LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020525\
Data File : VU063177.D
Acq On : 05 Feb 2025 23:42
Operator : MD/SY
Sample : Q1226-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DCZL6

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\SFAMUTR020425WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU063177.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.431	964	977	1000	rBV2	77163	212290	1.39%	0.333%
2	5.711	1357	1375	1386	rBV2	102636	267241	1.75%	0.419%
3	6.238	1527	1539	1562	rBV	104105	209109	1.37%	0.328%
4	7.888	2042	2052	2067	rBV	116794	200502	1.31%	0.314%
5	8.621	2268	2280	2316	rBV	174442	325115	2.13%	0.509%
6	9.409	2514	2525	2546	rVB	148474	275752	1.81%	0.432%
7	9.682	2591	2610	2625	rBV2	146878	305973	2.00%	0.479%
8	10.090	2720	2737	2752	rBV	251479	407933	2.67%	0.639%
9	10.473	2844	2856	2878	rBV	438846	692704	4.53%	1.085%
10	10.894	2973	2987	3000	rBV	819077	1240254	8.12%	1.943%
11	10.987	3002	3016	3034	rVV	2309727	4904013	32.10%	7.684%
12	11.078	3034	3044	3062	rVB	936422	1427288	9.34%	2.236%
13	11.280	3096	3107	3130	rVB	1552715	2377541	15.56%	3.725%
14	11.457	3151	3162	3178	rVB	2854449	4329231	28.34%	6.783%
15	11.544	3178	3189	3199	rBV	338998	516027	3.38%	0.809%
16	11.631	3211	3216	3230	rVB	115086	172894	1.13%	0.271%
17	11.733	3237	3248	3256	rBV	153855	234698	1.54%	0.368%
18	11.801	3256	3269	3278	rVV3	176631	372505	2.44%	0.584%
19	11.881	3278	3294	3313	rVB	1034540	1713763	11.22%	2.685%
20	12.084	3344	3357	3375	rVV2	1296902	2309687	15.12%	3.619%
21	12.177	3375	3386	3410	rVB4	523607	1110631	7.27%	1.740%
22	12.290	3410	3421	3432	rBV	163056	256237	1.68%	0.401%
23	12.364	3432	3444	3459	rVB2	387328	655890	4.29%	1.028%
24	12.470	3459	3477	3496	rBV	9028208	15275860	100.00%	23.934%
25	12.560	3497	3505	3513	rVV	354788	546541	3.58%	0.856%
26	12.631	3513	3527	3534	rVV3	431923	749616	4.91%	1.174%
27	12.672	3534	3540	3560	rVB4	179543	419859	2.75%	0.658%
28	12.791	3568	3577	3588	rBV	272284	411341	2.69%	0.644%
29	12.862	3588	3599	3611	rVB3	192825	357433	2.34%	0.560%
30	12.971	3624	3633	3640	rBV2	580798	907817	5.94%	1.422%
31	13.090	3660	3670	3686	rVB3	187063	304948	2.00%	0.478%
32	13.245	3703	3718	3725	rBV	120868	197416	1.29%	0.309%
33	13.325	3735	3743	3755	rVB3	170026	273661	1.79%	0.429%
34	13.441	3769	3779	3785	rBV3	330782	537101	3.52%	0.842%
35	13.476	3786	3790	3810	rVB	216534	321629	2.11%	0.504%
36	13.611	3823	3832	3846	rVB2	123455	205337	1.34%	0.322%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020525\
Data File : VU063177.D
Acq On : 05 Feb 2025 23:42
Operator : MD/SY
Sample : Q1226-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DCZL6

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\SFAMUTR020425WMA.M
Title : TRACE VOA SFAM1.0

37	13.917	3916	3927	3934	rBV	2741755	3946968	25.84%	6.184%
38	13.965	3934	3942	3961	rVV3	1743399	3197015	20.93%	5.009%
39	14.077	3963	3977	3997	rVB	80941	196654	1.29%	0.308%
40	14.306	4039	4048	4056	rBV	339405	513805	3.36%	0.805%
41	14.354	4056	4063	4078	rVB	248702	383583	2.51%	0.601%
42	14.692	4160	4168	4177	rVB	287685	420473	2.75%	0.659%
43	14.772	4187	4193	4203	rVB2	234173	353834	2.32%	0.554%
44	14.833	4203	4212	4233	rVB3	123174	244114	1.60%	0.382%
45	14.939	4234	4245	4259	rBV	236749	394548	2.58%	0.618%
46	15.167	4303	4316	4327	rBV	4979418	7581173	49.63%	11.878%
47	15.251	4335	4342	4359	rVB	218253	371758	2.43%	0.582%
48	15.392	4374	4386	4411	rVB2	281862	637241	4.17%	0.998%
49	15.518	4415	4425	4452	rBV2	168309	337422	2.21%	0.529%
50	15.637	4452	4462	4469	rBV	130391	220184	1.44%	0.345%

Sum of corrected areas: 63824609

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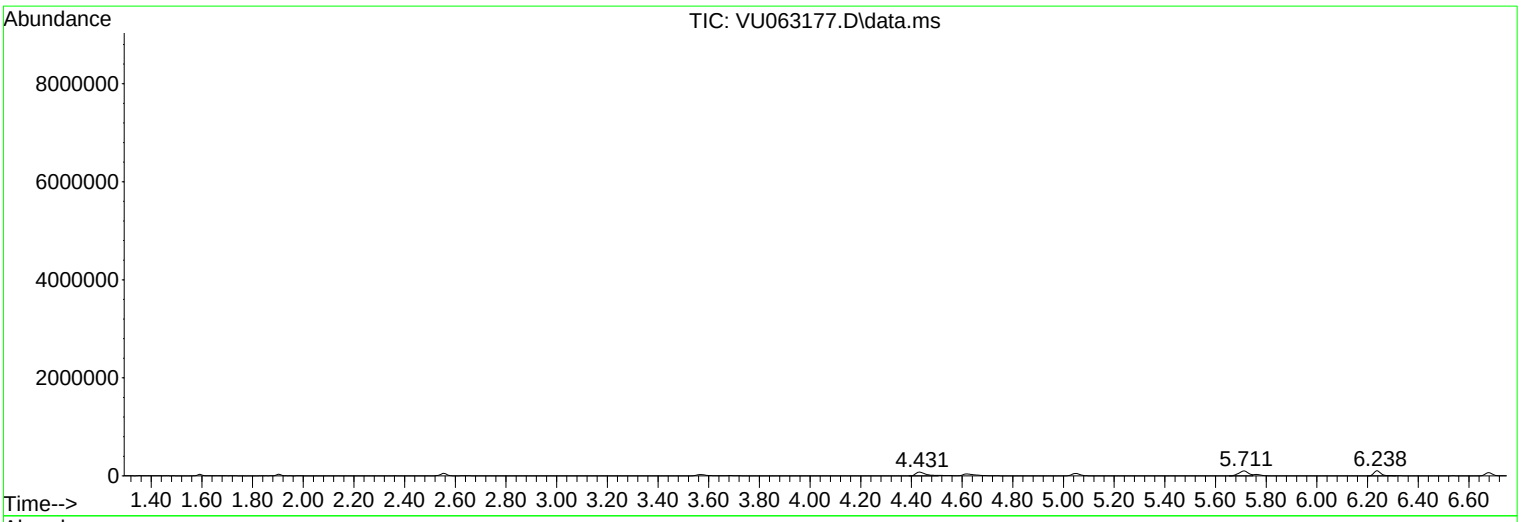
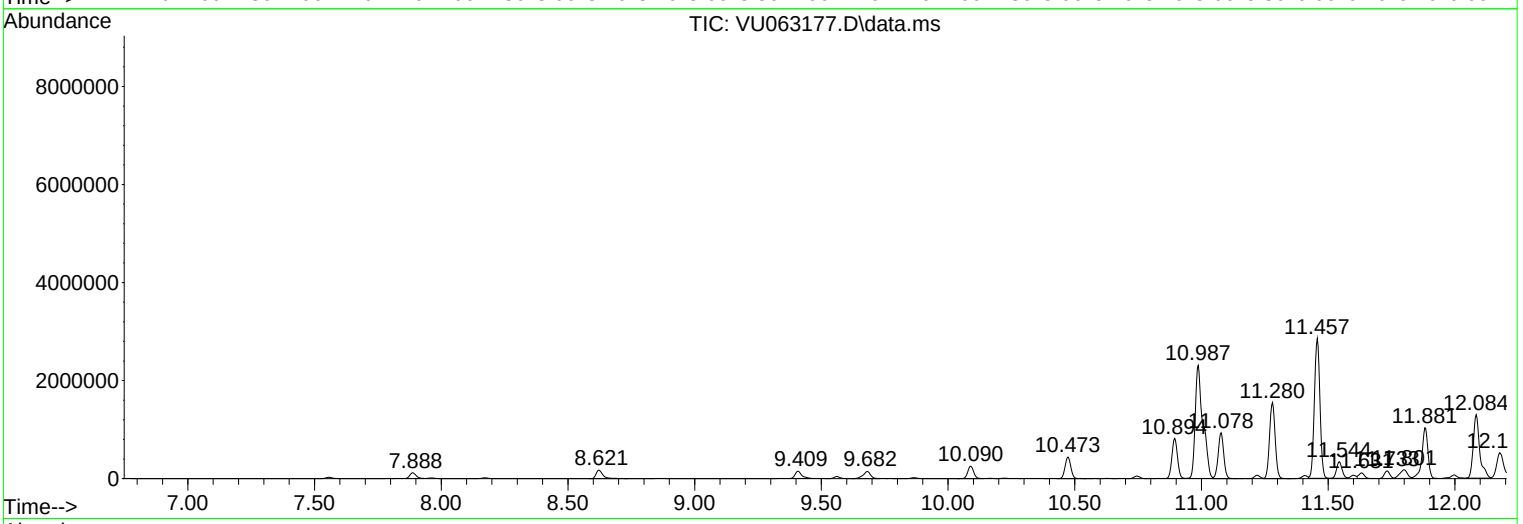
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

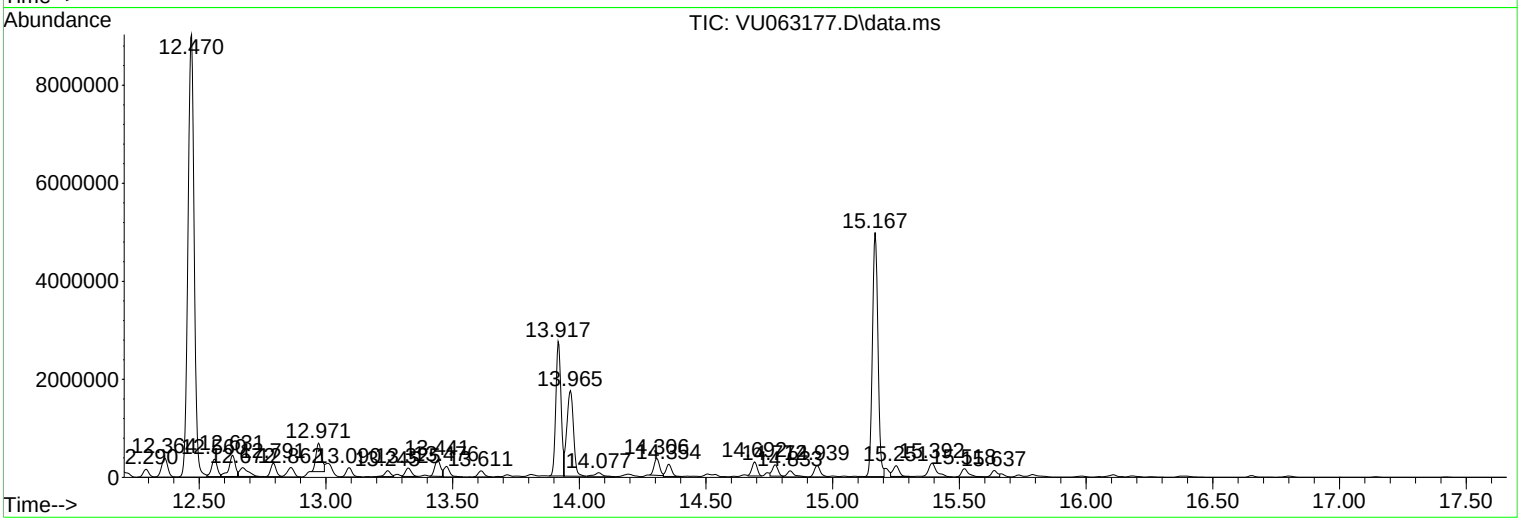
Instrument :
MSVOA_U
ClientSampleId :
DCZL6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.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\VU020525\
Data File : VU063177.D
Acq On : 05 Feb 2025 23:42
Operator : MD/SY
Sample : Q1226-21
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Instrument :
MSVOA_U
ClientSampleId :
DCZL6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
Quant Title : TRACE VOA SFAM1.0

