LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
Data File : VU060631.D
Acq On : 05 Sep 2024 17:33
Operator : MD/SY
Sample : P3809-13 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3F2

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\SFAMUTR082324WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU060631.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.560	384	395	408	rBV	72608	120226	1.56%	0.453%
2	2.657	411	425	451	rBV	23734	95458	1.23%	0.359%
3	4.644	1031	1043	1065	rBV3	39287	150936	1.95%	0.568%
4	5.055	1157	1171	1191	rBV	70304	158366	2.05%	0.596%
5	5.718	1359	1377	1405	rBV3	137308	365170	4.72%	1.374%
6	6.242	1528	1540	1561	rBV	153621	301696	3.90%	1.136%
7	6.682	1661	1677	1704	rBV	88062	174792	2.26%	0.658%
8	7.891	2041	2053	2066	rBV	149654	268401	3.47%	1.010%
9	7.965	2066	2076	2094	rVB	76262	137177	1.77%	0.516%
10	8.631	2272	2283	2318	rBV	160454	347003	4.49%	1.306%
11	9.412	2514	2526	2549	rBV	230649	402031	5.20%	1.513%
12	9.566	2563	2574	2590	rBV	61955	104991	1.36%	0.395%
13	9.685	2594	2611	2628	rBV	238958	415294	5.37%	1.563%
14	10.094	2727	2738	2761	rVB	153382	255628	3.31%	0.962%
15	10.750	2930	2942	2954	rBV	70419	114580	1.48%	0.431%
16	11.460	3152	3163	3176	rBV	87380	139908	1.81%	0.527%
17	11.804	3256	3270	3286	rBV2	251498	469726	6.08%	1.768%
18	11.888	3287	3296	3312	rVB	69636	118440	1.53%	0.446%
19	12.090	3348	3359	3365	rBV3	46940	83275	1.08%	0.313%
20	12.187	3377	3389	3410	rVB5	251120	560354	7.25%	2.109%
21	12.563	3494	3506	3515	rBV	59962	95266	1.23%	0.359%
22	13.020	3639	3648	3663	rVB	94864	149193	1.93%	0.562%
23	13.283	3721	3730	3740	rVB3	124317	200630	2.60%	0.755%
24	13.447	3771	3781	3793	rVV2	340010	619334	8.01%	2.331%
25	13.505	3793	3799	3807	rVV2	66877	114658	1.48%	0.432%
26	13.614	3824	3833	3851	rVB3	87994	158063	2.04%	0.595%
27	13.727	3855	3868	3876	rBV5	77982	138132	1.79%	0.520%
28	13.827	3890	3899	3916	rVV4	107272	241574	3.13%	0.909%
29	14.077	3963	3977	3997	rBV	1241808	2016098	26.08%	7.588%
30	14.280	4024	4040	4050	rBV6	77180	163714	2.12%	0.616%
31	14.476	4089	4101	4119	rBV	221727	370100	4.79%	1.393%
32	14.663	4146	4159	4183	rBV3	239804	569104	7.36%	2.142%
33	14.801	4192	4202	4212	rBV	92307	155148	2.01%	0.584%
34	14.865	4213	4222	4234	rVB2	213110	334703	4.33%	1.260%
35	15.010	4256	4267	4279	rBV3	84566	154181	1.99%	0.580%
36	15.212	4315	4330	4345	rBV	5083241	7729698	100.00%	29.093%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
Data File : VU060631.D
Acq On : 05 Sep 2024 17:33
Operator : MD/SY
Sample : P3809-13 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3F2

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\SFAMUTR082324WMA.M
Title : TRACE VOA SFAM1.0

37	15.399	4375	4388	4401	rBV	4582033	7089459	91.72%	26.684%
38	15.920	4537	4550	4564	rBV2	84180	154875	2.00%	0.583%
39	16.138	4604	4618	4625	rBV2	102210	170586	2.21%	0.642%
40	16.254	4641	4654	4681	rVV	214333	397258	5.14%	1.495%
41	16.399	4681	4699	4706	rVV	279471	458687	5.93%	1.726%
42	16.437	4706	4711	4726	rVB	139406	224172	2.90%	0.844%
43	16.634	4767	4772	4787	rVB3	48916	80427	1.04%	0.303%

Sum of corrected areas: 26568512

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
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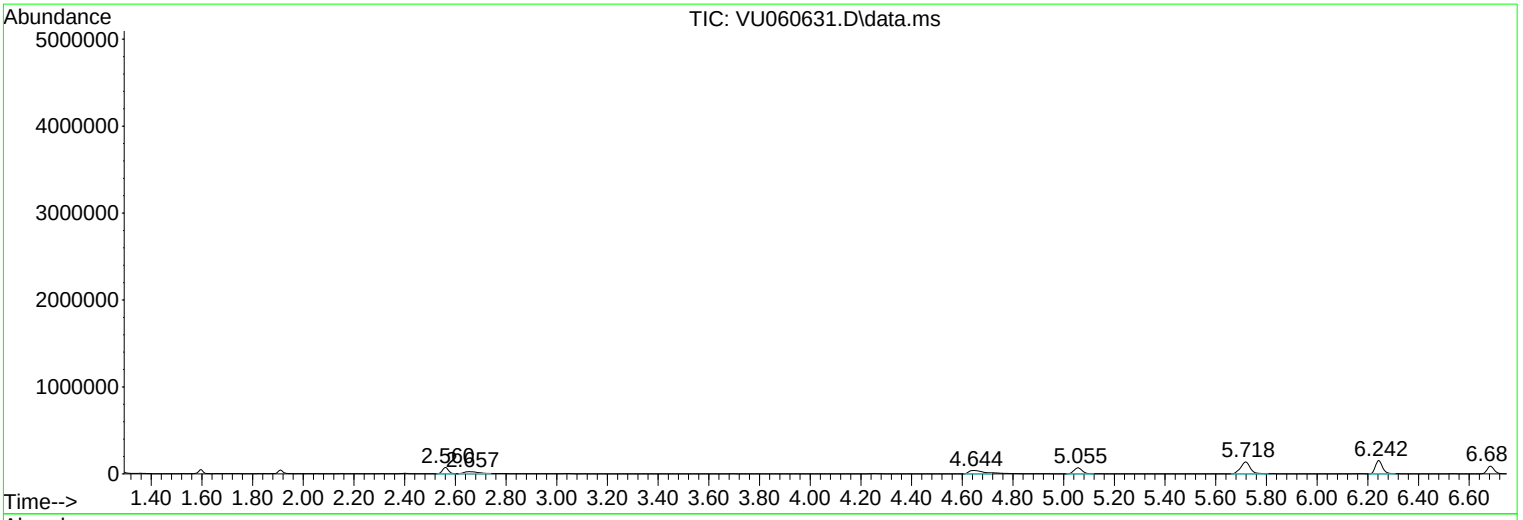
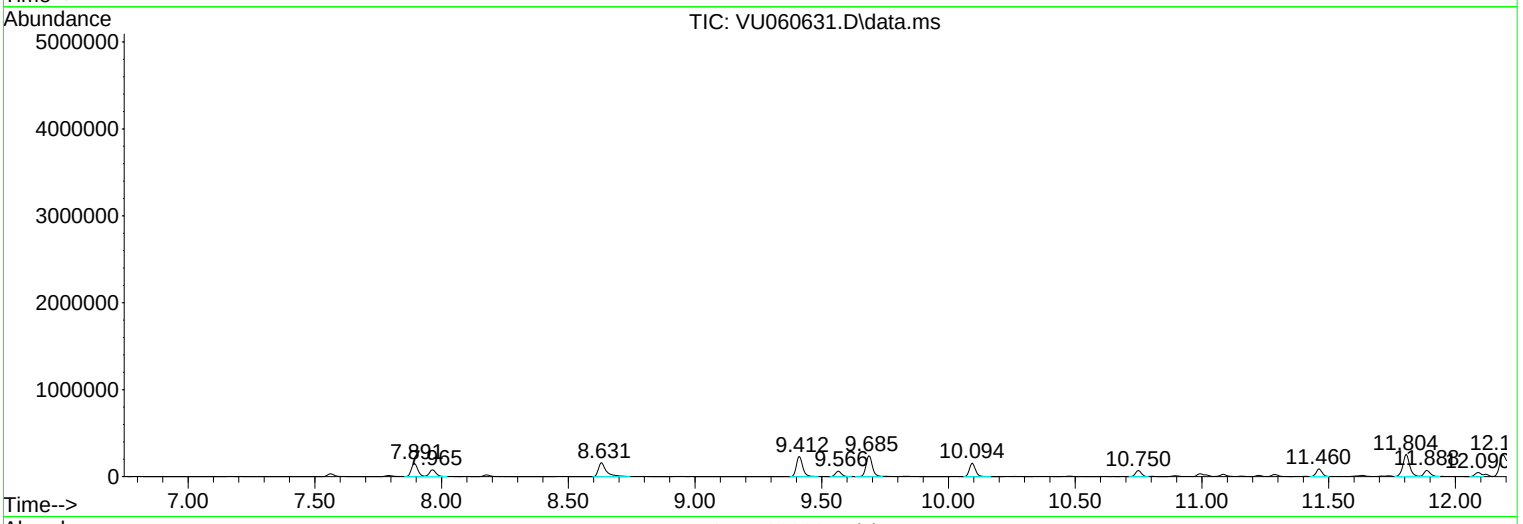
ALS Vial : 21 Sample Multiplier: 1

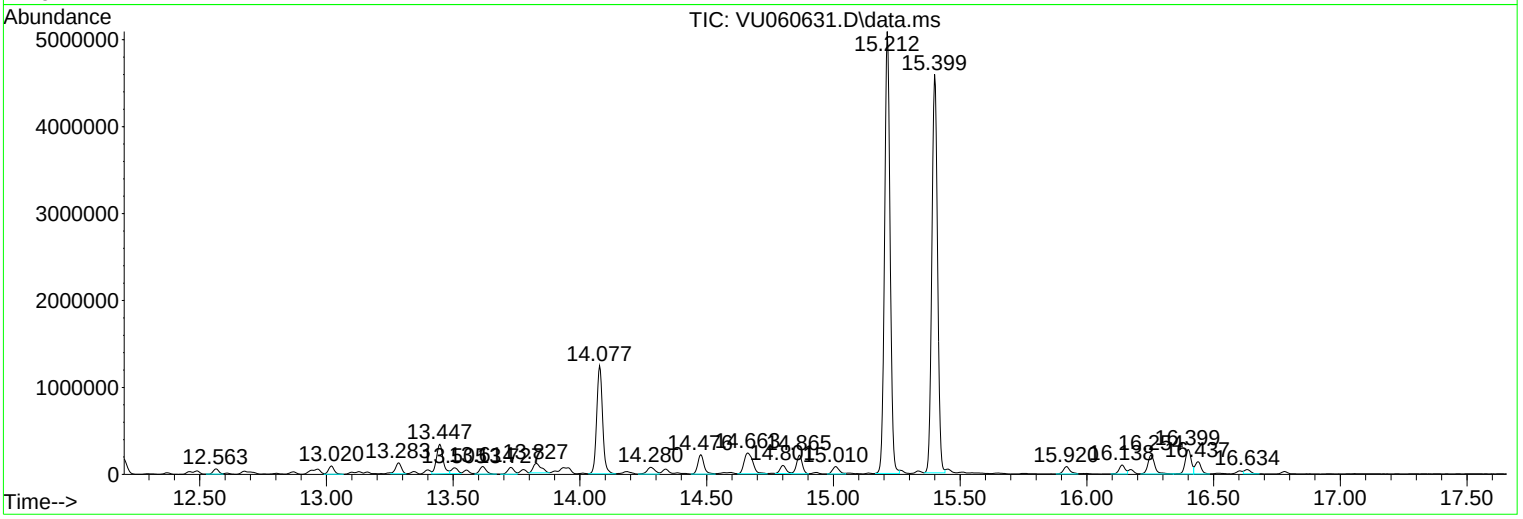
Instrument :
MSVOA_U
ClientSampleId :
YE3F2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.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\VU090524\
Data File : VU060631.D
Acq On : 05 Sep 2024 17:33
Operator : MD/SY
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3F2

