LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026523.D
Acq On : 23 Jun 2022 18:44
Operator : SY/MD
Sample : N3400-11DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD8DL

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_V\Method\SFAMVTR062322WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV026523.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.275	53	73	75	rBV5	13639	31698	1.82%	0.170%
2	1.317	79	86	107	rVB	129054	156968	9.02%	0.842%
3	1.577	160	167	181	rBV2	104831	164708	9.46%	0.883%
4	2.118	325	335	352	rVB	212957	314979	18.09%	1.689%
5	2.519	445	460	473	rBV	49468	97452	5.60%	0.523%
6	2.584	473	480	509	rVB3	15314	33367	1.92%	0.179%
7	2.770	525	538	551	rBV3	12827	24269	1.39%	0.130%
8	3.773	832	850	871	rVB2	68143	172091	9.89%	0.923%
9	3.925	878	897	941	rBV2	50945	253291	14.55%	1.358%
10	4.359	1016	1032	1065	rBV	121254	321119	18.45%	1.722%
11	4.683	1116	1133	1149	rBV2	119588	302121	17.36%	1.620%
12	4.773	1149	1161	1183	rVB3	32996	87957	5.05%	0.472%
13	4.918	1191	1206	1233	rBV7	41072	163497	9.39%	0.877%
14	5.056	1233	1249	1258	rVV2	287120	689689	39.62%	3.699%
15	5.108	1259	1265	1279	rVV	157751	337118	19.37%	1.808%
16	5.185	1279	1289	1301	rVV3	56802	140323	8.06%	0.753%
17	5.256	1301	1311	1323	rVV4	51263	120016	6.89%	0.644%
18	5.330	1323	1334	1351	rVB3	52349	122797	7.05%	0.659%
19	5.622	1411	1425	1457	rBV	239273	493331	28.34%	2.646%
20	6.076	1553	1566	1574	rBV	154826	326957	18.78%	1.754%
21	6.133	1576	1584	1599	rVB3	154031	336789	19.35%	1.806%
22	6.368	1646	1657	1670	rVB4	20410	39775	2.28%	0.213%
23	6.465	1675	1687	1703	rVB5	7769	18738	1.08%	0.100%
24	6.635	1730	1740	1760	rVB9	8162	21770	1.25%	0.117%
25	6.992	1836	1851	1875	rBV	56622	111591	6.41%	0.598%
26	7.268	1926	1937	1942	rBV7	14655	26937	1.55%	0.144%
27	7.320	1942	1953	1973	rVB	322716	572970	32.91%	3.073%
28	7.445	1984	1992	2005	rVB3	15063	27546	1.58%	0.148%
29	7.632	2029	2050	2052	rBV	29233	44238	2.54%	0.237%
30	7.654	2053	2057	2071	rVB3	37800	63506	3.65%	0.341%
31	7.789	2088	2099	2112	rVB4	14374	26163	1.50%	0.140%
32	8.092	2180	2193	2227	rBV	219792	459989	26.42%	2.467%
33	8.236	2229	2238	2247	rVV8	13183	26457	1.52%	0.142%
34	8.291	2247	2255	2264	rVB4	12932	21760	1.25%	0.117%
35	8.854	2416	2430	2448	rBV	334018	560246	32.18%	3.005%
36	8.934	2448	2455	2466	rVB4	13960	24158	1.39%	0.130%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026523.D
Acq On : 23 Jun 2022 18:44
Operator : SY/MD
Sample : N3400-11DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD8DL

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_V\Method\SFAMVTR062322WMA.M
Title : TRACE VOA SFAM1.0

37	9.011	2467	2479	2502	rBV	676089	1066624	61.27%	5.721%
38	9.140	2502	2519	2545	rVB	789827	1253465	72.01%	6.723%
39	9.931	2752	2765	2794	rBV	837158	1299335	74.64%	6.969%
40	10.217	2842	2854	2874	rVB	107882	174697	10.04%	0.937%
41	10.352	2883	2896	2920	rBV	1139282	1740768	100.00%	9.336%
42	10.474	2922	2934	2945	rVV	63632	104654	6.01%	0.561%
43	10.542	2947	2955	2967	rVB2	13289	22453	1.29%	0.120%
44	10.738	3006	3016	3037	rVB	118901	190121	10.92%	1.020%
45	10.915	3061	3071	3087	rVB	57480	89049	5.12%	0.478%
46	11.021	3090	3104	3109	rVV2	23746	37227	2.14%	0.200%
47	11.056	3109	3115	3119	rVV2	22869	34536	1.98%	0.185%
48	11.088	3120	3125	3145	rVB2	29761	44874	2.58%	0.241%
49	11.249	3163	3175	3190	rBV	361939	569407	32.71%	3.054%
50	11.336	3190	3202	3216	rVB	364140	553315	31.79%	2.968%
51	11.526	3248	3261	3280	rVV	432654	763372	43.85%	4.094%
52	11.622	3280	3291	3319	rVB3	372191	659681	37.90%	3.538%
53	11.744	3319	3329	3342	rBV3	28634	46116	2.65%	0.247%
54	11.821	3344	3353	3363	rVB	20254	30454	1.75%	0.163%
55	11.911	3371	3381	3398	rBV2	14634	23592	1.36%	0.127%
56	12.014	3398	3413	3433	rBV	362652	604544	34.73%	3.242%
57	12.114	3433	3444	3469	rVV2	102831	219602	12.62%	1.178%
58	12.313	3494	3506	3517	rVB	54312	85525	4.91%	0.459%
59	12.413	3519	3537	3546	rVV	305956	473804	27.22%	2.541%
60	12.464	3546	3553	3568	rVB	82464	127123	7.30%	0.682%
61	12.548	3568	3579	3587	rBV3	11487	17698	1.02%	0.095%
62	12.722	3623	3633	3648	rVB	111462	175124	10.06%	0.939%
63	12.879	3664	3682	3693	rBV2	455667	706084	40.56%	3.787%
64	12.998	3711	3719	3727	rBV	15728	23011	1.32%	0.123%
65	13.050	3727	3735	3745	rVB5	18815	33314	1.91%	0.179%
66	13.268	3793	3803	3819	rBV3	30366	53304	3.06%	0.286%
67	13.397	3837	3843	3855	rVB	20757	31545	1.81%	0.169%
68	13.500	3861	3875	3900	rBV	419065	654520	37.60%	3.510%

Sum of corrected areas: 18645319

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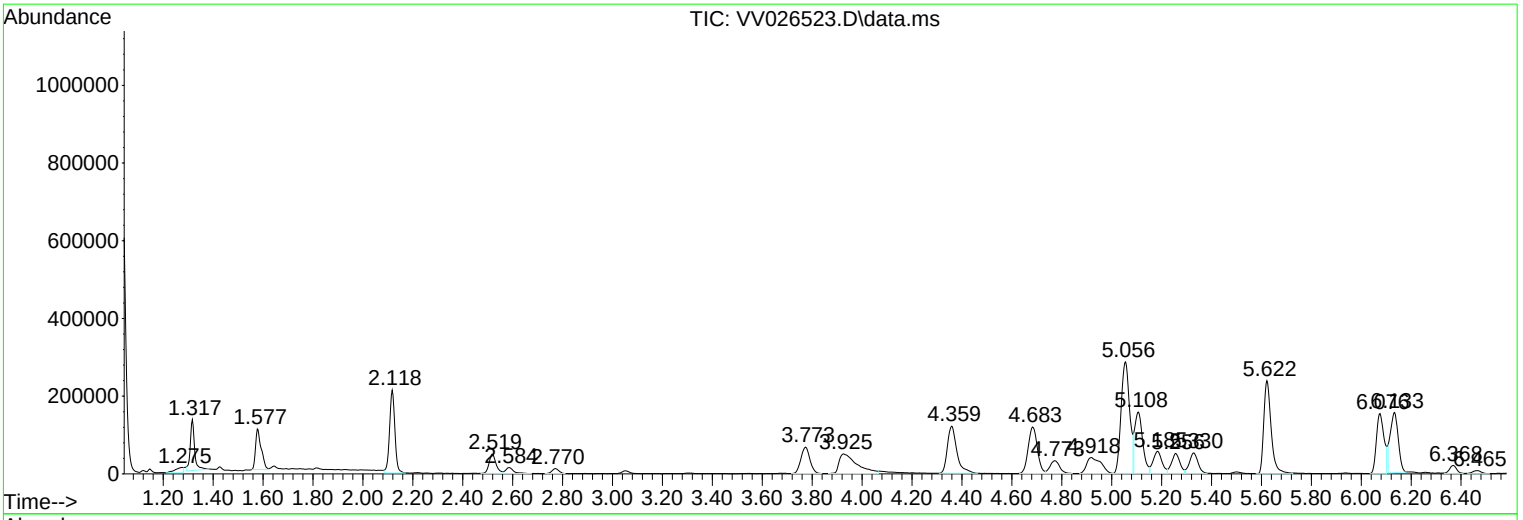
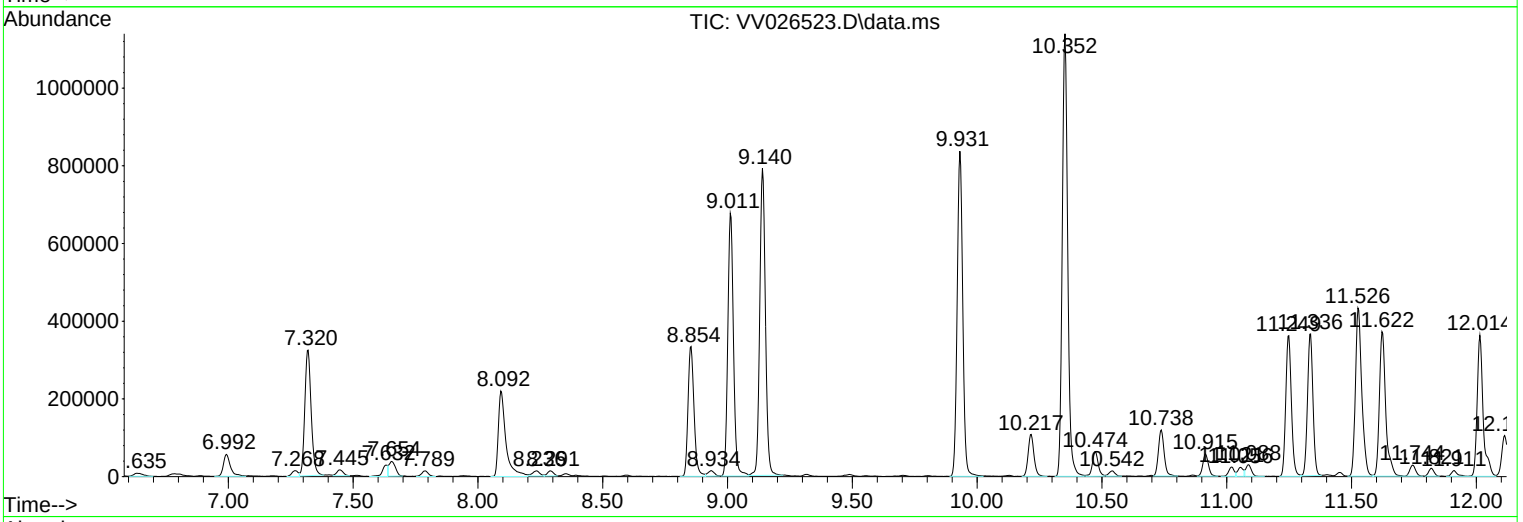
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