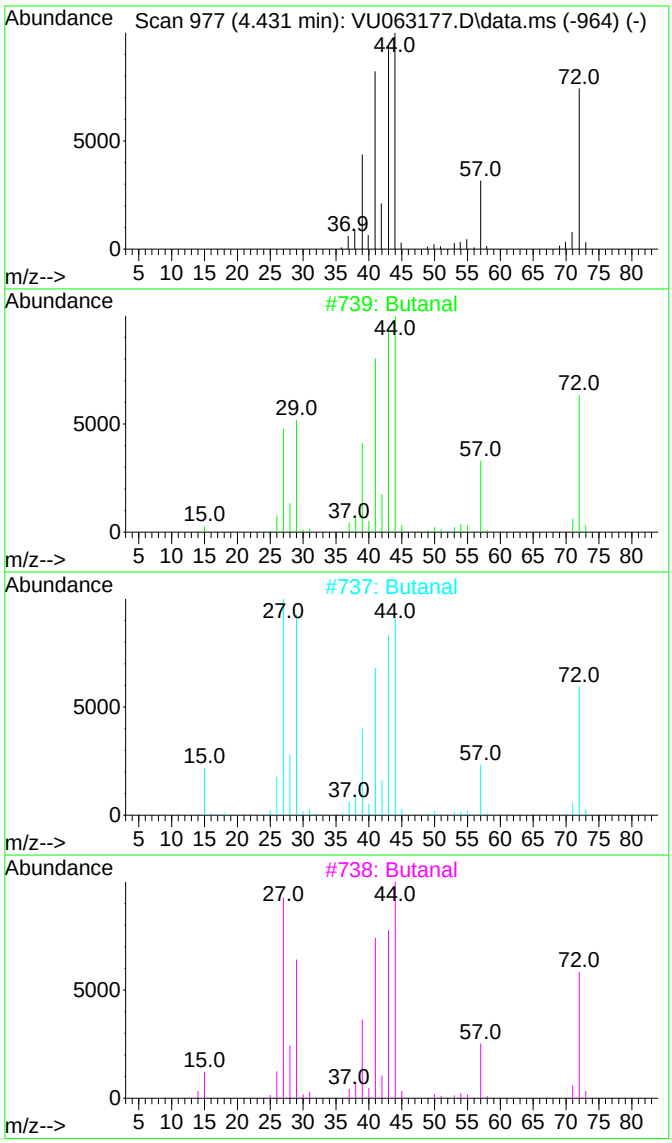
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

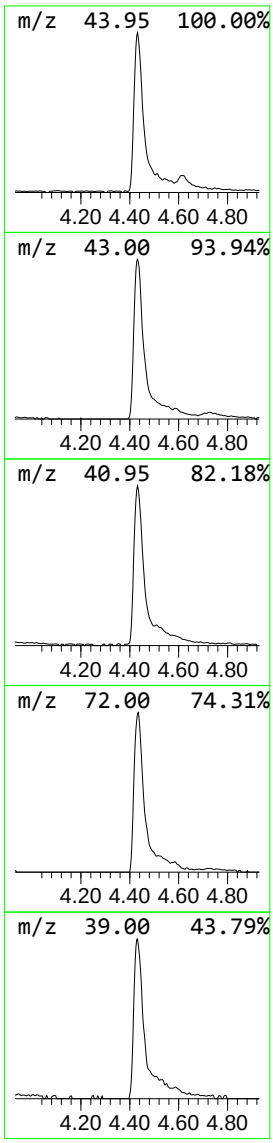
****

Peak Number 1 Butanal Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.431	5.08 ug/L	212290	1,4-Difluorobenzene	6.238

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal	72	C4H8O	000123-72-8	94
2	Butanal	72	C4H8O	000123-72-8	91
3	Butanal	72	C4H8O	000123-72-8	74
4	Butanal	72	C4H8O	000123-72-8	64
5	Propanal, 2-methyl-	72	C4H8O	000078-84-2	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020525\
Data File : VU063177.D
Acq On : 05 Feb 2025 23:42
Operator : MD/SY
Sample : Q1226-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DCZL6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
Quant Title : TRACE VOA SFAM1.0

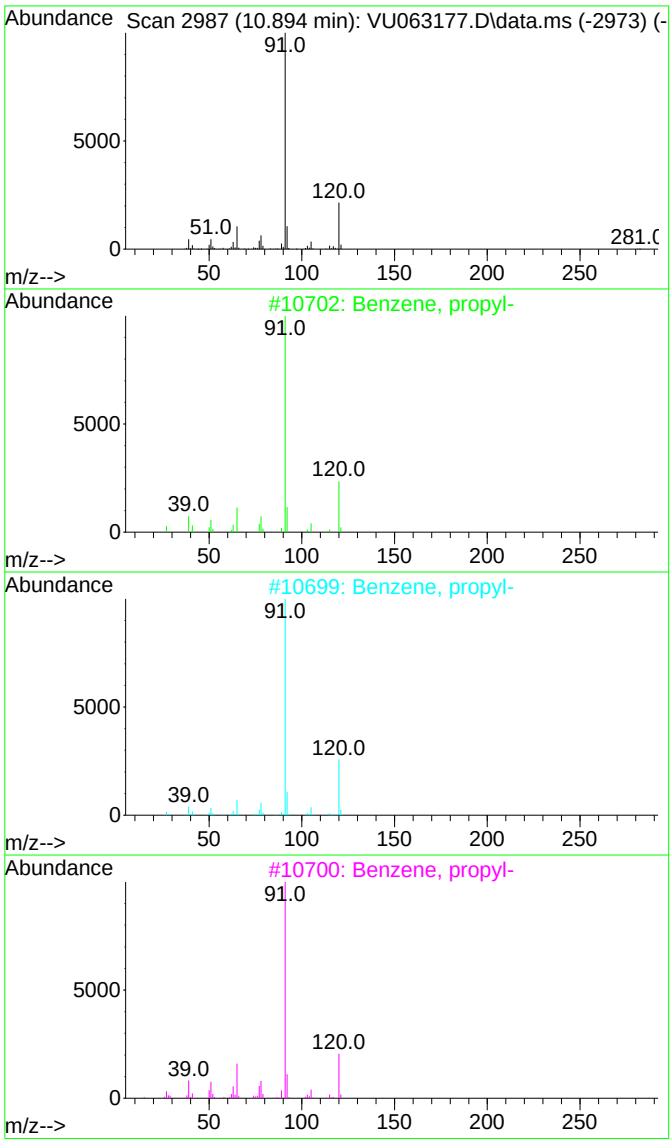
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

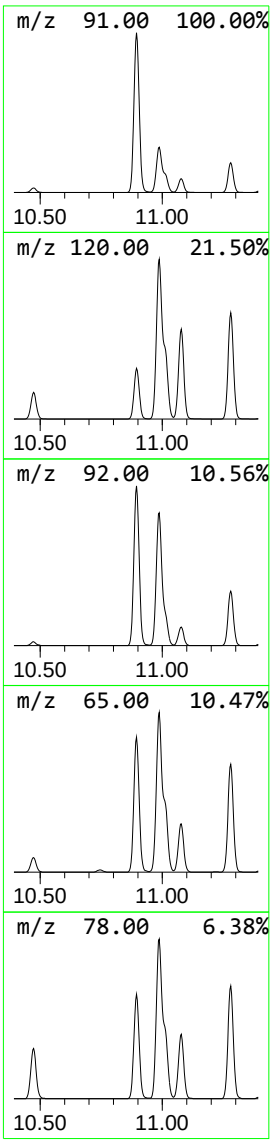
****

Peak Number 2 Benzene, propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.894	16.65 ug/L	1240250	1,4-Dichlorobenzene-d4	11.801

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	90
4	Benzene, propyl-	120	C9H12	000103-65-1	90
5	N-Isobutyl(phenyl)methanesulfona...	227	C11H17NO2S	144615-94-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020525\
Data File : VU063177.D
Acq On : 05 Feb 2025 23:42
Operator : MD/SY
Sample : Q1226-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DCZL6

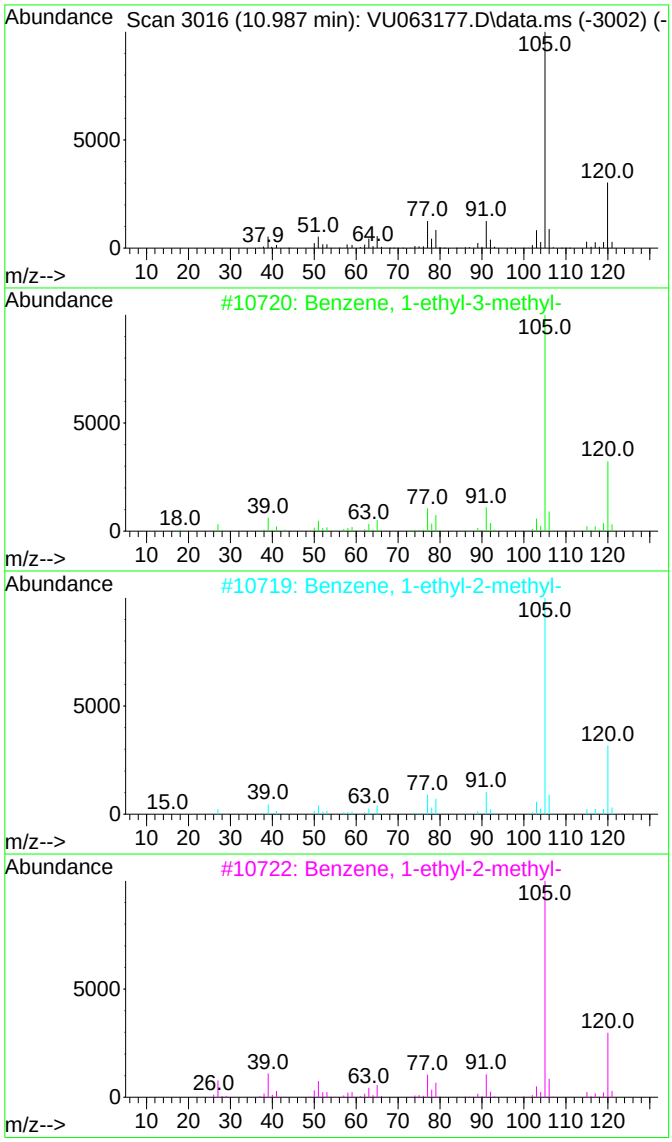
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
Quant Title : TRACE VOA SFAM1.0

