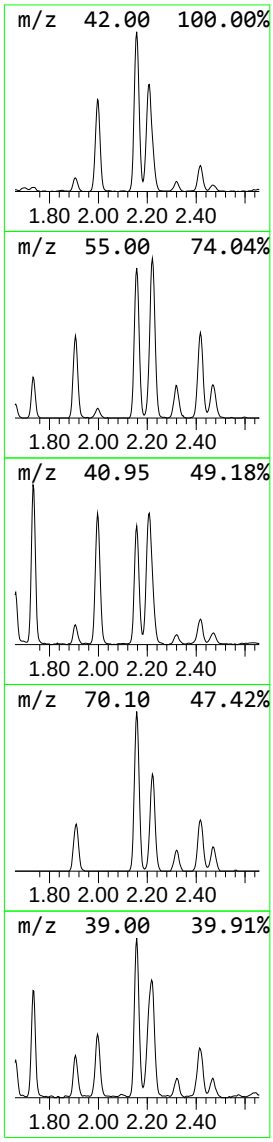
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.157	2.38 ug/L	222899	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene	70	C5H10	000109-67-1	91
2	1-Pentene	70	C5H10	000109-67-1	76
3	1-Pentene	70	C5H10	000109-67-1	68
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	68
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	59





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ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB5

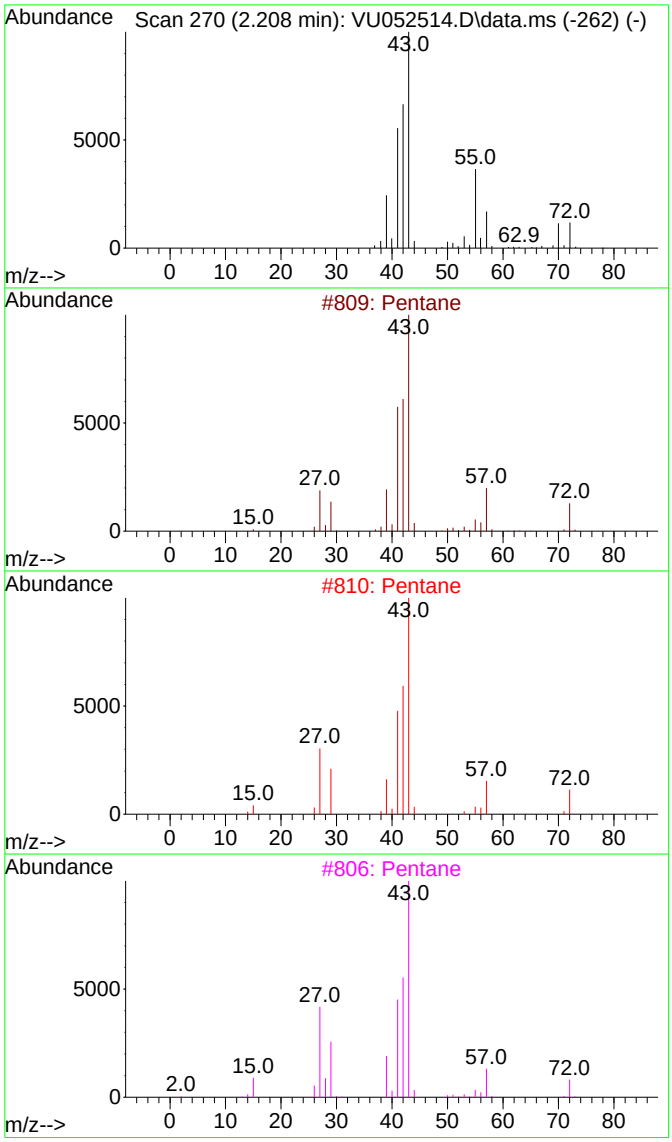
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

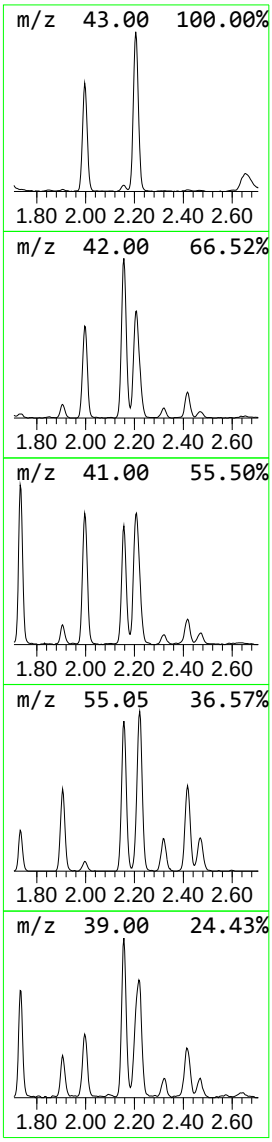
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.208	3.41 ug/L	319084	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	83
2	Pentane	72	C5H12	000109-66-0	80
3	Pentane	72	C5H12	000109-66-0	80
4	Pentane	72	C5H12	000109-66-0	72
5	Pentane	72	C5H12	000109-66-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052514.D
Acq On : 23 Dec 2022 00:26
Operator : JC/MD
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ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB5

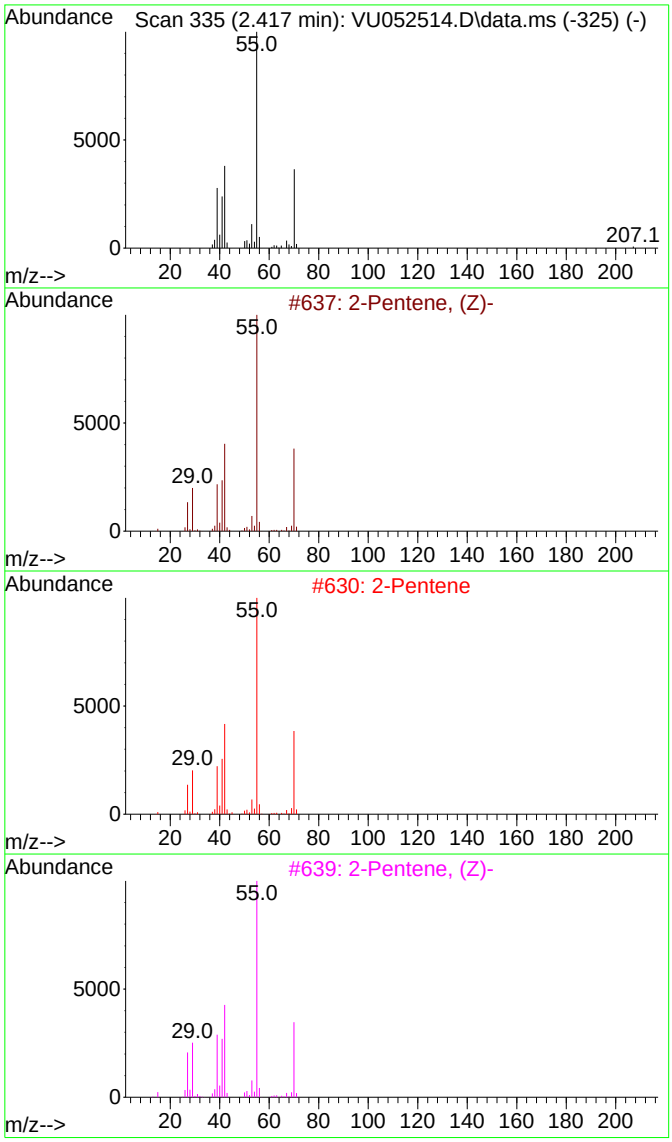
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