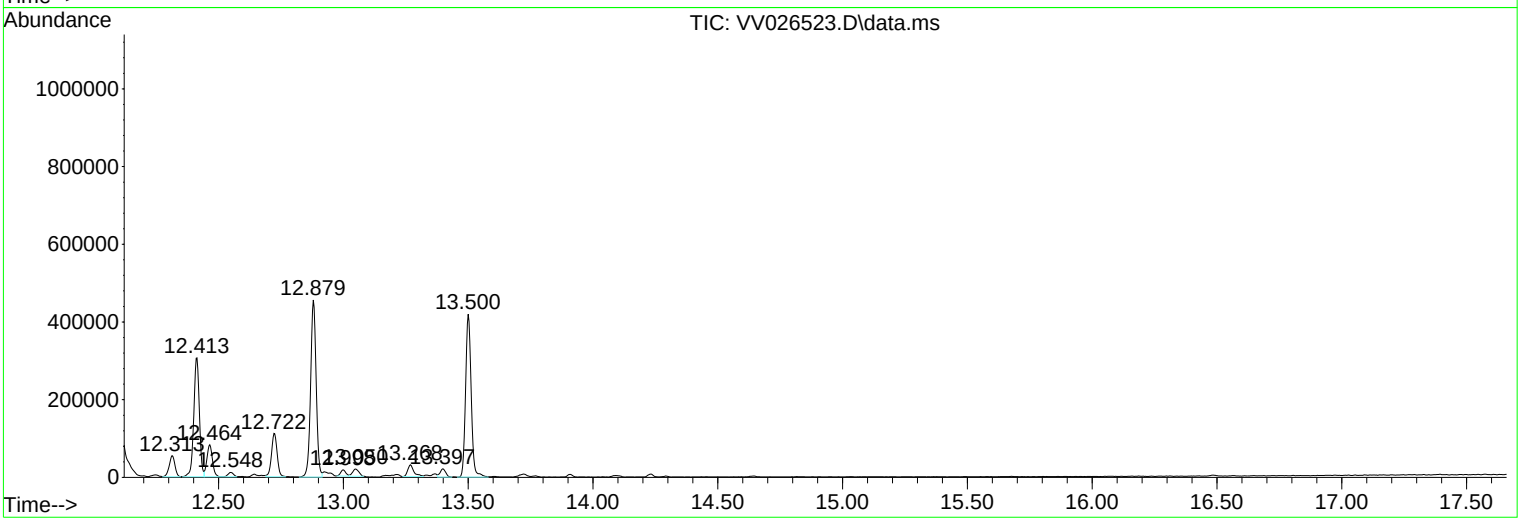
Instrument :
MSVOA_V
ClientSampleId :
C0AD8DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026523.D
Acq On : 23 Jun 2022 18:44
Operator : SY/MD
Sample : N3400-11DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD8DL

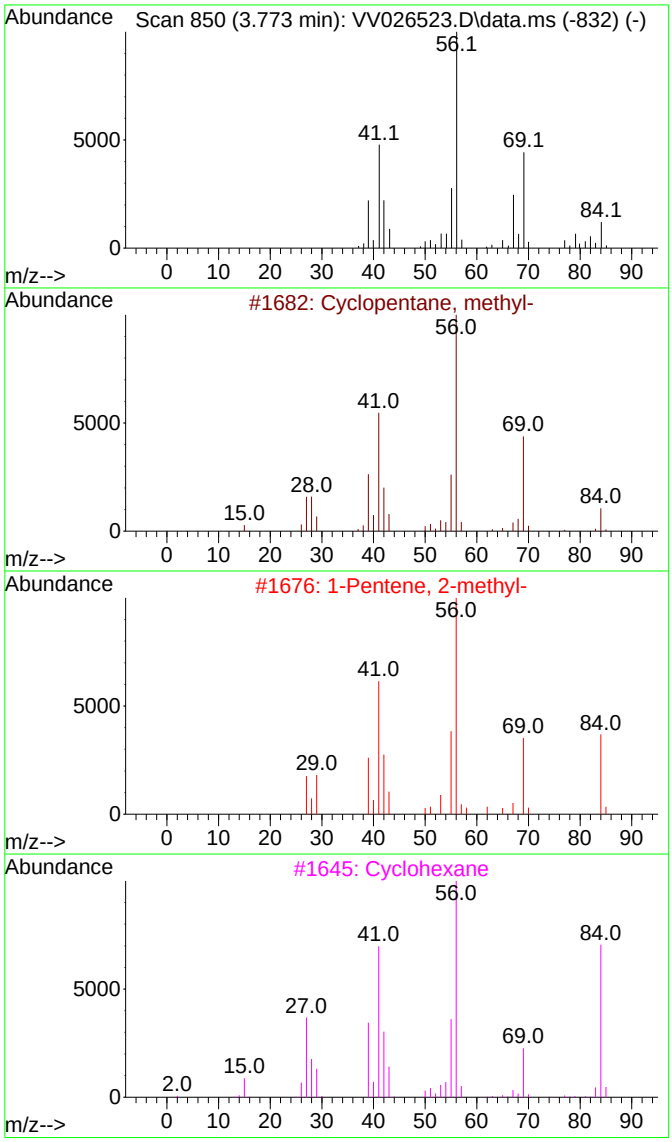
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

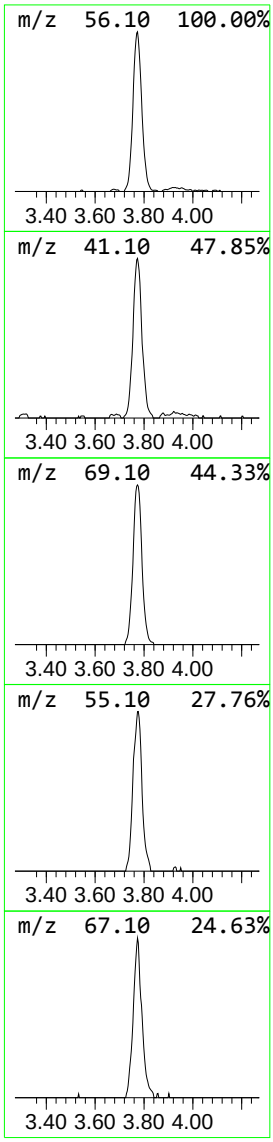
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.773 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.773	1.74 ug/L	172091	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	76
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	68
3	Cyclohexane	84	C6H12	000110-82-7	64
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	62
5	Cyclohexane	84	C6H12	000110-82-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026523.D
Acq On : 23 Jun 2022 18:44
Operator : SY/MD
Sample : N3400-11DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD8DL

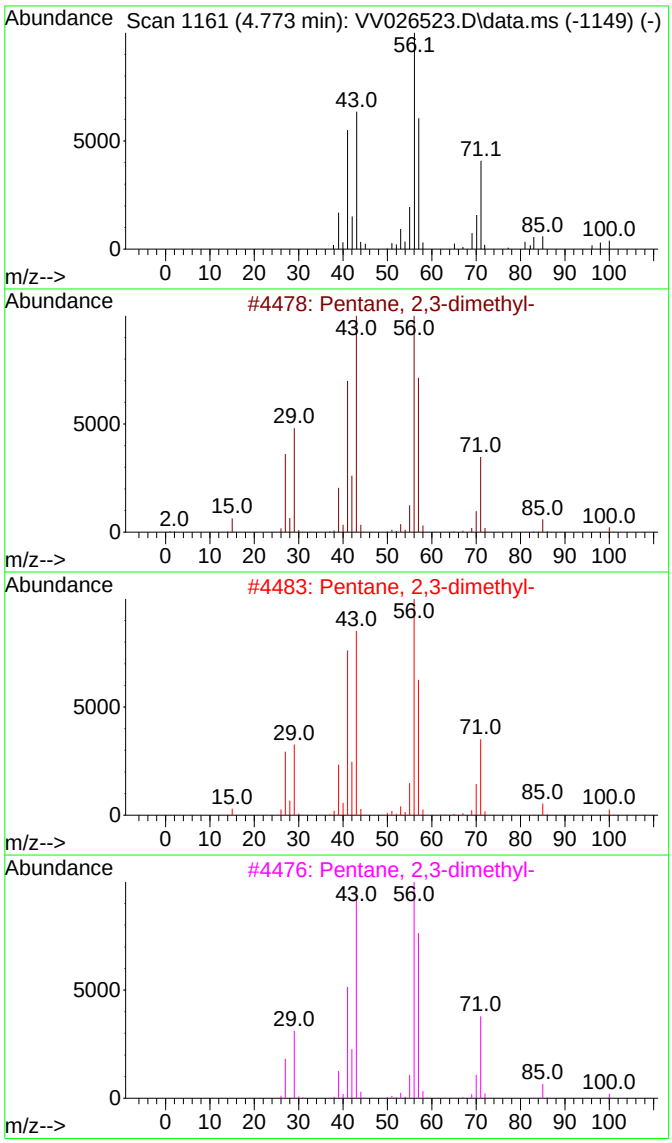
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

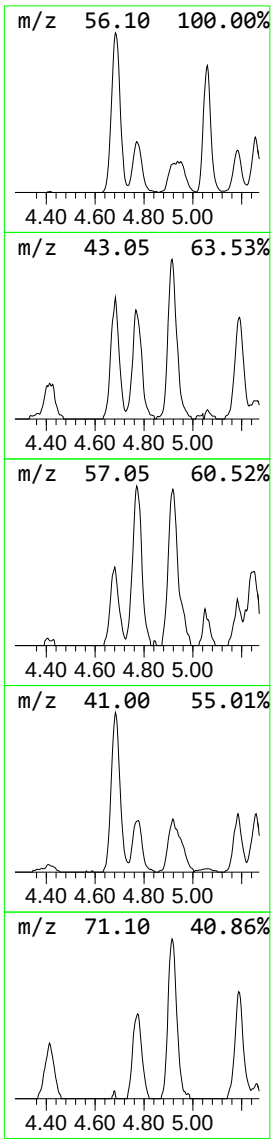
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.773	0.89 ug/L	87957	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	78
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	72
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	64
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	59
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026523.D
Acq On : 23 Jun 2022 18:44
Operator : SY/MD
Sample : N3400-11DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD8DL