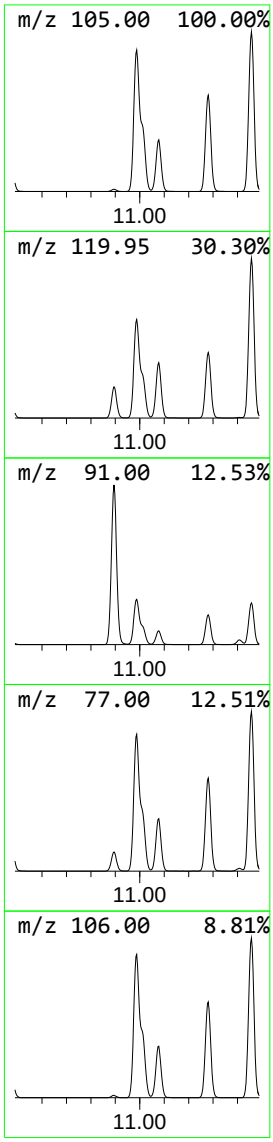
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.988	65.82 ug/L	4904010	1,4-Dichlorobenzene-d4	11.801

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020525\
Data File : VU063177.D
Acq On : 05 Feb 2025 23:42
Operator : MD/SY
Sample : Q1226-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DCZL6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
Quant Title : TRACE VOA SFAM1.0

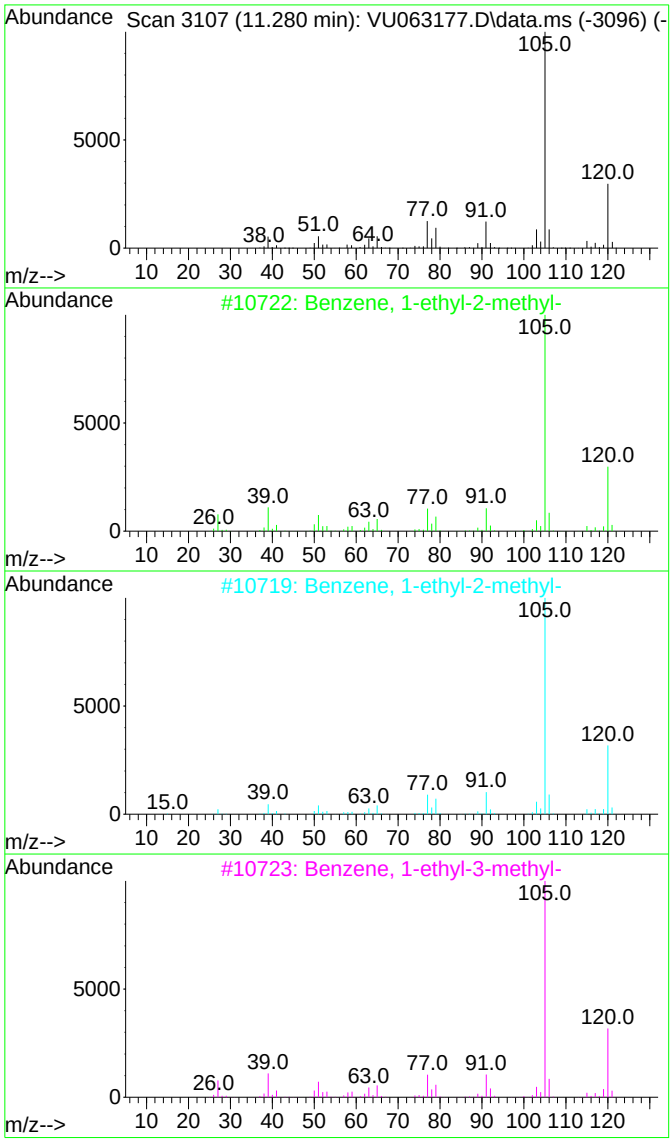
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

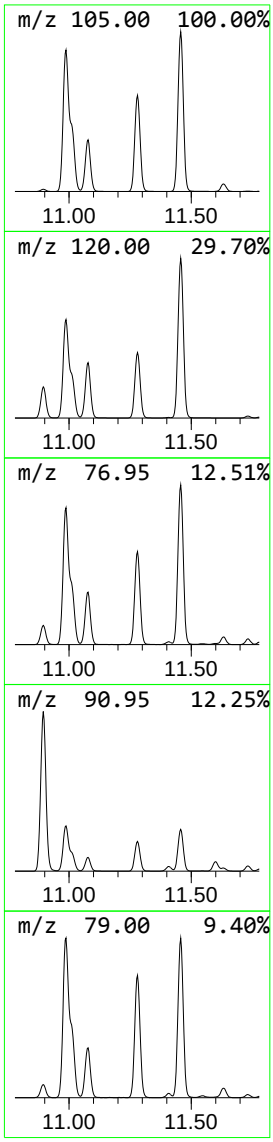
****

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.280	31.91 ug/L	2377540	1,4-Dichlorobenzene-d4	11.801

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





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Data File : VU063177.D
Acq On : 05 Feb 2025 23:42
Operator : MD/SY
Sample : Q1226-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DCZL6

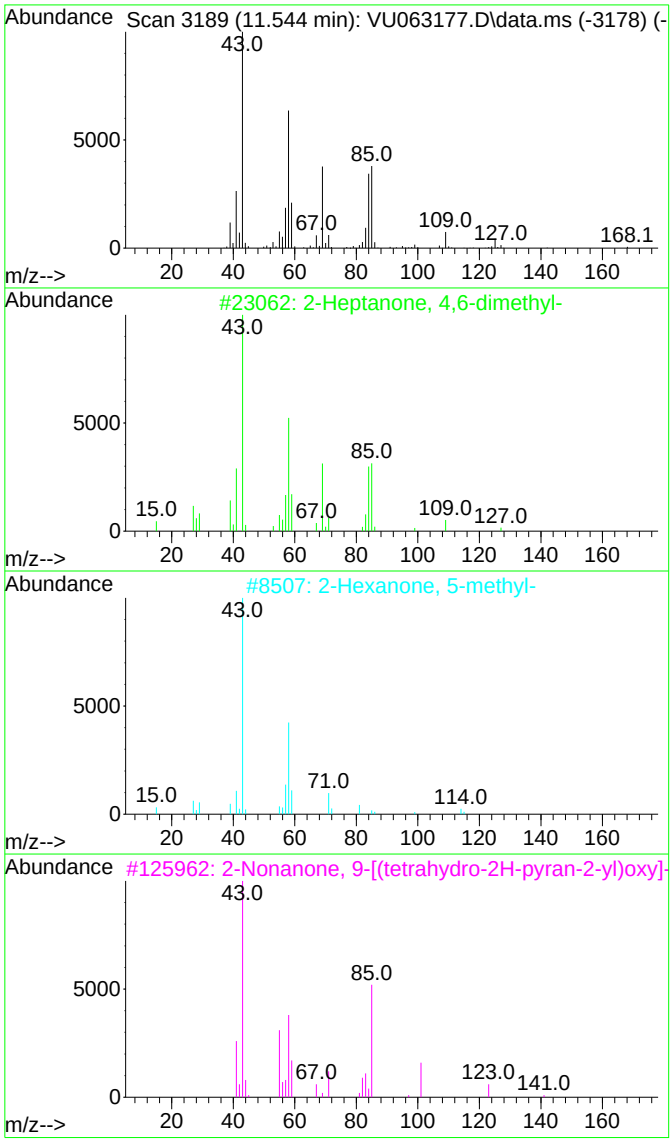
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
Quant Title : TRACE VOA SFAM1.0

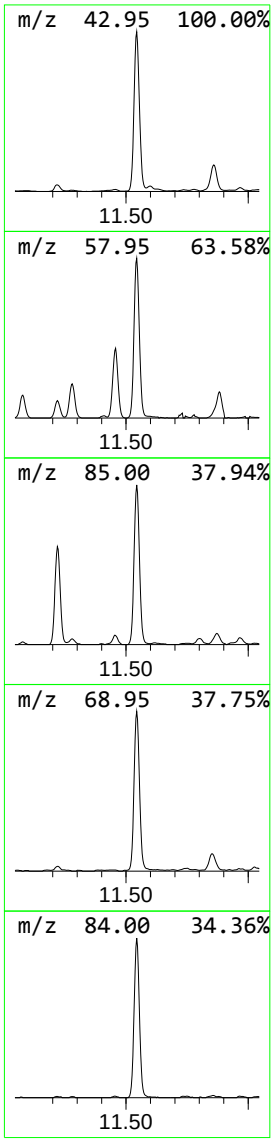
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Heptanone, 4,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.544	6.93 ug/L	516027	1,4-Dichlorobenzene-d4	11.801

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	90
2	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	47
3	2-Nonanone, 9-[(tetrahydro-2H-py...	242	C14H26O3	054699-41-1	47
4	Oxirane, 2,3-diethyl-	100	C6H12O	004468-66-0	38
5	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020525\
Data File : VU063177.D
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Operator : MD/SY
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ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DCZL6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
Quant Title : TRACE VOA SFAM1.0

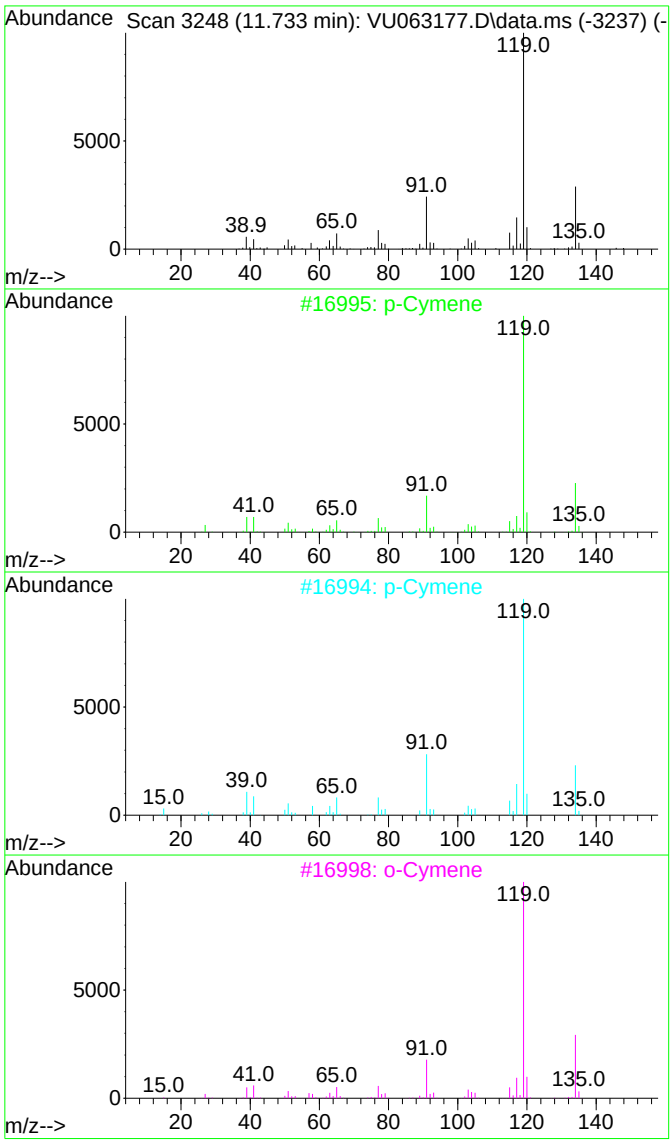
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