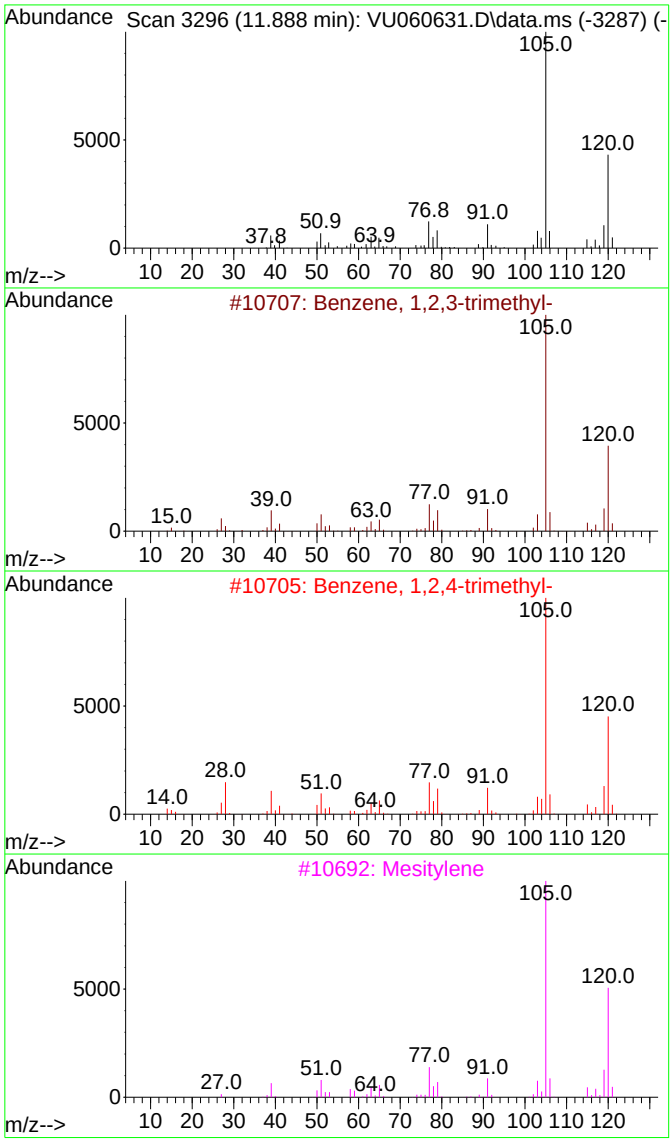
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

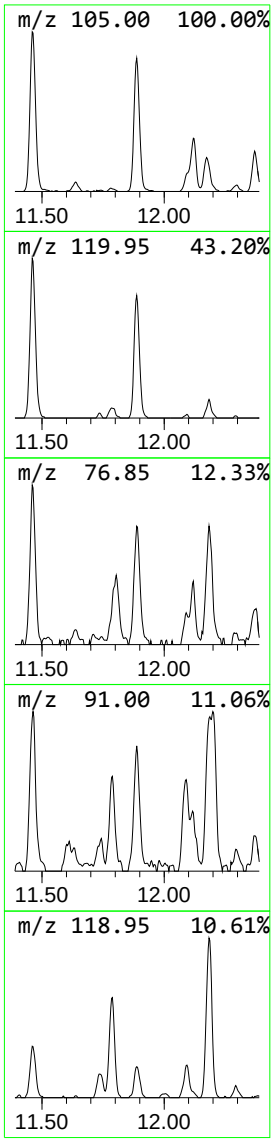
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.888	1.26 ug/L	118440	1,4-Dichlorobenzene-d4	11.807

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
Data File : VU060631.D
Acq On : 05 Sep 2024 17:33
Operator : MD/SY
Sample : P3809-13 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3F2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

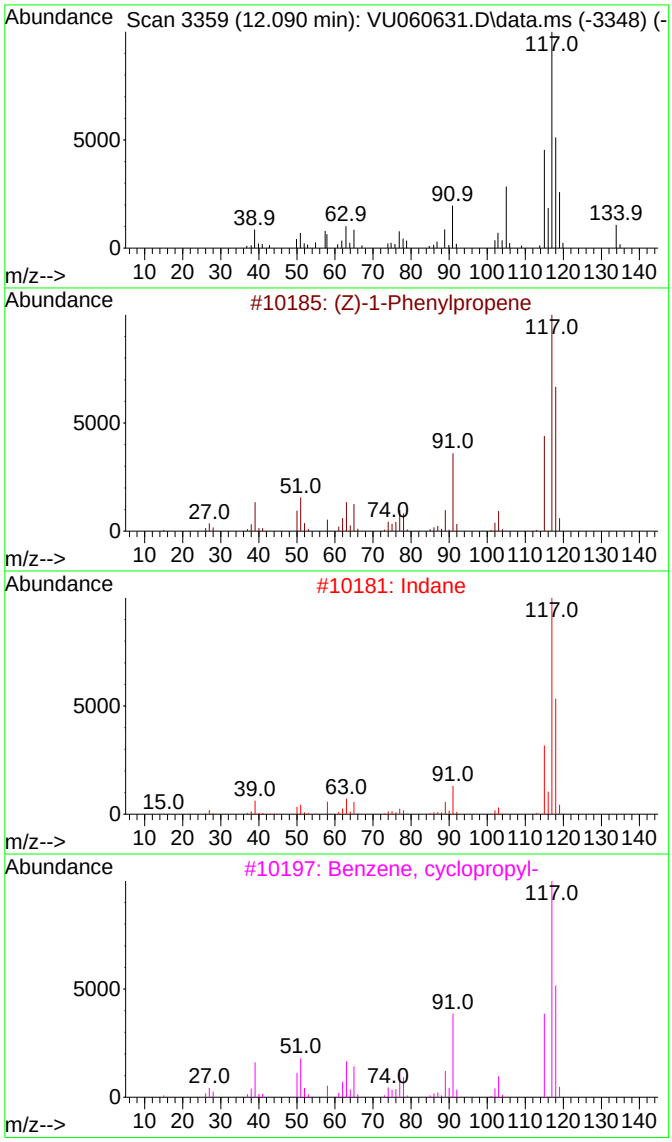
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

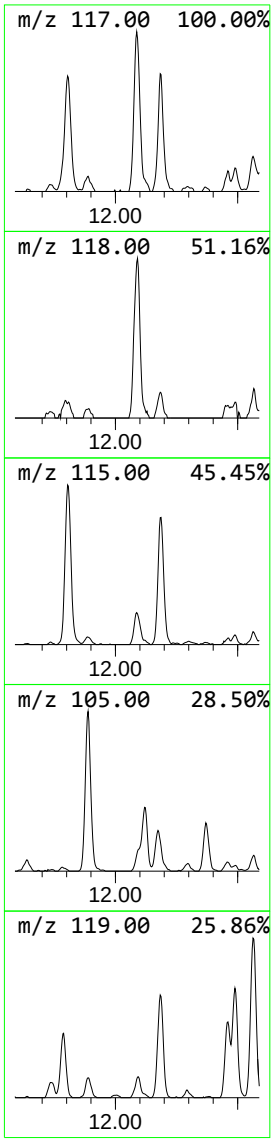
****

Peak Number 2 (Z)-1-Phenylpropene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.090	0.89 ug/L	83275	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	70
2	Indane	118	C9H10	000496-11-7	60
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	55
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	53
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
Data File : VU060631.D
Acq On : 05 Sep 2024 17:33
Operator : MD/SY
Sample : P3809-13 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3F2

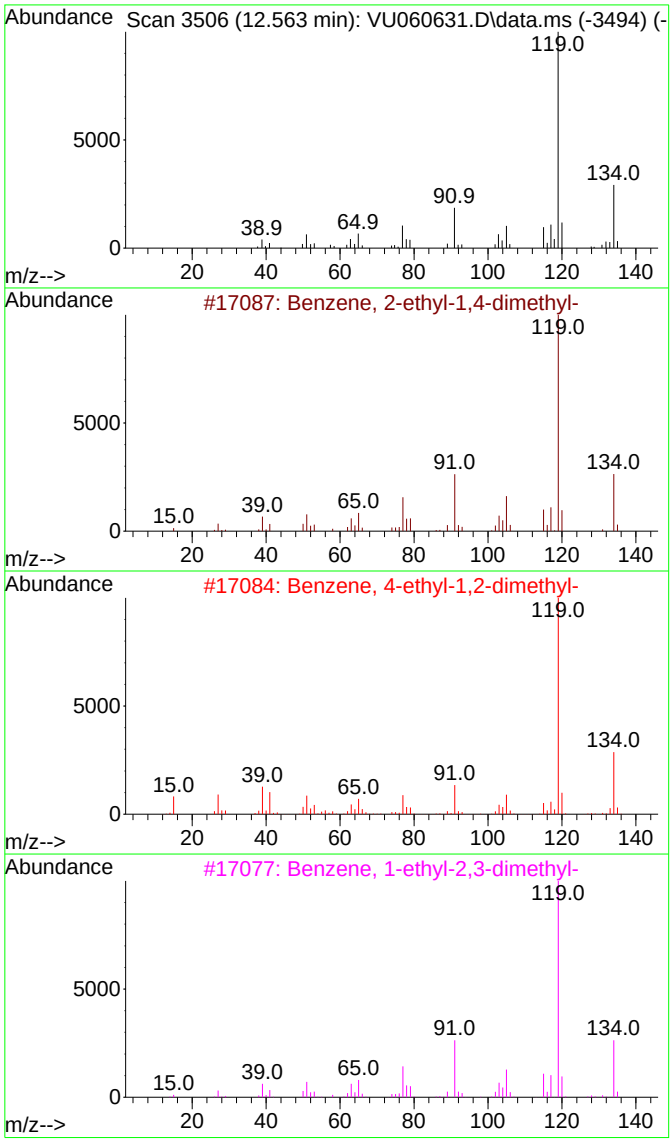
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

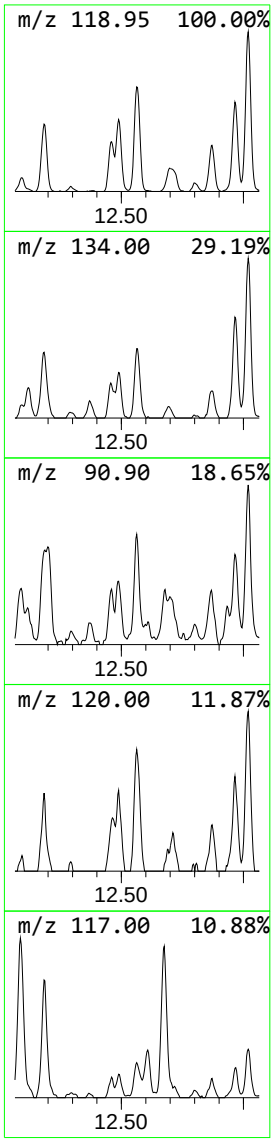
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.563	1.01 ug/L	95266	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	p-Cymene	134	C10H14	000099-87-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
Data File : VU060631.D
Acq On : 05 Sep 2024 17:33
Operator : MD/SY
Sample : P3809-13 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3F2