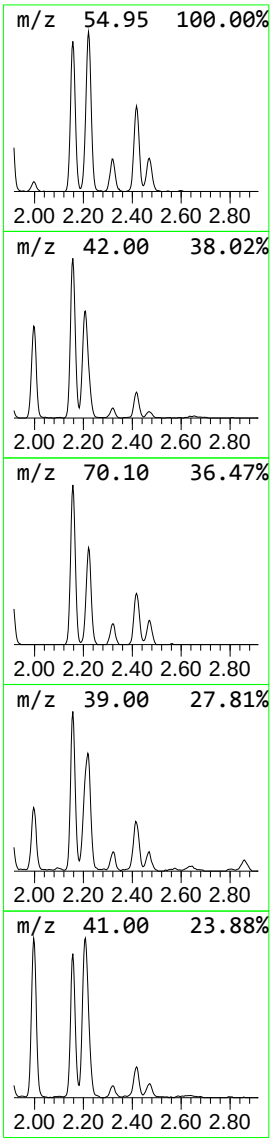
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.417	0.86 ug/L	80073	1,4-Difluorobenzene	6.247

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052514.D
Acq On : 23 Dec 2022 00:26
Operator : JC/MD
Sample : N6170-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB5

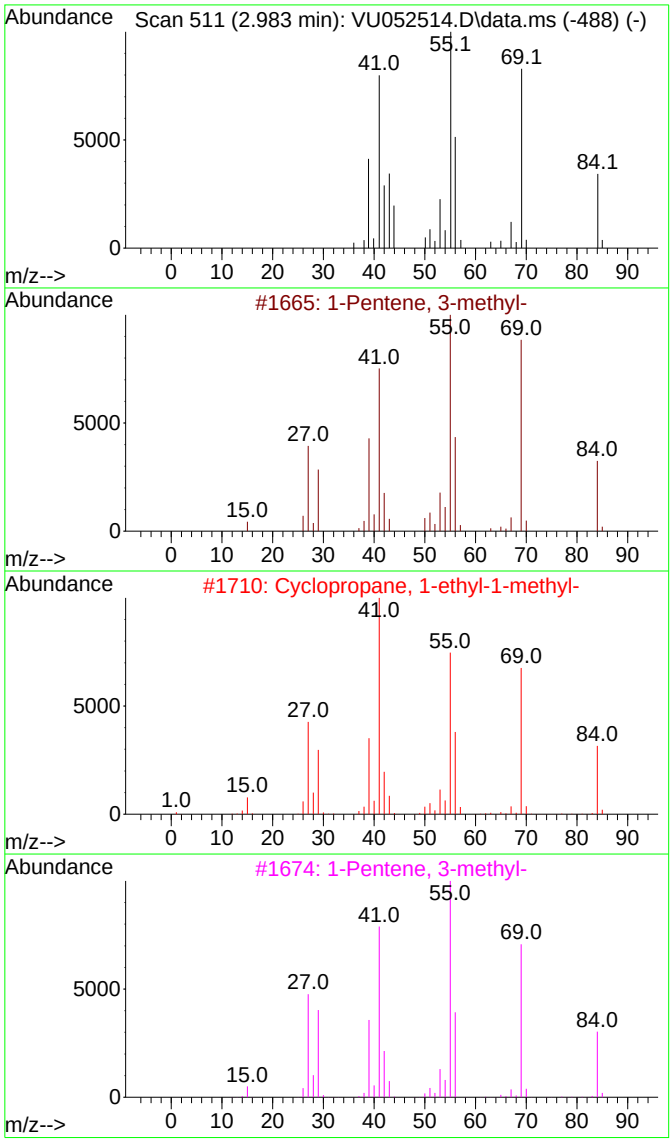
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

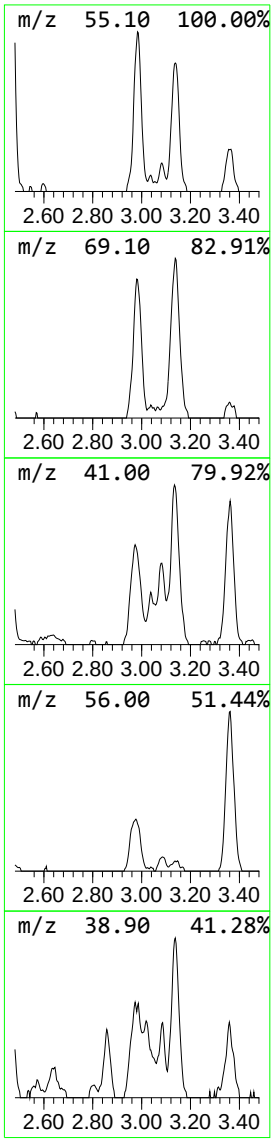
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.983	0.69 ug/L	64373	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	90
2	Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	70
3	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	70
4	Pentane, 3-methylene-	84	C6H12	000760-21-4	68
5	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	58





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Data File : VU052514.D
Acq On : 23 Dec 2022 00:26
Operator : JC/MD
Sample : N6170-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB5

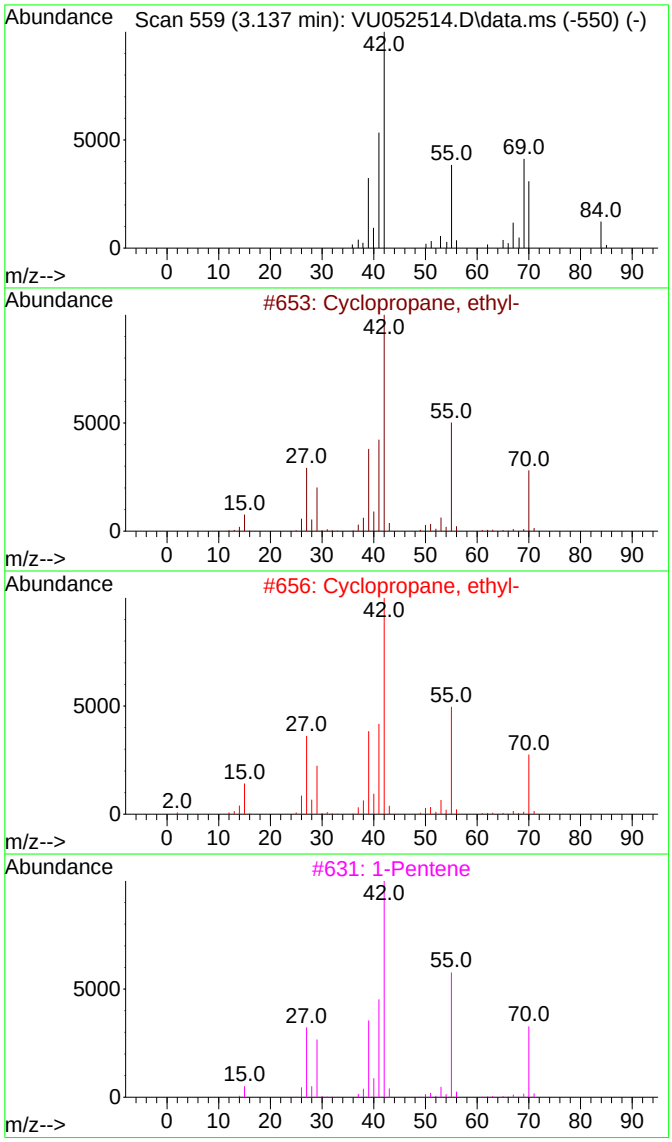
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