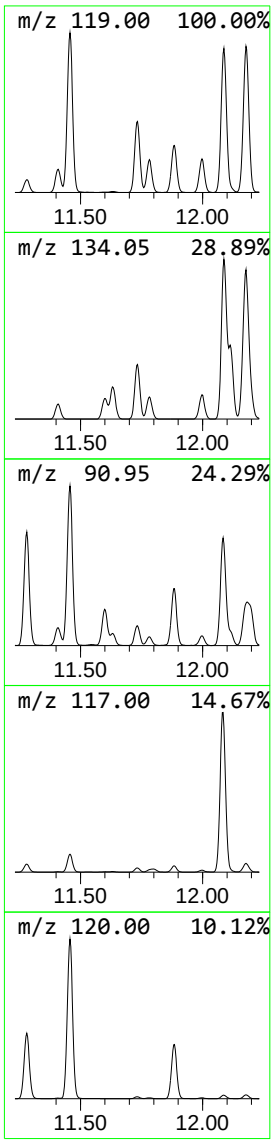
****

Peak Number 7 p-Cymene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.733	3.15 ug/L	234698	1,4-Dichlorobenzene-d4	11.801

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	p-Cymene	134	C10H14	000099-87-6	97
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	o-Cymene	134	C10H14	000527-84-4	95





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Data File : VU063177.D
Acq On : 05 Feb 2025 23:42
Operator : MD/SY
Sample : Q1226-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DCZL6

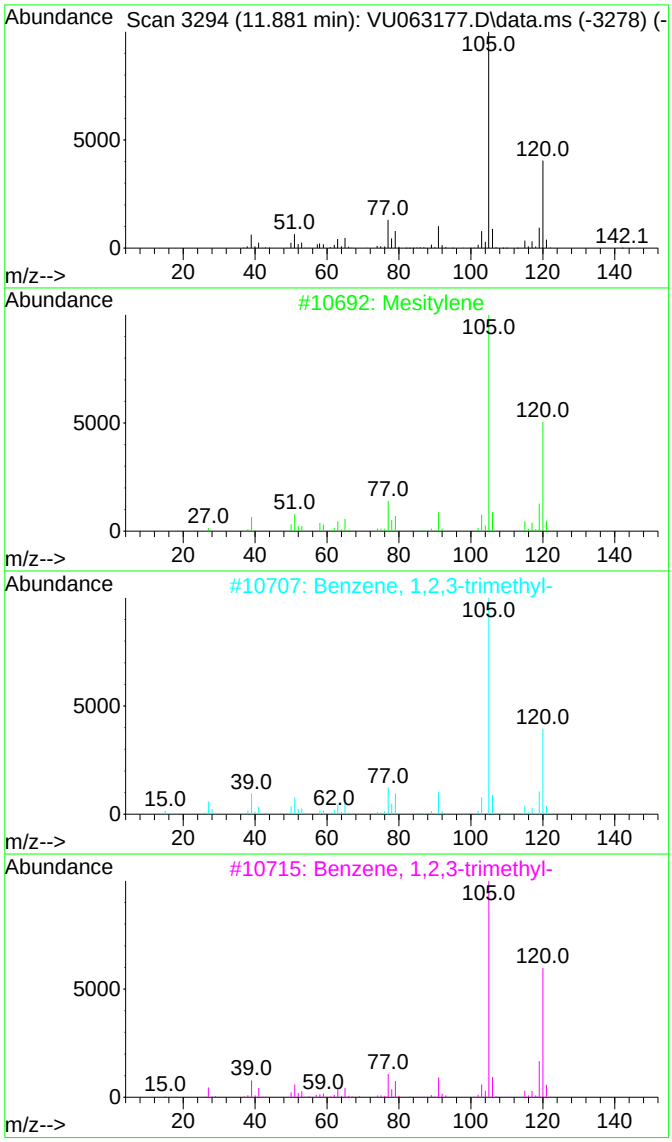
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
Quant Title : TRACE VOA SFAM1.0

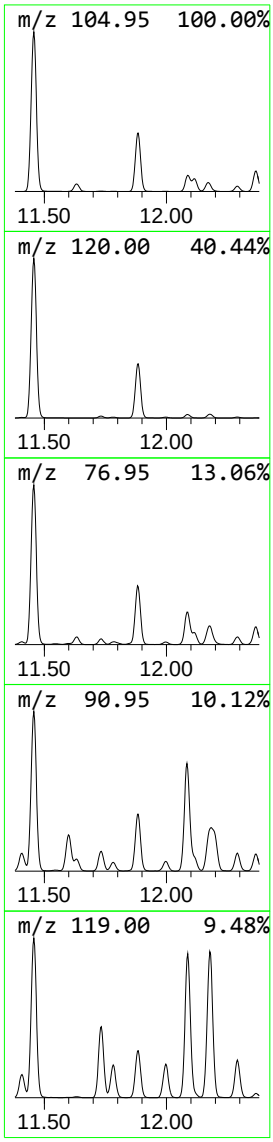
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.881	23.00 ug/L	1713760	1,4-Dichlorobenzene-d4	11.801

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	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020525\
Data File : VU063177.D
Acq On : 05 Feb 2025 23:42
Operator : MD/SY
Sample : Q1226-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DCZL6

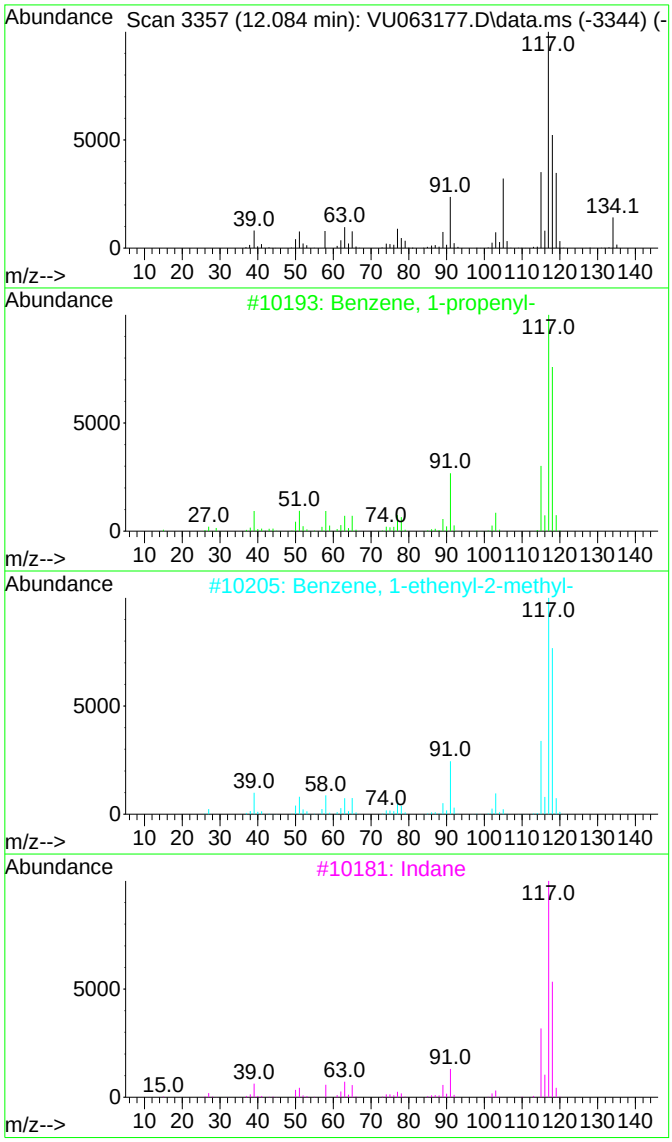
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
Quant Title : TRACE VOA SFAM1.0

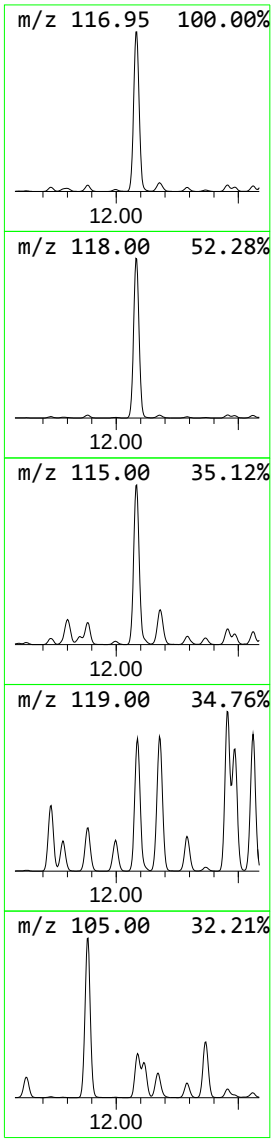
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-propenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.084	31.00 ug/L	2309690	1,4-Dichlorobenzene-d4	11.801

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	92
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	91
3	Indane	118	C9H10	000496-11-7	64
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020525\
Data File : VU063177.D
Acq On : 05 Feb 2025 23:42
Operator : MD/SY
Sample : Q1226-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DCZL6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
Quant Title : TRACE VOA SFAM1.0

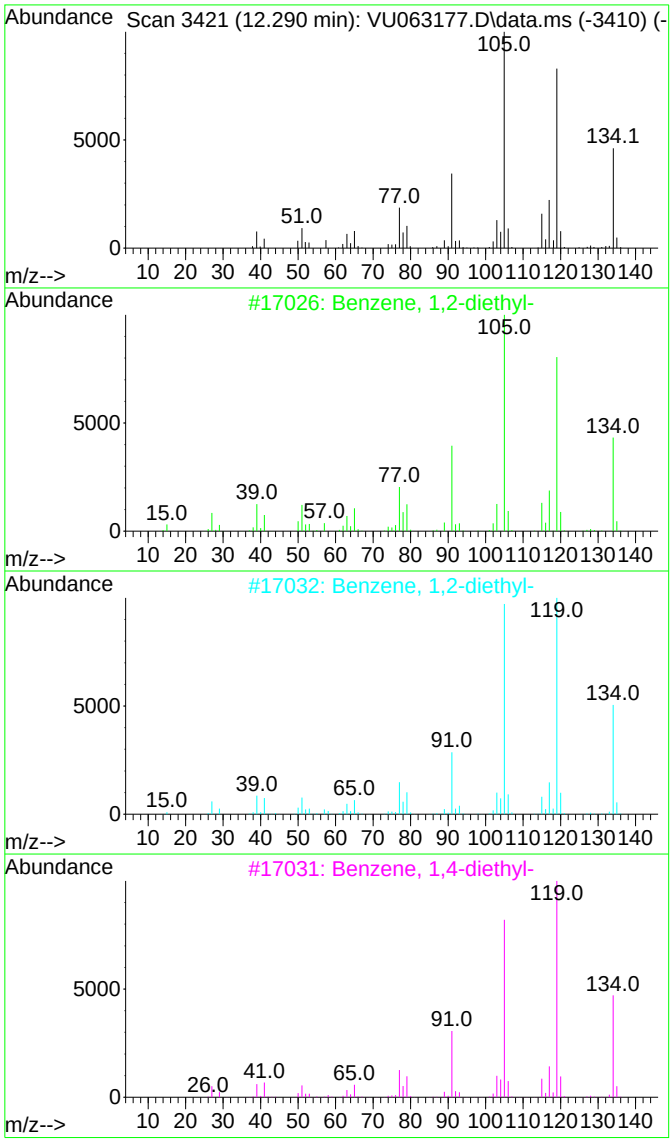
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