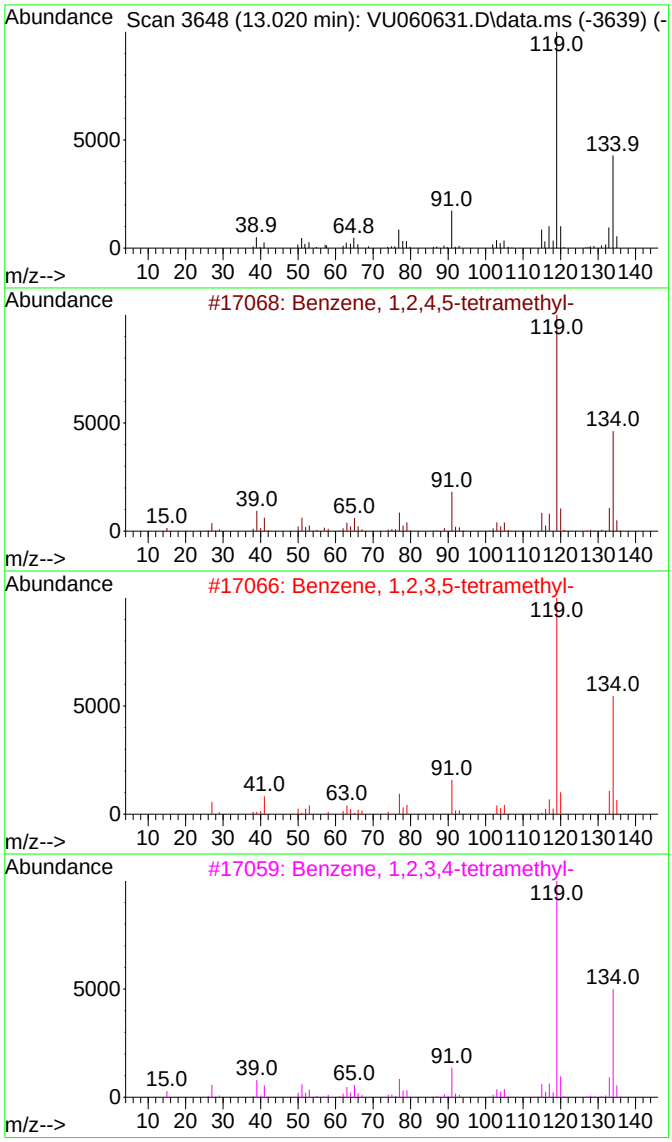
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

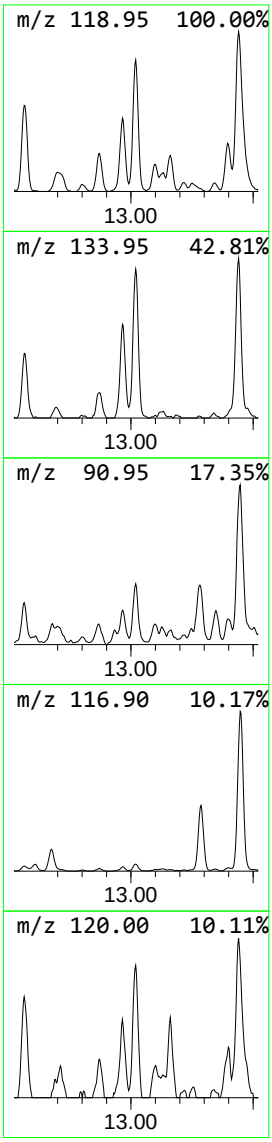
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.020	1.59 ug/L	149193	1,4-Dichlorobenzene-d4	11.807

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	95
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
Data File : VU060631.D
Acq On : 05 Sep 2024 17:33
Operator : MD/SY
Sample : P3809-13 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3F2

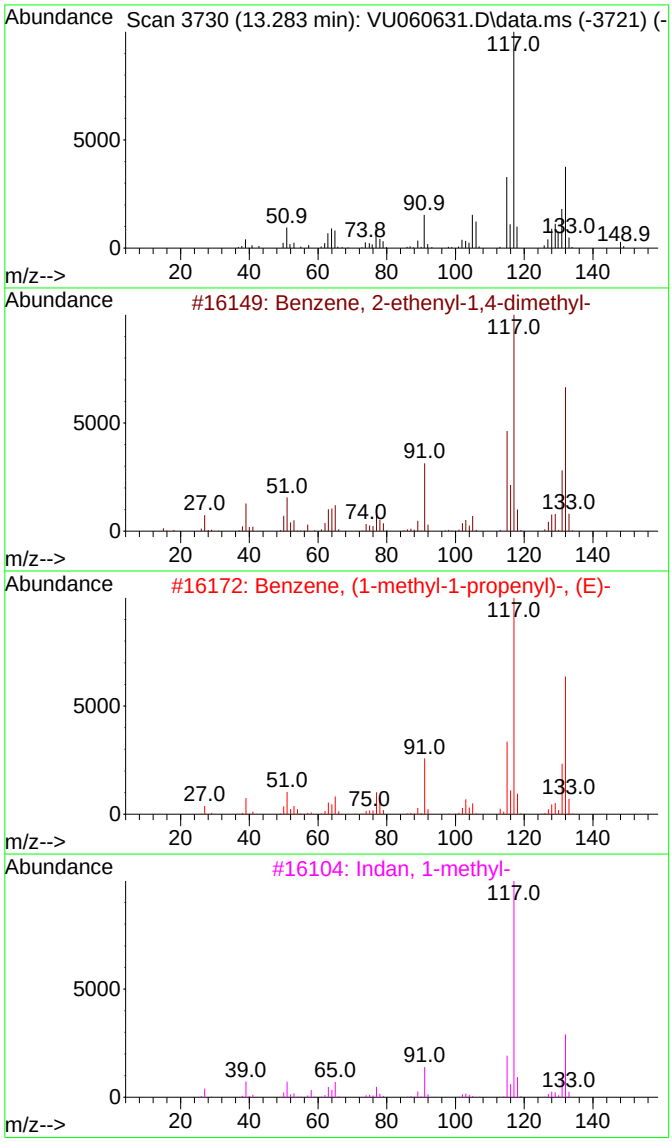
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

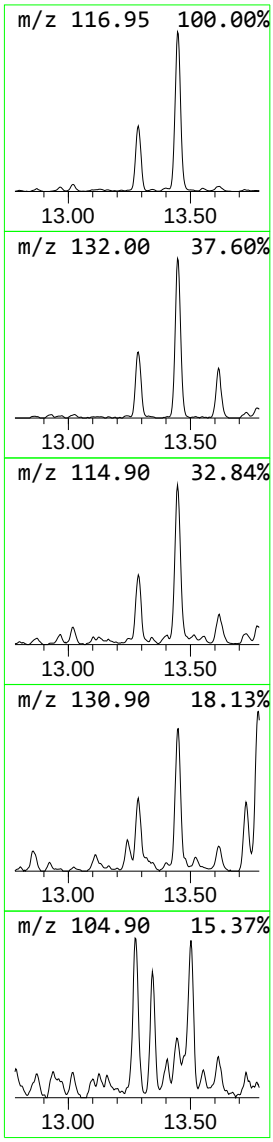
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.283	2.14 ug/L	200630	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
Data File : VU060631.D
Acq On : 05 Sep 2024 17:33
Operator : MD/SY
Sample : P3809-13 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3F2

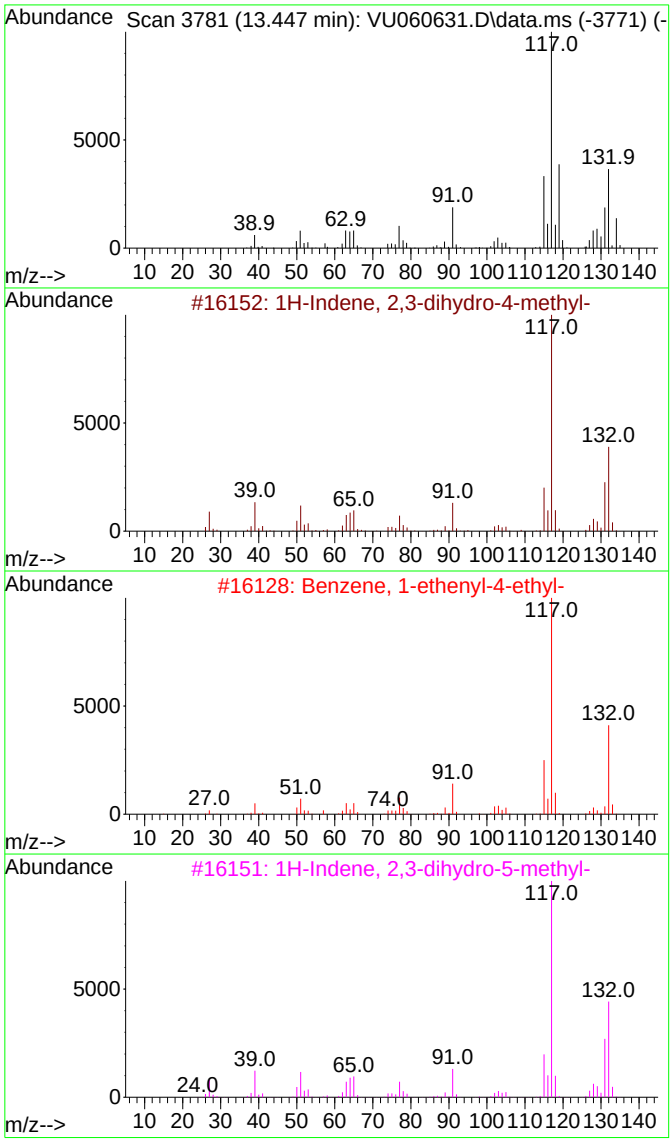
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

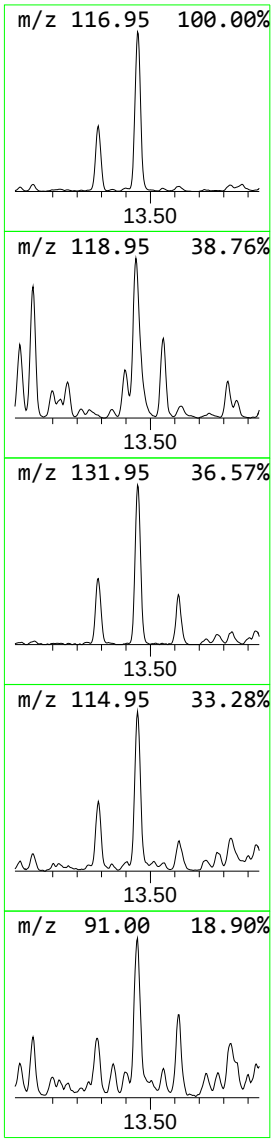
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.447	6.59 ug/L	619334	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	70
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	70
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
Data File : VU060631.D
Acq On : 05 Sep 2024 17:33
Operator : MD/SY
Sample : P3809-13 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3F2

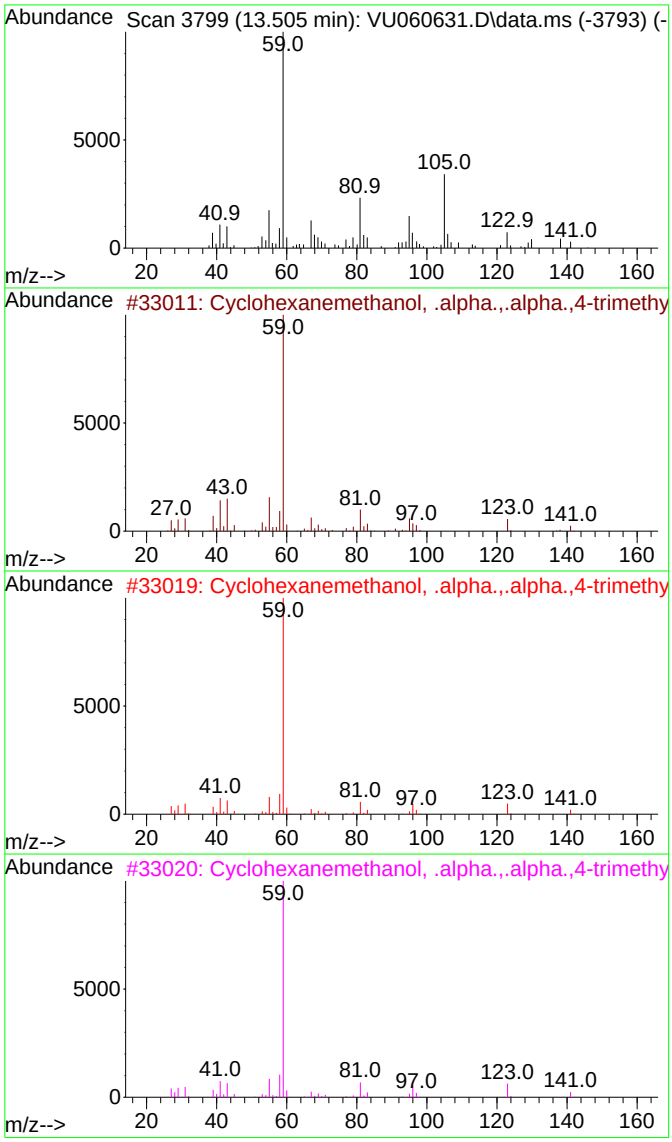
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