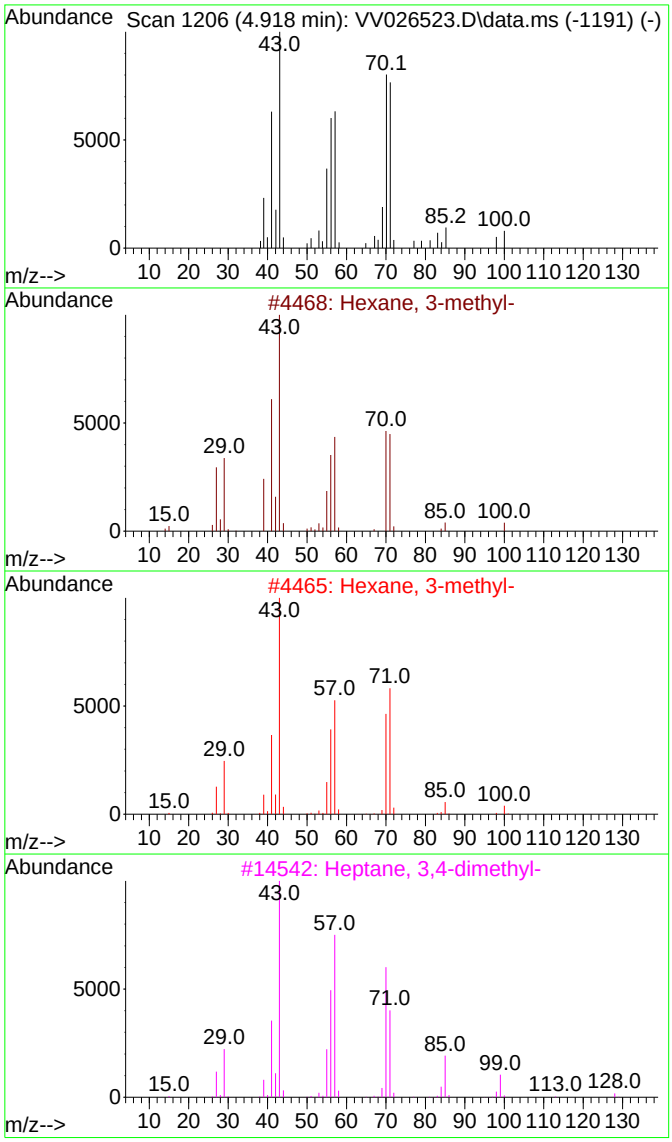
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

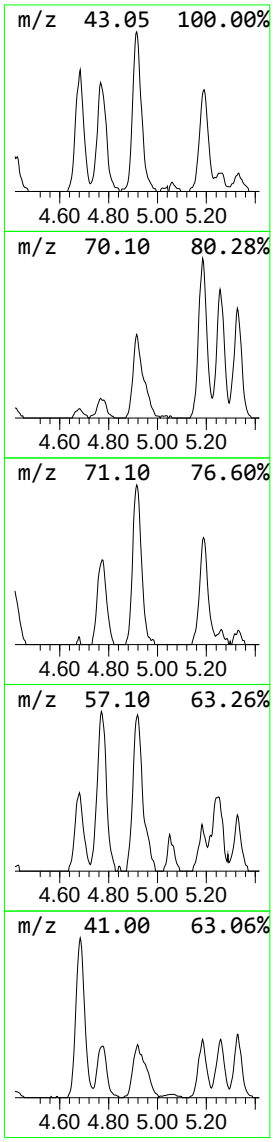
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.918	1.66 ug/L	163497	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	96
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	80
3	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	72
4	Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	64
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026523.D
Acq On : 23 Jun 2022 18:44
Operator : SY/MD
Sample : N3400-11DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD8DL

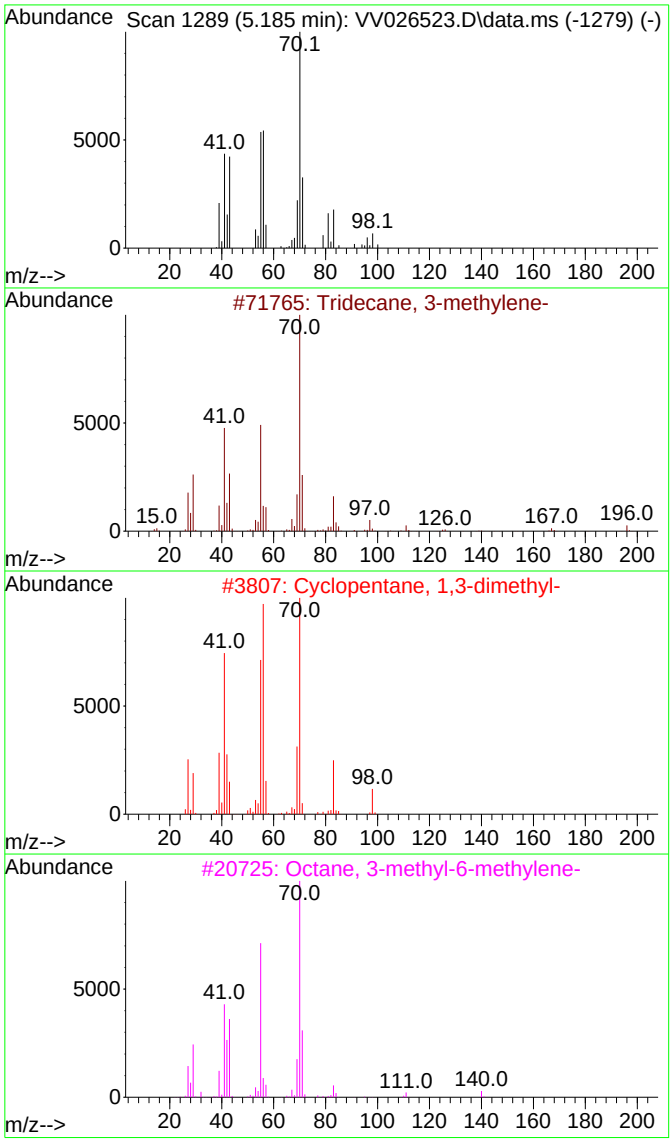
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

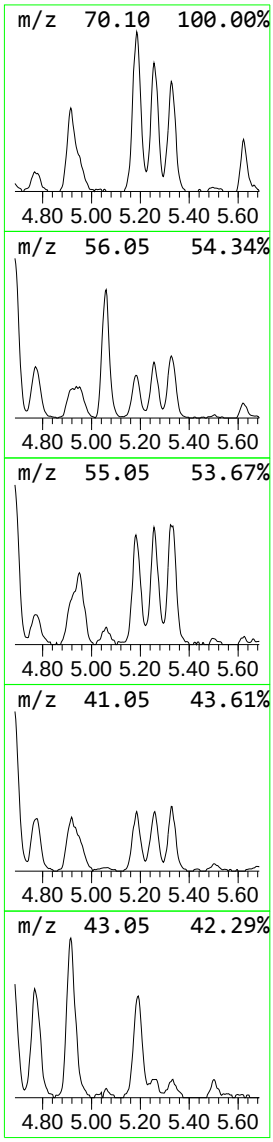
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.185	1.42 ug/L	140323	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methylene-	196	C14H28	019780-34-8	59
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	53
3	Octane, 3-methyl-6-methylene-	140	C10H20	074630-07-2	50
4	Hexanal, 3-methyl-	114	C7H14O	019269-28-4	50
5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026523.D
Acq On : 23 Jun 2022 18:44
Operator : SY/MD
Sample : N3400-11DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD8DL

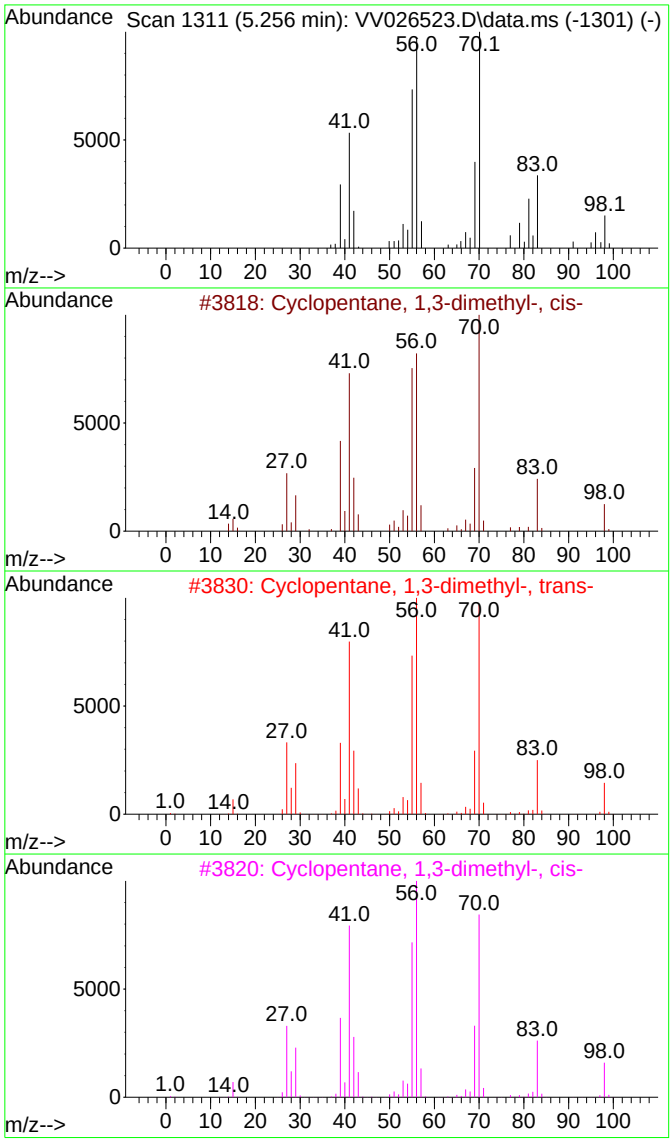
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

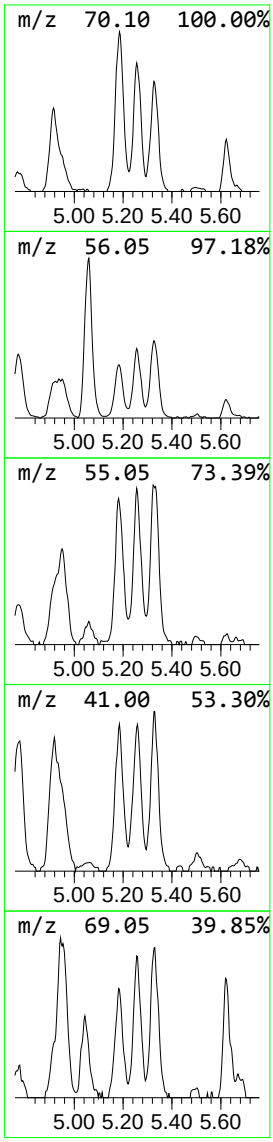
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic5.256 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.256	1.22 ug/L	120016	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	91
2	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	90
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	90
5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026523.D
Acq On : 23 Jun 2022 18:44
Operator : SY/MD
Sample : N3400-11DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD8DL