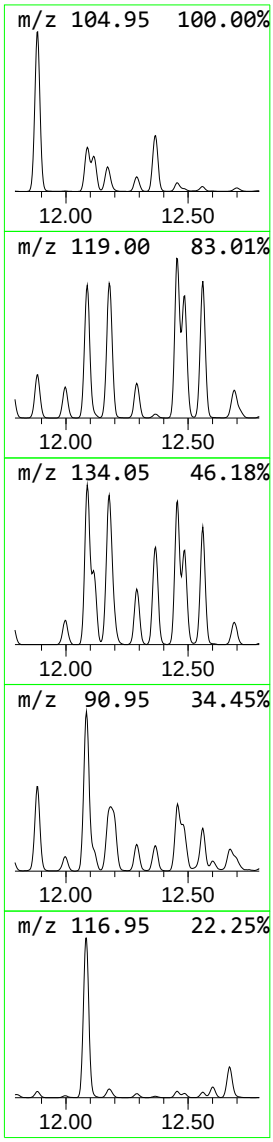
****

Peak Number 10 Benzene, 1,2-diethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.290	3.44 ug/L	256237	1,4-Dichlorobenzene-d4	11.801

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	98
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87





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Acq On : 05 Feb 2025 23:42
Operator : MD/SY
Sample : Q1226-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DCZL6

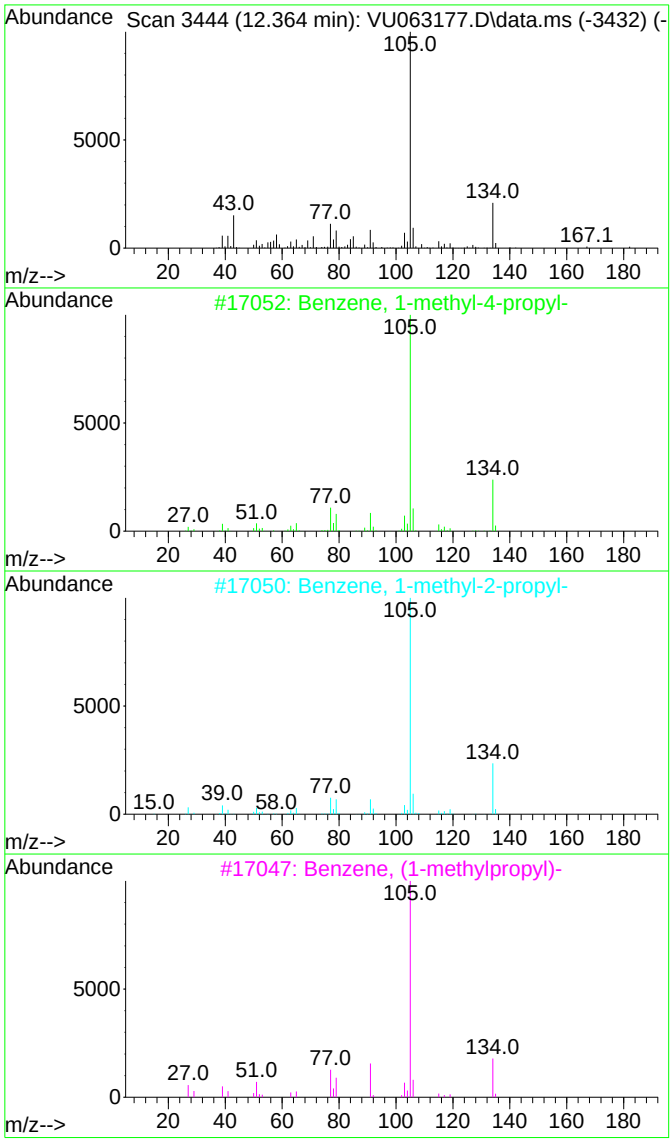
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
Quant Title : TRACE VOA SFAM1.0

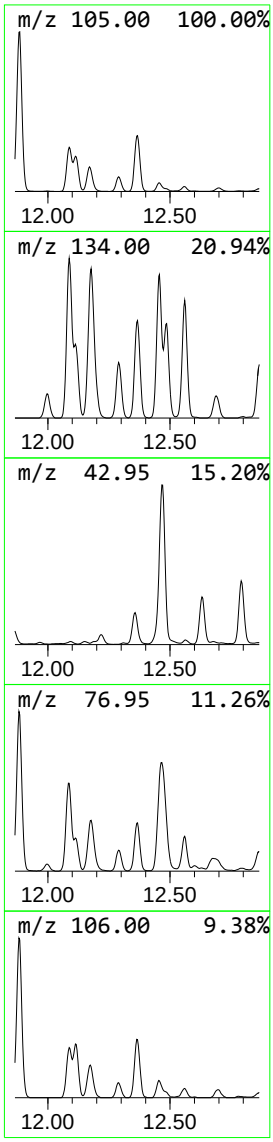
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-methyl-4-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.364	8.80 ug/L	655890	1,4-Dichlorobenzene-d4	11.801

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	93
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87





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Data File : VU063177.D
Acq On : 05 Feb 2025 23:42
Operator : MD/SY
Sample : Q1226-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DCZL6

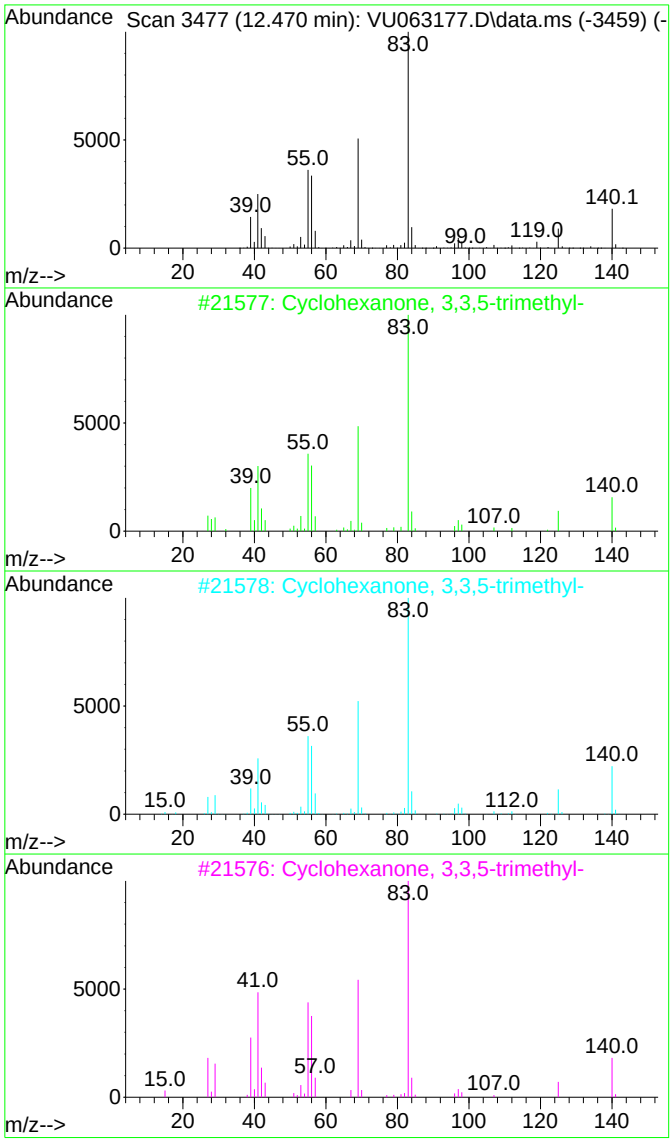
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
Quant Title : TRACE VOA SFAM1.0

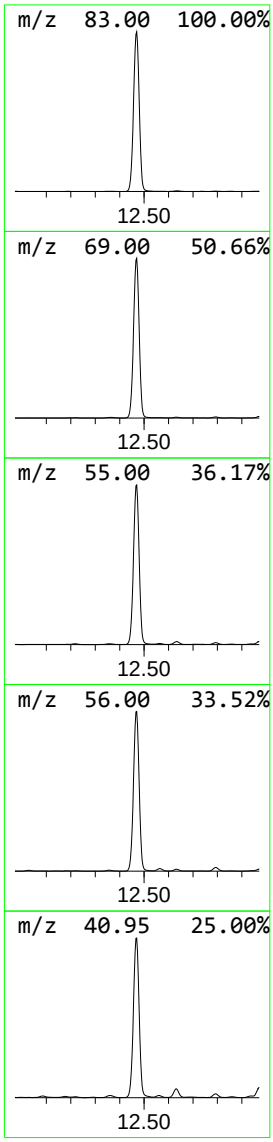
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclohexanone, 3,3,5-trimet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.470	205.04 ug/L	15275900	1,4-Dichlorobenzene-d4	11.801

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	97
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	96
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	95
4	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
5	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	53





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Data File : VU063177.D
Acq On : 05 Feb 2025 23:42
Operator : MD/SY
Sample : Q1226-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DCZL6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
Quant Title : TRACE VOA SFAM1.0

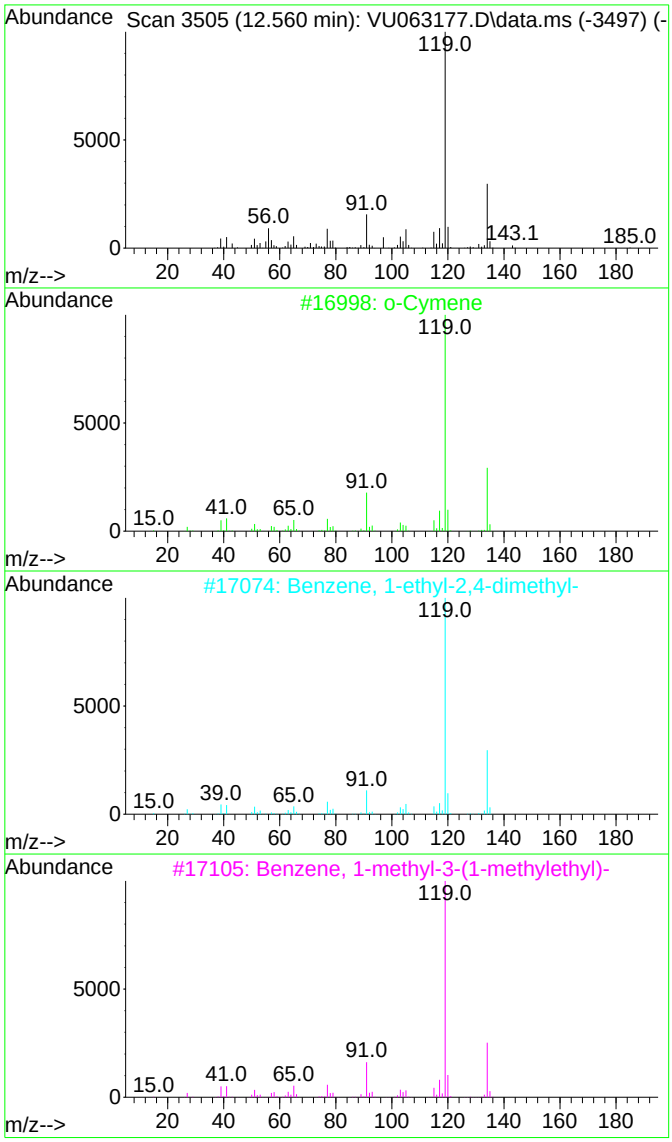
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

