LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026525.D
Acq On : 23 Jun 2022 19:32
Operator : SY/MD
Sample : N3400-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA3

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: VV026525.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.314	77	85	100	rVB	126270	149926	3.90%	0.569%
2	1.574	159	166	178	rVB	103002	125294	3.26%	0.475%
3	2.114	324	334	355	rVB	214816	322731	8.39%	1.224%
4	2.767	523	537	559	rVB2	45082	92472	2.40%	0.351%
5	3.770	829	849	873	rBV	152904	394135	10.24%	1.495%
6	3.924	886	897	931	rBV2	32668	148084	3.85%	0.562%
7	4.355	1015	1031	1061	rVB2	116770	296929	7.72%	1.126%
8	4.683	1112	1133	1150	rBV3	141155	357644	9.30%	1.356%
9	4.950	1198	1216	1232	rBV4	18085	46439	1.21%	0.176%
10	5.053	1232	1248	1257	rBV2	286194	678770	17.64%	2.574%
11	5.104	1258	1264	1279	rVV	218542	459627	11.95%	1.743%
12	5.178	1281	1287	1301	rVV4	28655	64718	1.68%	0.245%
13	5.256	1301	1311	1323	rVV4	25612	61043	1.59%	0.231%
14	5.326	1323	1333	1347	rVB4	24526	55524	1.44%	0.211%
15	5.622	1413	1425	1450	rBV	240242	497733	12.94%	1.888%
16	6.072	1551	1565	1573	rBV	150047	306608	7.97%	1.163%
17	6.133	1574	1584	1615	rVB	232278	521086	13.54%	1.976%
18	6.992	1838	1851	1870	rBV	55462	110736	2.88%	0.420%
19	7.317	1942	1952	1971	rVB	323593	564108	14.66%	2.139%
20	8.091	2183	2193	2224	rBV	206525	433394	11.27%	1.644%
21	8.854	2419	2430	2447	rBV	344069	578406	15.03%	2.194%
22	9.133	2503	2517	2543	rVB	541128	861704	22.40%	3.268%
23	9.931	2751	2765	2789	rBV	315812	499750	12.99%	1.895%
24	10.217	2842	2854	2870	rBV	101524	164847	4.28%	0.625%
25	10.352	2885	2896	2915	rBV	238295	377483	9.81%	1.432%
26	10.915	3061	3071	3088	rVB	108898	164021	4.26%	0.622%
27	11.056	3109	3115	3119	rVV	29482	44163	1.15%	0.167%
28	11.085	3119	3124	3138	rVB	48110	74664	1.94%	0.283%
29	11.249	3163	3175	3189	rBV	361513	556108	14.46%	2.109%
30	11.333	3190	3201	3217	rVB	1036753	1524947	39.64%	5.783%
31	11.451	3229	3238	3249	rVV2	46263	67568	1.76%	0.256%
32	11.525	3249	3261	3281	rVV2	1326488	2490494	64.74%	9.445%
33	11.625	3281	3292	3318	rVV4	455328	896918	23.31%	3.401%
34	11.744	3318	3329	3346	rVB2	113458	178691	4.64%	0.678%
35	11.908	3369	3380	3397	rBV	95943	171194	4.45%	0.649%
36	12.014	3397	3413	3419	rVV	823111	1281356	33.31%	4.859%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026525.D
Acq On : 23 Jun 2022 19:32
Operator : SY/MD
Sample : N3400-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA3

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	12.043	3419	3422	3433	rVV	409588	511846	13.30%	1.941%
38	12.114	3433	3444	3464	rVV2	599684	1244120	32.34%	4.718%
39	12.194	3465	3469	3476	rVB2	33072	40094	1.04%	0.152%
40	12.310	3491	3505	3518	rVB3	373404	681634	17.72%	2.585%
41	12.410	3518	3536	3545	rVV	775443	1202873	31.27%	4.562%
42	12.464	3545	3553	3569	rVB	871742	1280924	33.30%	4.858%
43	12.548	3569	3579	3591	rBV2	93385	135518	3.52%	0.514%
44	12.641	3598	3608	3613	rBV	29319	44648	1.16%	0.169%
45	12.683	3613	3621	3625	rVV	57960	93954	2.44%	0.356%
46	12.722	3625	3633	3651	rVB	384903	603163	15.68%	2.287%
47	12.879	3662	3682	3695	rBV2	2528101	3847098	100.00%	14.590%
48	12.998	3713	3719	3725	rBV	28332	40415	1.05%	0.153%
49	13.046	3725	3734	3752	rVB4	143583	257838	6.70%	0.978%
50	13.172	3759	3773	3777	rBV4	20935	41422	1.08%	0.157%
51	13.210	3779	3785	3793	rVB2	38255	59014	1.53%	0.224%
52	13.265	3793	3802	3809	rBV2	86352	137327	3.57%	0.521%
53	13.365	3829	3833	3839	rVV	36506	46881	1.22%	0.178%
54	13.397	3839	3843	3854	rVB	35845	48001	1.25%	0.182%
55	13.500	3860	3875	3886	rBV	245543	388149	10.09%	1.472%
56	13.705	3924	3939	3951	rBV7	17864	44504	1.16%	0.169%

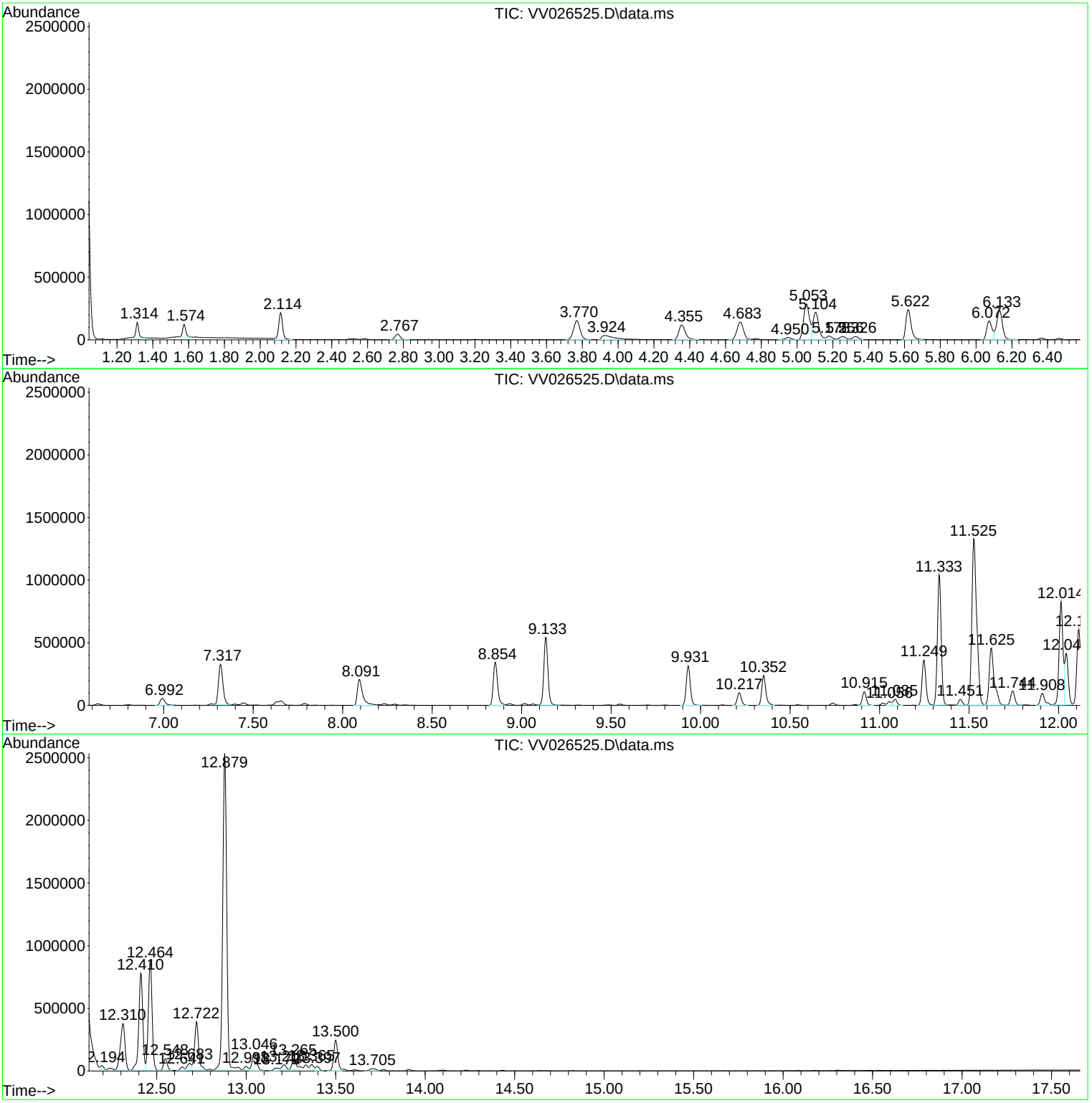
Sum of corrected areas: 26368738

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026525.D
Acq On : 23 Jun 2022 19:32
Operator : SY/MD
Sample : N3400-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA3

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 : VV026525.D
Acq On : 23 Jun 2022 19:32
Operator : SY/MD
Sample : N3400-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA3

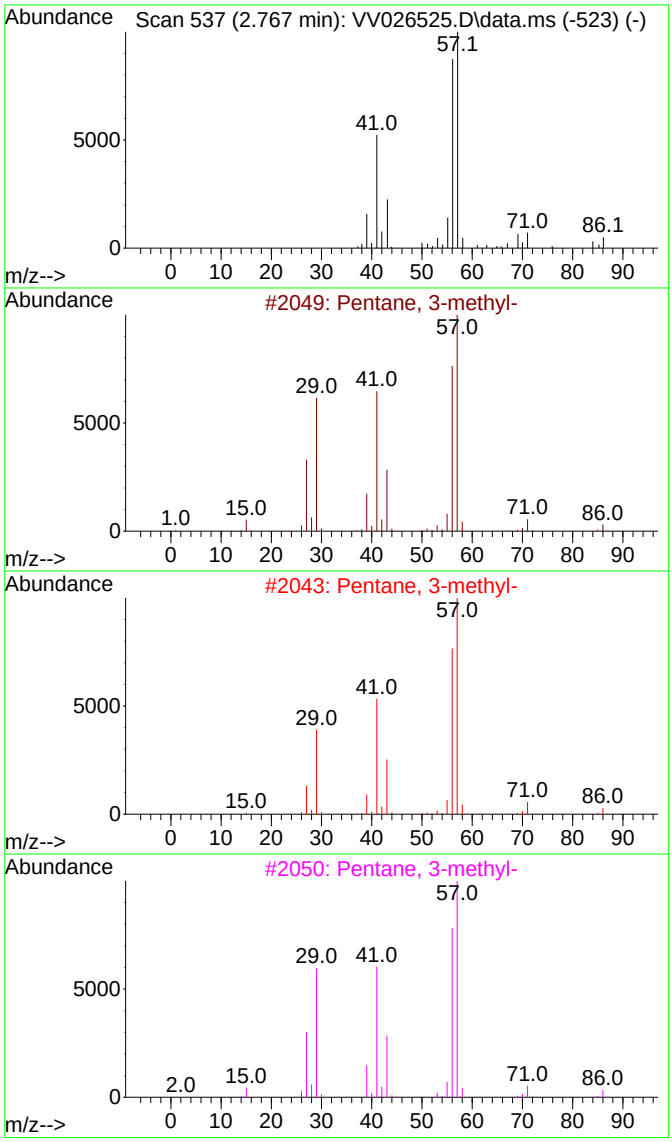
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

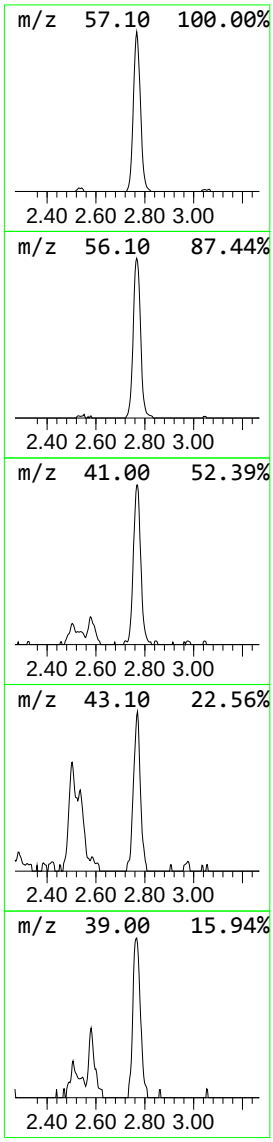
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.767	0.93 ug/L	92472	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
4	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	72
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026525.D
Acq On : 23 Jun 2022 19:32
Operator : SY/MD
Sample : N3400-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA3