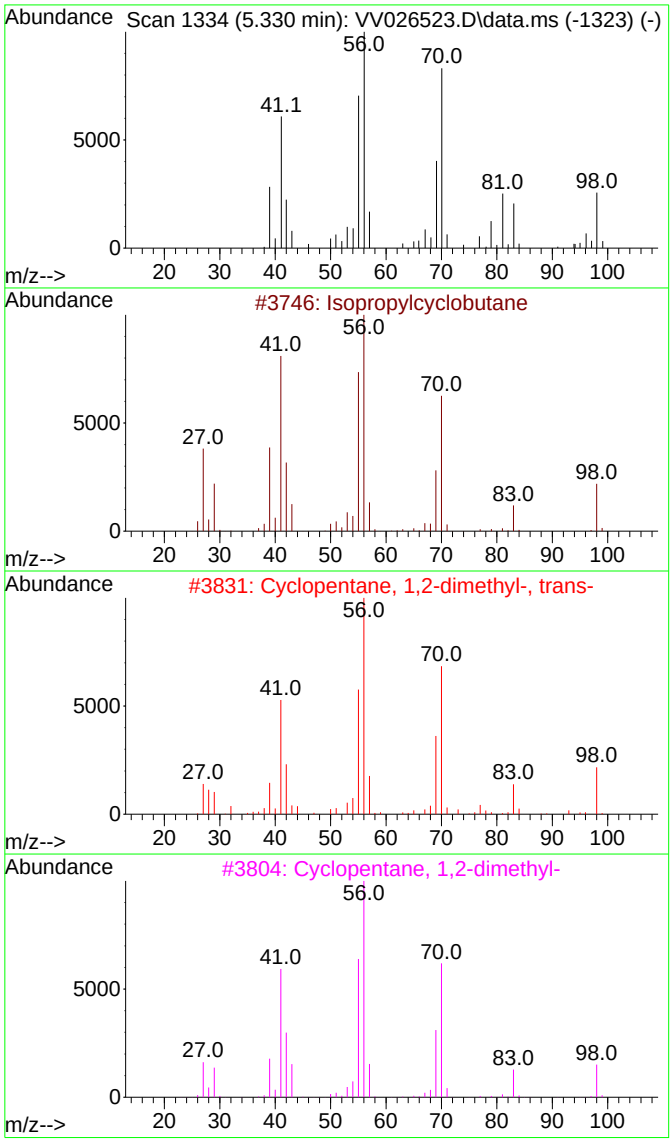
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

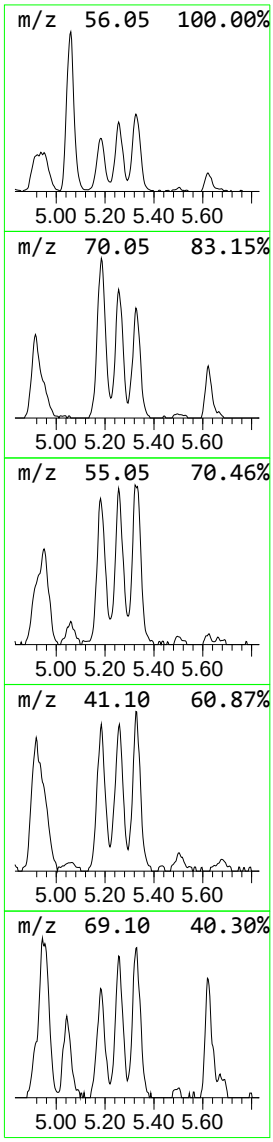
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic5.330 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.330	1.24 ug/L	122797	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	93
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	90
3	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	90
4	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	90
5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026523.D
Acq On : 23 Jun 2022 18:44
Operator : SY/MD
Sample : N3400-11DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD8DL

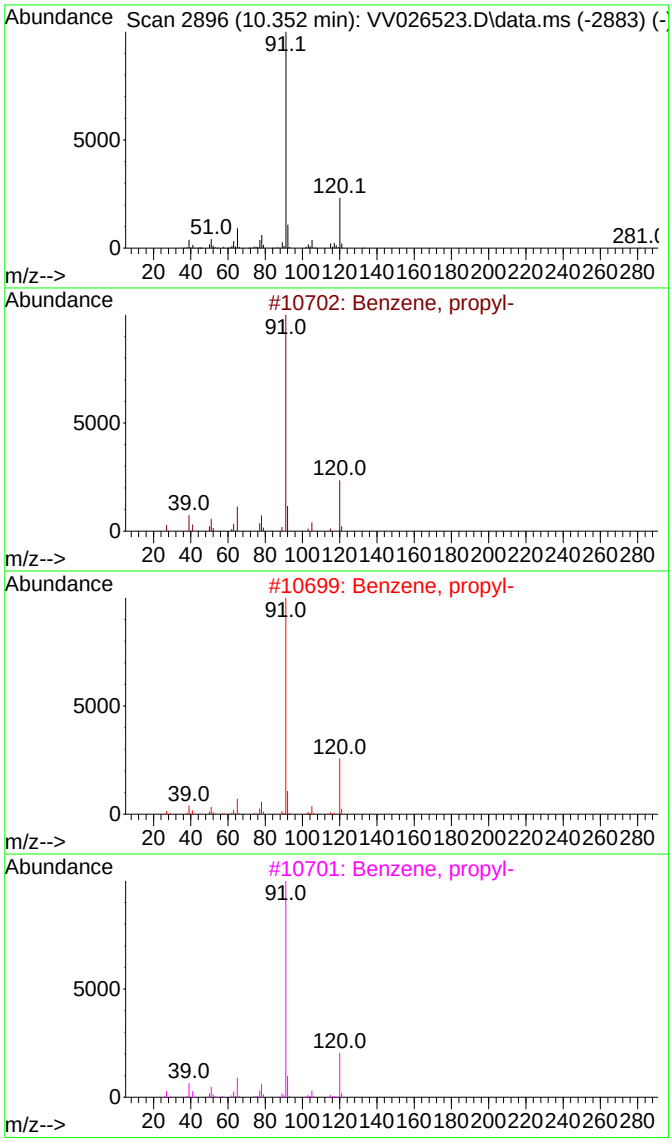
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

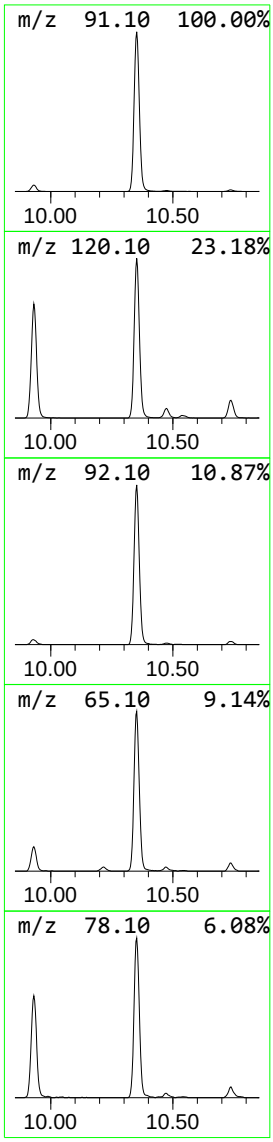
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.352	15.29 ug/L	1740770	1,4-Dichlorobenzene-d4	11.249

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	87
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83
5	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	72





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Data File : VV026523.D
Acq On : 23 Jun 2022 18:44
Operator : SY/MD
Sample : N3400-11DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD8DL

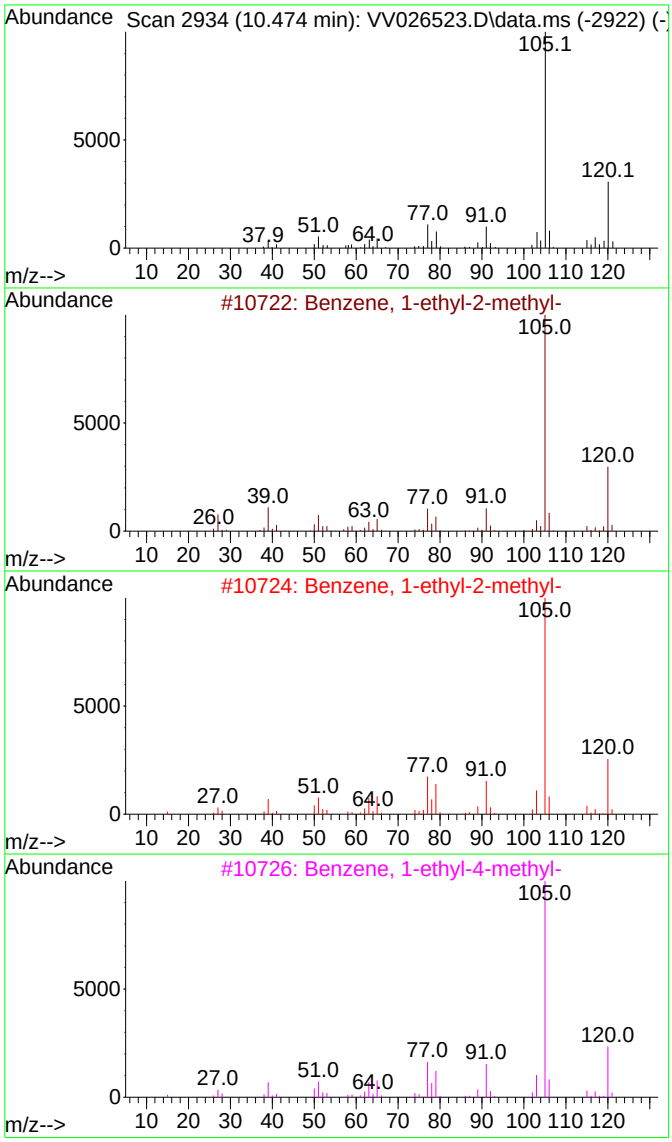
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