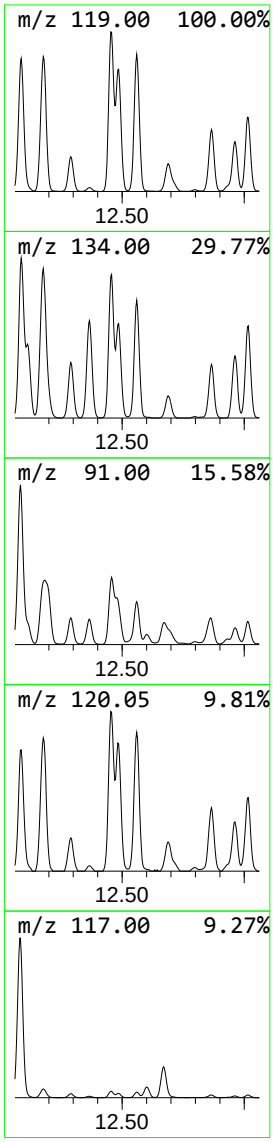
****

Peak Number 13 o-Cymene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.560	7.34 ug/L	546541	1,4-Dichlorobenzene-d4	11.801

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	o-Cymene	134	C10H14	000527-84-4	94





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Data File : VU063177.D
Acq On : 05 Feb 2025 23:42
Operator : MD/SY
Sample : Q1226-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DCZL6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
Quant Title : TRACE VOA SFAM1.0

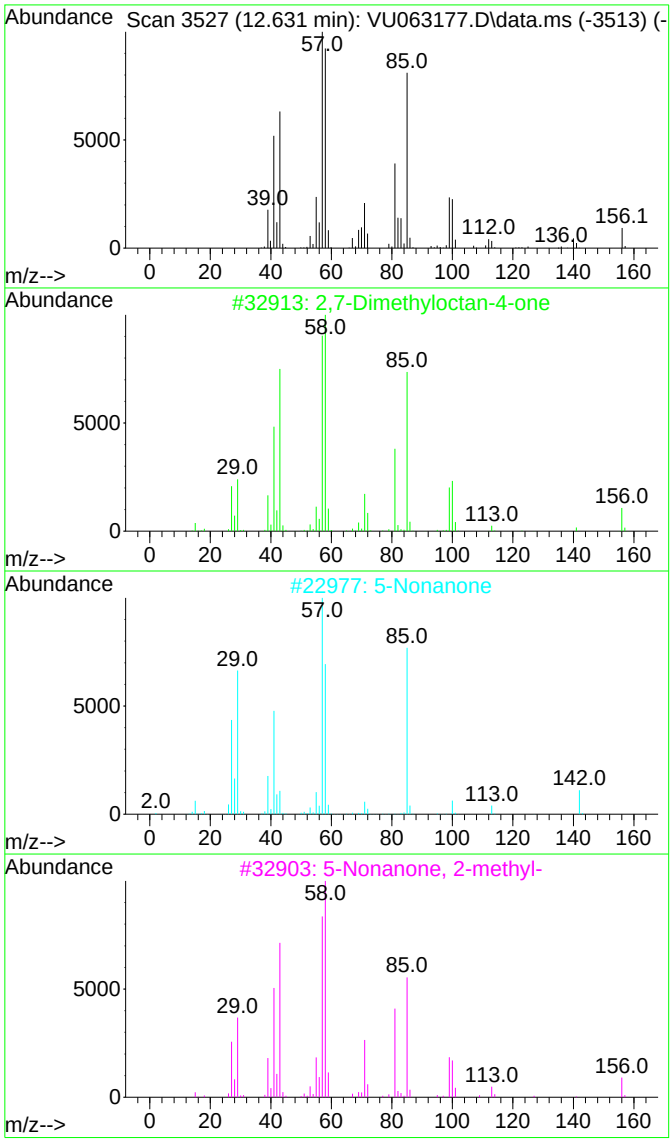
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

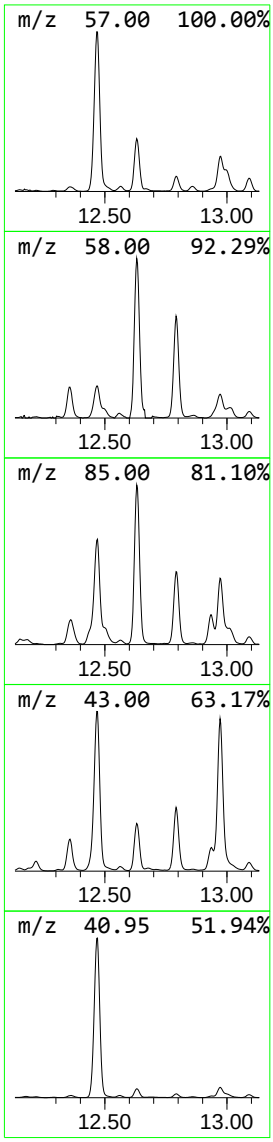
****

Peak Number 14 2,7-Dimethyloctan-4-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.631	10.06 ug/L	749616	1,4-Dichlorobenzene-d4	11.801

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,7-Dimethyloctan-4-one	156	C10H20O	059387-92-7	96
2	5-Nonanone	142	C9H18O	000502-56-7	53
3	5-Nonanone, 2-methyl-	156	C10H20O	022287-02-1	53
4	5-Nonanone	142	C9H18O	000502-56-7	53
5	Thiazole	85	C3H3NS	000288-47-1	49





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Data File : VU063177.D
Acq On : 05 Feb 2025 23:42
Operator : MD/SY
Sample : Q1226-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DCZL6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
Quant Title : TRACE VOA SFAM1.0

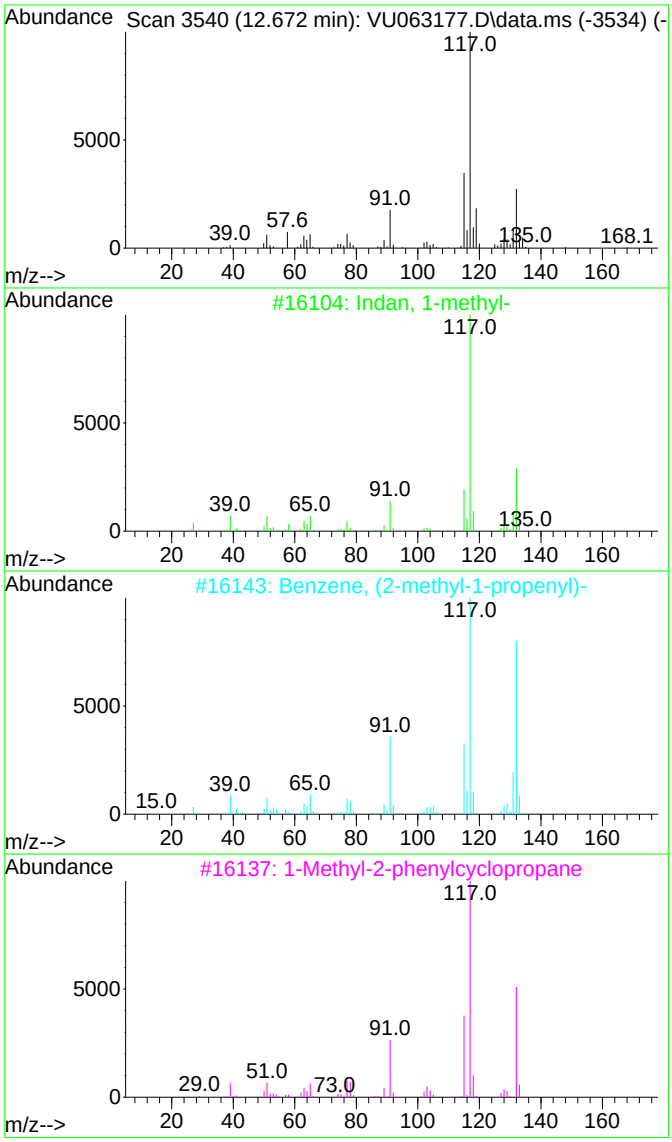
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

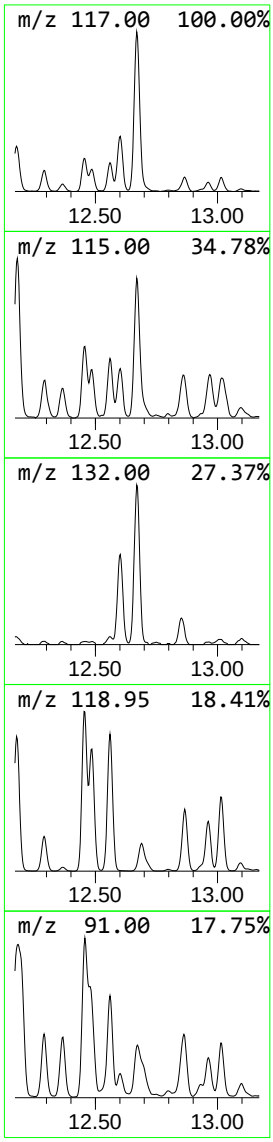
****

Peak Number 15 Indan, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.672	5.64 ug/L	419859	1,4-Dichlorobenzene-d4	11.801

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	83
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	81
4	Indan, 1-methyl-	132	C10H12	000767-58-8	76
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76





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Data File : VU063177.D
Acq On : 05 Feb 2025 23:42
Operator : MD/SY
Sample : Q1226-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DCZL6

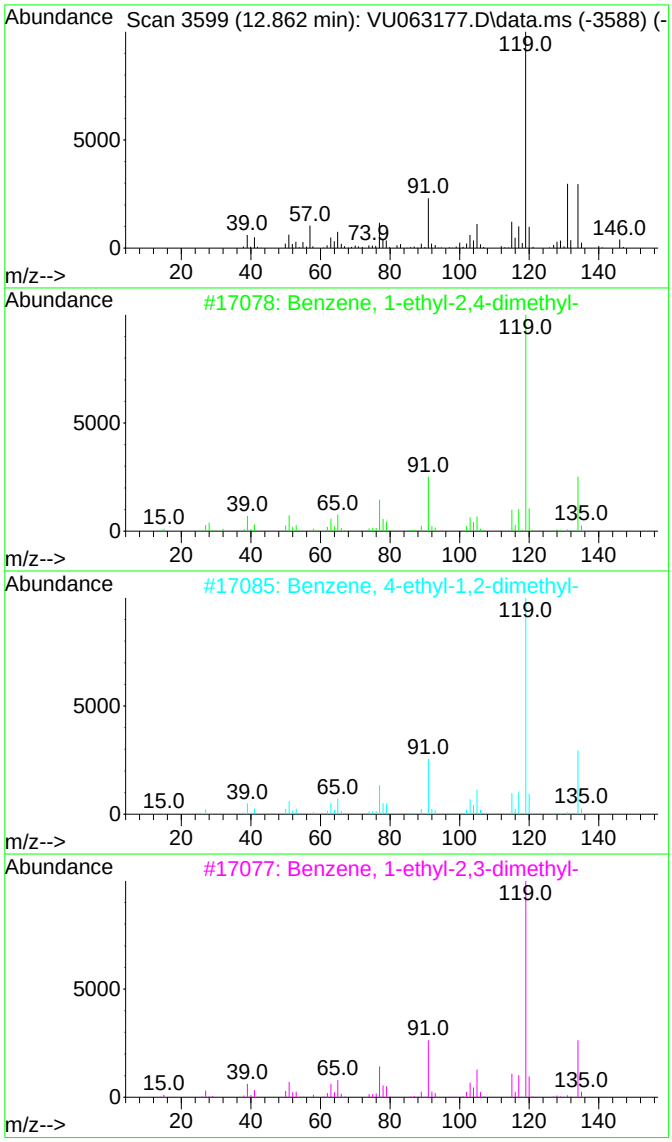
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
Quant Title : TRACE VOA SFAM1.0