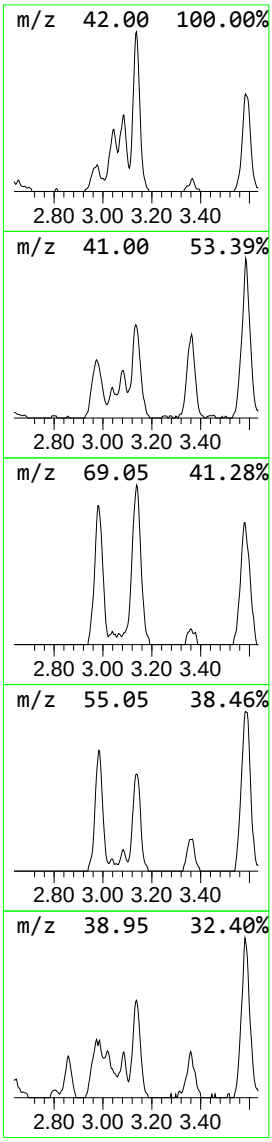
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic3.137 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.137	0.76 ug/L	71455	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	59
2	Cyclopropane, ethyl-	70	C5H10	001191-96-4	59
3	1-Pentene	70	C5H10	000109-67-1	42
4	1-Pentene	70	C5H10	000109-67-1	40
5	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	14





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Data File : VU052514.D
Acq On : 23 Dec 2022 00:26
Operator : JC/MD
Sample : N6170-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB5

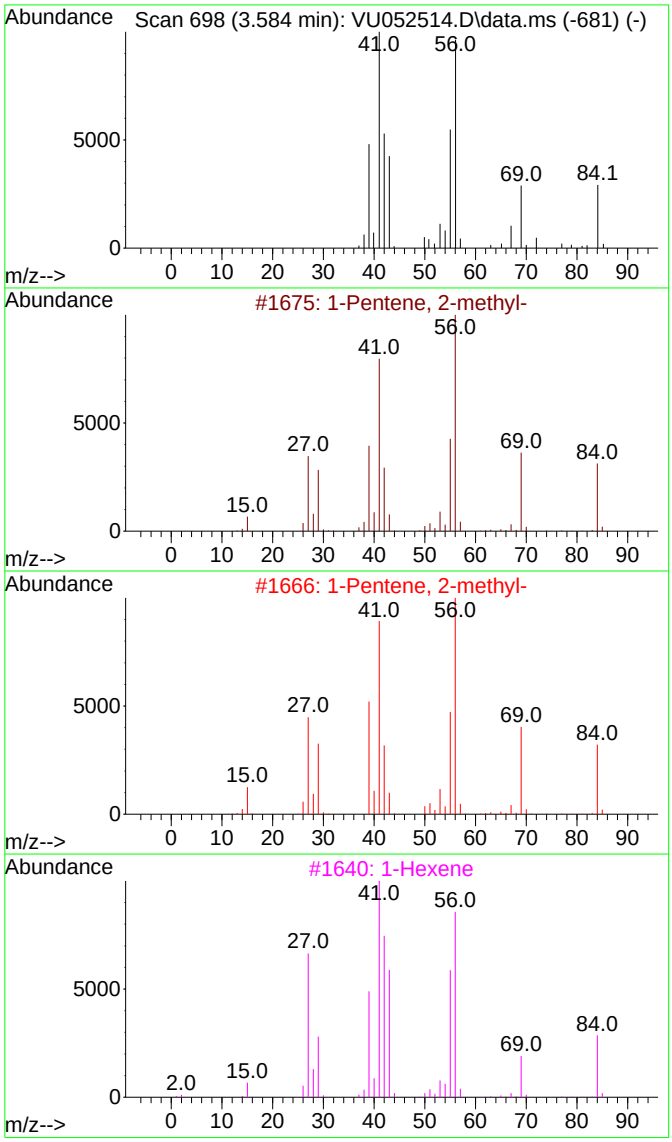
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

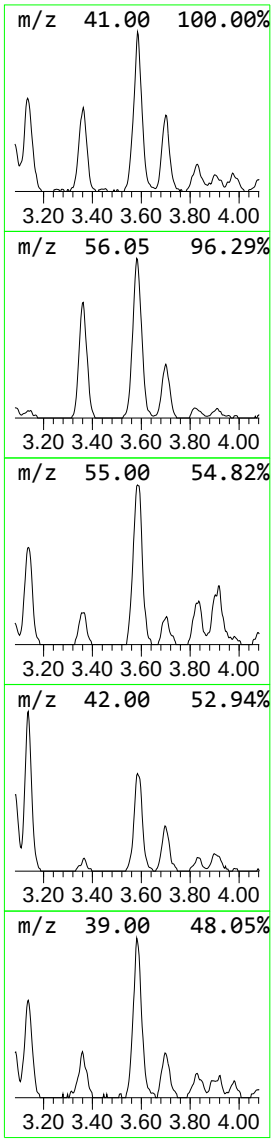
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.584	1.36 ug/L	127428	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	87
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
3	1-Hexene	84	C6H12	000592-41-6	76
4	1-Hexene	84	C6H12	000592-41-6	68
5	3-Hexene, (E)-	84	C6H12	013269-52-8	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052514.D
Acq On : 23 Dec 2022 00:26
Operator : JC/MD
Sample : N6170-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB5