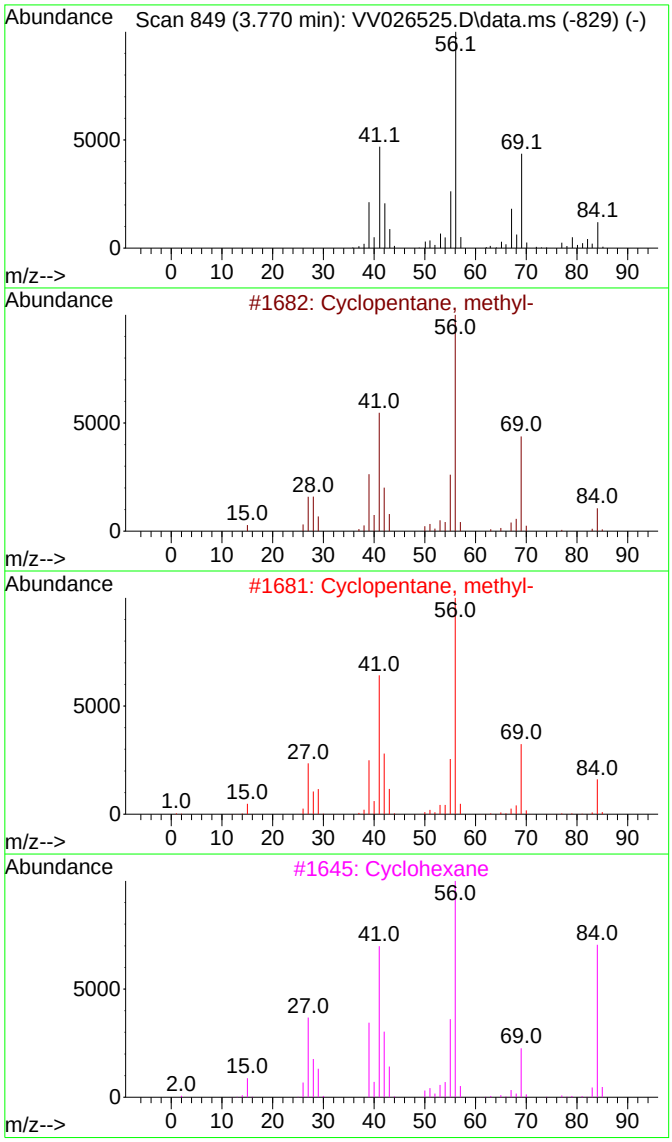
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

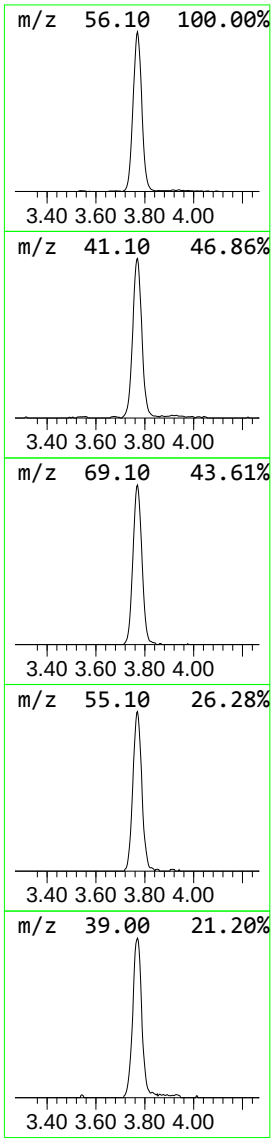
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic3.770 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.770	3.96 ug/L	394135	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	74
3	Cyclohexane	84	C6H12	000110-82-7	72
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026525.D
Acq On : 23 Jun 2022 19:32
Operator : SY/MD
Sample : N3400-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA3

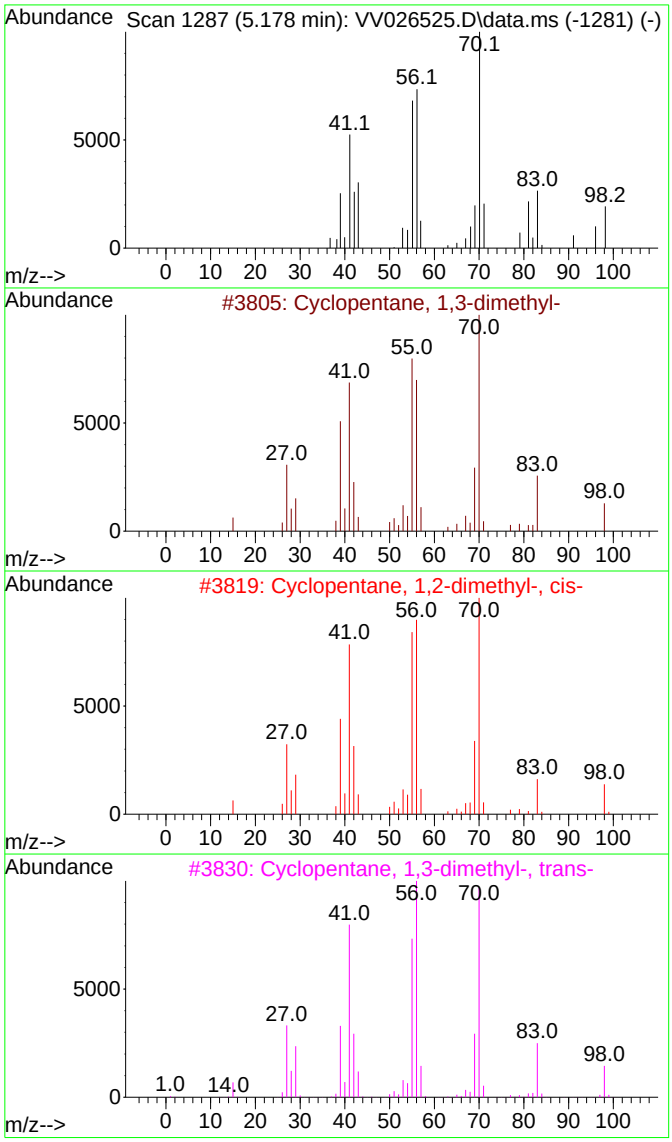
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

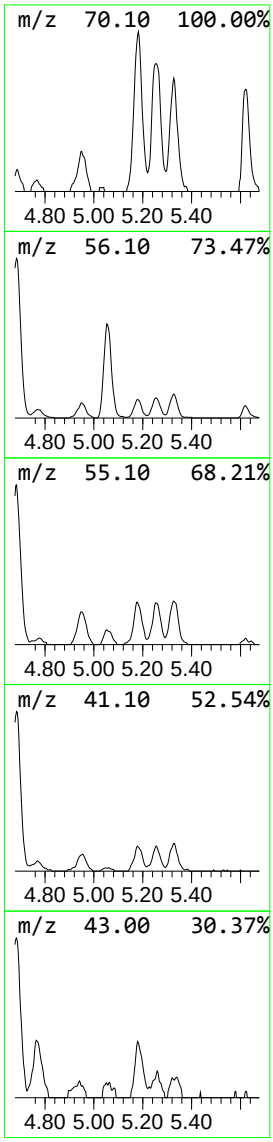
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic5.178 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.178	0.65 ug/L	64718	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	80
2	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	74
3	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	64
4	Isopropylcyclobutane	98	C7H14	000872-56-0	64
5	Cyclobutanone, 2,2-dimethyl-	98	C6H10O	001192-14-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026525.D
Acq On : 23 Jun 2022 19:32
Operator : SY/MD
Sample : N3400-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA3

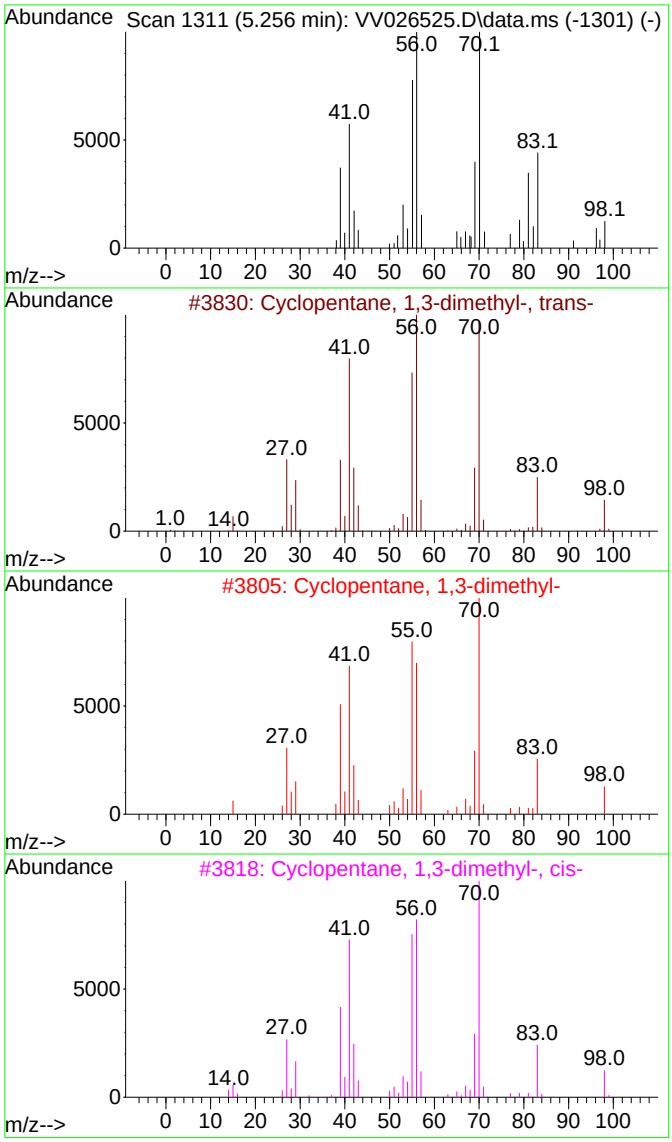
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

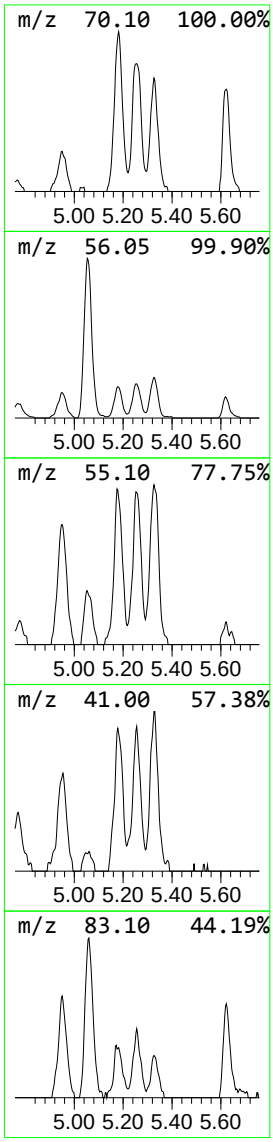
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic5.256 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.256	0.61 ug/L	61043	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	70
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	68
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	68
4	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	64
5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026525.D
Acq On : 23 Jun 2022 19:32
Operator : SY/MD
Sample : N3400-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA3

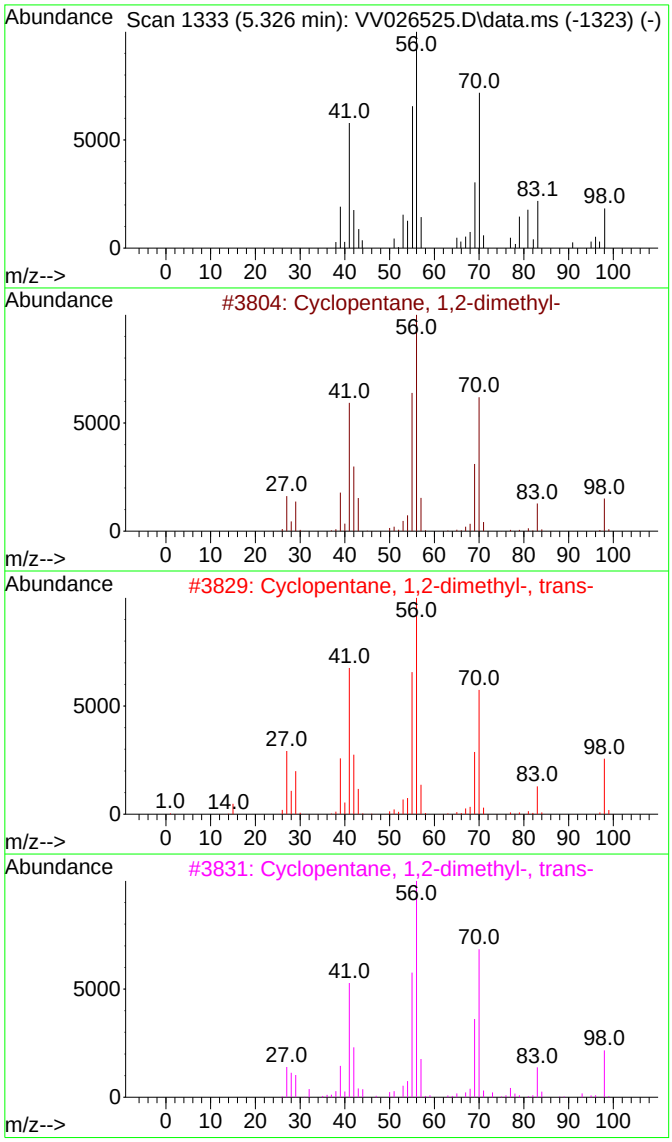
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

