

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
 Data File : VU062995.D
 Acq On : 24 Jan 2025 16:03
 Operator : MD/SY
 Sample : Q1174-07
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E2937

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\SFAMUTR010225WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VU062995.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.422	34	41	61	rVB2	106976	156560	8.83%	1.911%
2	1.580	84	90	101	rVB	29507	33723	1.90%	0.412%
3	1.692	116	125	128	rBV	91542	114686	6.47%	1.400%
4	1.936	192	201	212	rBV2	24354	38608	2.18%	0.471%
5	2.068	233	242	261	rBV2	21041	42218	2.38%	0.515%
6	2.563	382	396	412	rBV2	33924	67444	3.80%	0.823%
7	2.747	443	453	469	rVB2	50704	88007	4.96%	1.074%
8	2.875	479	493	508	rBV	91332	188382	10.62%	2.300%
9	2.978	516	525	544	rVB	28242	55074	3.10%	0.672%
10	4.075	845	866	892	rBV	725573	1773822	100.00%	21.657%
11	4.843	1088	1105	1128	rBV3	99871	250936	14.15%	3.064%
12	5.216	1207	1221	1235	rBV	47183	105628	5.95%	1.290%
13	5.676	1358	1364	1389	rBV	131702	148058	8.35%	1.808%
14	5.901	1415	1434	1444	rBV3	135842	326370	18.40%	3.985%
15	6.386	1574	1585	1601	rBV	143299	263413	14.85%	3.216%
16	6.808	1703	1716	1730	rBV	76925	152766	8.61%	1.865%
17	7.640	1964	1975	1995	rBV	38341	70026	3.95%	0.855%
18	7.872	2032	2047	2064	rBV4	55737	161003	9.08%	1.966%
19	7.962	2064	2075	2087	rVV	150526	265242	14.95%	3.238%
20	8.029	2088	2096	2116	rVB	96547	174087	9.81%	2.125%
21	8.232	2145	2159	2170	rBV	24787	44680	2.52%	0.546%
22	8.679	2285	2298	2331	rBV	110743	258372	14.57%	3.155%
23	9.444	2524	2536	2560	rBV	182065	336511	18.97%	4.109%
24	9.592	2570	2582	2605	rBV	62417	113928	6.42%	1.391%
25	9.711	2605	2619	2649	rVV	180220	354063	19.96%	4.323%
26	10.116	2733	2745	2768	rVB	67593	131228	7.40%	1.602%
27	10.759	2935	2945	2965	rVB	78112	129670	7.31%	1.583%
28	11.004	3006	3021	3040	rBV2	17802	43118	2.43%	0.526%
29	11.094	3040	3049	3065	rVV5	13922	26274	1.48%	0.321%
30	11.293	3102	3111	3127	rVB2	13877	22790	1.28%	0.278%
31	11.470	3155	3166	3178	rVB	54203	87541	4.94%	1.069%
32	11.811	3258	3272	3287	rVB	193255	337133	19.01%	4.116%
33	11.894	3287	3298	3318	rVB	43454	72445	4.08%	0.884%
34	12.061	3338	3350	3366	rBV2	52667	161653	9.11%	1.974%
35	12.190	3379	3390	3407	rVB	161220	274013	15.45%	3.345%
36	12.563	3498	3506	3516	rBV	14896	21563	1.22%	0.263%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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 Title : TRACE VOA SFAM1.0

37	12.868	3592	3601	3611	rVV3	11016	19774	1.11%	0.241%
38	12.939	3614	3623	3639	rVV4	32265	72155	4.07%	0.881%
39	13.020	3639	3648	3659	rVB	33410	51989	2.93%	0.635%
40	13.283	3713	3730	3740	rBV	19085	44900	2.53%	0.548%
41	13.441	3769	3779	3792	rVV3	90207	147518	8.32%	1.801%
42	13.614	3824	3833	3850	rVB2	31331	53533	3.02%	0.654%
43	13.724	3860	3867	3877	rBV6	14543	23042	1.30%	0.281%
44	13.827	3890	3899	3914	rBV9	16321	41172	2.32%	0.503%
45	14.026	3950	3961	3970	rBV7	19337	36411	2.05%	0.445%
46	14.077	3971	3977	3998	rVB2	23661	57375	3.23%	0.701%
47	14.180	3998	4009	4020	rBV7	14220	25949	1.46%	0.317%
48	14.277	4028	4039	4051	rVB8	21273	44704	2.52%	0.546%
49	14.675	4148	4163	4173	rBV4	34628	68909	3.88%	0.841%
50	14.798	4192	4201	4214	rBV4	11781	23229	1.31%	0.284%
51	14.865	4215	4222	4233	rVB6	13868	21813	1.23%	0.266%
52	15.003	4256	4265	4280	rBV4	35271	59855	3.37%	0.731%
53	15.212	4314	4330	4338	rBV2	51610	105091	5.92%	1.283%
54	15.261	4338	4345	4357	rVB3	18301	32099	1.81%	0.392%
55	15.399	4378	4388	4399	rBV2	38721	63146	3.56%	0.771%
56	15.473	4399	4411	4430	rVV4	26402	71285	4.02%	0.870%
57	15.576	4430	4443	4453	rVB4	8751	22979	1.30%	0.281%
58	15.913	4539	4548	4553	rBV4	17756	28612	1.61%	0.349%
59	16.251	4635	4653	4661	rBV5	29625	63127	3.56%	0.771%
60	16.399	4689	4699	4705	rBV3	33019	54978	3.10%	0.671%
61	16.437	4705	4711	4723	rVB2	27707	44281	2.50%	0.541%
62	16.756	4800	4810	4821	rBV2	9399	21604	1.22%	0.264%