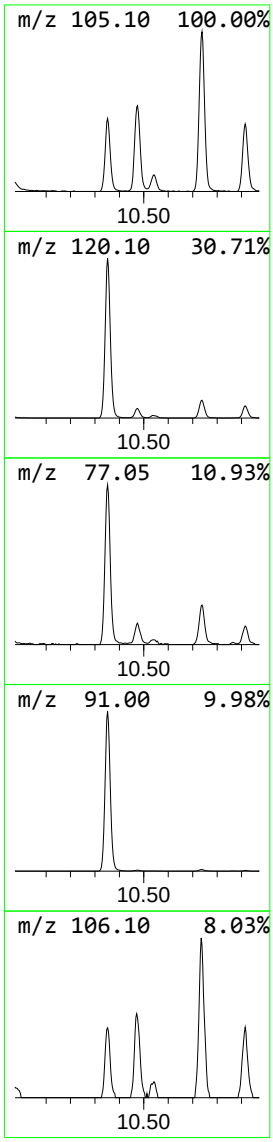
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.474	0.92 ug/L	104654	1,4-Dichlorobenzene-d4	11.249

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	93
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





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Acq On : 23 Jun 2022 18:44
Operator : SY/MD
Sample : N3400-11DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD8DL

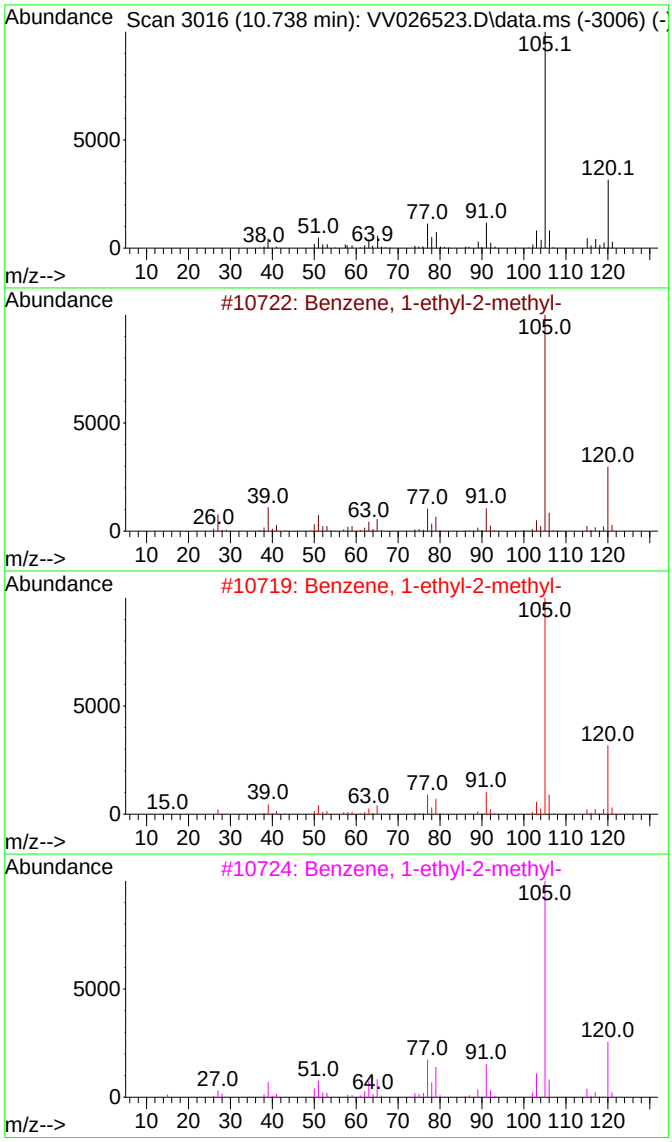
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

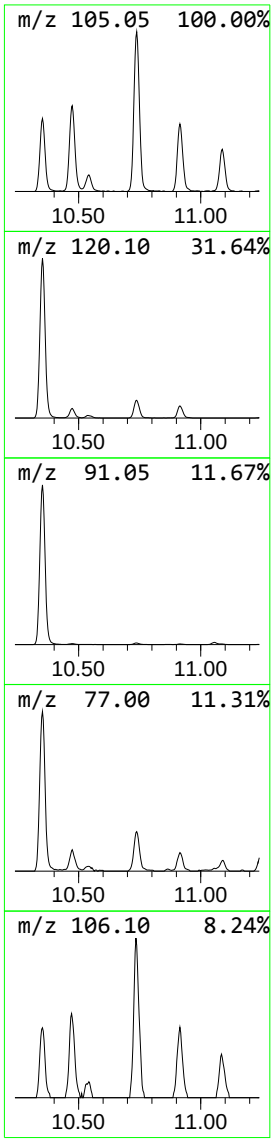
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethyl-4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.738	1.67 ug/L	190121	1,4-Dichlorobenzene-d4	11.249

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-2-methyl-	120	C9H12	000611-14-3	93
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Acq On : 23 Jun 2022 18:44
Operator : SY/MD
Sample : N3400-11DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD8DL

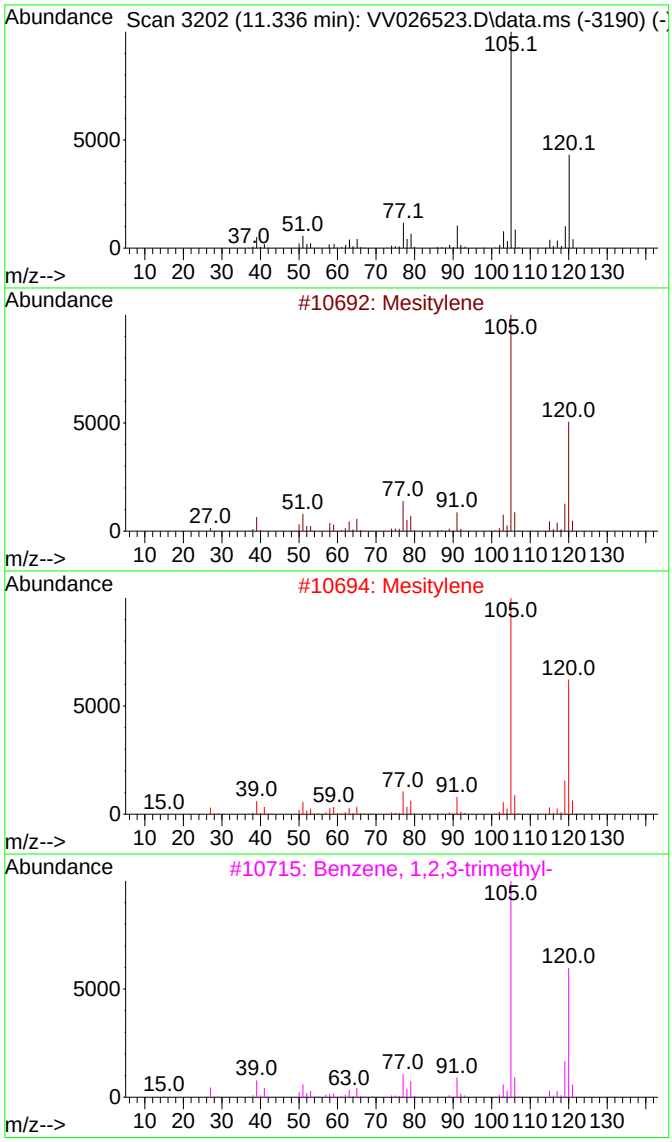
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

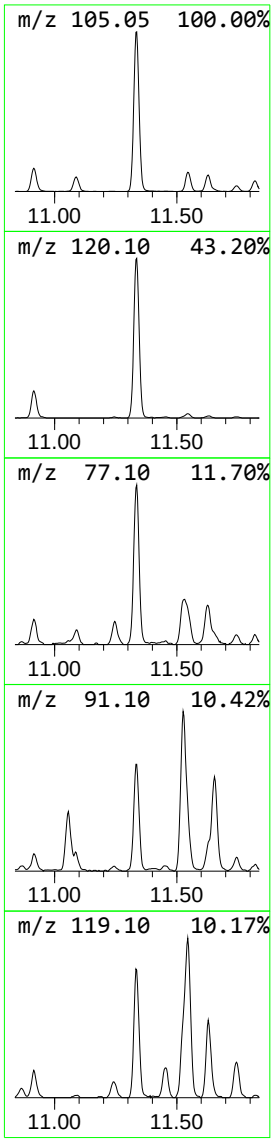
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.336	4.86 ug/L	553315	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Mesitylene	120	C9H12	000108-67-8	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





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Acq On : 23 Jun 2022 18:44
Operator : SY/MD
Sample : N3400-11DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD8DL

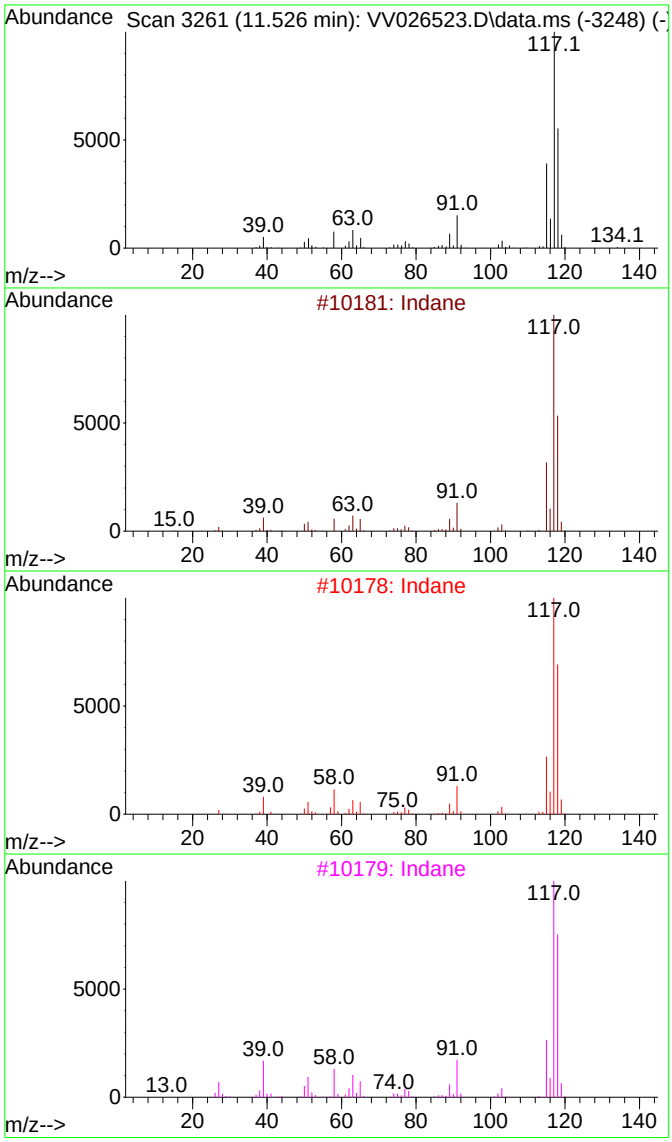
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