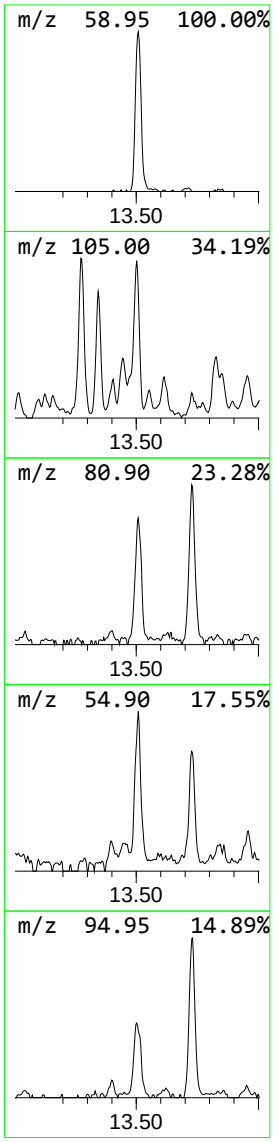
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclohexanemethanol, .alpha... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.505	1.22 ug/L	114658	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	53
2	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	47
3	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	005114-00-1	47
4	4-O-Acetyl-2,5-di-O-methyl-3,6-d...	215	C10H17NO4	1010101-80-3	43
5	2-Hydroxy-2,5-dimethyl-hept-6-en...	156	C9H16O2	1000192-55-8	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
Data File : VU060631.D
Acq On : 05 Sep 2024 17:33
Operator : MD/SY
Sample : P3809-13 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3F2

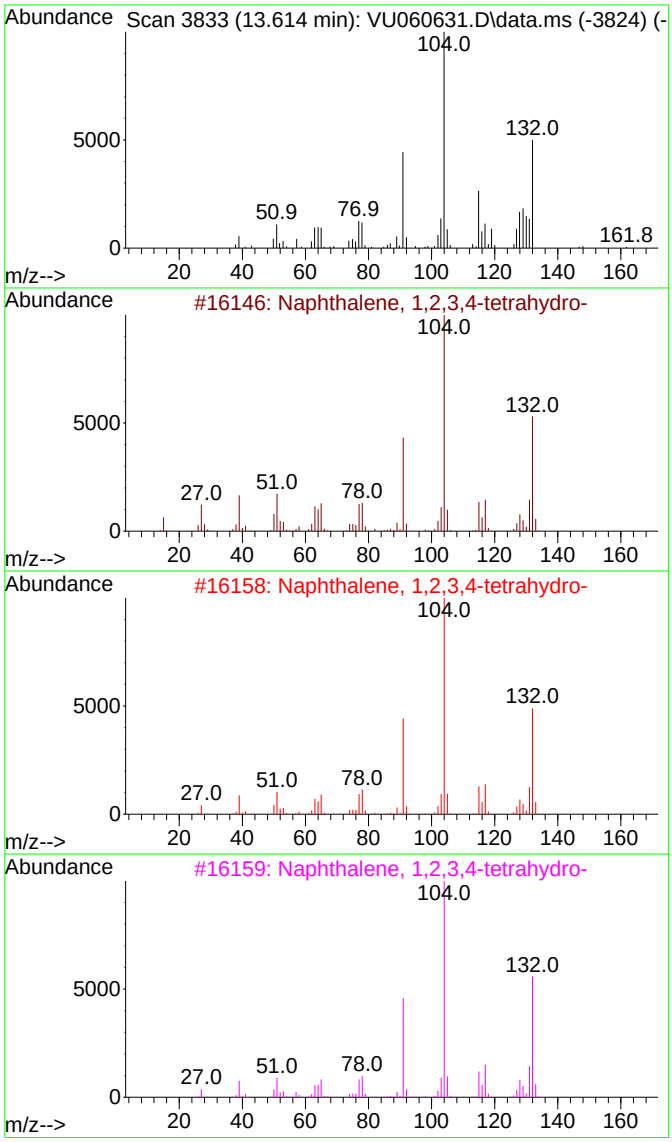
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

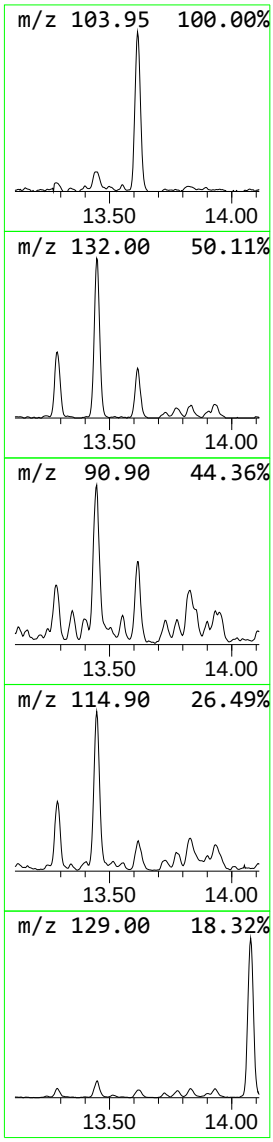
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.614	1.68 ug/L	158063	1,4-Dichlorobenzene-d4	11.807

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	93
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	89
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	76





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Data File : VU060631.D
Acq On : 05 Sep 2024 17:33
Operator : MD/SY
Sample : P3809-13 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3F2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

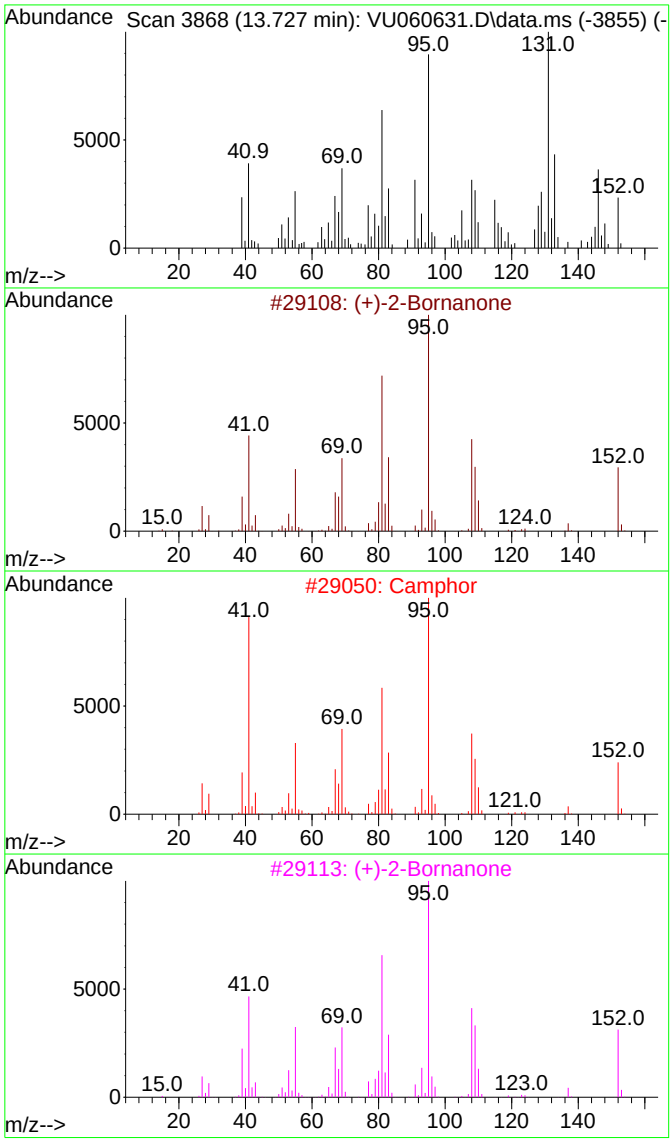
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

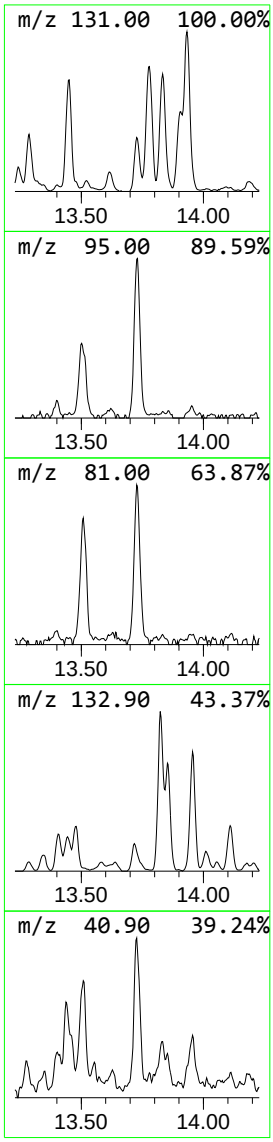
****

Peak Number 9 (+)-2-Bornanone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.727	1.47 ug/L	138132	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	93
2	Camphor	152	C10H16O	000076-22-2	93
3	(+)-2-Bornanone	152	C10H16O	000464-49-3	93
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	93
5	(+)-2-Bornanone	152	C10H16O	000464-49-3	93





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Data File : VU060631.D
Acq On : 05 Sep 2024 17:33
Operator : MD/SY
Sample : P3809-13 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3F2

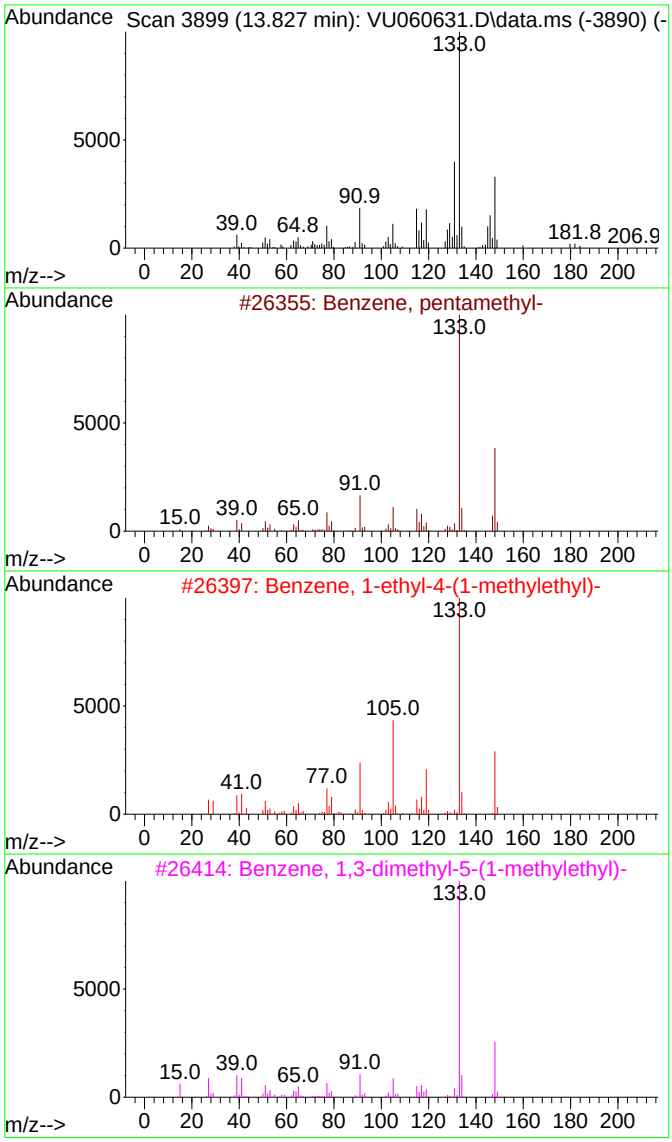
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