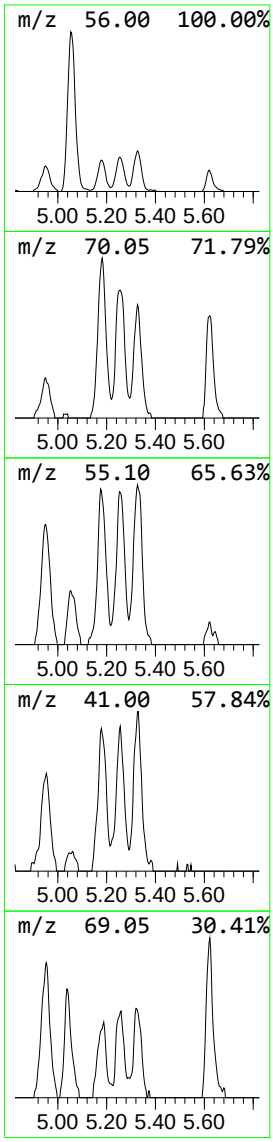
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic5.326 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.326	0.56 ug/L	55524	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	83
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	83
3	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	74
4	Isopropylcyclobutane	98	C7H14	000872-56-0	74
5	1-Heptene	98	C7H14	000592-76-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026525.D
Acq On : 23 Jun 2022 19:32
Operator : SY/MD
Sample : N3400-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA3

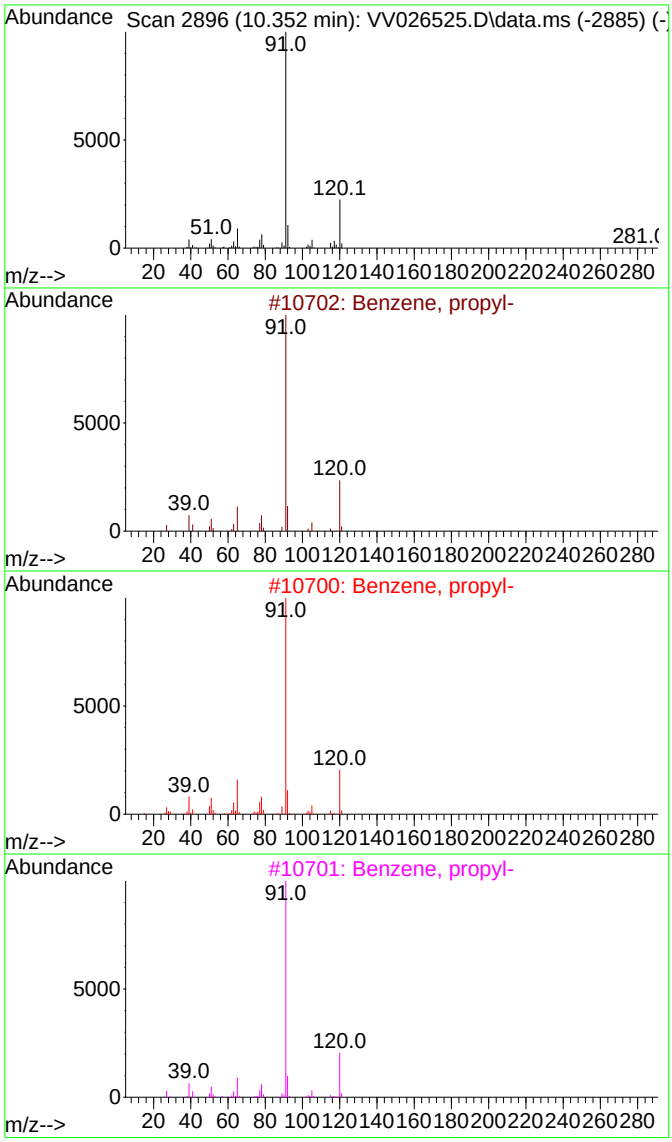
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

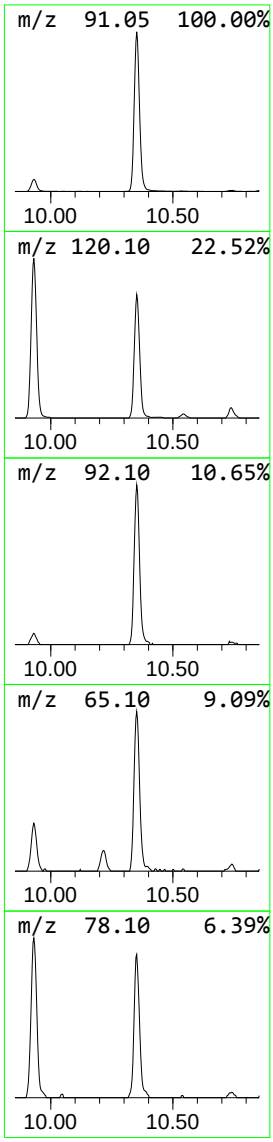
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.352	3.39 ug/L	377483	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	90
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	Benzene, propyl-	120	C9H12	000103-65-1	87
5	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026525.D
Acq On : 23 Jun 2022 19:32
Operator : SY/MD
Sample : N3400-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA3

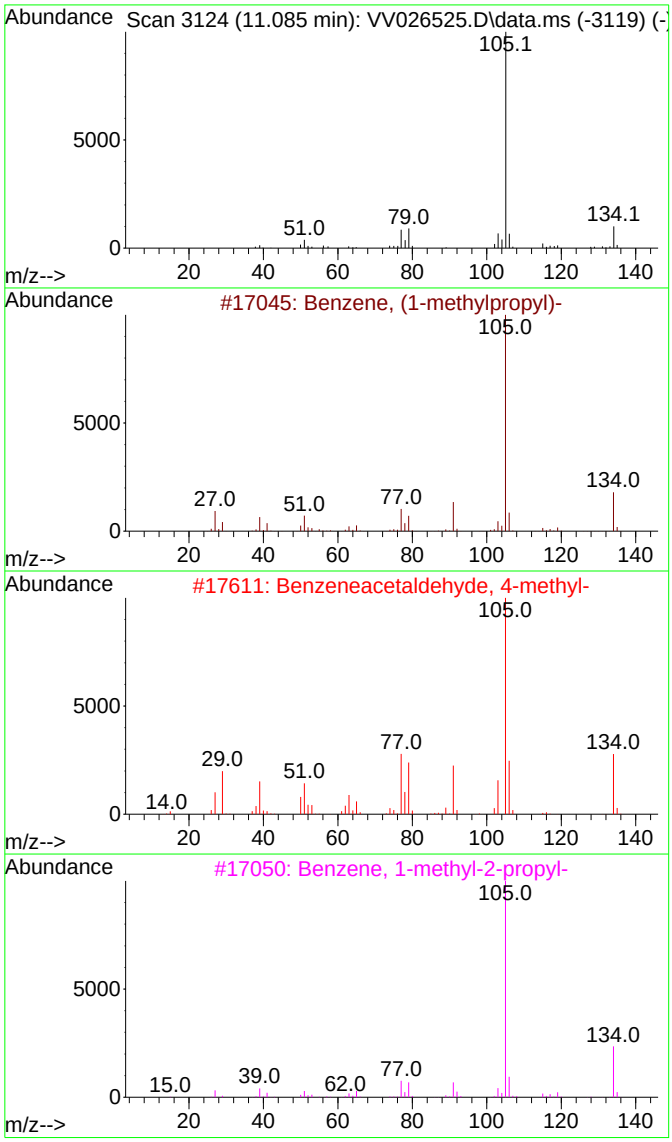
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

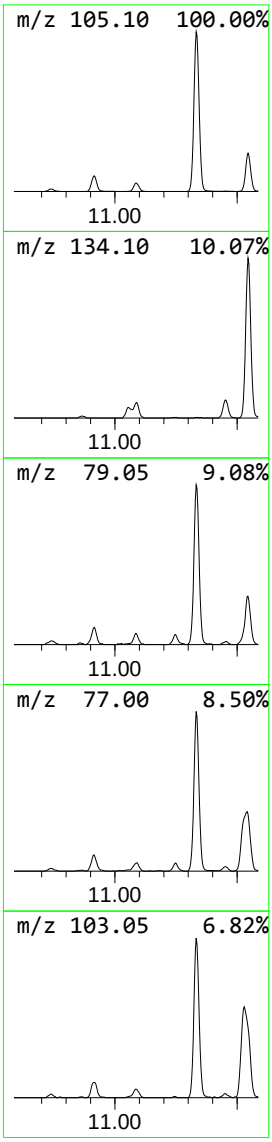
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, (1-methylpropyl)- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.085	0.67 ug/L	74664	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	86
2	Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	72
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	72
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	64
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026525.D
Acq On : 23 Jun 2022 19:32
Operator : SY/MD
Sample : N3400-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA3

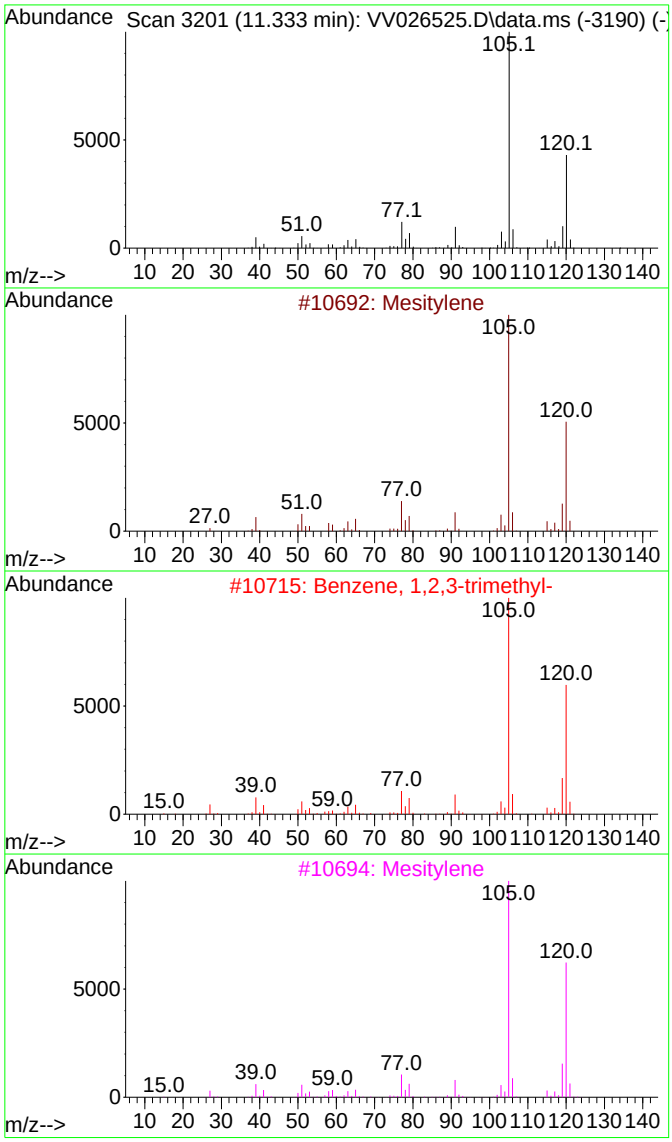
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

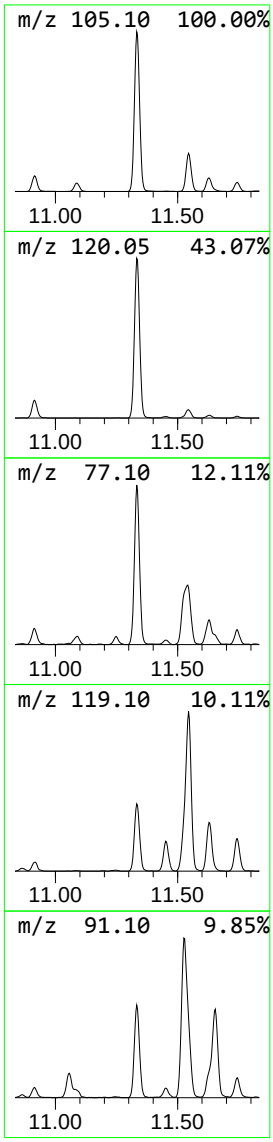
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.333	13.71 ug/L	1524950	1,4-Dichlorobenzene-d4	11.249

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	95
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	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026525.D
Acq On : 23 Jun 2022 19:32
Operator : SY/MD
Sample : N3400-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA3

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

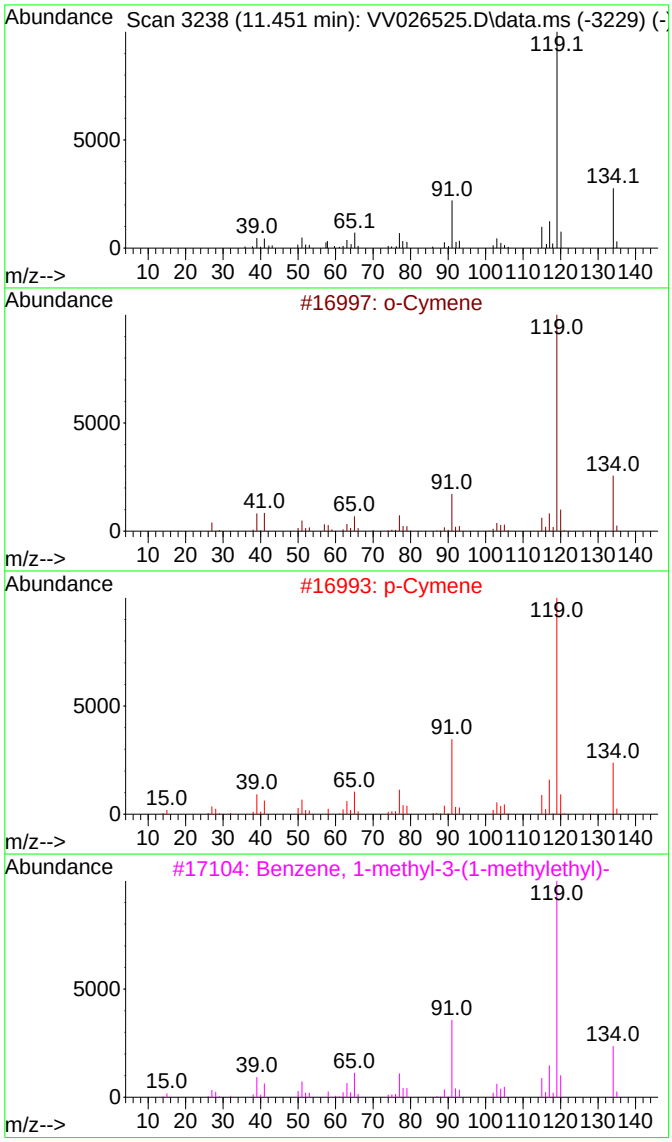
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