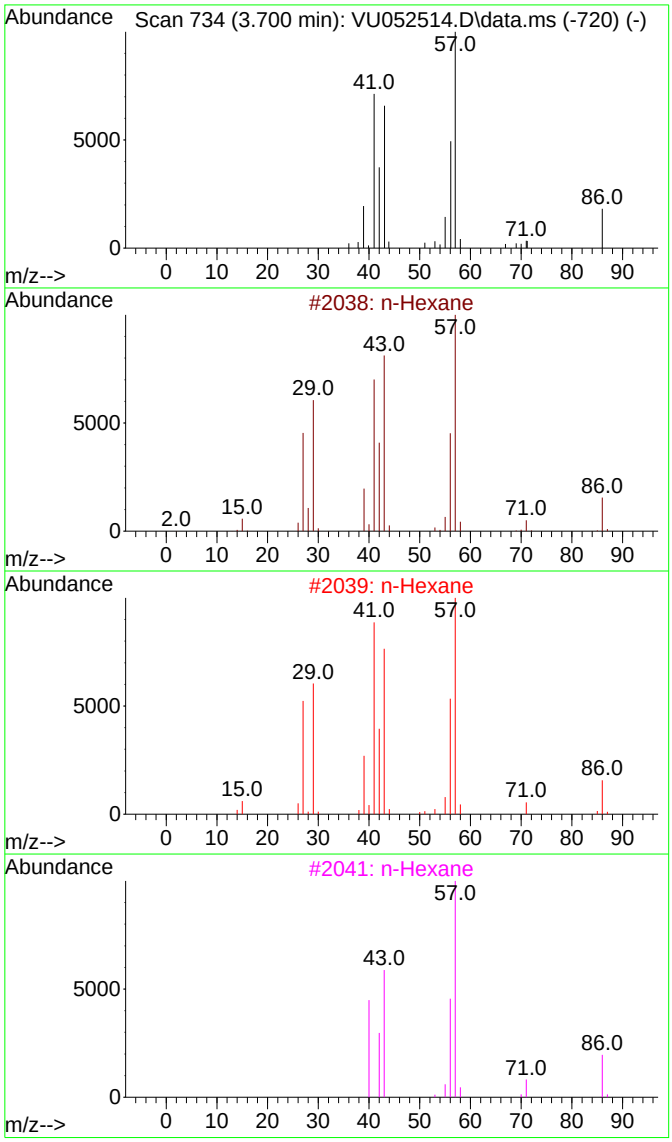
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

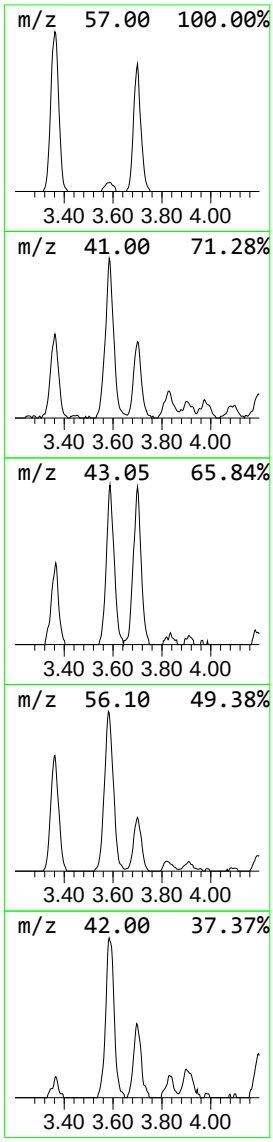
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.700	0.59 ug/L	55419	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	90
2	n-Hexane	86	C6H14	000110-54-3	90
3	n-Hexane	86	C6H14	000110-54-3	86
4	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	86
5	n-Hexane	86	C6H14	000110-54-3	78





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Data File : VU052514.D
Acq On : 23 Dec 2022 00:26
Operator : JC/MD
Sample : N6170-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB5

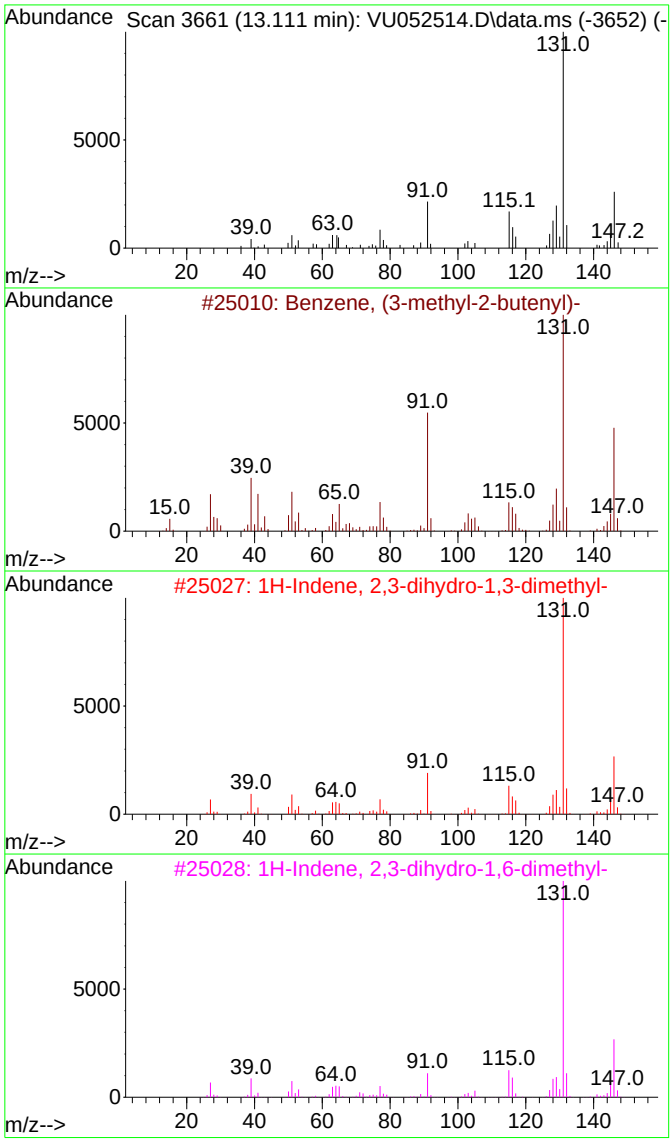
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

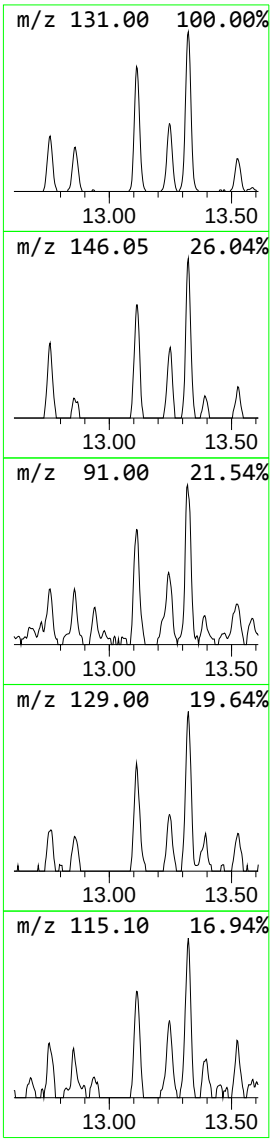
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, (3-methyl-2-butenyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.111	0.55 ug/L	51718	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	96
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90





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Data File : VU052514.D
Acq On : 23 Dec 2022 00:26
Operator : JC/MD
Sample : N6170-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB5