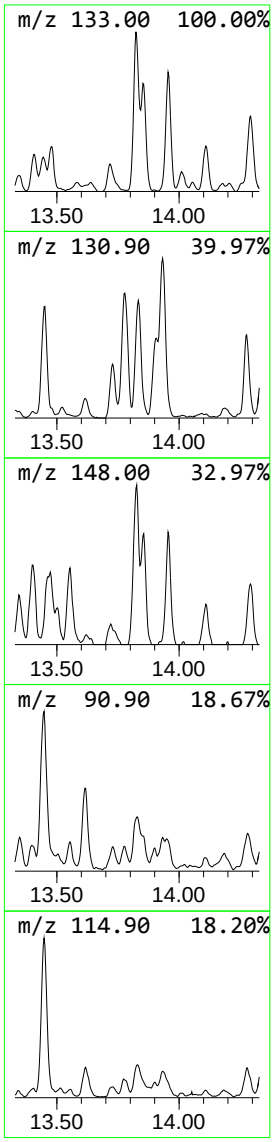
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, pentamethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.827	2.57 ug/L	241574	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	58
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	58
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	52
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	52
5	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	50





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Data File : VU060631.D
Acq On : 05 Sep 2024 17:33
Operator : MD/SY
Sample : P3809-13 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3F2

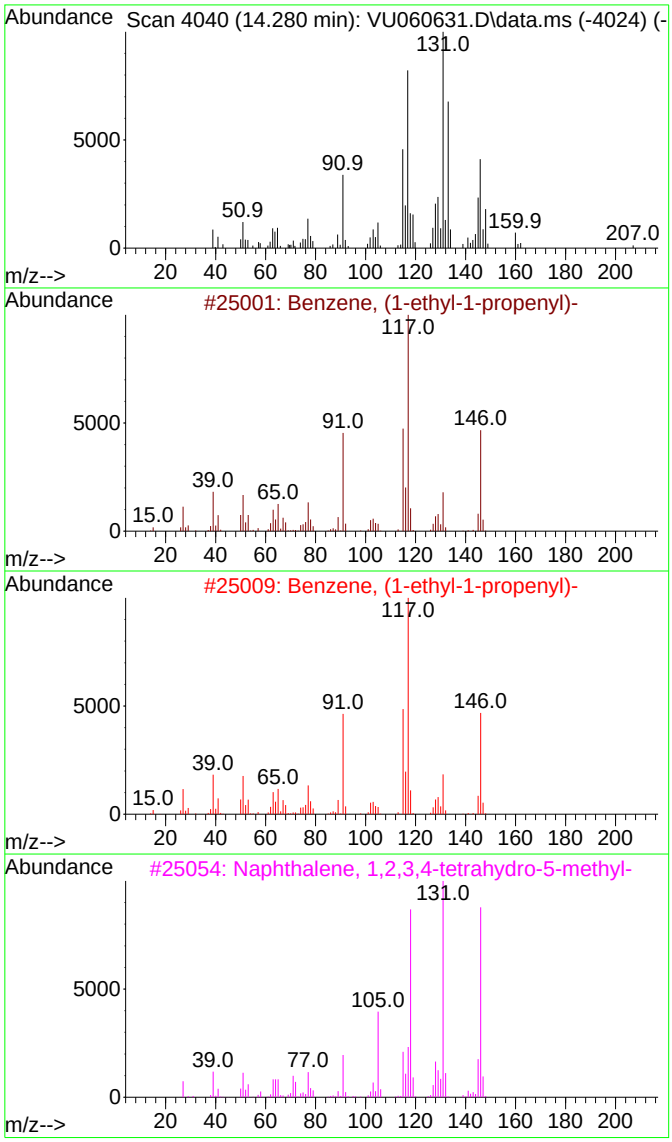
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

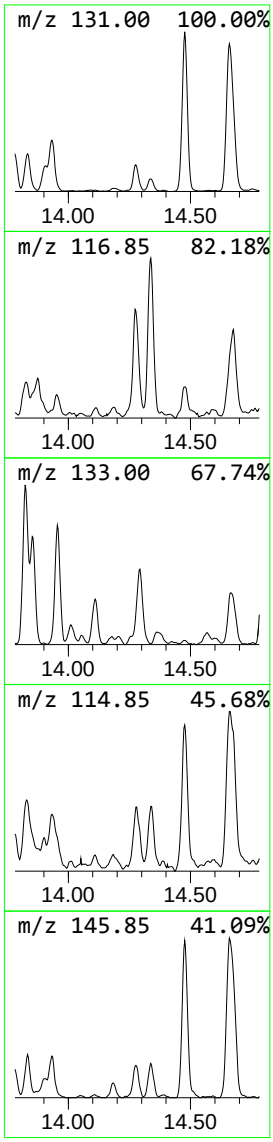
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, (1-ethyl-1-propenyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.280	1.74 ug/L	163714	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	87
2	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	55
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	53
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	46
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
Data File : VU060631.D
Acq On : 05 Sep 2024 17:33
Operator : MD/SY
Sample : P3809-13 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3F2

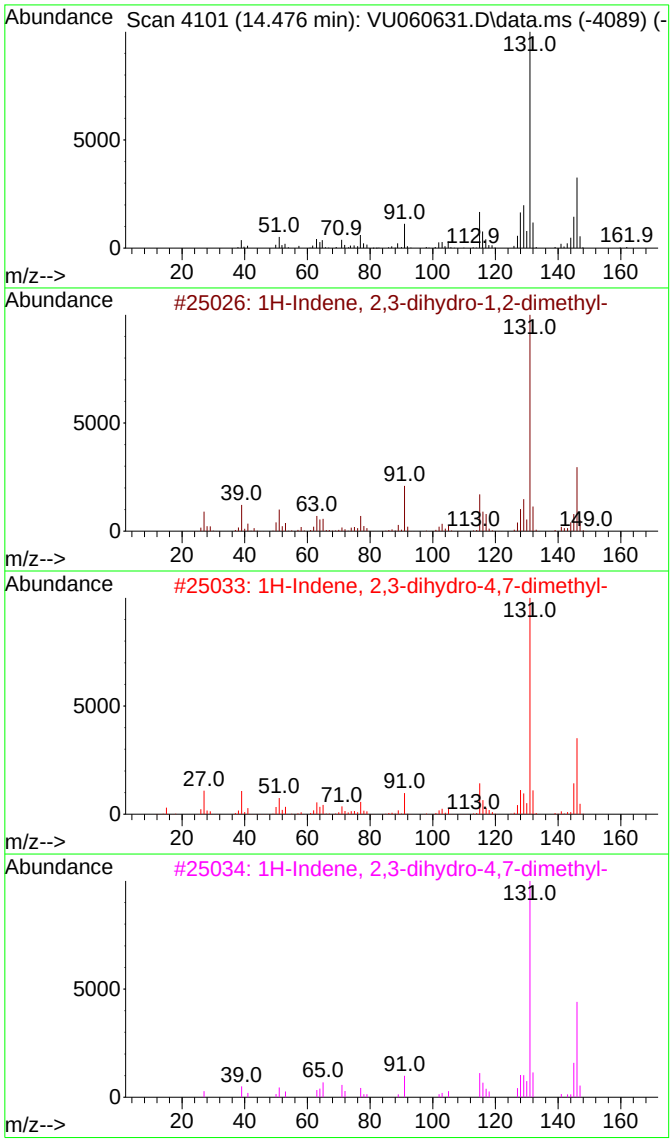
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

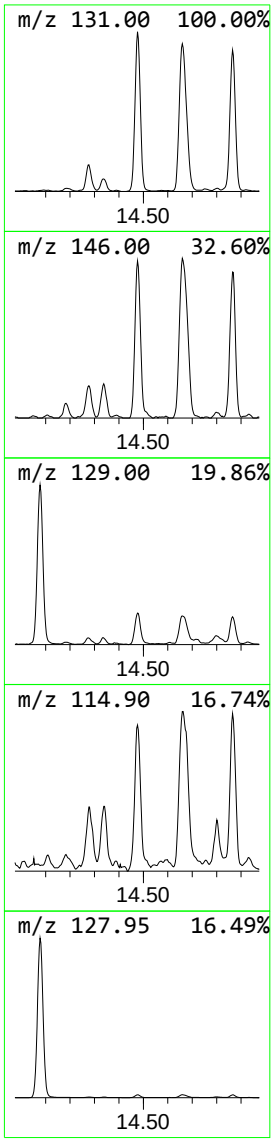
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.476	3.94 ug/L	370100	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91





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Data File : VU060631.D
Acq On : 05 Sep 2024 17:33
Operator : MD/SY
Sample : P3809-13 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3F2

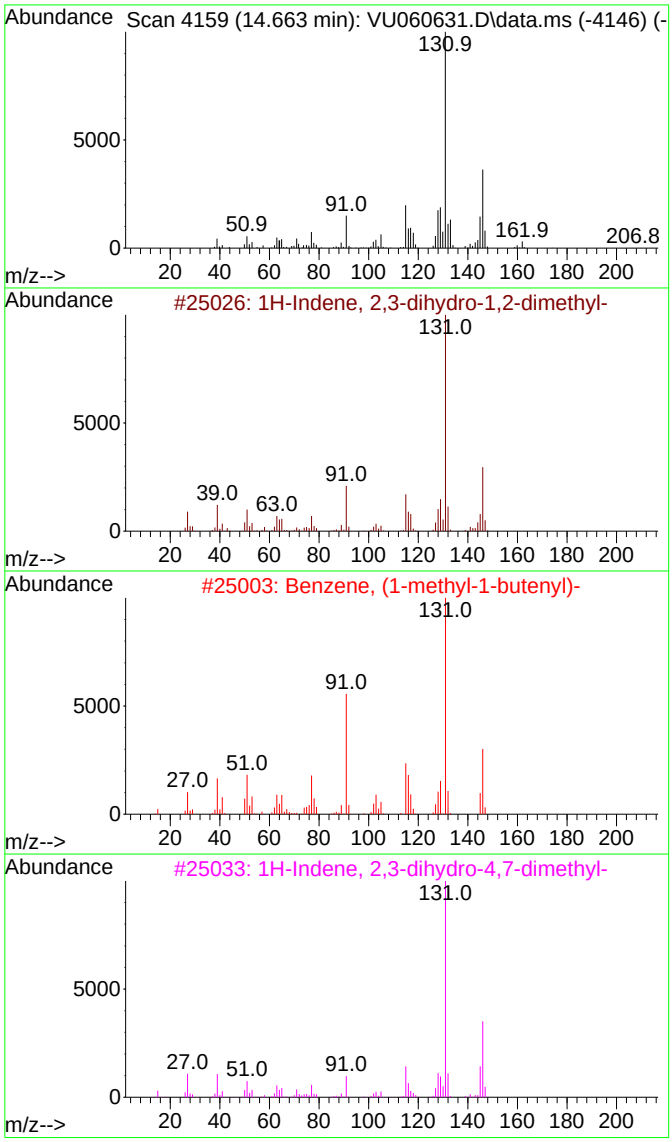
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