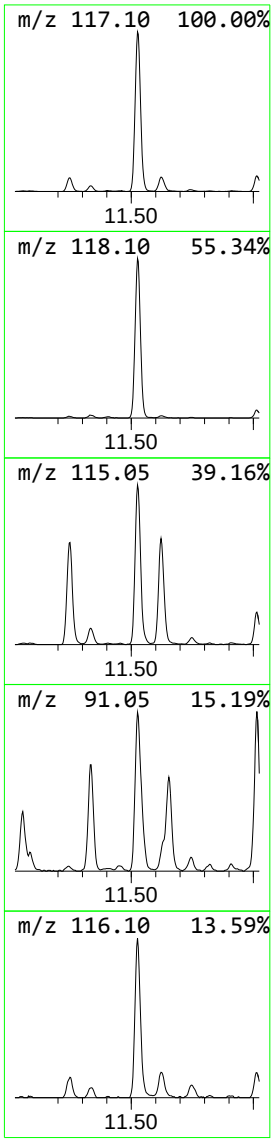
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.525	6.70 ug/L	763372	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Indane	118	C9H10	000496-11-7	90
3	Indane	118	C9H10	000496-11-7	76
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	64
5	Deltacyclene	118	C9H10	007785-10-6	64





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Acq On : 23 Jun 2022 18:44
Operator : SY/MD
Sample : N3400-11DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD8DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

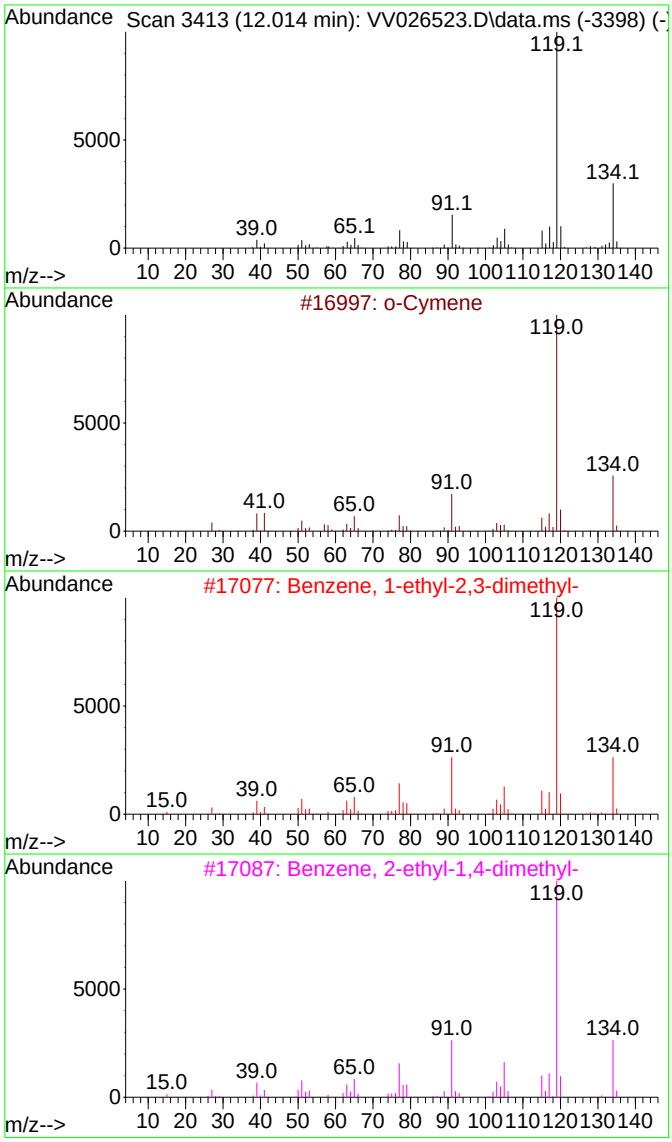
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

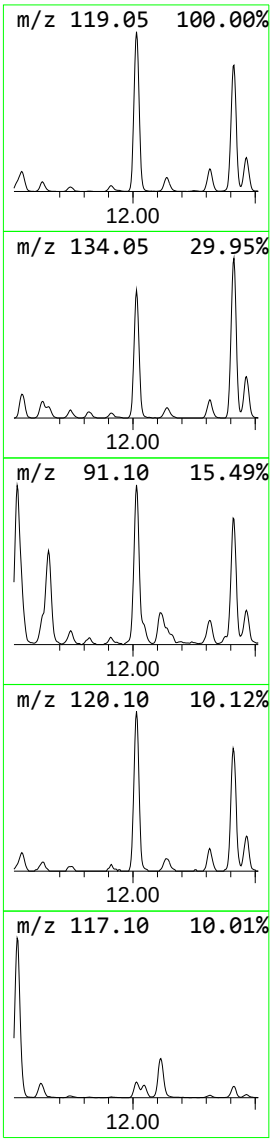
****

Peak Number 13 o-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.014	5.31 ug/L	604544	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95





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Acq On : 23 Jun 2022 18:44
Operator : SY/MD
Sample : N3400-11DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD8DL

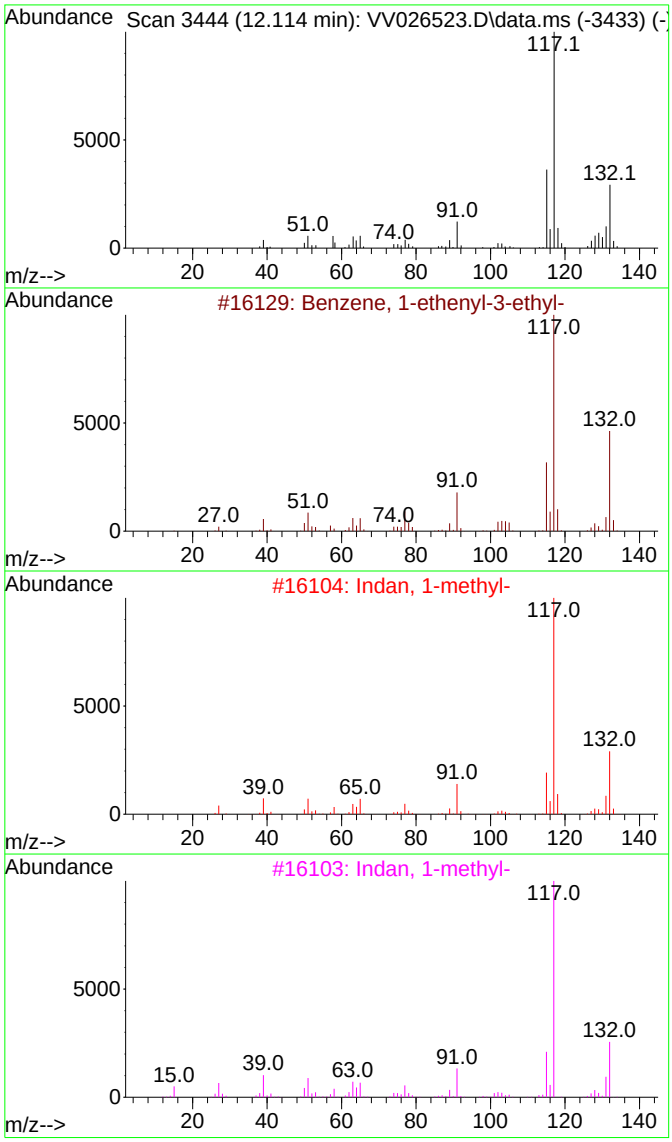
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

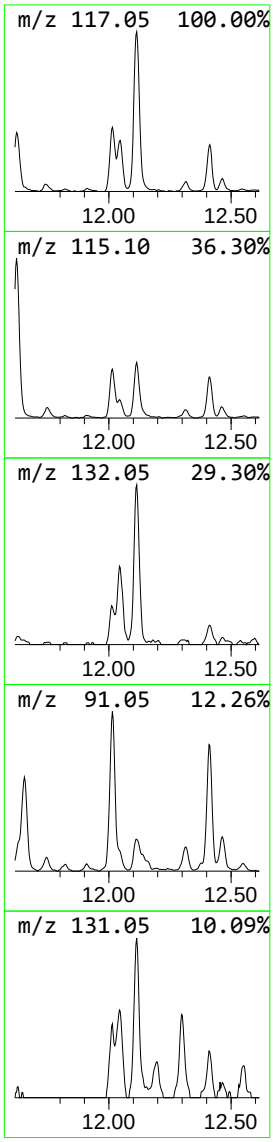
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.114	1.93 ug/L	219602	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	81
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	80





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Data File : VV026523.D
Acq On : 23 Jun 2022 18:44
Operator : SY/MD
Sample : N3400-11DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD8DL

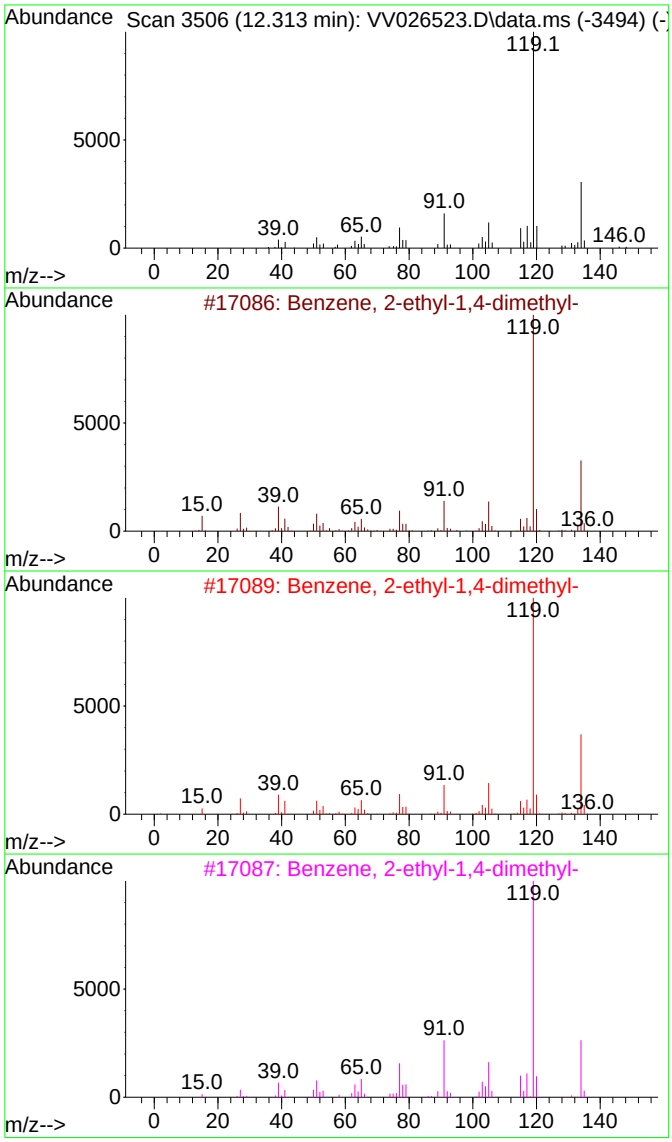
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