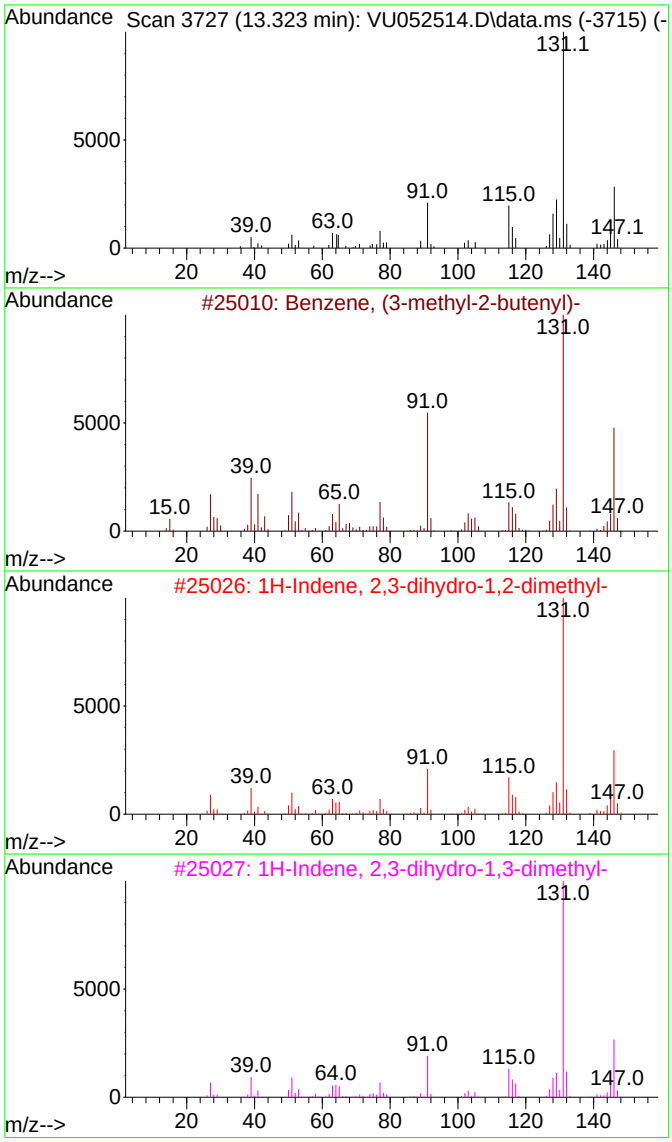
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

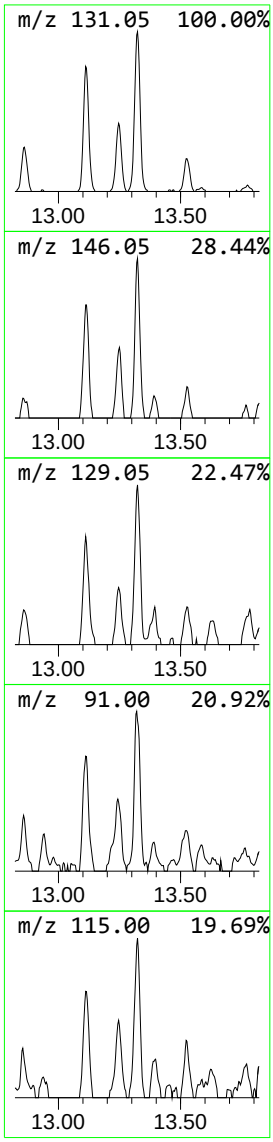
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.323	0.71 ug/L	66854	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	90





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Data File : VU052514.D
Acq On : 23 Dec 2022 00:26
Operator : JC/MD
Sample : N6170-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB5

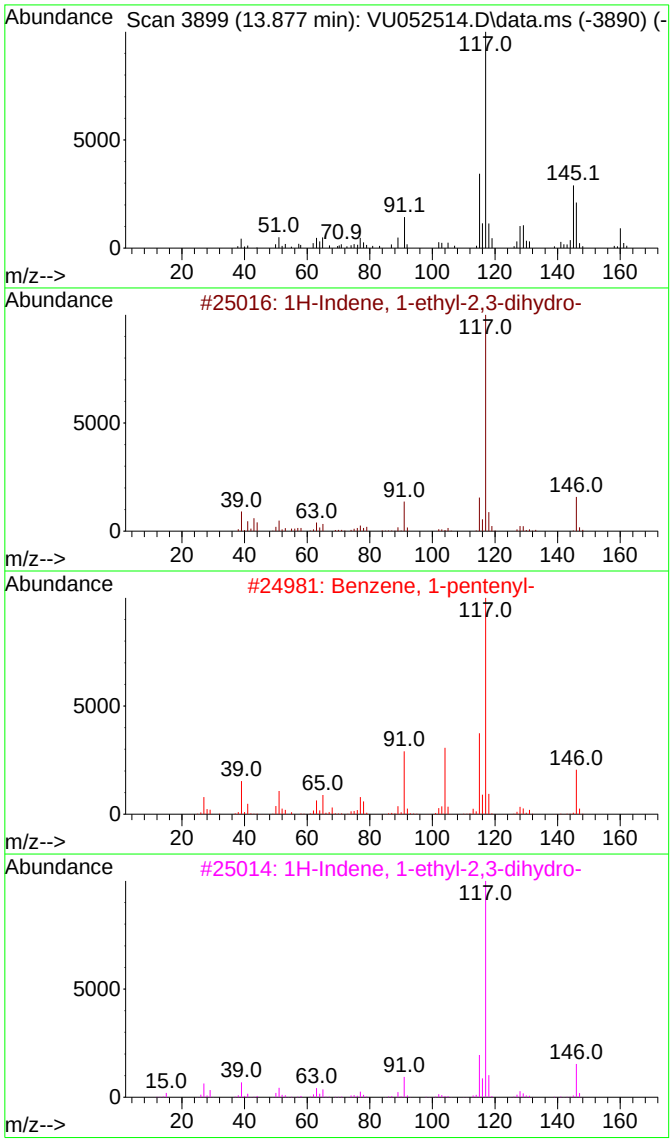
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

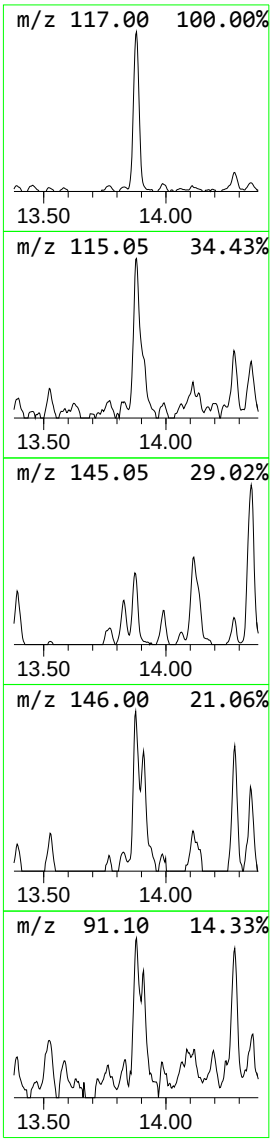
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1H-Indene, 1-ethyl-2,3-dihy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.877	0.81 ug/L	76753	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	70
2	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	68
3	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	62
4	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	59
5	trans-1-Phenyl-1-pentene	146	C11H14	016002-93-0	58