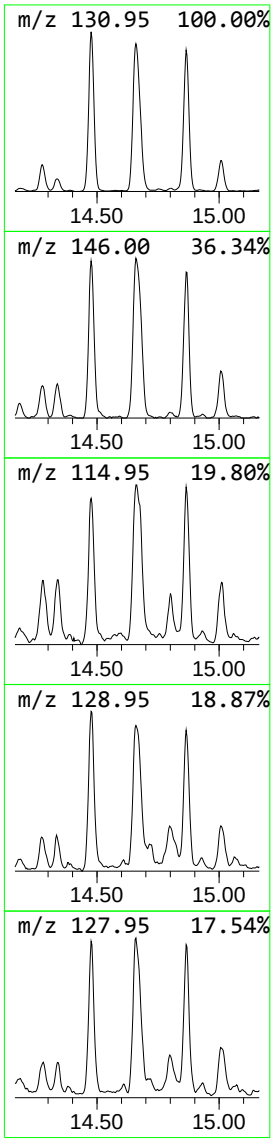
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, (1-methyl-1-butenyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.663	6.06 ug/L	569104	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	90
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
Data File : VU060631.D
Acq On : 05 Sep 2024 17:33
Operator : MD/SY
Sample : P3809-13 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3F2

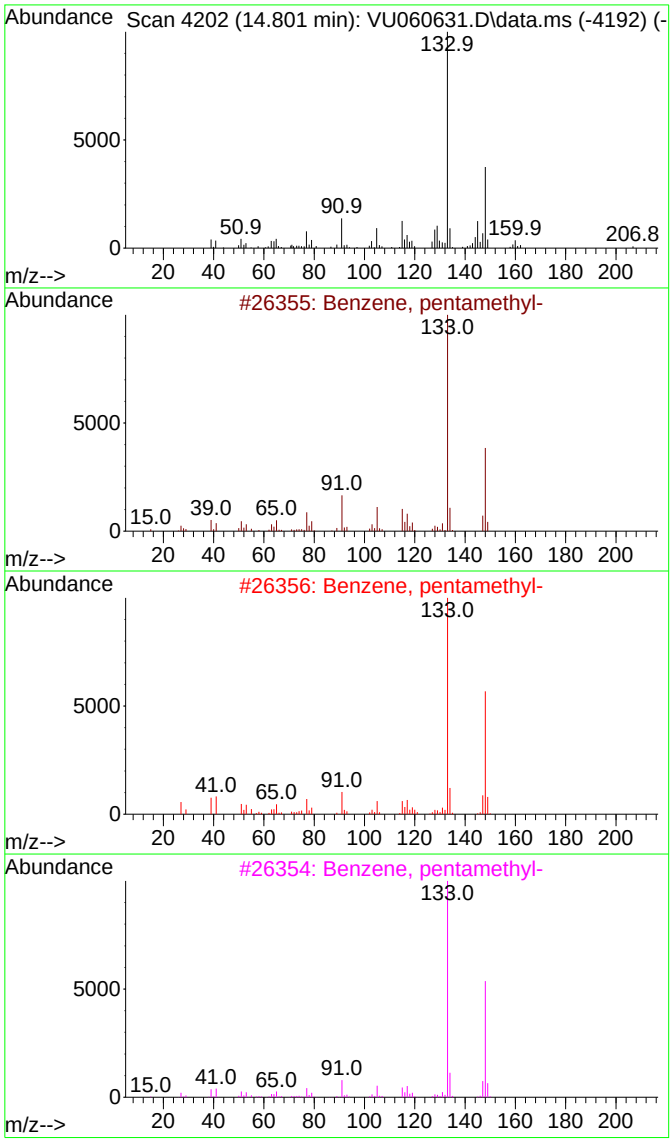
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

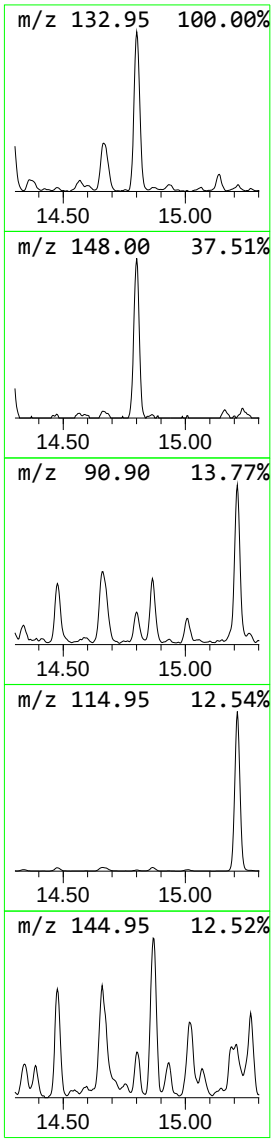
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.801	1.65 ug/L	155148	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	95
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	81
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	76
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	76
5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
Data File : VU060631.D
Acq On : 05 Sep 2024 17:33
Operator : MD/SY
Sample : P3809-13 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3F2

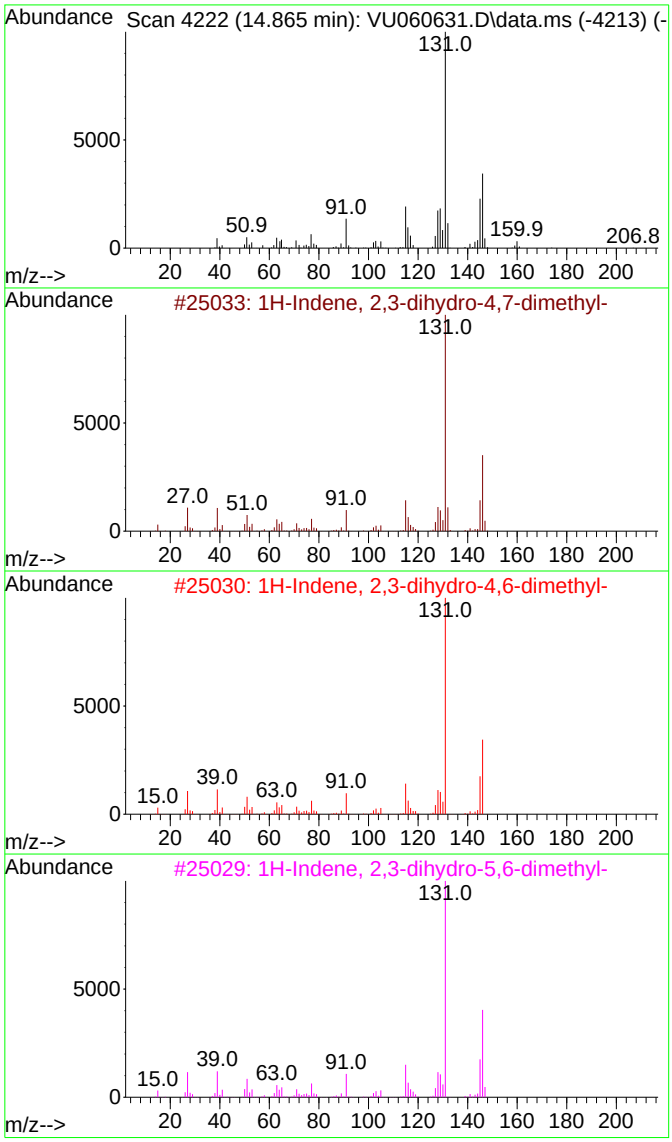
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

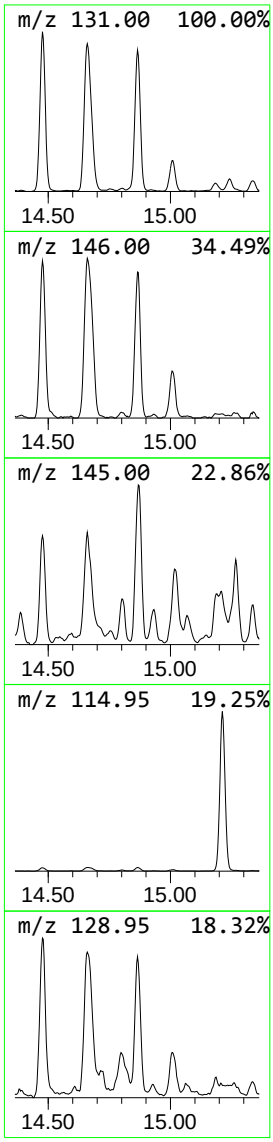
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.865	3.56 ug/L	334703	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
2	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	90
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	87
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	87
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
Data File : VU060631.D
Acq On : 05 Sep 2024 17:33
Operator : MD/SY
Sample : P3809-13 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3F2

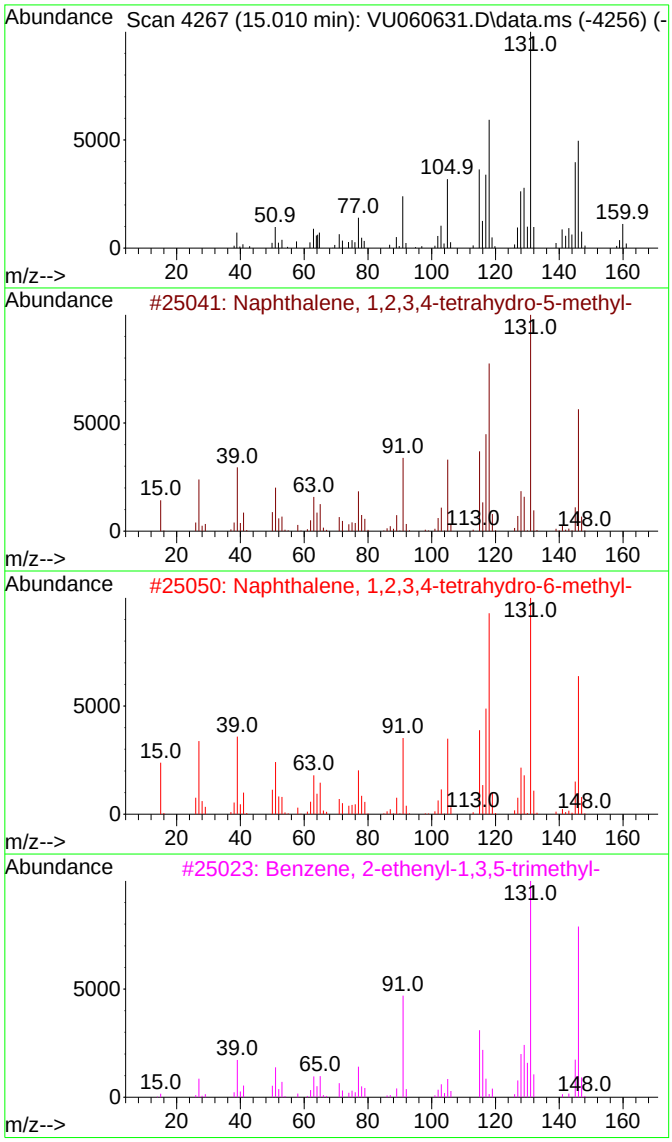
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

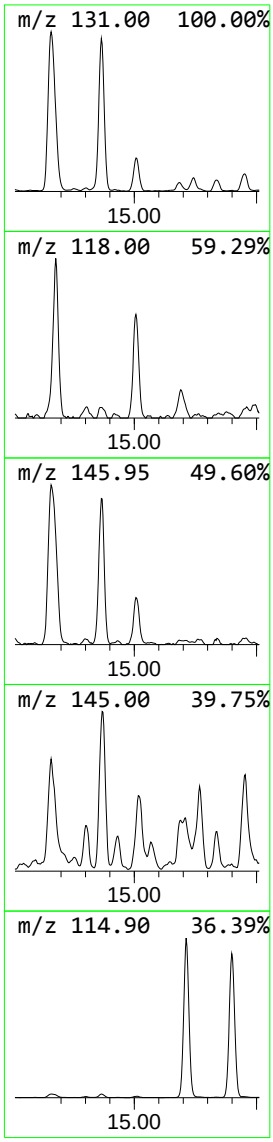
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.010	1.64 ug/L	154181	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	89
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	70
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	53
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	46
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	46





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Data File : VU060631.D
Acq On : 05 Sep 2024 17:33
Operator : MD/SY
Sample : P3809-13 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3F2