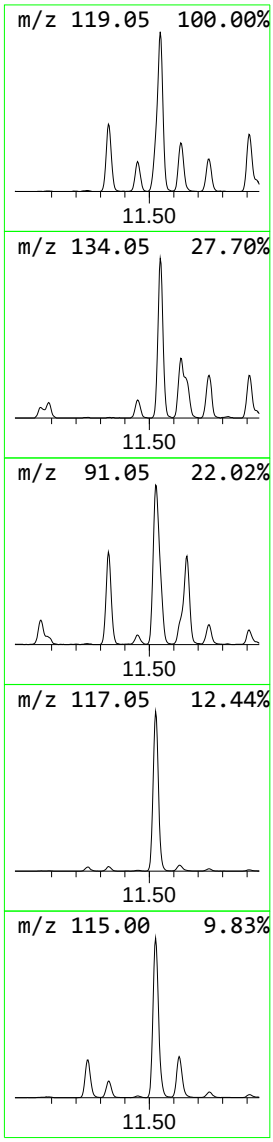
****

Peak Number 10 o-Cymene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.451	0.61 ug/L	67568	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	p-Cymene	134	C10H14	000099-87-6	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	p-Cymene	134	C10H14	000099-87-6	94





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Acq On : 23 Jun 2022 19:32
Operator : SY/MD
Sample : N3400-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA3

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

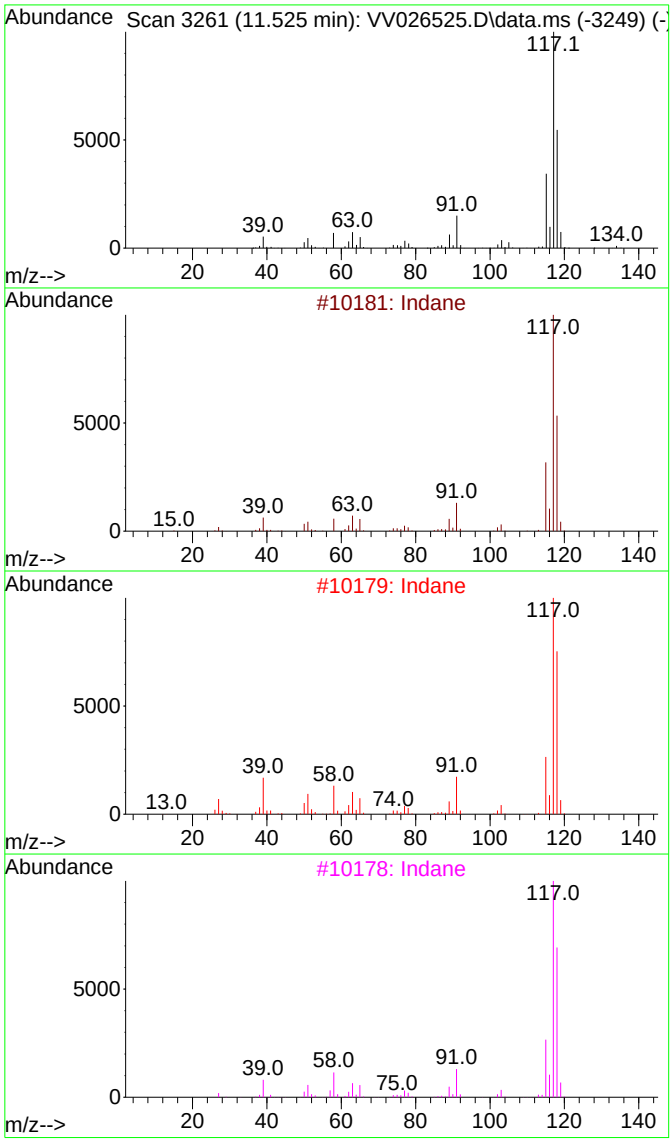
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

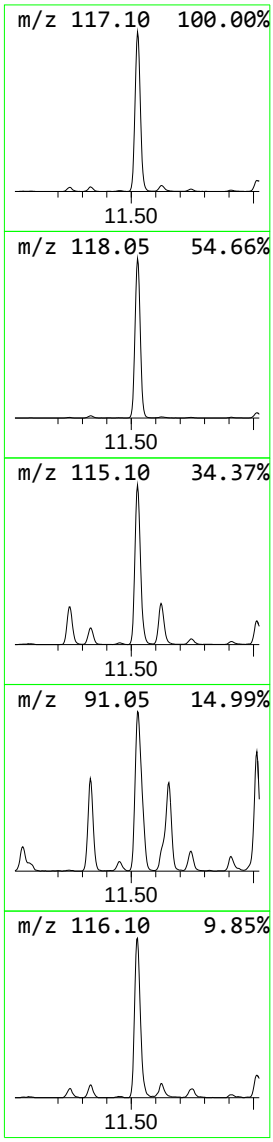
****

Peak Number 11 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.525	22.39 ug/L	2490490	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	91
3	Indane	118	C9H10	000496-11-7	87
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83





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Data File : VV026525.D
Acq On : 23 Jun 2022 19:32
Operator : SY/MD
Sample : N3400-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA3

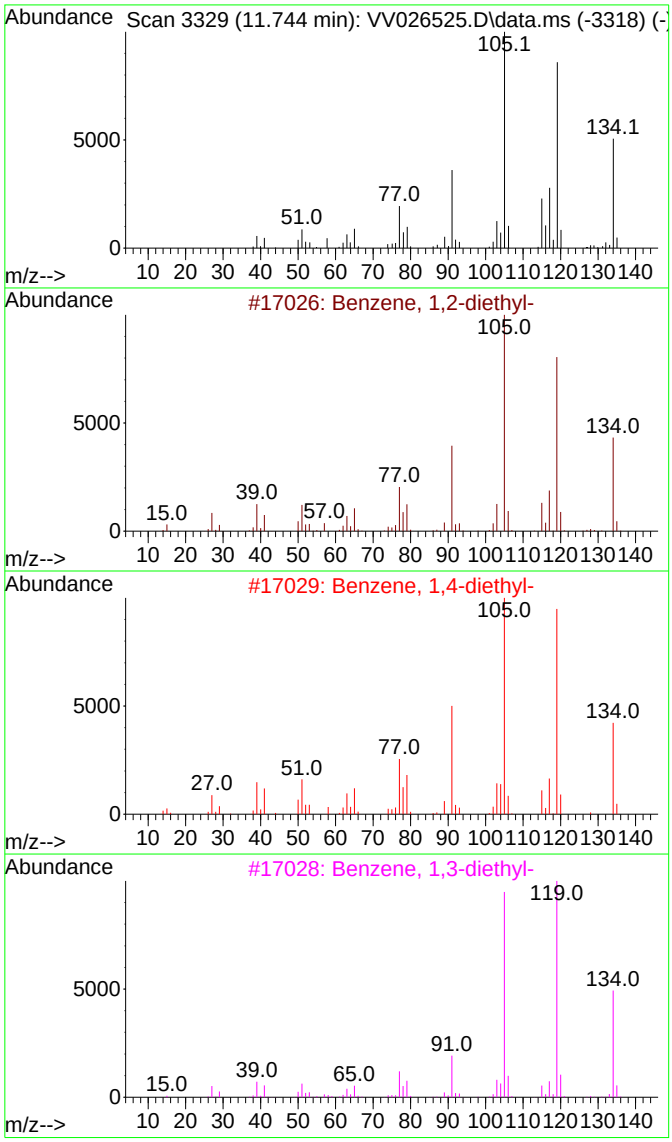
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

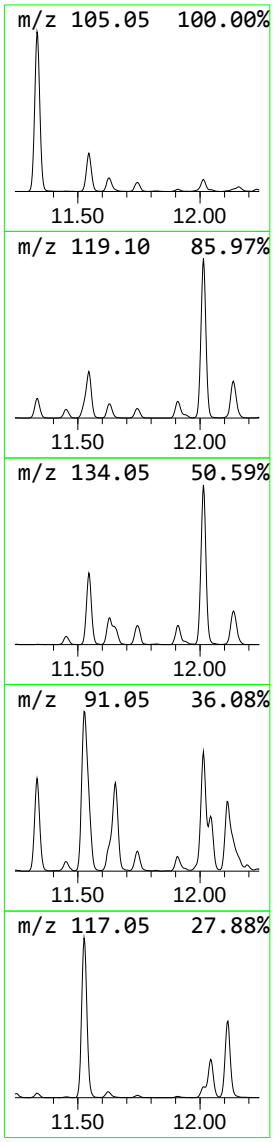
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.744	1.61 ug/L	178691	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	87
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	81
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	81
5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026525.D
Acq On : 23 Jun 2022 19:32
Operator : SY/MD
Sample : N3400-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA3

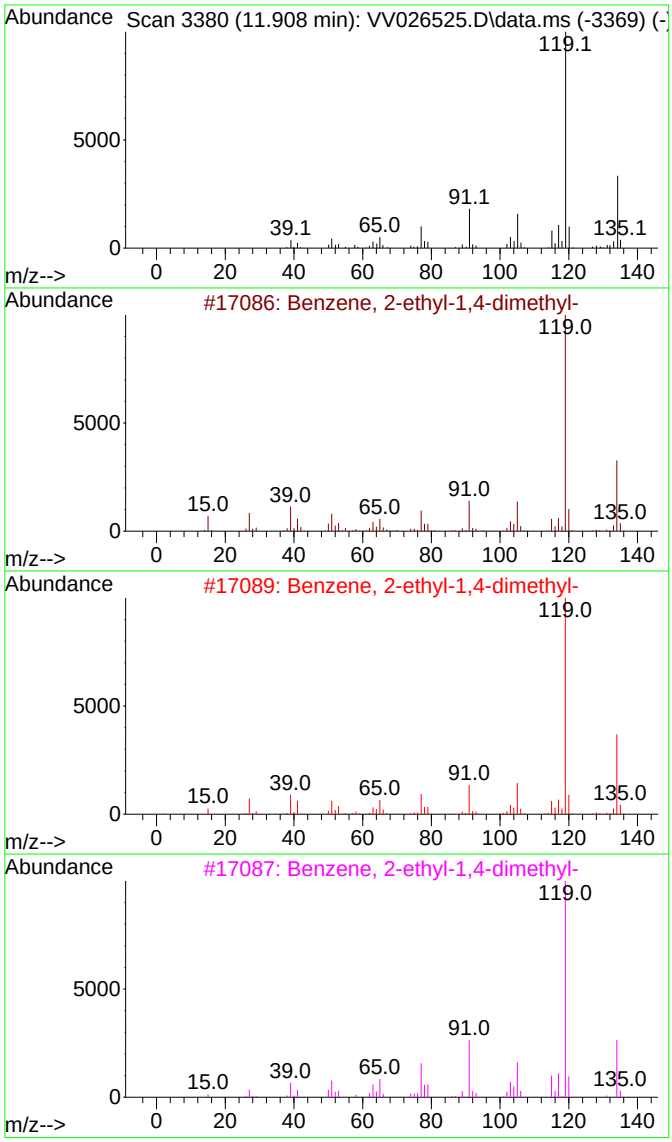
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

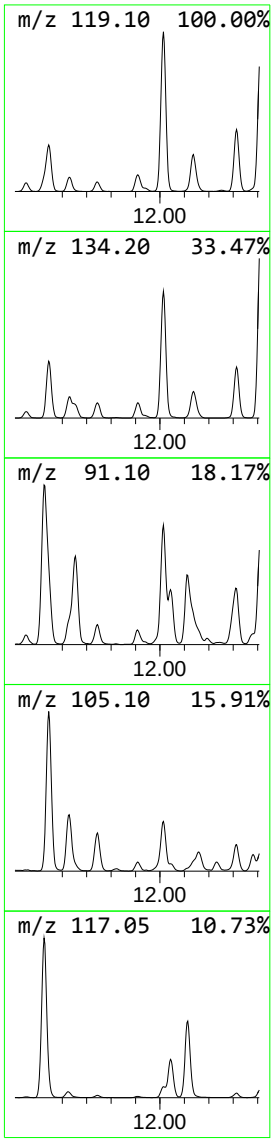
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.908	1.54 ug/L	171194	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	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95





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Data File : VV026525.D
Acq On : 23 Jun 2022 19:32
Operator : SY/MD
Sample : N3400-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA3