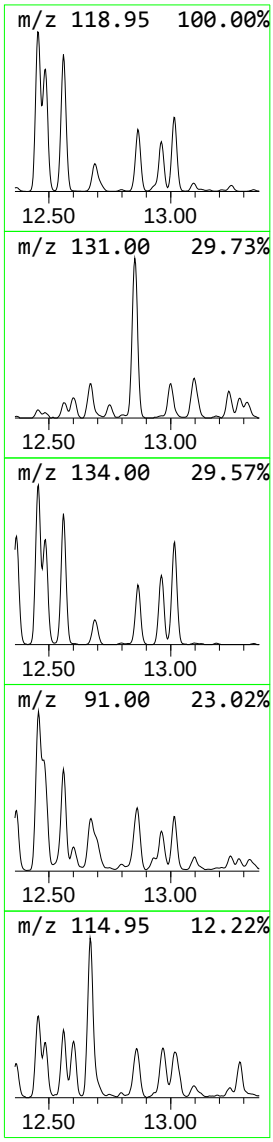
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.862	4.80 ug/L	357433	1,4-Dichlorobenzene-d4	11.801

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
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	o-Cymene	134	C10H14	000527-84-4	94
5	o-Cymene	134	C10H14	000527-84-4	93





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Acq On : 05 Feb 2025 23:42
Operator : MD/SY
Sample : Q1226-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DCZL6

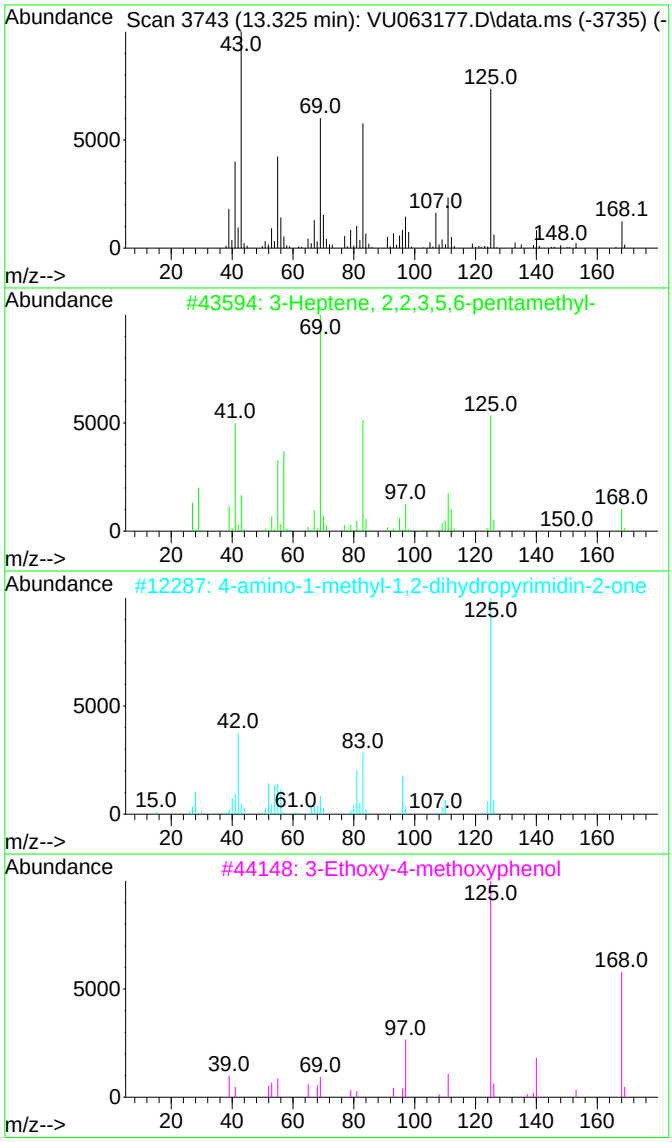
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
Quant Title : TRACE VOA SFAM1.0

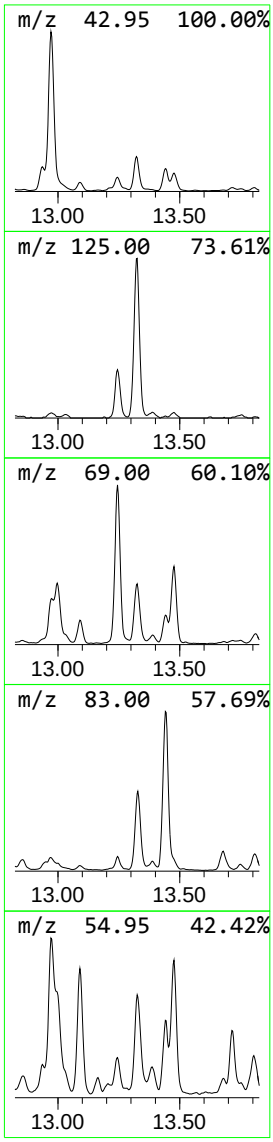
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.325	3.67 ug/L	273661	1,4-Dichlorobenzene-d4	11.801

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene, 2,2,3,5,6-pentamethyl-	168	C12H24	116164-06-8	90
2	4-amino-1-methyl-1,2-dihydropyri...	125	C5H7N3O	001122-47-0	53
3	3-Ethoxy-4-methoxyphenol	168	C9H12O3	065383-57-5	47
4	Pyrimidine, 2,4,5-triamino-	125	C4H7N5	003546-50-7	43
5	4-Aminothiophenol	125	C6H7NS	001193-02-8	43





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Data File : VU063177.D
Acq On : 05 Feb 2025 23:42
Operator : MD/SY
Sample : Q1226-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DCZL6

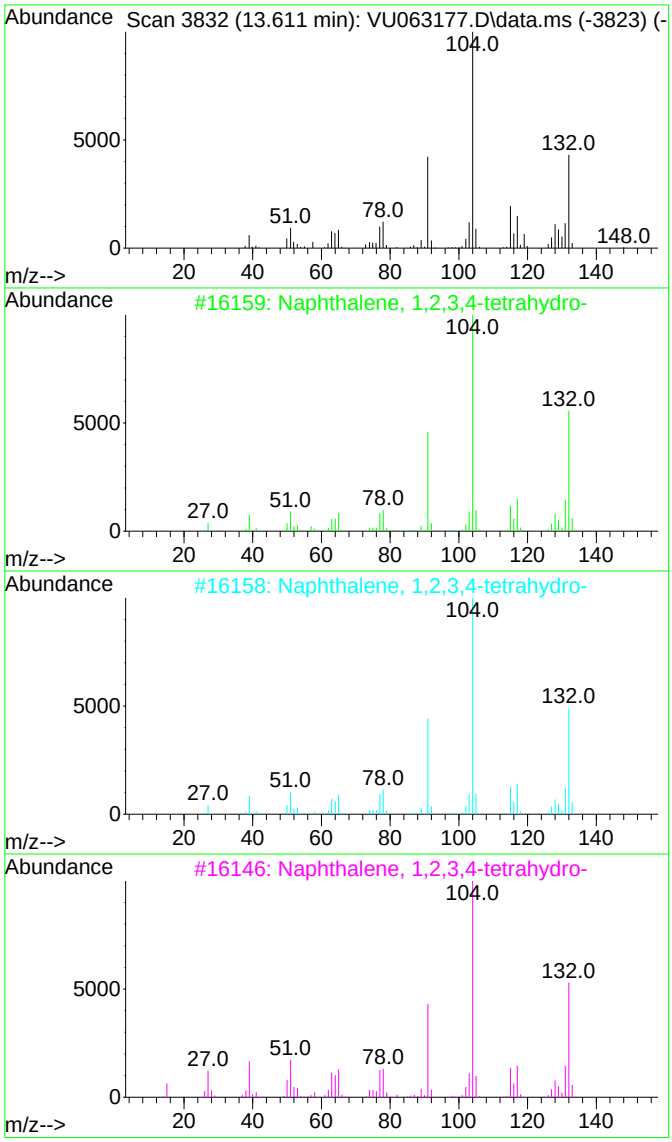
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
Quant Title : TRACE VOA SFAM1.0

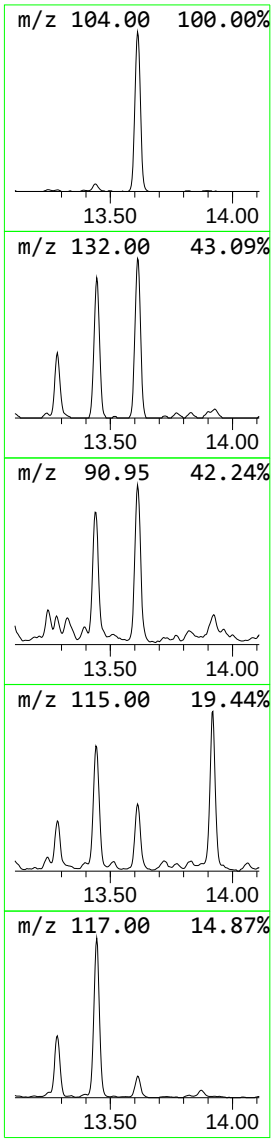
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.611	2.76 ug/L	205337	1,4-Dichlorobenzene-d4	11.801

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	91
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	91
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	91
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	91
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	83





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Data File : VU063177.D
Acq On : 05 Feb 2025 23:42
Operator : MD/SY
Sample : Q1226-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DCZL6

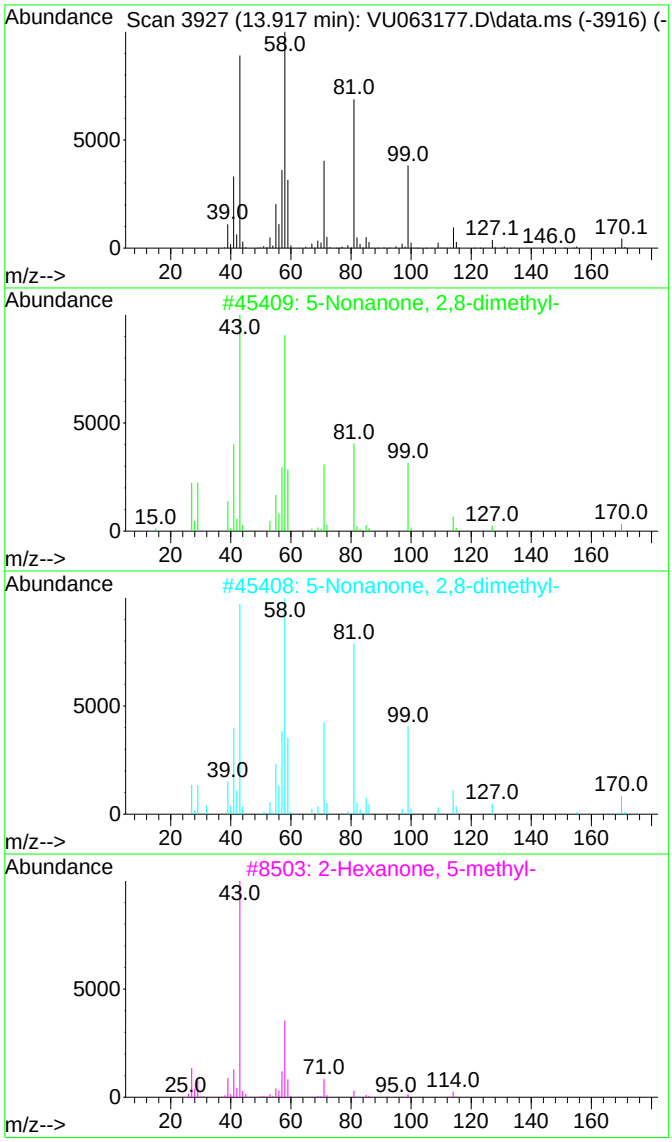
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
Quant Title : TRACE VOA SFAM1.0