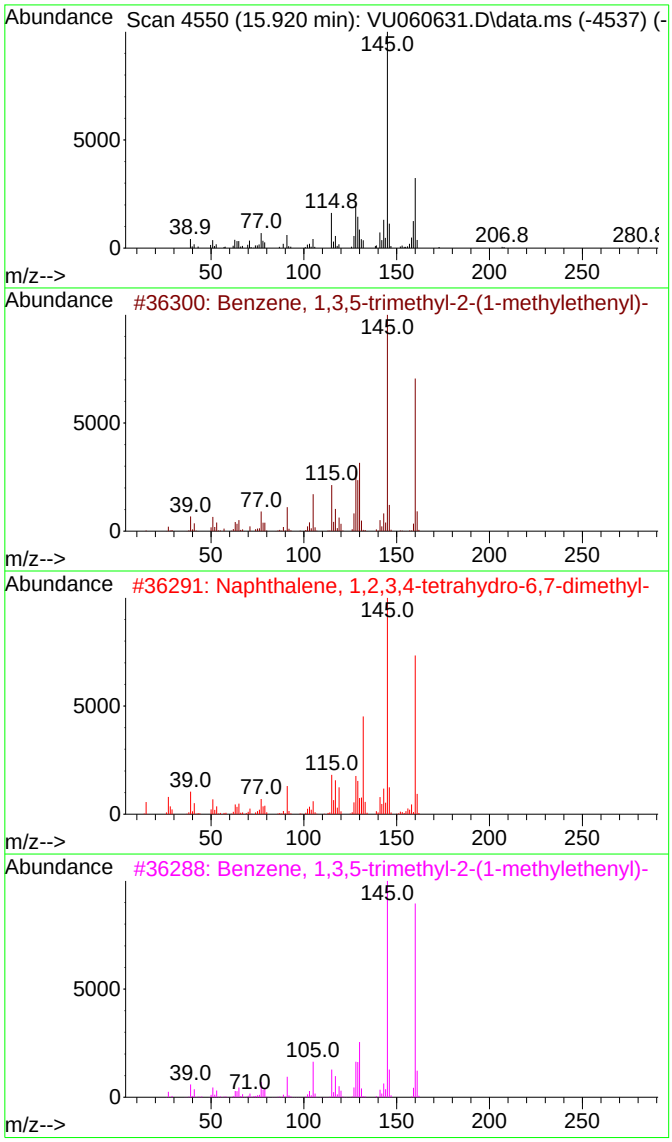
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

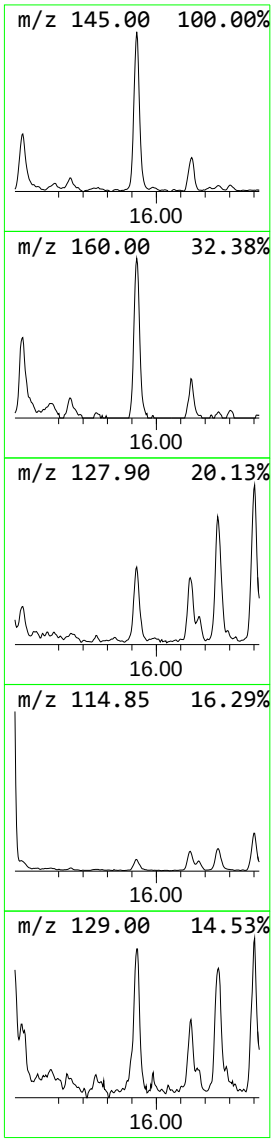
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.920	1.65 ug/L	154875	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	87
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	83
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	81
5	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
Data File : VU060631.D
Acq On : 05 Sep 2024 17:33
Operator : MD/SY
Sample : P3809-13 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3F2

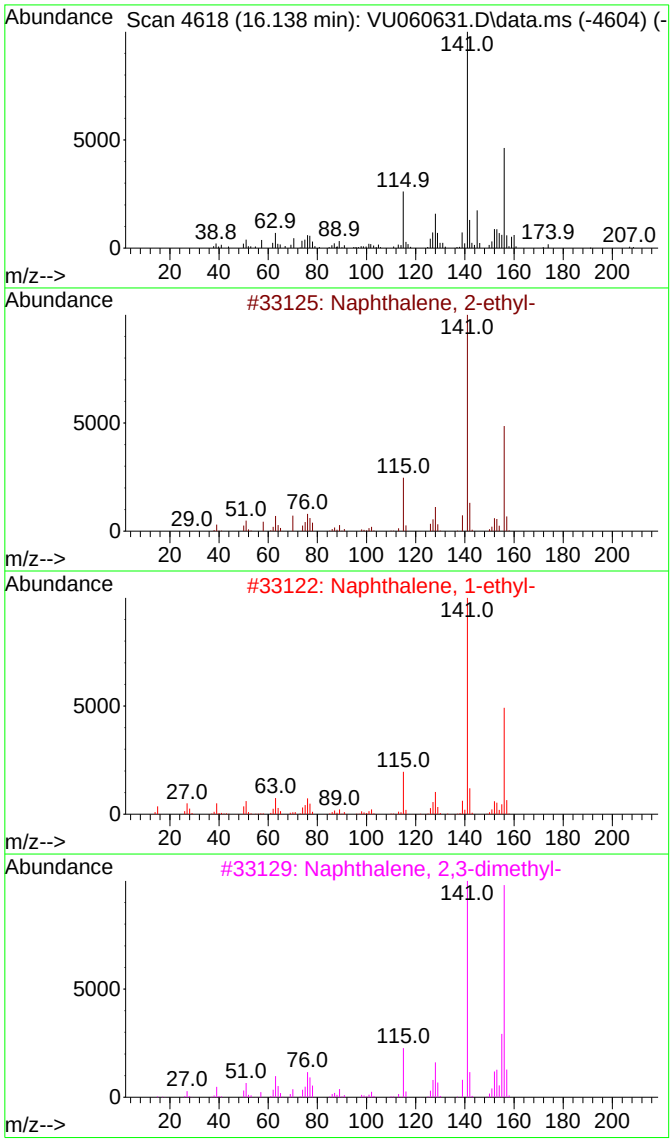
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

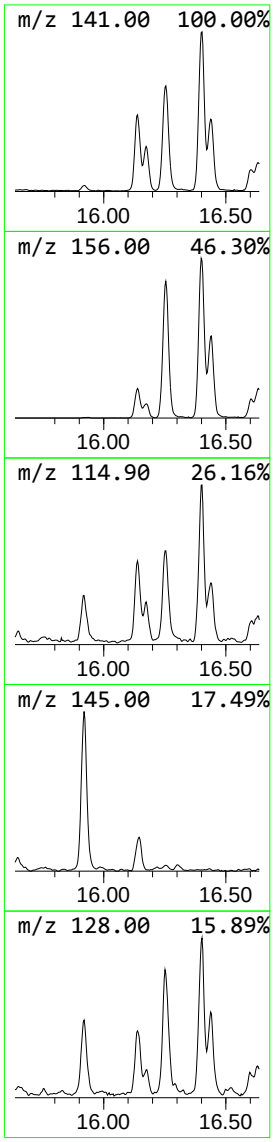
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Naphthalene, 2-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.138	1.82 ug/L	170586	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	91
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
Data File : VU060631.D
Acq On : 05 Sep 2024 17:33
Operator : MD/SY
Sample : P3809-13 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3F2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

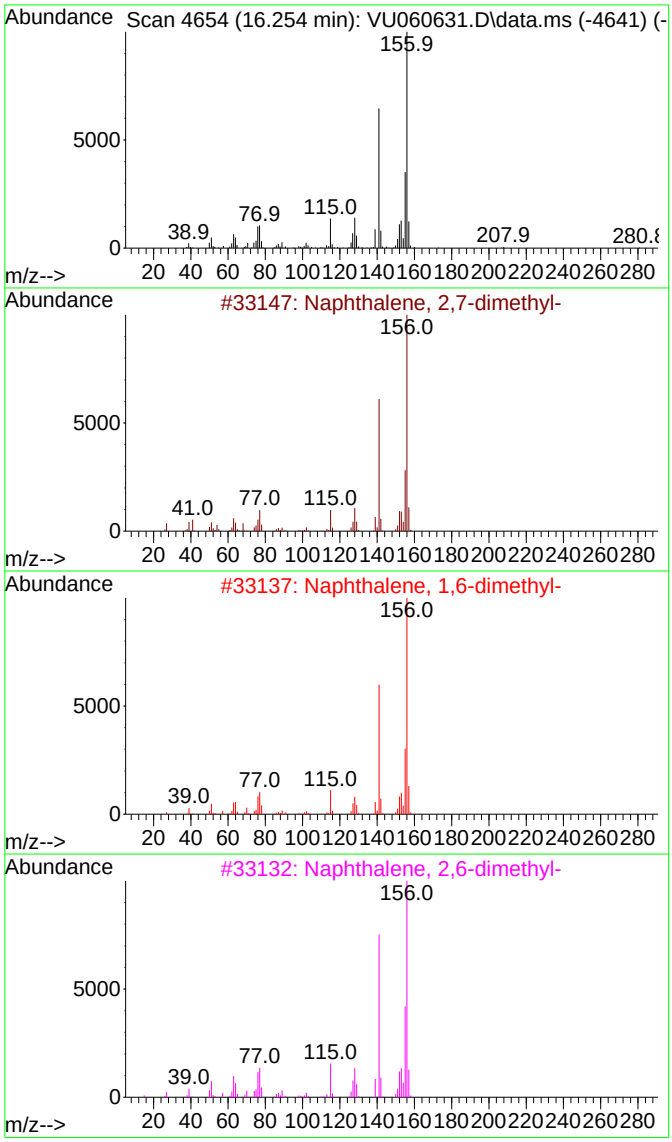
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

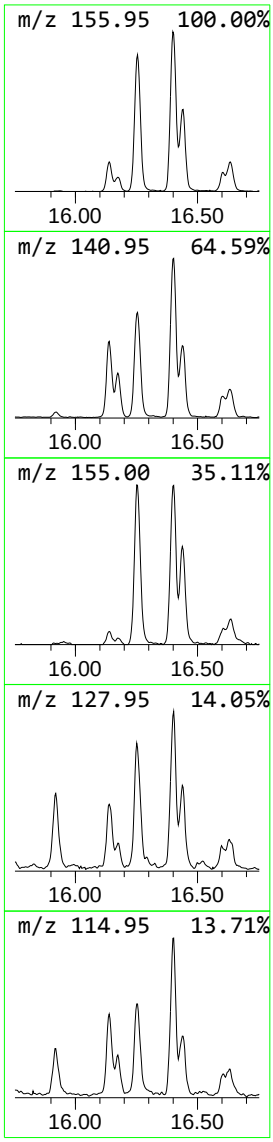
****

Peak Number 22 Naphthalene, 2,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.254	4.23 ug/L	397258	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
Data File : VU060631.D
Acq On : 05 Sep 2024 17:33
Operator : MD/SY
Sample : P3809-13 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3F2

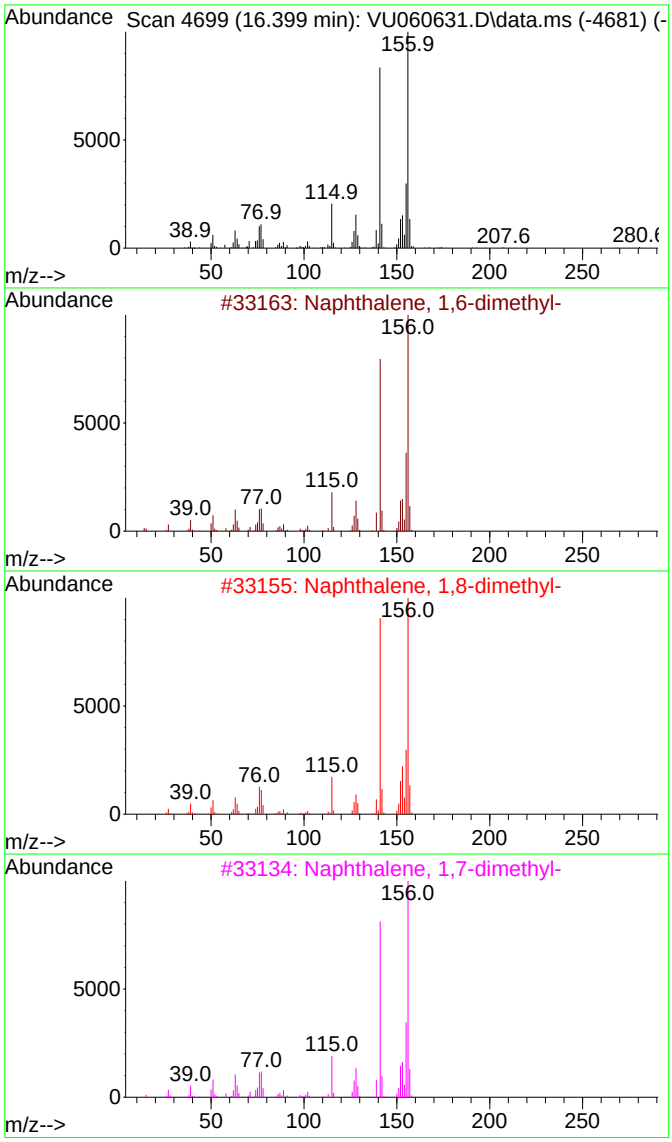
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