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Data File : VU052514.D
Acq On : 23 Dec 2022 00:26
Operator : JC/MD
Sample : N6170-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB5

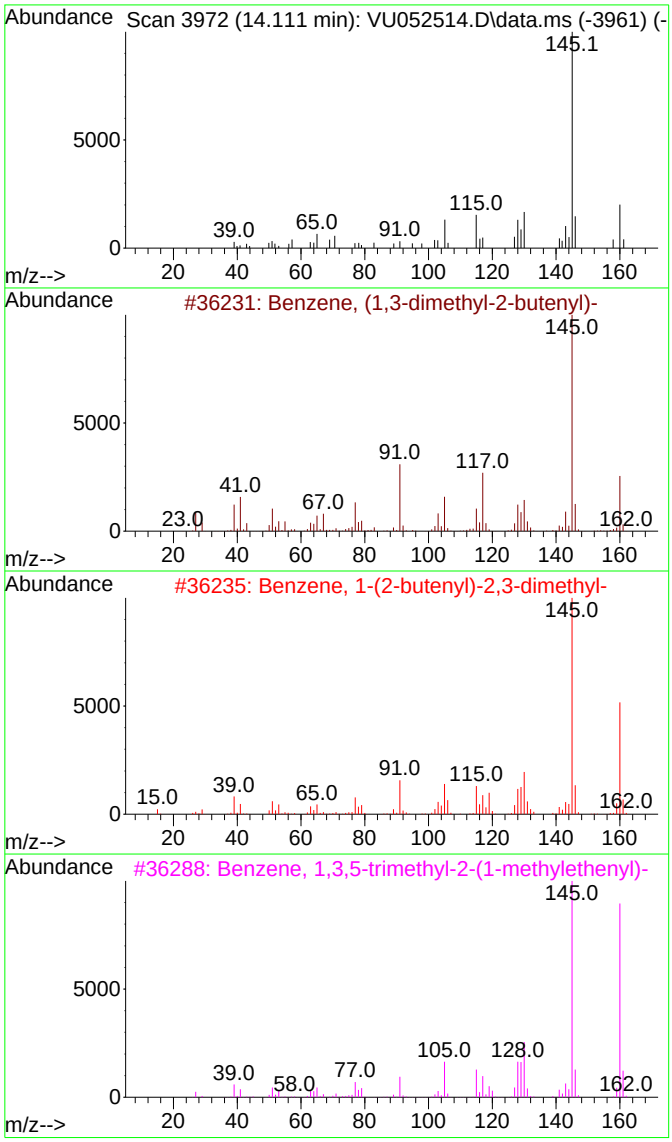
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

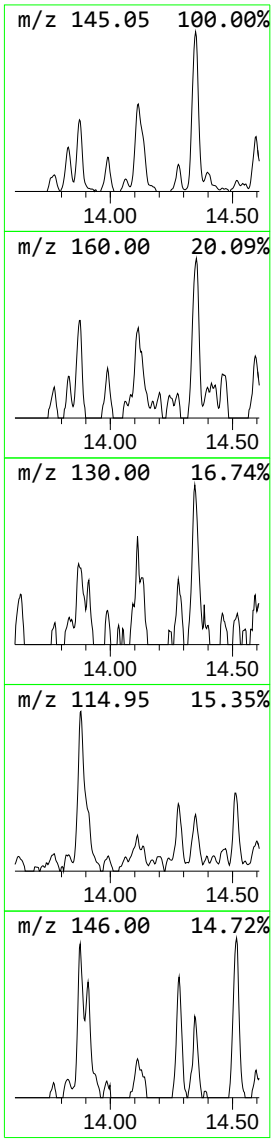
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, (1,3-dimethyl-2-bu... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.111	0.50 ug/L	47279	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	91
2	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	90
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	87
4	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	87
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052514.D
Acq On : 23 Dec 2022 00:26
Operator : JC/MD
Sample : N6170-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB5

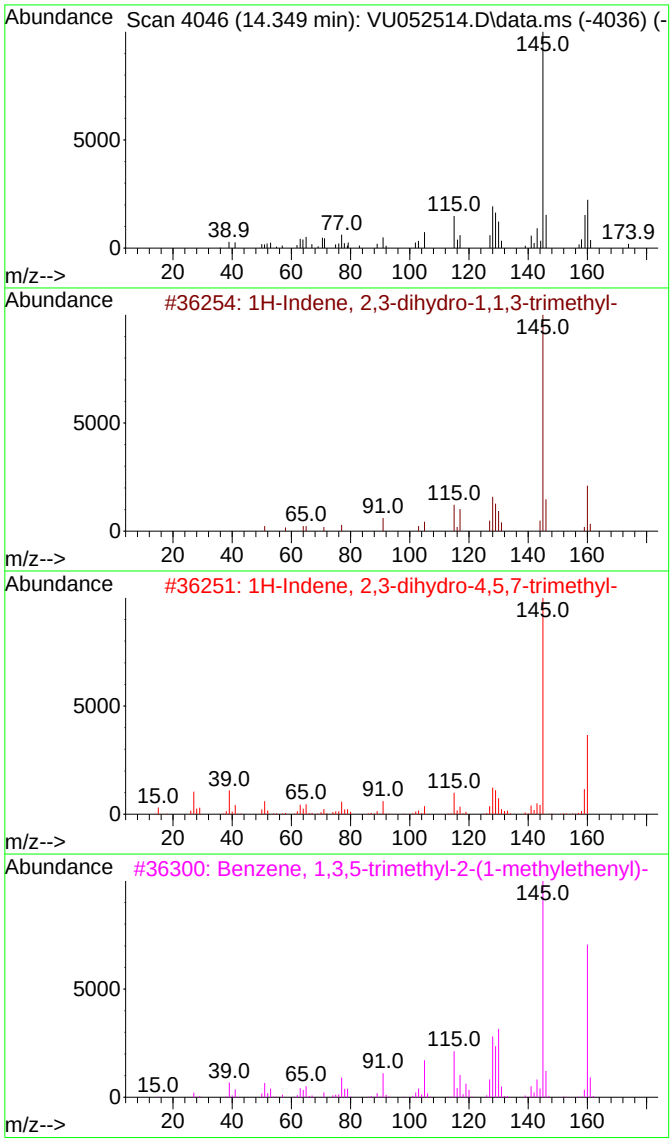
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

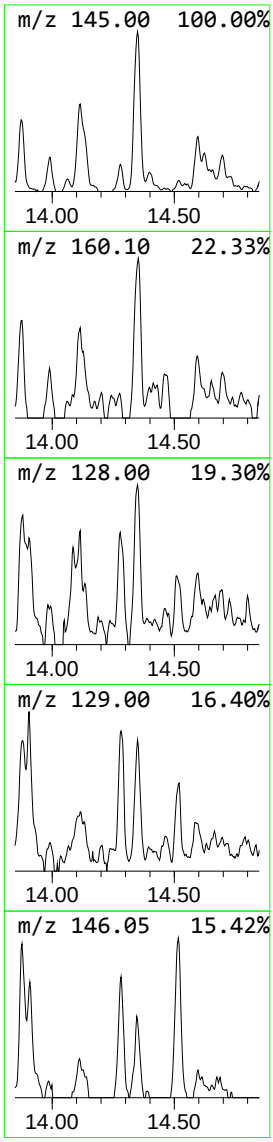
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.349	0.58 ug/L	54782	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	87
2	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	87
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	87
4	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	83
5	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	83