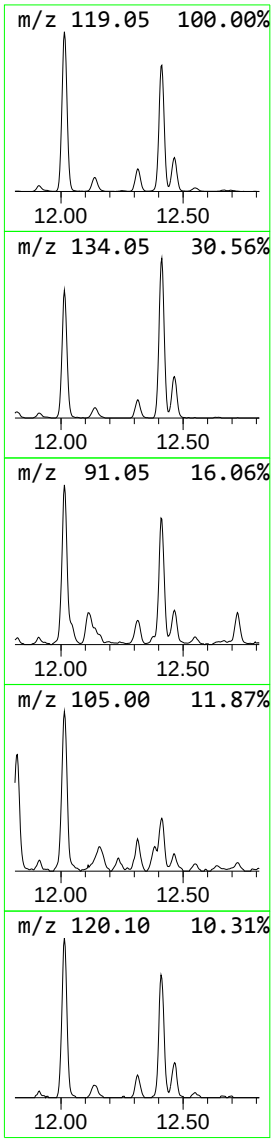
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.313	0.75 ug/L	85525	1,4-Dichlorobenzene-d4	11.249

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





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Data File : VV026523.D
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Operator : SY/MD
Sample : N3400-11DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD8DL

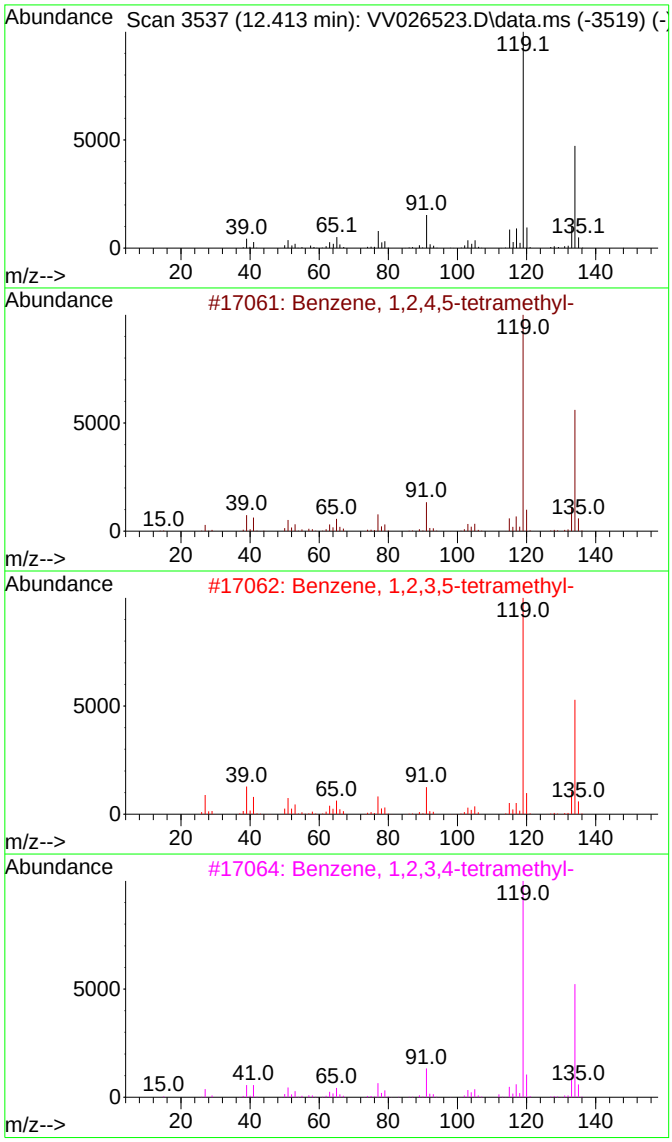
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

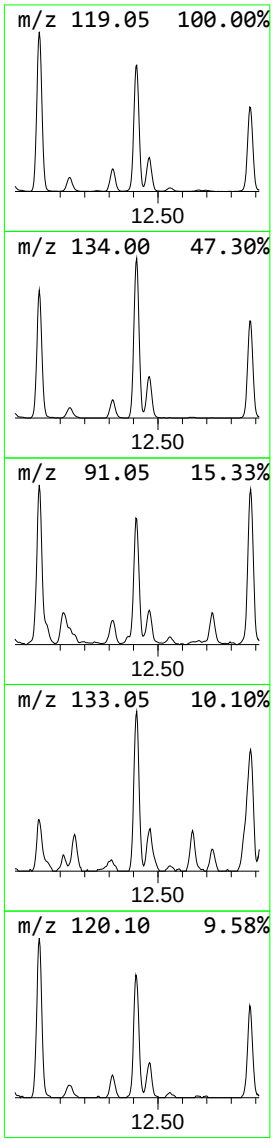
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.413	4.16 ug/L	473804	1,4-Dichlorobenzene-d4	11.249

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





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Data File : VV026523.D
Acq On : 23 Jun 2022 18:44
Operator : SY/MD
Sample : N3400-11DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD8DL

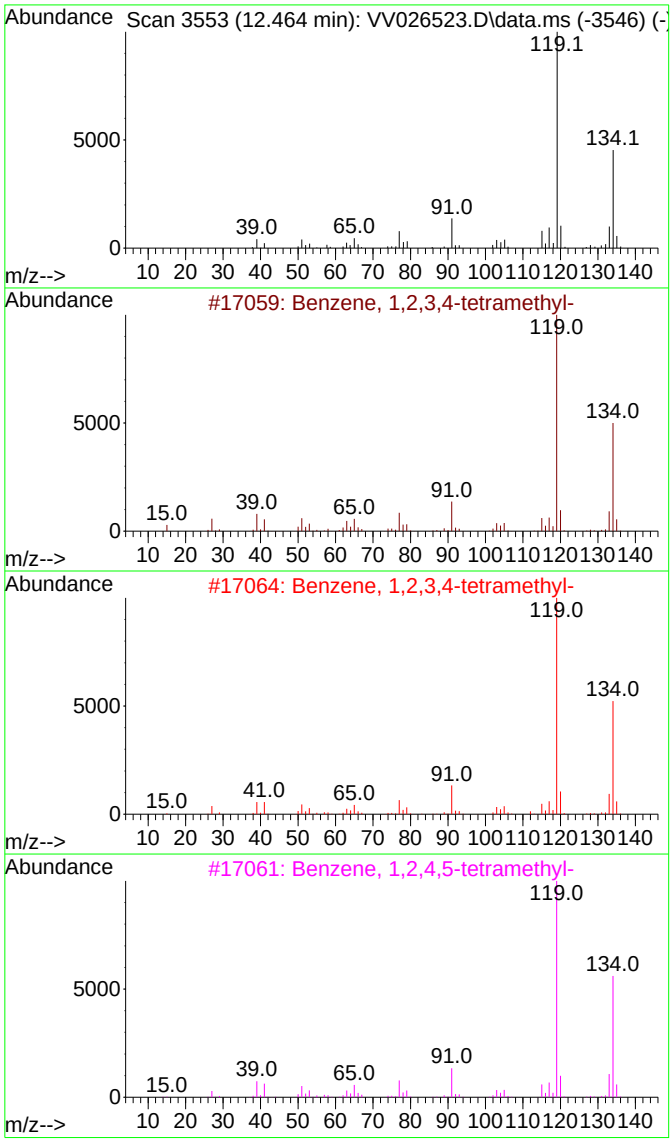
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

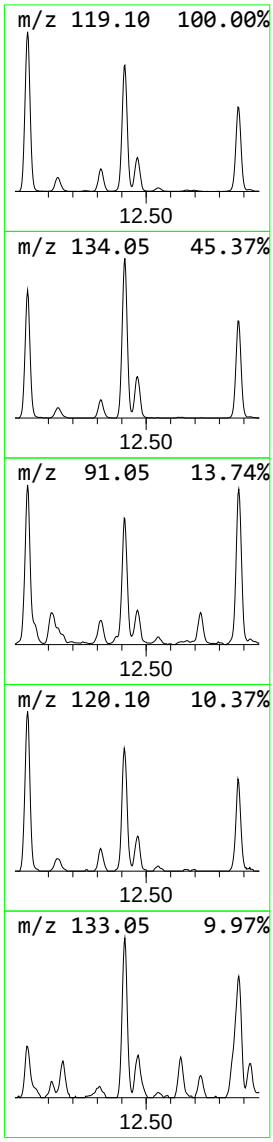
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.464	1.12 ug/L	127123	1,4-Dichlorobenzene-d4	11.249

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





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Acq On : 23 Jun 2022 18:44
Operator : SY/MD
Sample : N3400-11DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD8DL

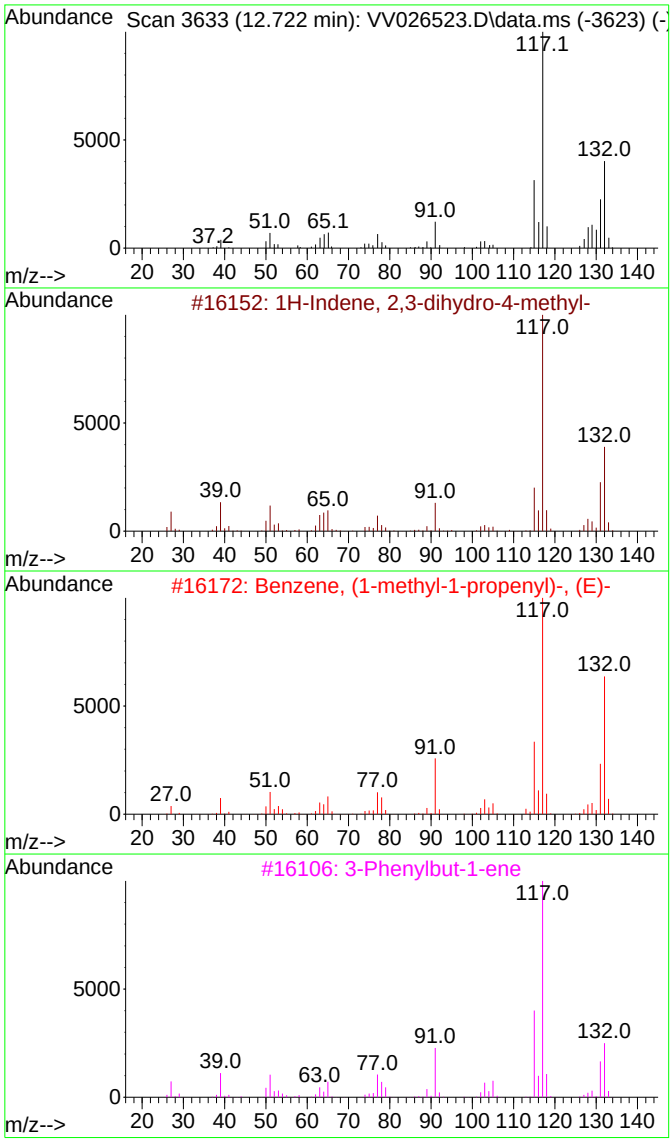
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