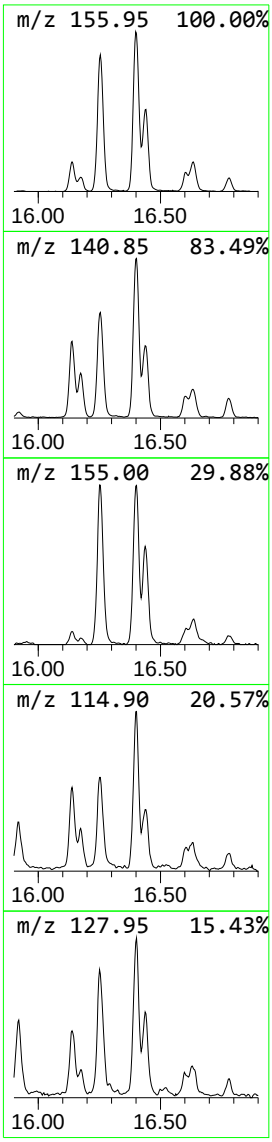
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Naphthalene, 1,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.399	4.88 ug/L	458687	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
Data File : VU060631.D
Acq On : 05 Sep 2024 17:33
Operator : MD/SY
Sample : P3809-13 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3F2

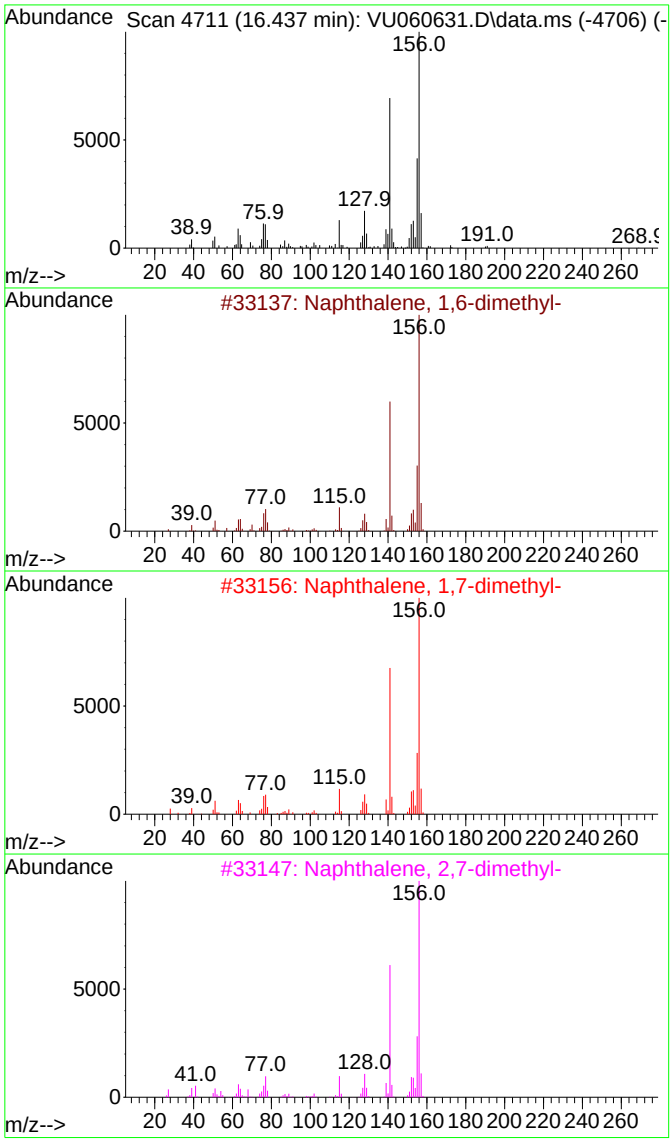
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

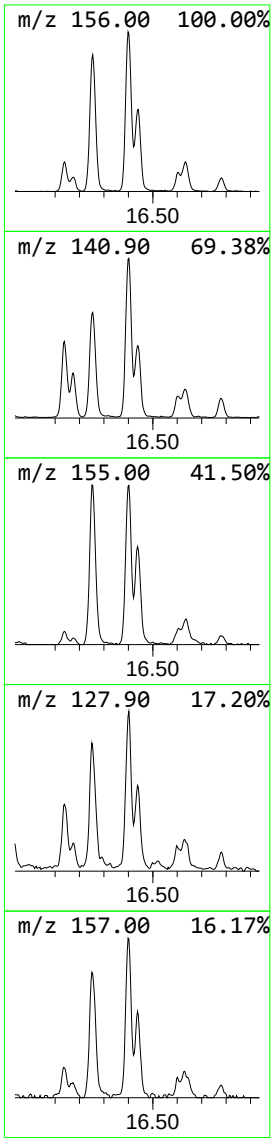
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Naphthalene, 1,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.437	2.39 ug/L	224172	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
Data File : VU060631.D
Acq On : 05 Sep 2024 17:33
Operator : MD/SY
Sample : P3809-13 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3F2

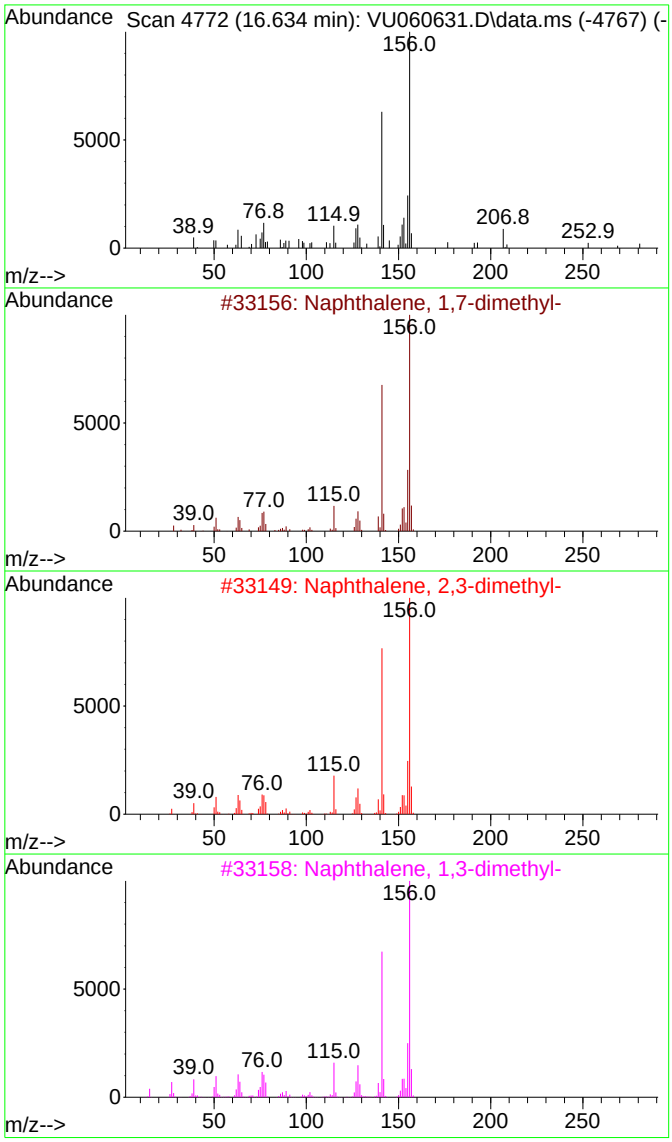
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0

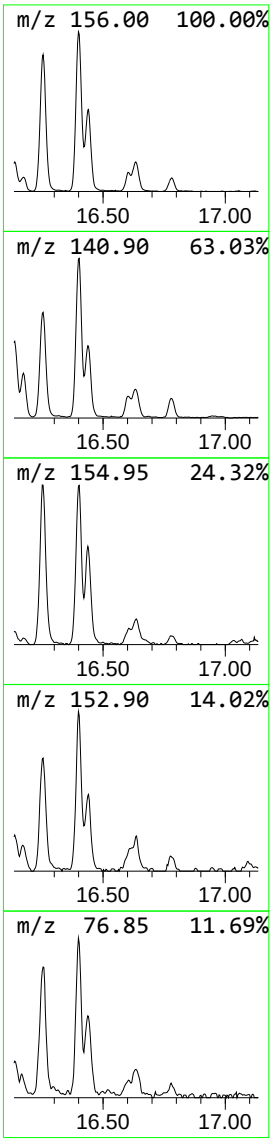
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Naphthalene, 2,3-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.634	0.86 ug/L	80427	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	90
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	90
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
Data File : VU060631.D
Acq On : 05 Sep 2024 17:33
Operator : MD/SY
Sample : P3809-13 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3F2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.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
Benzene, 1,2,3-...	11.888	1.3	ug/L	118440	3	11.807	469726	5.0
(Z)-1-Phenylpro...	12.090	0.9	ug/L	83275	3	11.807	469726	5.0
Benzene, 2-ethy...	12.563	1.0	ug/L	95266	3	11.807	469726	5.0
Benzene, 1,2,4,...	13.020	1.6	ug/L	149193	3	11.807	469726	5.0
Benzene, 2-ethe...	13.283	2.1	ug/L	200630	3	11.807	469726	5.0
1H-Indene, 2,3-...	13.447	6.6	ug/L	619334	3	11.807	469726	5.0
Cyclohexanemeth...	13.505	1.2	ug/L	114658	3	11.807	469726	5.0
Naphthalene, 1,...	13.614	1.7	ug/L	158063	3	11.807	469726	5.0
(+)-2-Bornanone	13.727	1.5	ug/L	138132	3	11.807	469726	5.0
Benzene, pentam...	13.827	2.6	ug/L	241574	3	11.807	469726	5.0
Benzene, (1-eth...	14.280	1.7	ug/L	163714	3	11.807	469726	5.0
1H-Indene, 2,3-...	14.476	3.9	ug/L	370100	3	11.807	469726	5.0
Benzene, (1-met...	14.663	6.1	ug/L	569104	3	11.807	469726	5.0
Benzene, 1,3-di...	14.801	1.6	ug/L	155148	3	11.807	469726	5.0
1H-Indene, 2,3-...	14.865	3.6	ug/L	334703	3	11.807	469726	5.0
Naphthalene, 1,...	15.010	1.6	ug/L	154181	3	11.807	469726	5.0
Benzene, 1,3,5-...	15.920	1.6	ug/L	154875	3	11.807	469726	5.0
Naphthalene, 2-...	16.138	1.8	ug/L	170586	3	11.807	469726	5.0
Naphthalene, 2,...	16.254	4.2	ug/L	397258	3	11.807	469726	5.0
Naphthalene, 1,...	16.399	4.9	ug/L	458687	3	11.807	469726	5.0
Naphthalene, 1,...	16.437	2.4	ug/L	224172	3	11.807	469726	5.0
Naphthalene, 2,...	16.634	0.9	ug/L	80427	3	11.807	469726	5.0