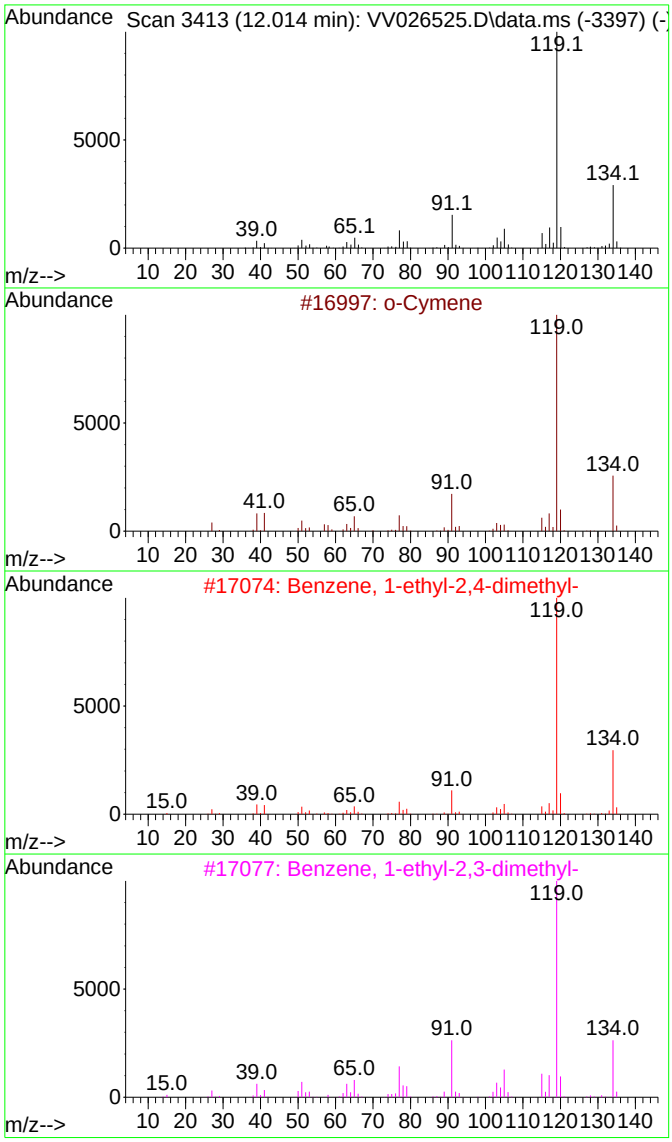
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

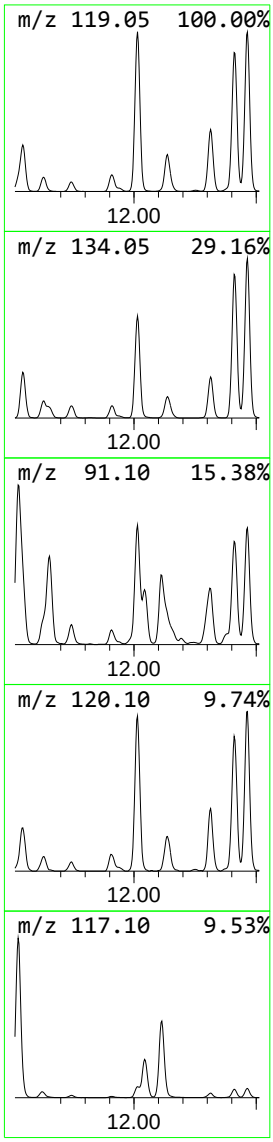
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.014	11.52 ug/L	1281360	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-2,4-dimethyl-	134	C10H14	000874-41-9	97
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





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Data File : VV026525.D
Acq On : 23 Jun 2022 19:32
Operator : SY/MD
Sample : N3400-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA3

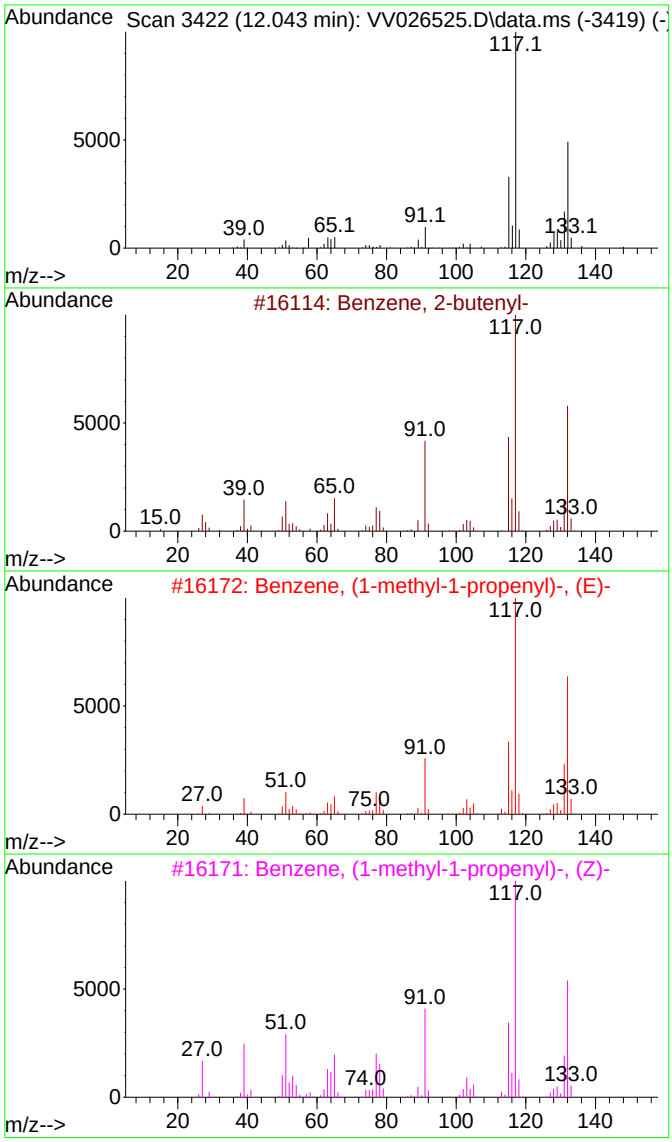
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

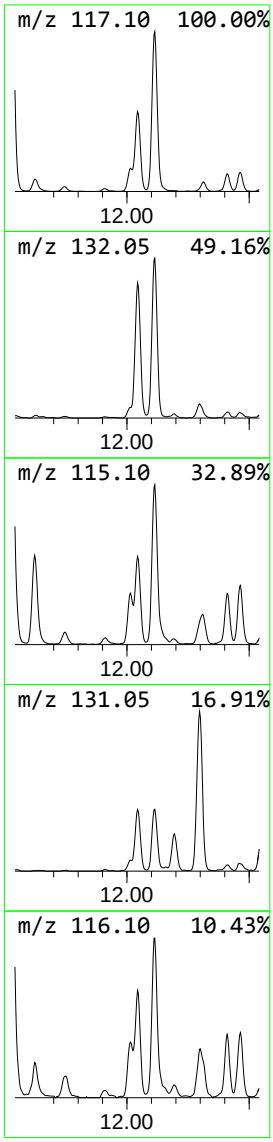
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 2-butenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.043	4.60 ug/L	511846	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	91
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
5	Benzene, (1-methylenepropyl)-	132	C10H12	002039-93-2	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026525.D
Acq On : 23 Jun 2022 19:32
Operator : SY/MD
Sample : N3400-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA3

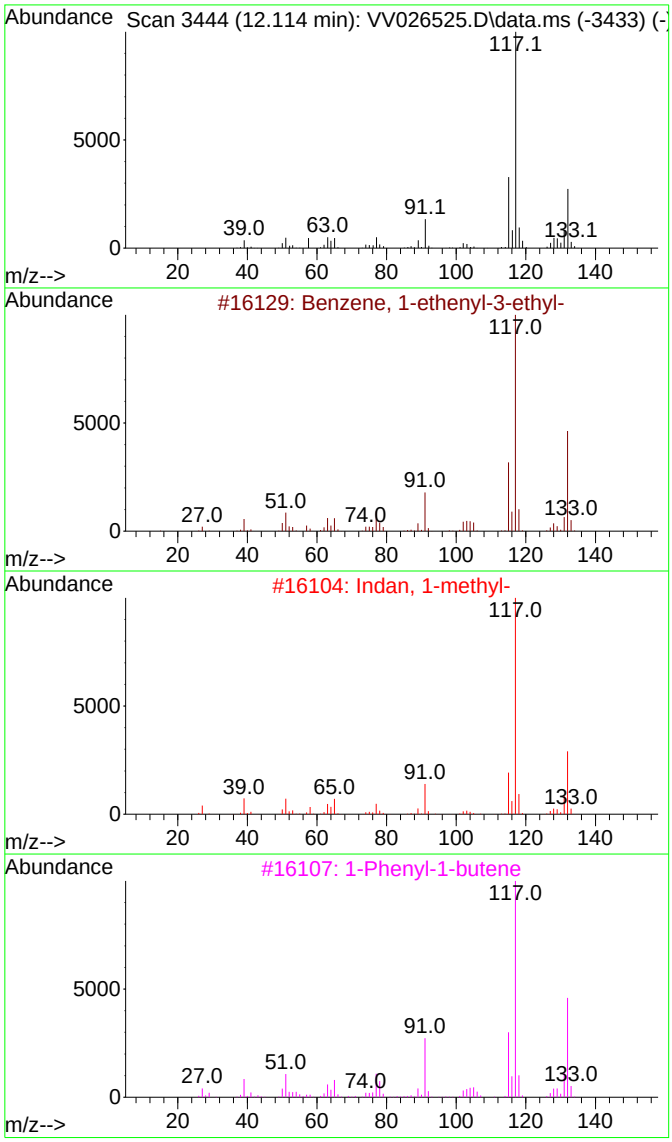
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

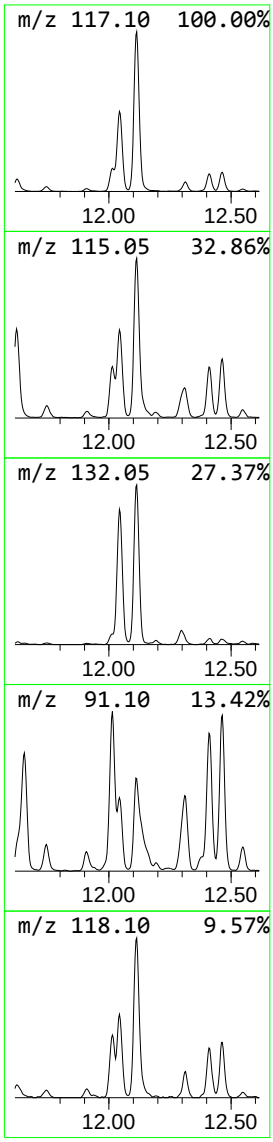
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.114	11.19 ug/L	1244120	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	91
2	Indan, 1-methyl-	132	C10H12	000767-58-8	90
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026525.D
Acq On : 23 Jun 2022 19:32
Operator : SY/MD
Sample : N3400-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA3

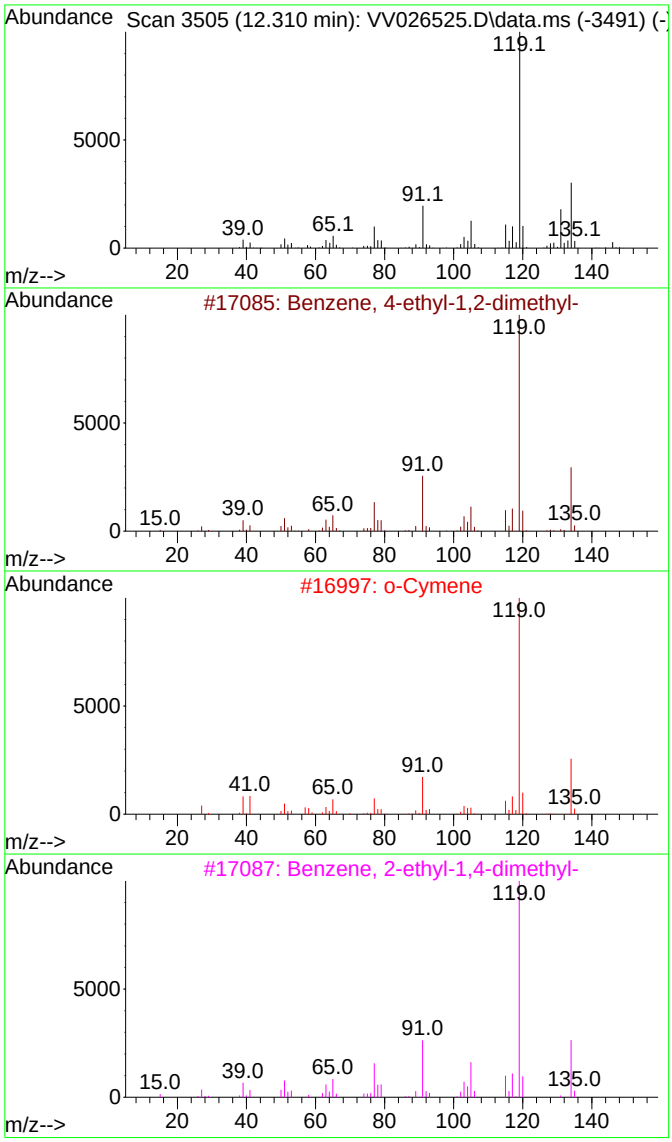
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