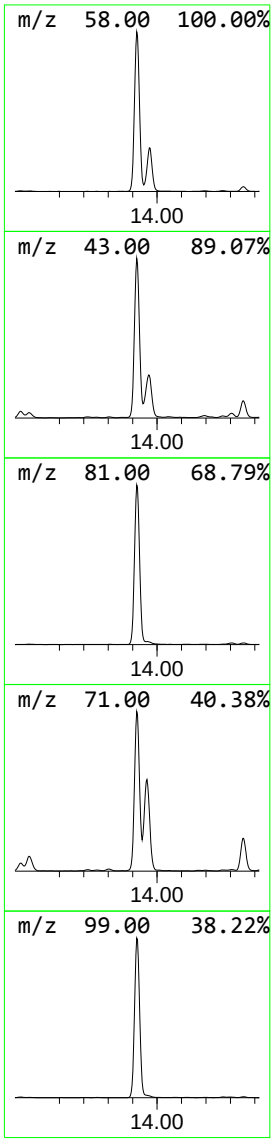
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 5-Nonanone, 2,8-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.917	52.98 ug/L	3946970	1,4-Dichlorobenzene-d4	11.801

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Nonanone, 2,8-dimethyl-	170	C11H22O	002050-99-9	94
2	5-Nonanone, 2,8-dimethyl-	170	C11H22O	002050-99-9	90
3	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	50
4	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	50
5	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	49





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Data File : VU063177.D
Acq On : 05 Feb 2025 23:42
Operator : MD/SY
Sample : Q1226-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DCZL6

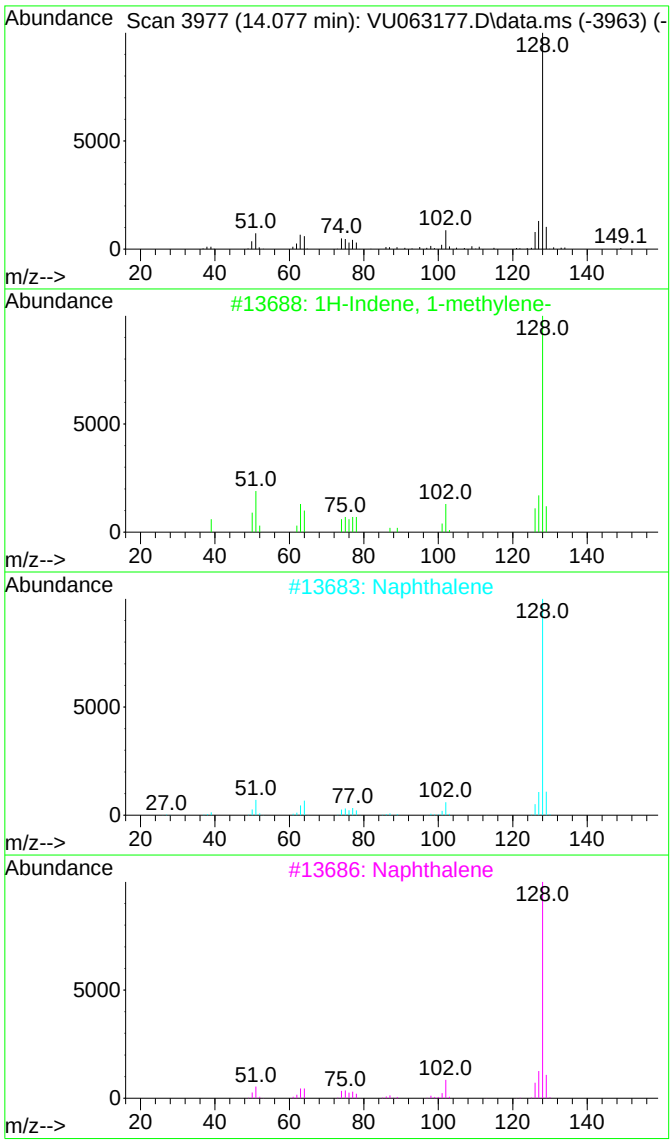
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
Quant Title : TRACE VOA SFAM1.0

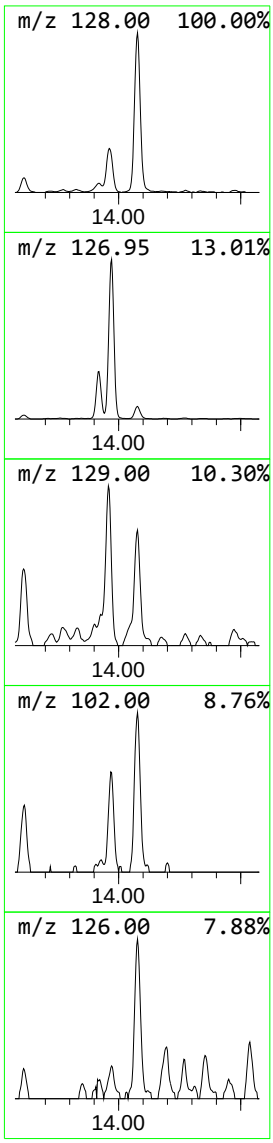
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1H-Indene, 1-methylene- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.077	2.64 ug/L	196654	1,4-Dichlorobenzene-d4	11.801

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	93
2	Naphthalene	128	C10H8	000091-20-3	93
3	Naphthalene	128	C10H8	000091-20-3	93
4	Azulene	128	C10H8	000275-51-4	90
5	Azulene	128	C10H8	000275-51-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020525\
Data File : VU063177.D
Acq On : 05 Feb 2025 23:42
Operator : MD/SY
Sample : Q1226-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DCZL6

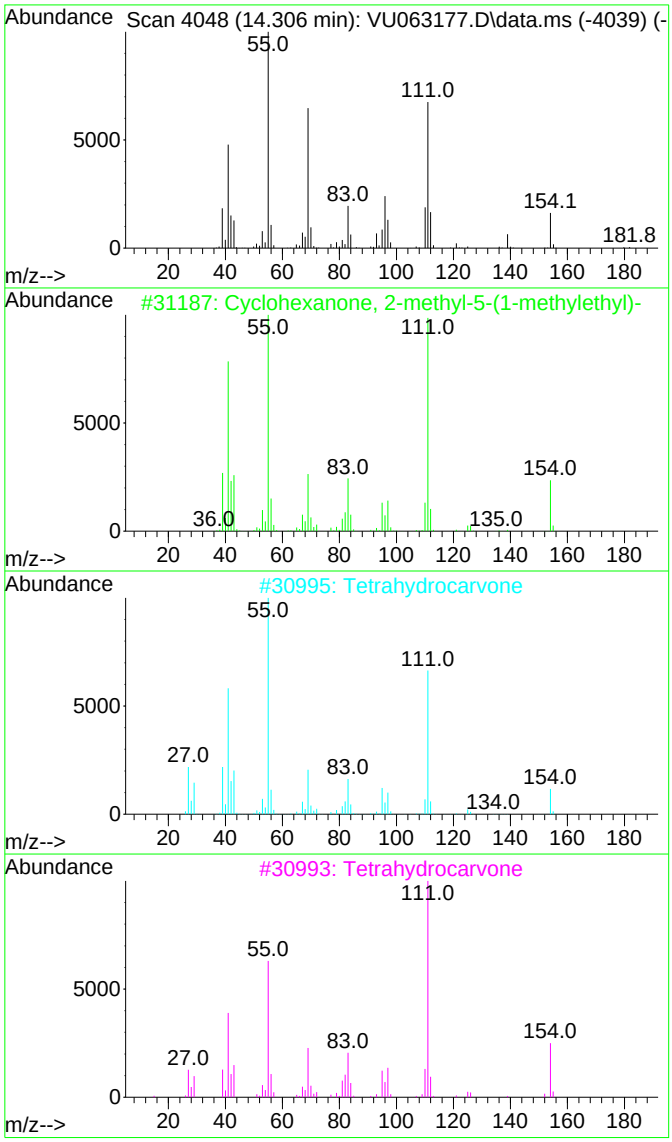
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
Quant Title : TRACE VOA SFAM1.0

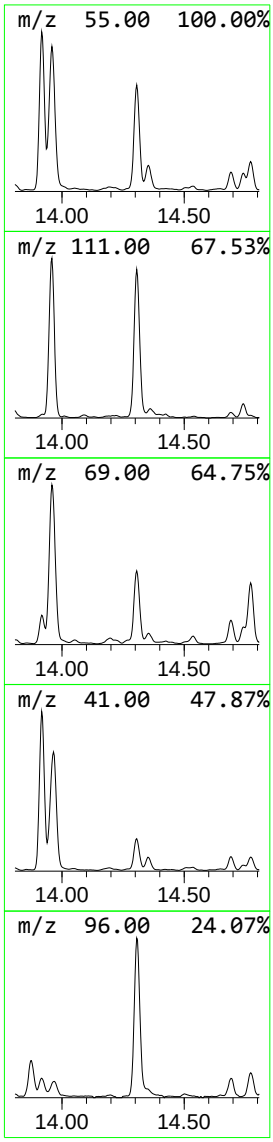
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Cyclohexanone, 2-methyl-5-(... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.306	6.90 ug/L	513805	1,4-Dichlorobenzene-d4	11.801

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2-methyl-5-(1-met...	154	C10H18O	059471-80-6	92
2	Tetrahydrocarvone	154	C10H18O	000499-70-7	76
3	Tetrahydrocarvone	154	C10H18O	000499-70-7	62
4	cis,cis,cis-1-Isobutyl-2,5-dimet...	168	C12H24	1000113-60-0	38
5	Cyclooctane, ethyl-	140	C10H20	013152-02-8	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020525\
Data File : VU063177.D
Acq On : 05 Feb 2025 23:42
Operator : MD/SY
Sample : Q1226-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DCZL6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.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
Butanal	4.431	5.1	ug/L	212290	1	6.238	209109	5.0
Benzene, propyl-	10.894	16.6	ug/L	1240250	3	11.801	372505	5.0
Benzene, 1-ethy...	10.988	65.8	ug/L	4904010	3	11.801	372505	5.0
Benzene, 1-ethy...	11.280	31.9	ug/L	2377540	3	11.801	372505	5.0
2-Heptanone, 4,...	11.544	6.9	ug/L	516027	3	11.801	372505	5.0
p-Cymene	11.733	3.1	ug/L	234698	3	11.801	372505	5.0
Benzene, 1,2,3-...	11.881	23.0	ug/L	1713760	3	11.801	372505	5.0
Benzene, 1-prop...	12.084	31.0	ug/L	2309690	3	11.801	372505	5.0
Benzene, 1,2-di...	12.290	3.4	ug/L	256237	3	11.801	372505	5.0
Benzene, 1-meth...	12.364	8.8	ug/L	655890	3	11.801	372505	5.0
Cyclohexanone, ...	12.470	205.0	ug/L	15275900	3	11.801	372505	5.0
o-Cymene	12.560	7.3	ug/L	546541	3	11.801	372505	5.0
2,7-Dimethyloct...	12.631	10.1	ug/L	749616	3	11.801	372505	5.0
Indan, 1-methyl-	12.672	5.6	ug/L	419859	3	11.801	372505	5.0
Benzene, 1-ethy...	12.862	4.8	ug/L	357433	3	11.801	372505	5.0
(DEL) Alkane: S...	13.325	3.7	ug/L	273661	3	11.801	372505	5.0
Naphthalene, 1,...	13.611	2.8	ug/L	205337	3	11.801	372505	5.0
5-Nonanone, 2,8...	13.917	53.0	ug/L	3946970	3	11.801	372505	5.0
1H-Indene, 1-me...	14.077	2.6	ug/L	196654	3	11.801	372505	5.0
Cyclohexanone, ...	14.306	6.9	ug/L	513805	3	11.801	372505	5.0