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Data File : VU052514.D
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Sample : N6170-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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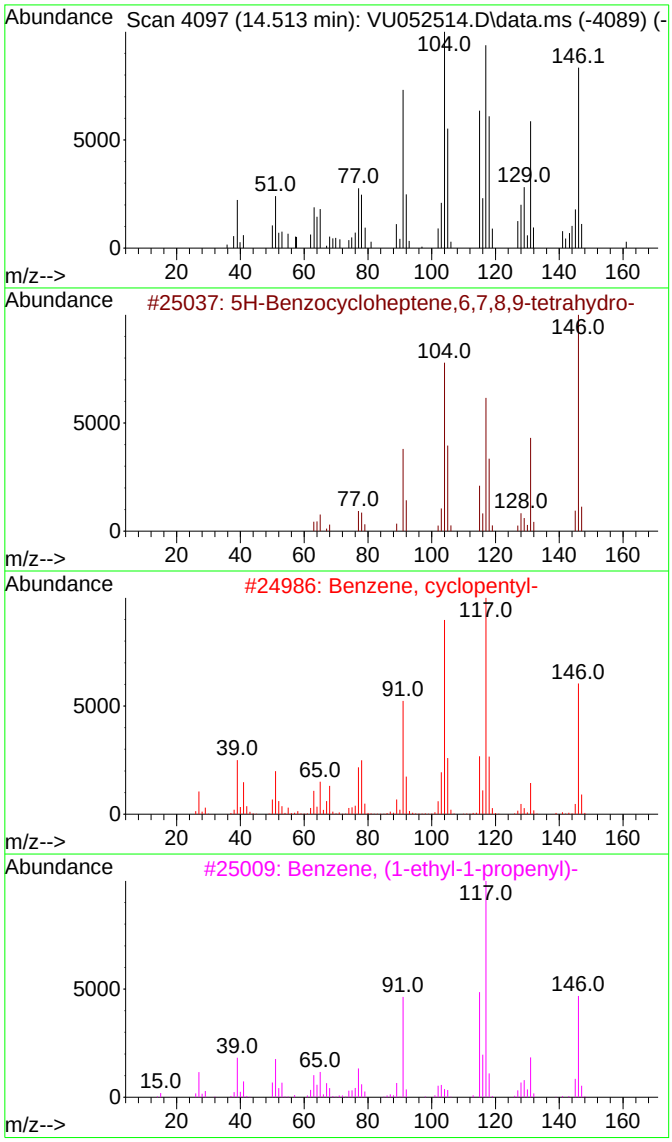
Quant Title : TRACE VOA SFAM1.0

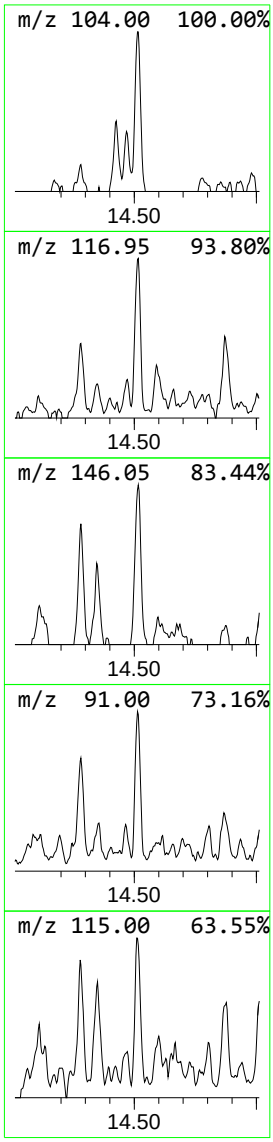
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 5H-Benzocycloheptene,6,7,8,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.513	0.58 ug/L	54937	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Benzocycloheptene,6,7,8,9-tet...	146	C11H14	001075-16-7	87
2	Benzene, cyclopentyl-	146	C11H14	000700-88-9	70
3	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	60
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	60
5	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
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Acq On : 23 Dec 2022 00:26
Operator : JC/MD
Sample : N6170-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB5

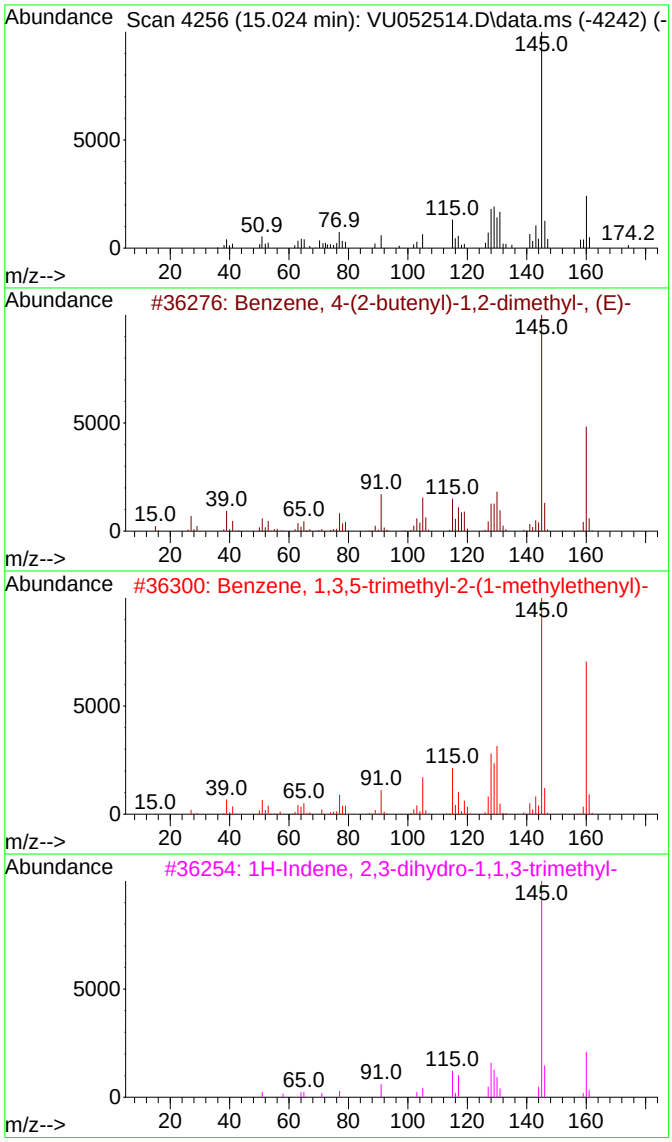
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