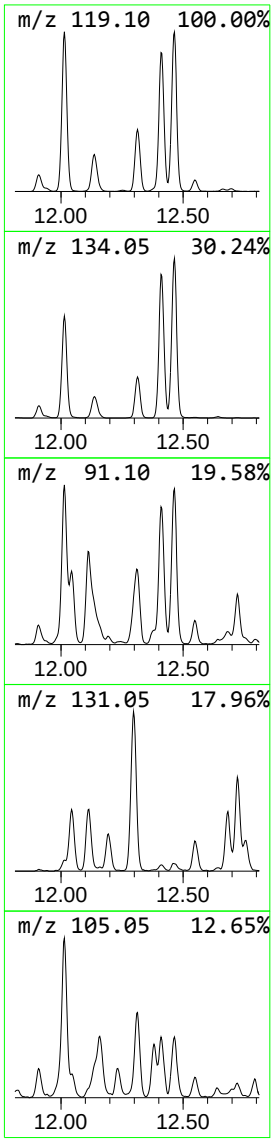
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.310	6.13 ug/L	681634	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026525.D
Acq On : 23 Jun 2022 19:32
Operator : SY/MD
Sample : N3400-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA3

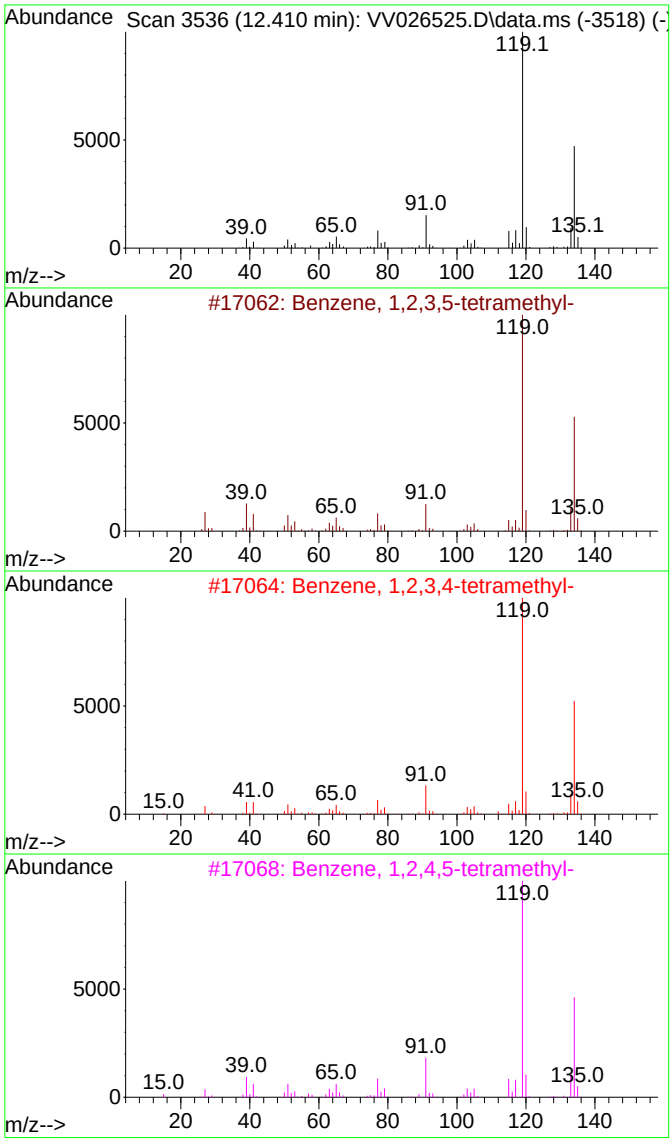
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

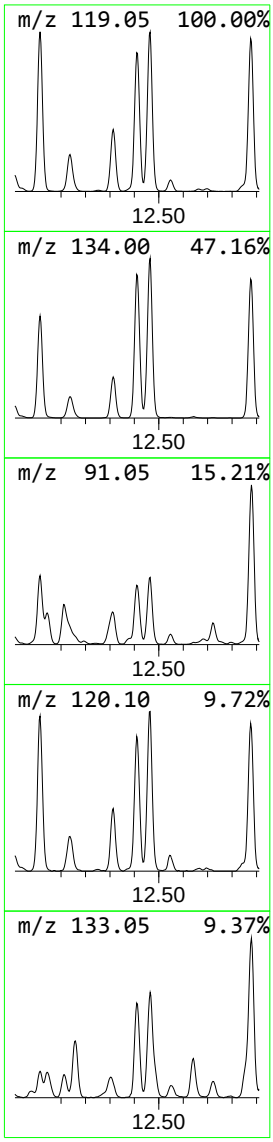
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	10.82 ug/L	1202870	1,4-Dichlorobenzene-d4	11.249

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026525.D
Acq On : 23 Jun 2022 19:32
Operator : SY/MD
Sample : N3400-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA3

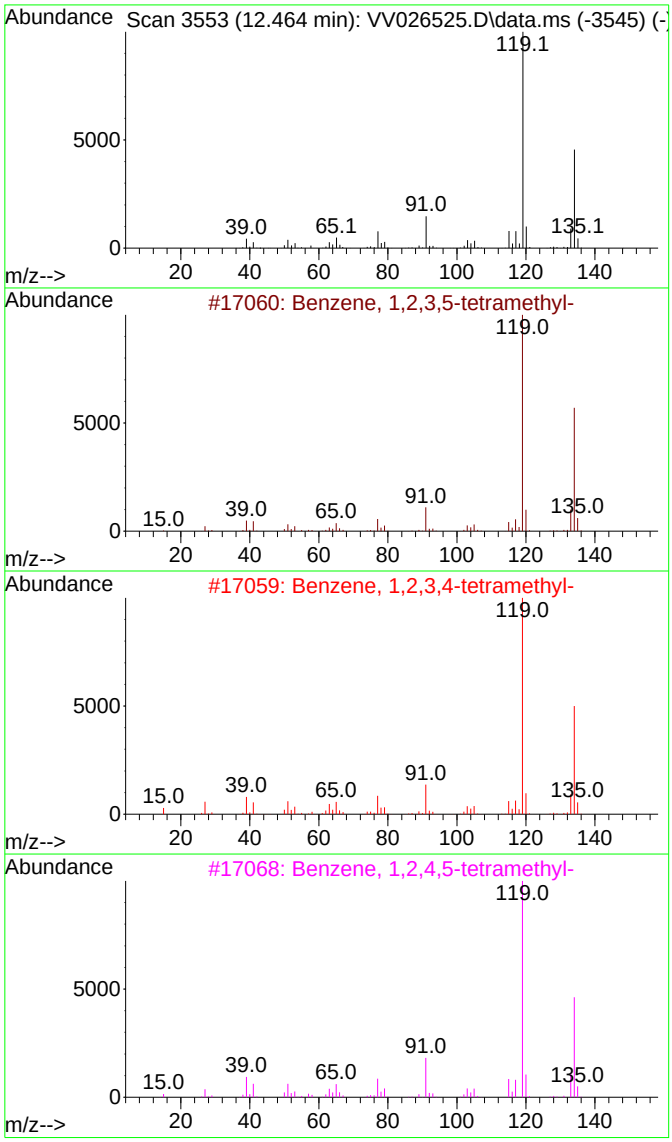
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

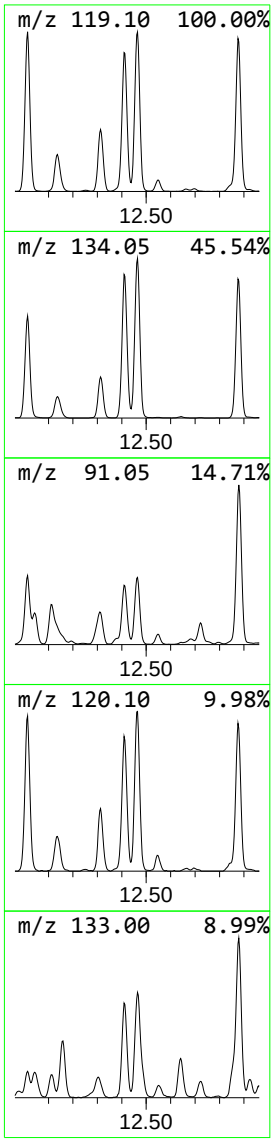
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.464	11.52 ug/L	1280920	1,4-Dichlorobenzene-d4	11.249

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026525.D
Acq On : 23 Jun 2022 19:32
Operator : SY/MD
Sample : N3400-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA3

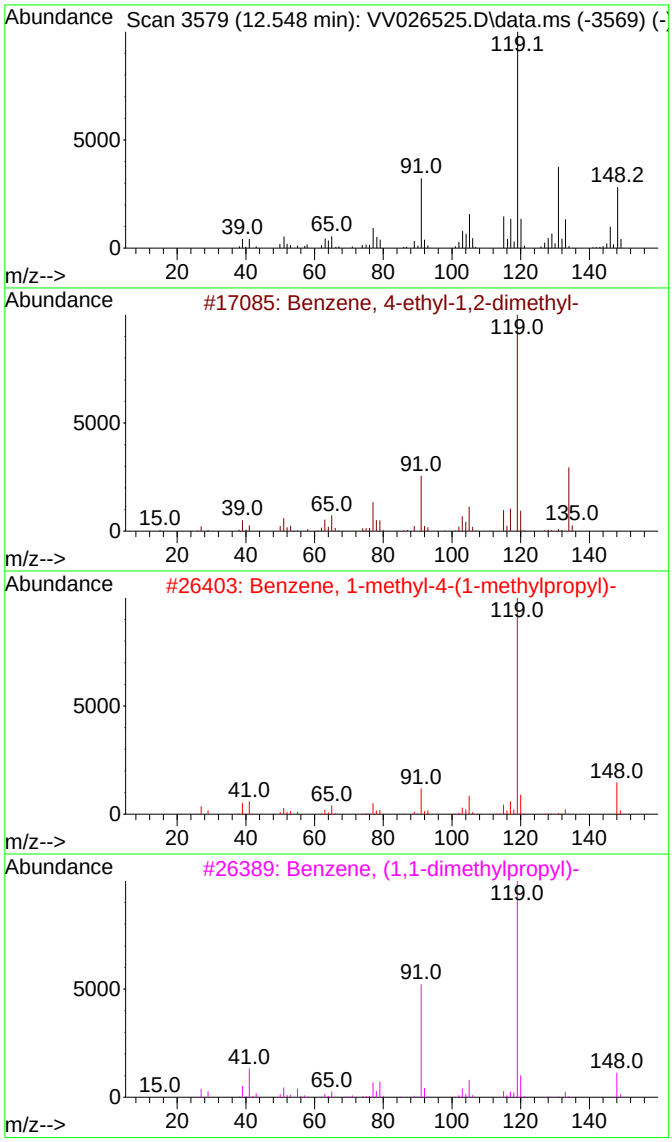
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

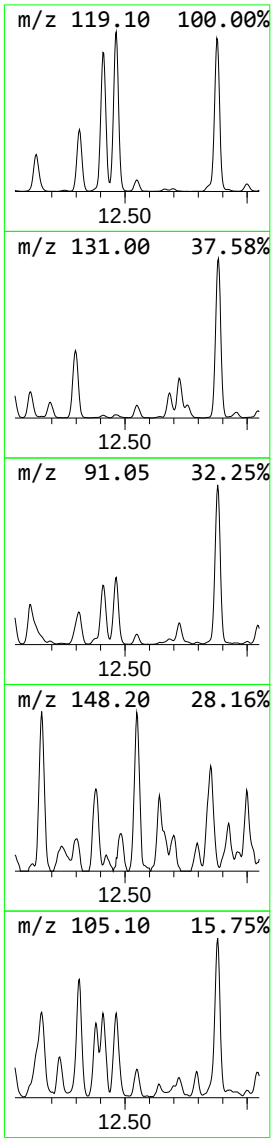
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 1-methyl-4-(1-meth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.548	1.22 ug/L	135518	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70
2	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	70
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	58
4	p-Cymene	134	C10H14	000099-87-6	55
5	1(3H)-Isobenzofuranone, 5-methyl-	148	C9H8O2	054120-64-8	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026525.D
Acq On : 23 Jun 2022 19:32
Operator : SY/MD
Sample : N3400-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA3