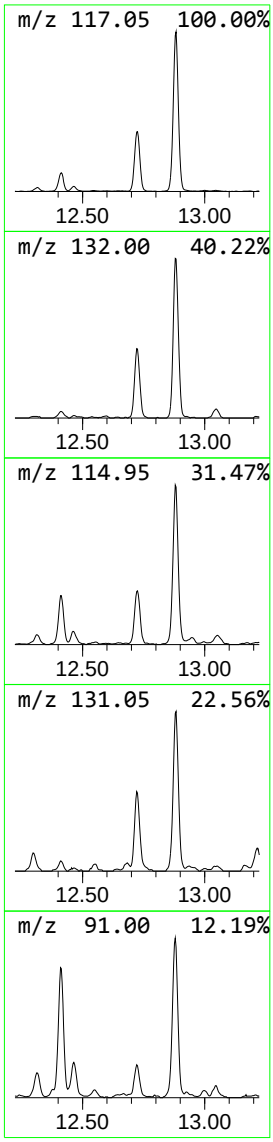
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.722	1.54 ug/L	175124	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	83
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81





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Data File : VV026523.D
Acq On : 23 Jun 2022 18:44
Operator : SY/MD
Sample : N3400-11DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD8DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

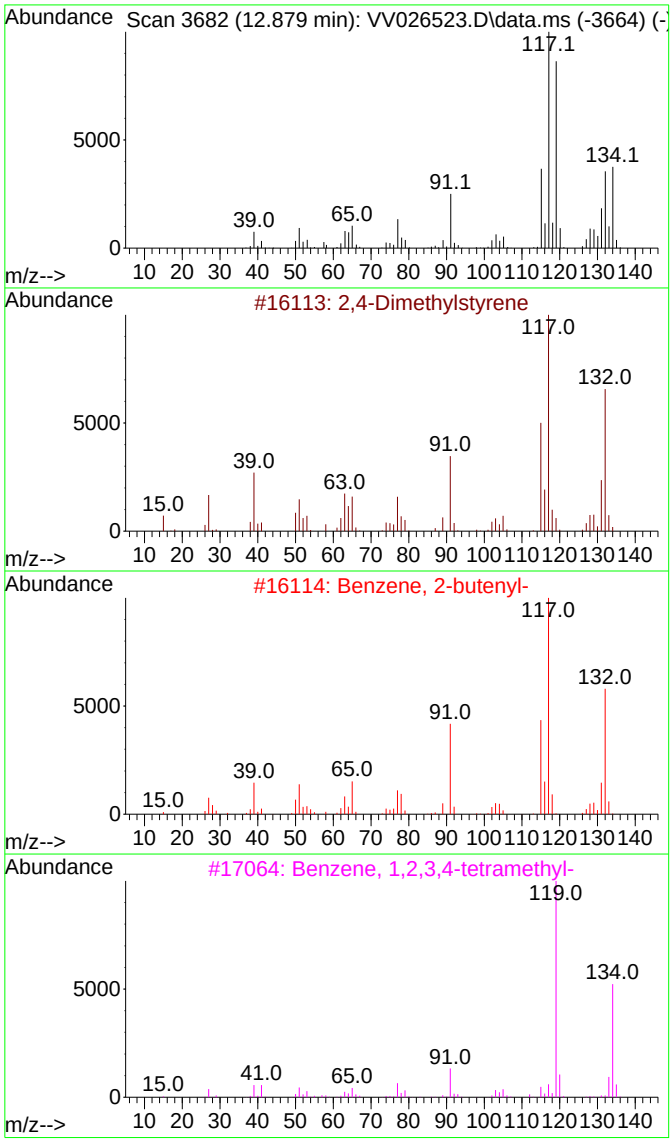
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

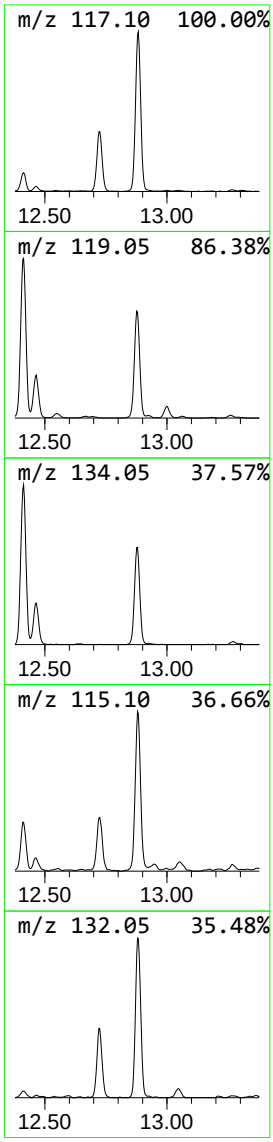
****

Peak Number 19 2,4-Dimethylstyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.879	6.20 ug/L	706084	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	74
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	50
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	50
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	50
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026523.D
Acq On : 23 Jun 2022 18:44
Operator : SY/MD
Sample : N3400-11DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD8DL

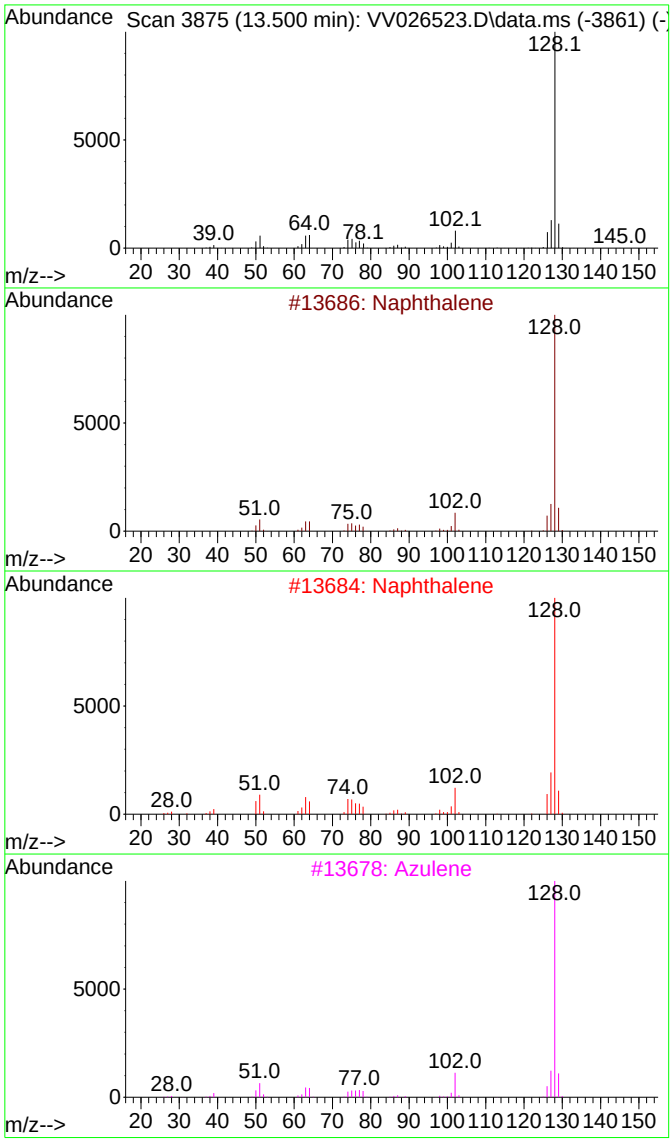
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

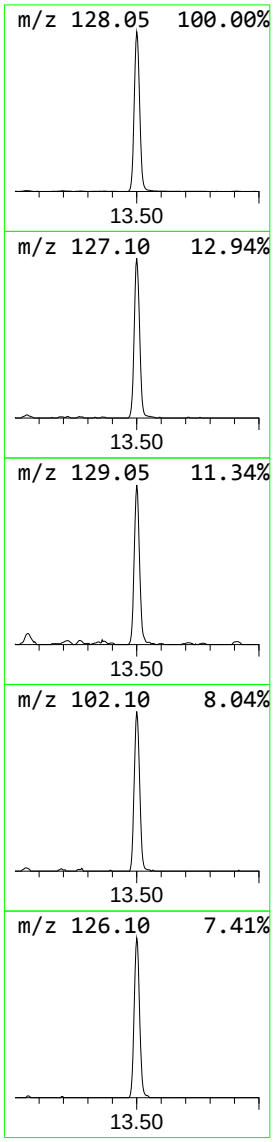
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Azulene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.500	5.75 ug/L	654520	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Naphthalene	128	C10H8	000091-20-3	94
3	Azulene	128	C10H8	000275-51-4	93
4	Naphthalene	128	C10H8	000091-20-3	93
5	Azulene	128	C10H8	000275-51-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026523.D
Acq On : 23 Jun 2022 18:44
Operator : SY/MD
Sample : N3400-11DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD8DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.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: C...	3.773	1.7	ug/L	172091	1	5.622	493331	5.0
(DEL) Alkane: S...	4.773	0.9	ug/L	87957	1	5.622	493331	5.0
(DEL) Alkane: S...	4.918	1.7	ug/L	163497	1	5.622	493331	5.0
(DEL) Alkane: S...	5.185	1.4	ug/L	140323	1	5.622	493331	5.0
(DEL) Alkane: C...	5.256	1.2	ug/L	120016	1	5.622	493331	5.0
(DEL) Alkane: C...	5.330	1.2	ug/L	122797	1	5.622	493331	5.0
Benzene, propyl-	10.352	15.3	ug/L	1740770	3	11.249	569407	5.0
Benzene, 1-ethy...	10.474	0.9	ug/L	104654	3	11.249	569407	5.0
Benzene, 1-ethy...	10.738	1.7	ug/L	190121	3	11.249	569407	5.0
Benzene, 1,2,3-...	11.336	4.9	ug/L	553315	3	11.249	569407	5.0
Indane	11.525	6.7	ug/L	763372	3	11.249	569407	5.0
o-Cymene	12.014	5.3	ug/L	604544	3	11.249	569407	5.0
Benzene, 1-ethe...	12.114	1.9	ug/L	219602	3	11.249	569407	5.0
Benzene, 2-ethy...	12.313	0.8	ug/L	85525	3	11.249	569407	5.0
Benzene, 1,2,4,...	12.413	4.2	ug/L	473804	3	11.249	569407	5.0
Benzene, 1,2,3,...	12.464	1.1	ug/L	127123	3	11.249	569407	5.0
1H-Indene, 2,3-...	12.722	1.5	ug/L	175124	3	11.249	569407	5.0
2,4-Dimethylsty...	12.879	6.2	ug/L	706084	3	11.249	569407	5.0
Azulene	13.500	5.8	ug/L	654520	3	11.249	569407	5.0