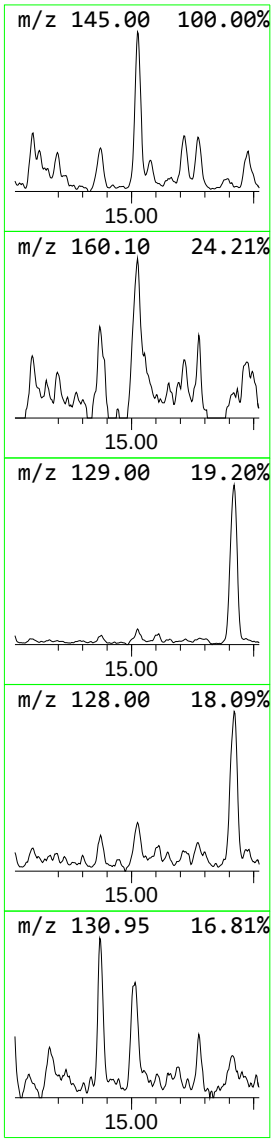
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 4-(2-butenyl)-1,2-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.024	0.74 ug/L	69497	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	91
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	90
3	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	87
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	87
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052514.D
Acq On : 23 Dec 2022 00:26
Operator : JC/MD
Sample : N6170-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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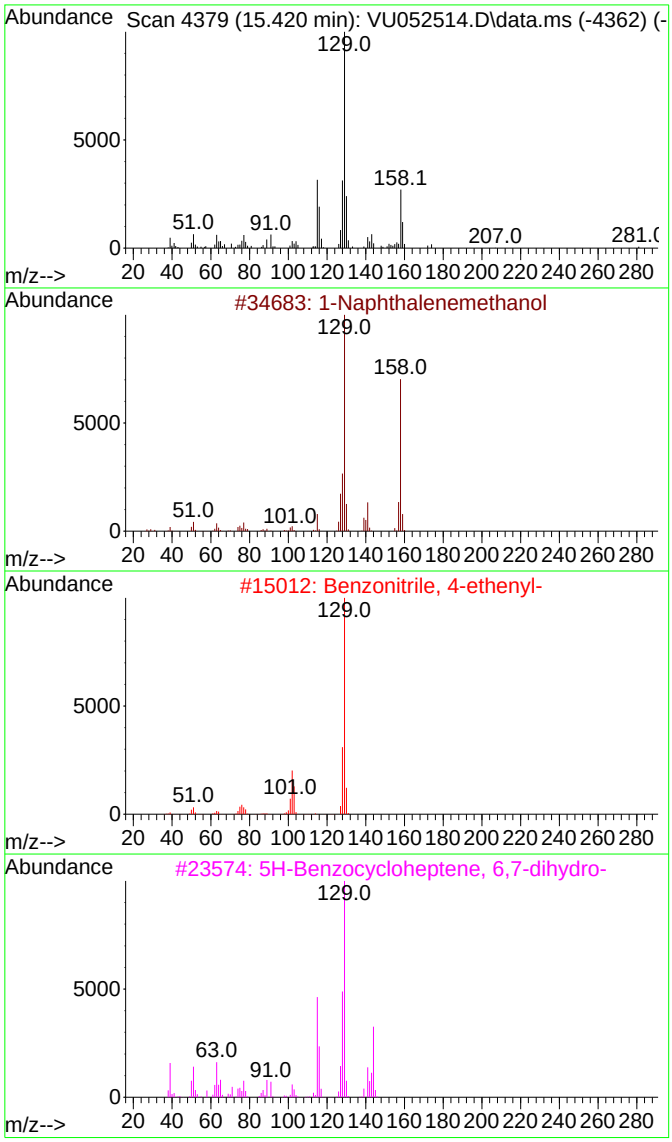
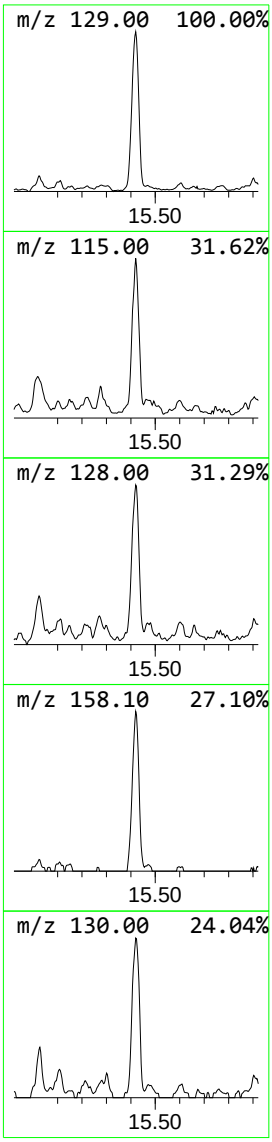
Peak Number 20 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.420	1.48 ug/L	139727	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenemethanol	158	C11H10O	004780-79-4	45
2	Benzonitrile, 4-ethenyl-	129	C9H7N	003435-51-6	43
3	5H-Benzocycloheptene, 6,7-dihydro-	144	C11H12	007125-62-4	43
4	Amyl cinnamyl acetate	246	C16H22O2	1000430-73-5	42
5	1-Methyl-4-(1-pentyn-1-yl)benzene	158	C12H14	079756-89-1	40





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052514.D
Acq On : 23 Dec 2022 00:26
Operator : JC/MD
Sample : N6170-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.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	13.7	ug/L	1276040	1	6.247	467362	5.0
(DEL) Alkane: S...	1.491	1.3	ug/L	124414	1	6.247	467362	5.0
(DEL) Alkane: S...	1.732	1.1	ug/L	101317	1	6.247	467362	5.0
(DEL) Alkane: S...	1.996	1.9	ug/L	173678	1	6.247	467362	5.0
(DEL) Alkane: S...	2.157	2.4	ug/L	222899	1	6.247	467362	5.0
(DEL) Alkane: S...	2.208	3.4	ug/L	319084	1	6.247	467362	5.0
(DEL) Alkane: S...	2.417	0.9	ug/L	80073	1	6.247	467362	5.0
(DEL) Alkane: S...	2.983	0.7	ug/L	64373	1	6.247	467362	5.0
(DEL) Alkane: C...	3.137	0.8	ug/L	71455	1	6.247	467362	5.0
(DEL) Alkane: S...	3.584	1.4	ug/L	127428	1	6.247	467362	5.0
(DEL) Alkane: S...	3.700	0.6	ug/L	55419	1	6.247	467362	5.0
Benzene, (3-met...	13.111	0.6	ug/L	51718	3	11.809	471193	5.0
1H-Indene, 2,3-...	13.323	0.7	ug/L	66854	3	11.809	471193	5.0
1H-Indene, 1-et...	13.877	0.8	ug/L	76753	3	11.809	471193	5.0
Benzene, (1,3-d...	14.111	0.5	ug/L	47279	3	11.809	471193	5.0
1H-Indene, 2,3-...	14.349	0.6	ug/L	54782	3	11.809	471193	5.0
5H-Benzocyclohe...	14.513	0.6	ug/L	54937	3	11.809	471193	5.0
Benzene, 4-(2-b...	15.024	0.7	ug/L	69497	3	11.809	471193	5.0
unknown-01	15.420	1.5	ug/L	139727	3	11.809	471193	5.0