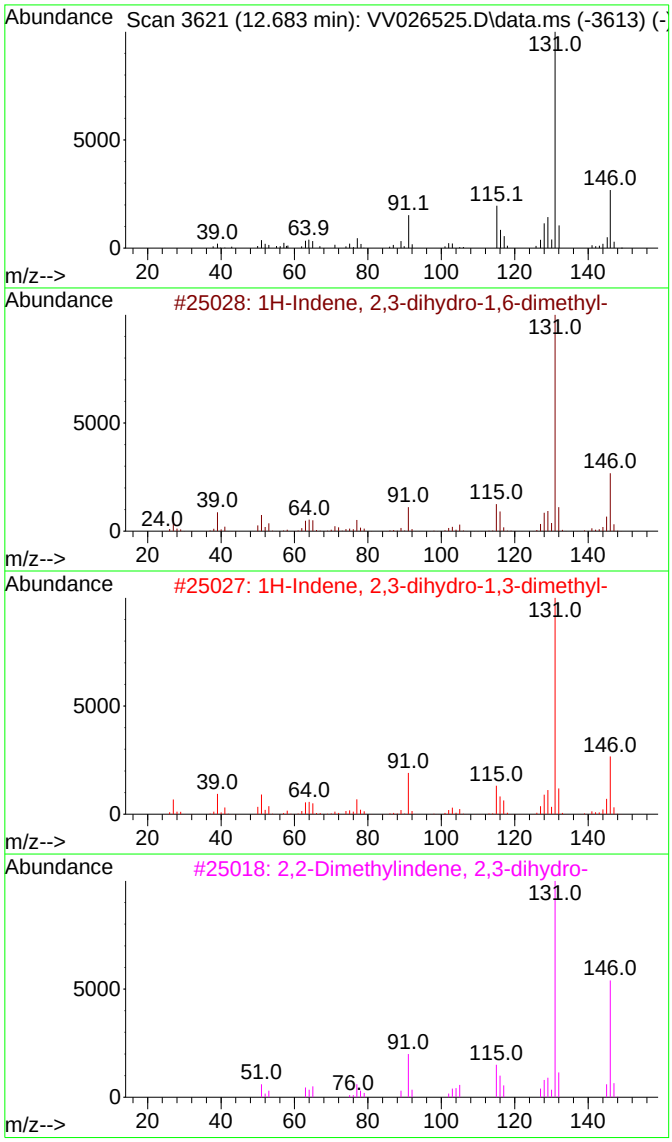
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

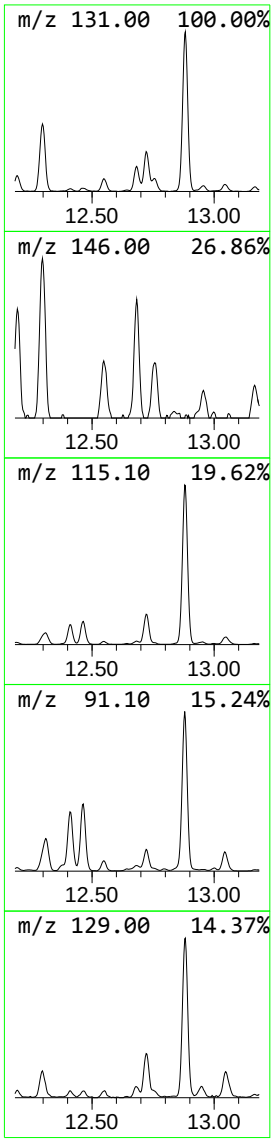
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.683	0.84 ug/L	93954	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026525.D
Acq On : 23 Jun 2022 19:32
Operator : SY/MD
Sample : N3400-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA3

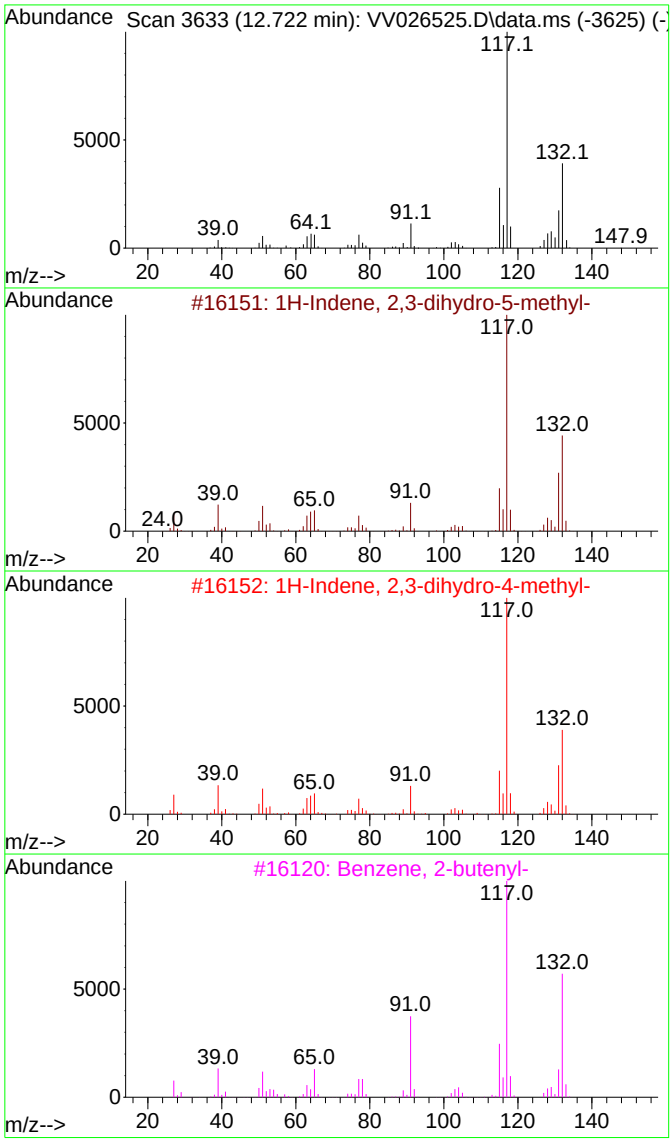
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

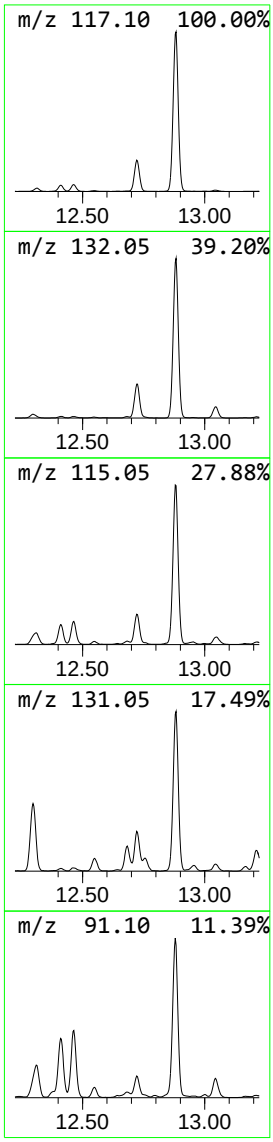
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.722	5.42 ug/L	603163	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	90
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026525.D
Acq On : 23 Jun 2022 19:32
Operator : SY/MD
Sample : N3400-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA3

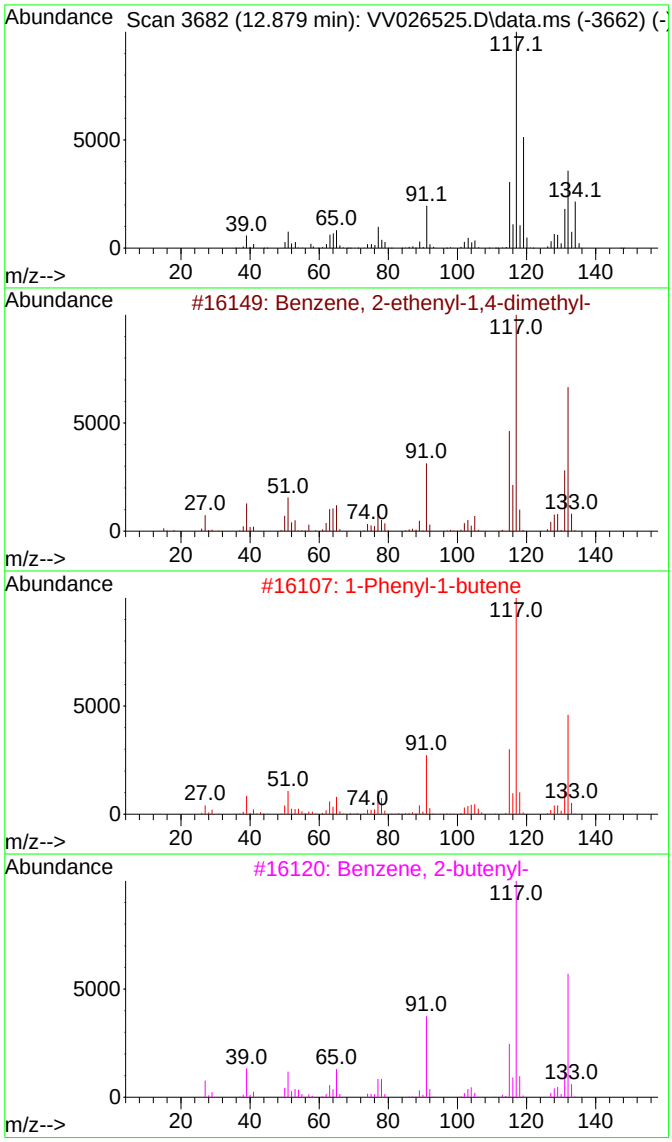
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

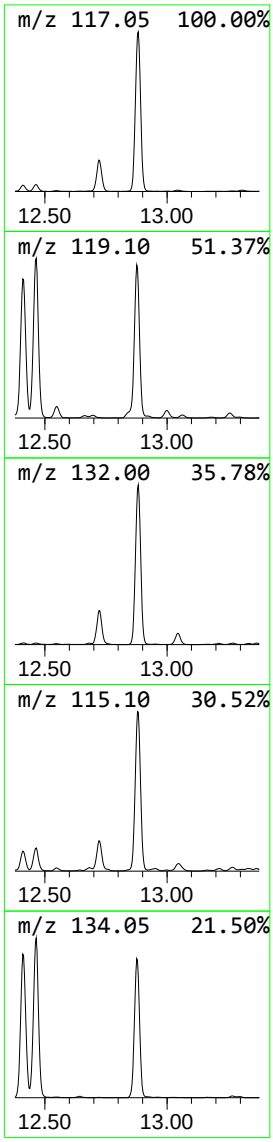
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.879	34.59 ug/L	3847100	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026525.D
Acq On : 23 Jun 2022 19:32
Operator : SY/MD
Sample : N3400-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA3

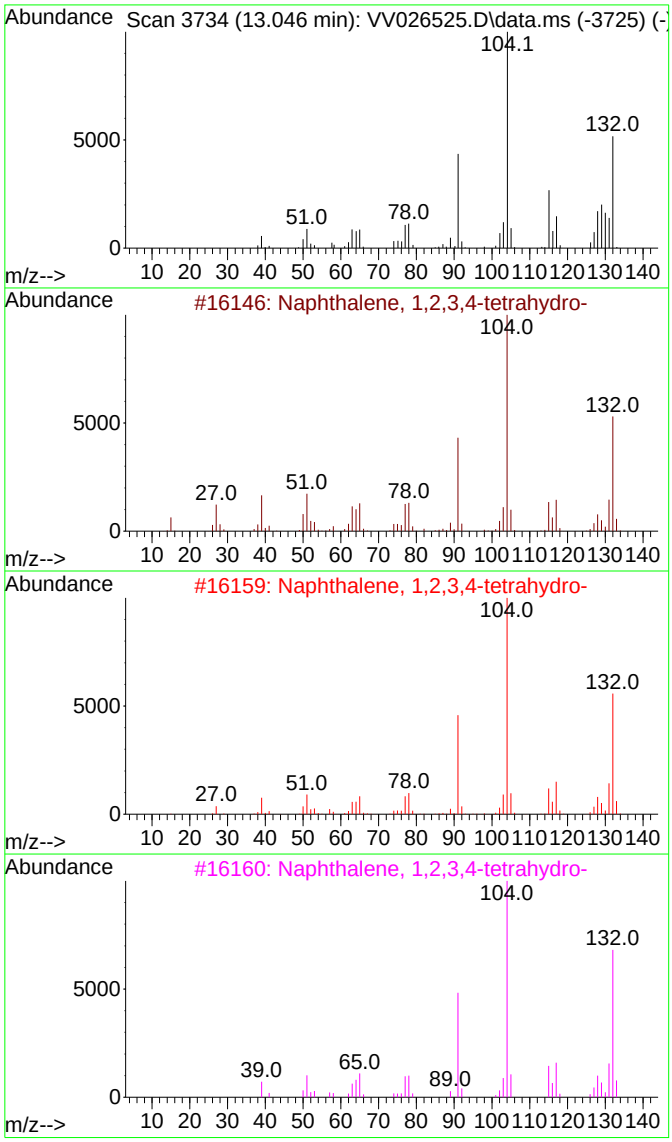
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

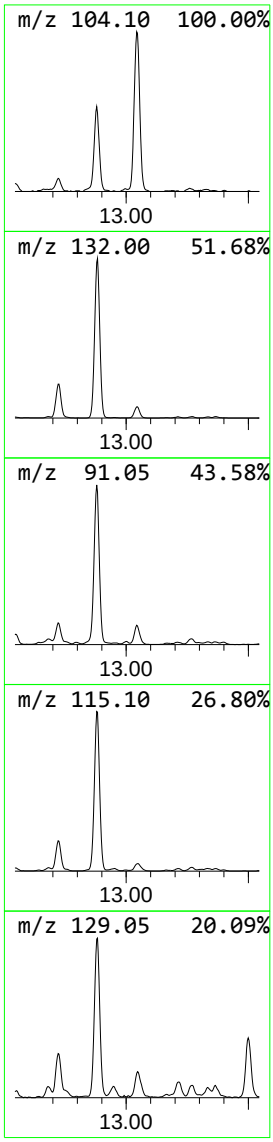
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.046	2.32 ug/L	257838	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026525.D
Acq On : 23 Jun 2022 19:32
Operator : SY/MD
Sample : N3400-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA3

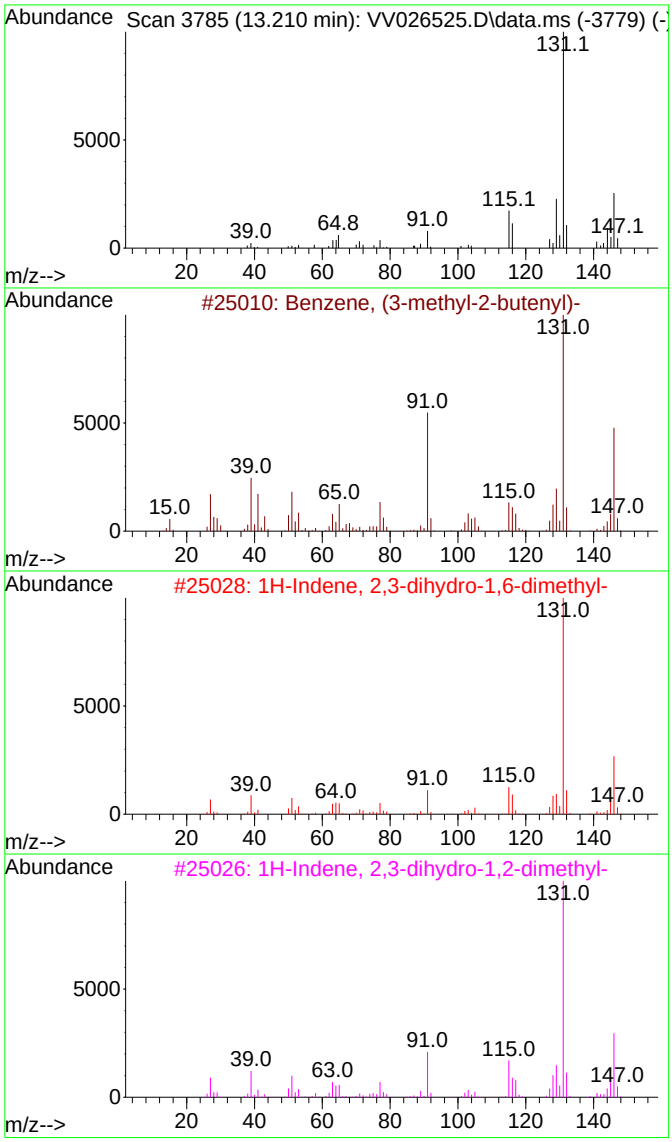
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

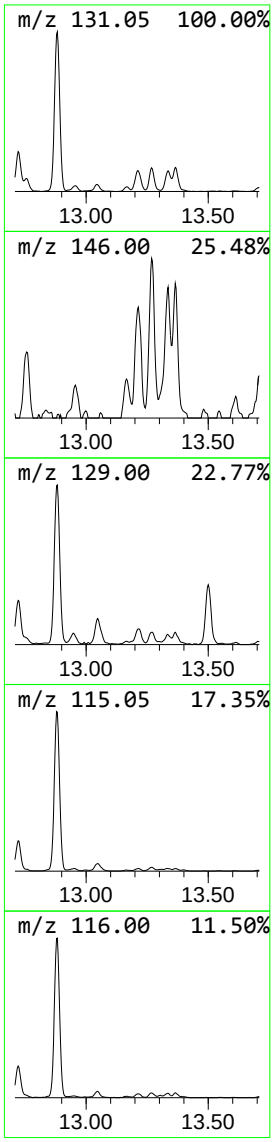
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzene, (3-methyl-2-butenyl)- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.210	0.53 ug/L	59014	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	86
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	83
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026525.D
Acq On : 23 Jun 2022 19:32
Operator : SY/MD
Sample : N3400-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA3

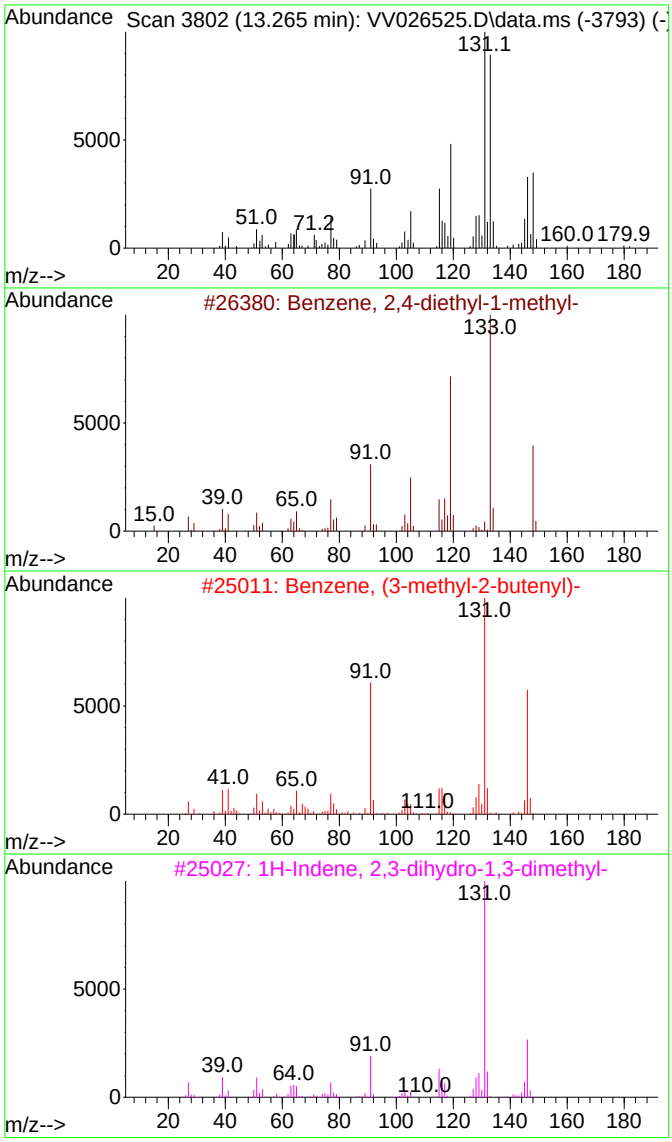
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

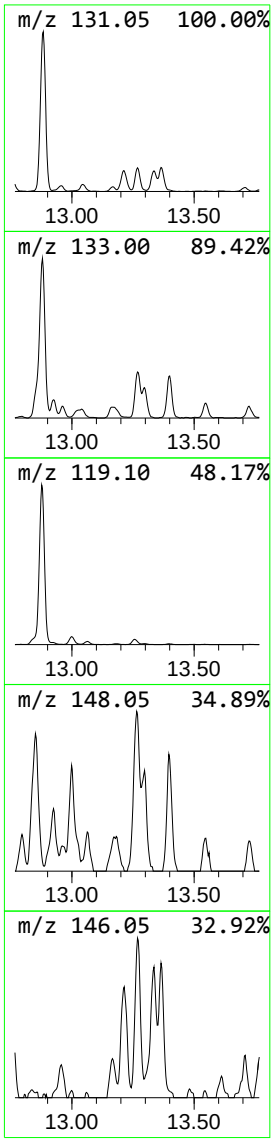
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.265	1.23 ug/L	137327	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	90
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	87
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	86
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	74
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026525.D
Acq On : 23 Jun 2022 19:32
Operator : SY/MD
Sample : N3400-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA3

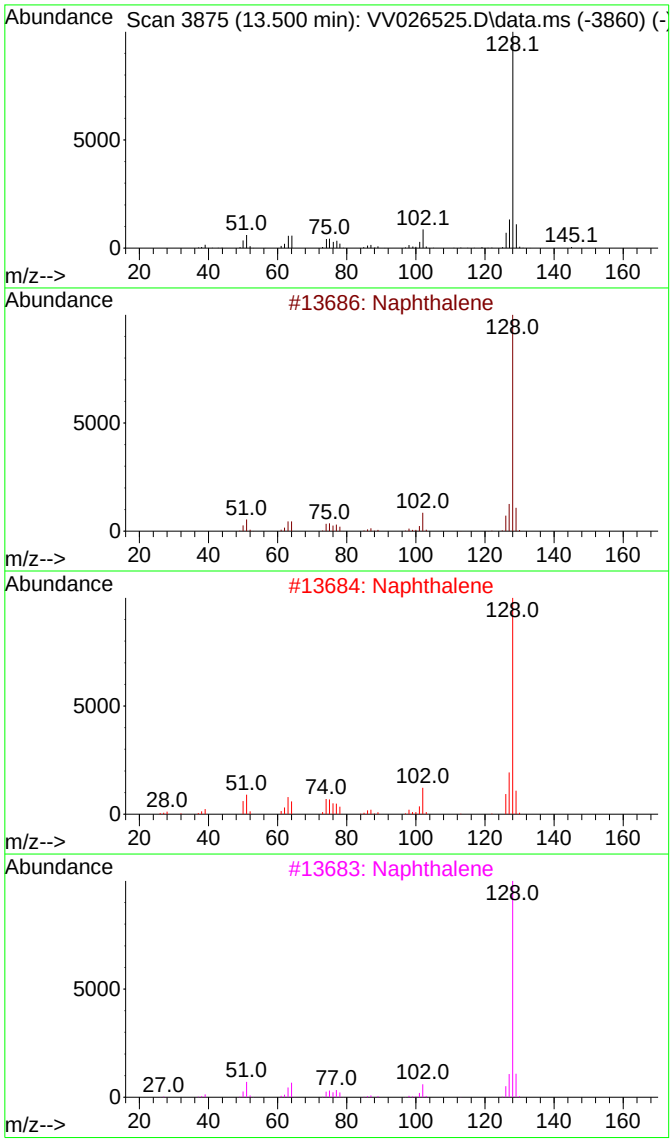
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

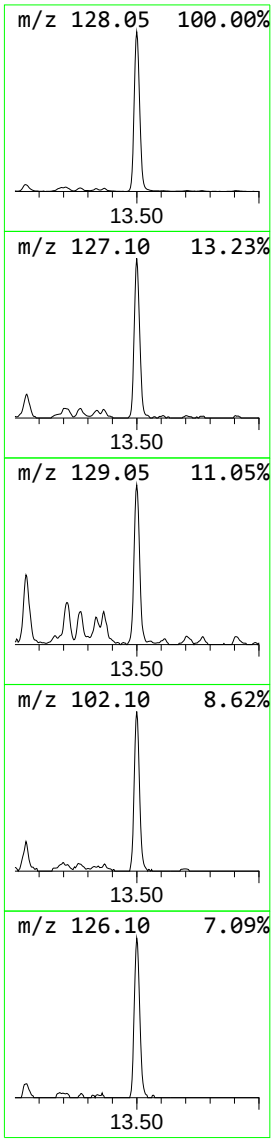
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Azulene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.500	3.49 ug/L	388149	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	Naphthalene	128	C10H8	000091-20-3	94
4	Azulene	128	C10H8	000275-51-4	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 : VV026525.D
Acq On : 23 Jun 2022 19:32
Operator : SY/MD
Sample : N3400-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA3

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: S...	2.767	0.9	ug/L	92472	1	5.622	497733	5.0
(DEL) Alkane: C...	3.770	4.0	ug/L	394135	1	5.622	497733	5.0
(DEL) Alkane: C...	5.178	0.7	ug/L	64718	1	5.622	497733	5.0
(DEL) Alkane: C...	5.256	0.6	ug/L	61043	1	5.622	497733	5.0
(DEL) Alkane: C...	5.326	0.6	ug/L	55524	1	5.622	497733	5.0
Benzene, propyl-	10.352	3.4	ug/L	377483	3	11.249	556108	5.0
Benzene, (1-met...	11.085	0.7	ug/L	74664	3	11.249	556108	5.0
Benzene, 1,2,3-...	11.333	13.7	ug/L	1524950	3	11.249	556108	5.0
o-Cymene	11.451	0.6	ug/L	67568	3	11.249	556108	5.0
Indane	11.525	22.4	ug/L	2490490	3	11.249	556108	5.0
Benzene, 1,2-di...	11.744	1.6	ug/L	178691	3	11.249	556108	5.0
Benzene, 2-ethy...	11.908	1.5	ug/L	171194	3	11.249	556108	5.0
Benzene, 1-ethy...	12.014	11.5	ug/L	1281360	3	11.249	556108	5.0
Benzene, 2-bute...	12.043	4.6	ug/L	511846	3	11.249	556108	5.0
Benzene, 1-ethe...	12.114	11.2	ug/L	1244120	3	11.249	556108	5.0
Benzene, 4-ethy...	12.310	6.1	ug/L	681634	3	11.249	556108	5.0
Benzene, 1,2,3,...	12.410	10.8	ug/L	1202870	3	11.249	556108	5.0
Benzene, 1,2,3,...	12.464	11.5	ug/L	1280920	3	11.249	556108	5.0
Benzene, 1-meth...	12.548	1.2	ug/L	135518	3	11.249	556108	5.0
1H-Indene, 2,3-...	12.683	0.8	ug/L	93954	3	11.249	556108	5.0
1H-Indene, 2,3-...	12.722	5.4	ug/L	603163	3	11.249	556108	5.0
Benzene, 2-ethe...	12.879	34.6	ug/L	3847100	3	11.249	556108	5.0
Naphthalene, 1,...	13.046	2.3	ug/L	257838	3	11.249	556108	5.0
Benzene, (3-met...	13.210	0.5	ug/L	59014	3	11.249	556108	5.0
Benzene, 2,4-di...	13.265	1.2	ug/L	137327	3	11.249	556108	5.0
Azulene	13.500	3.5	ug/L	388149	3	11.249	556108	5.0