Sum of corrected areas: 8190565

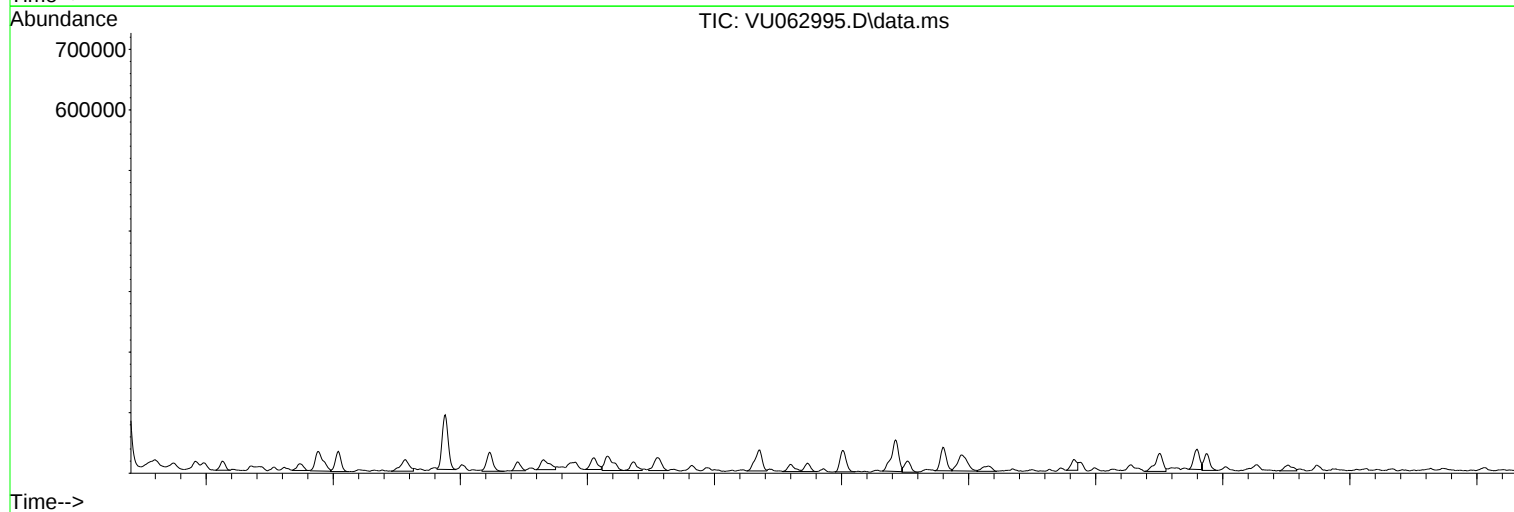
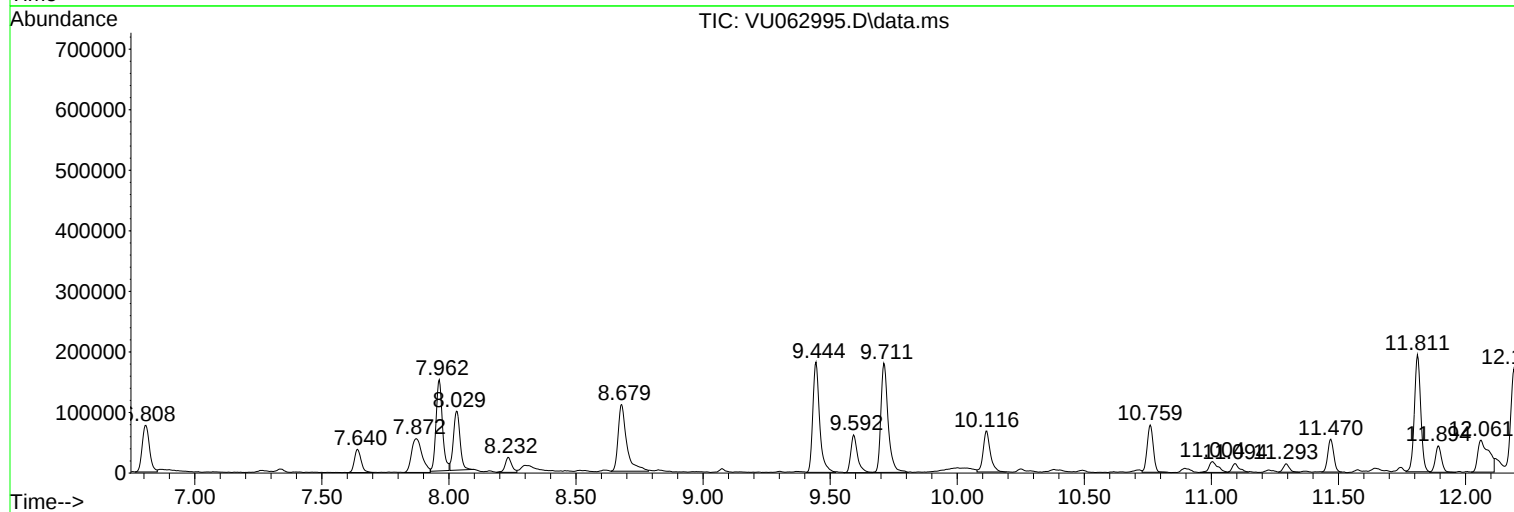
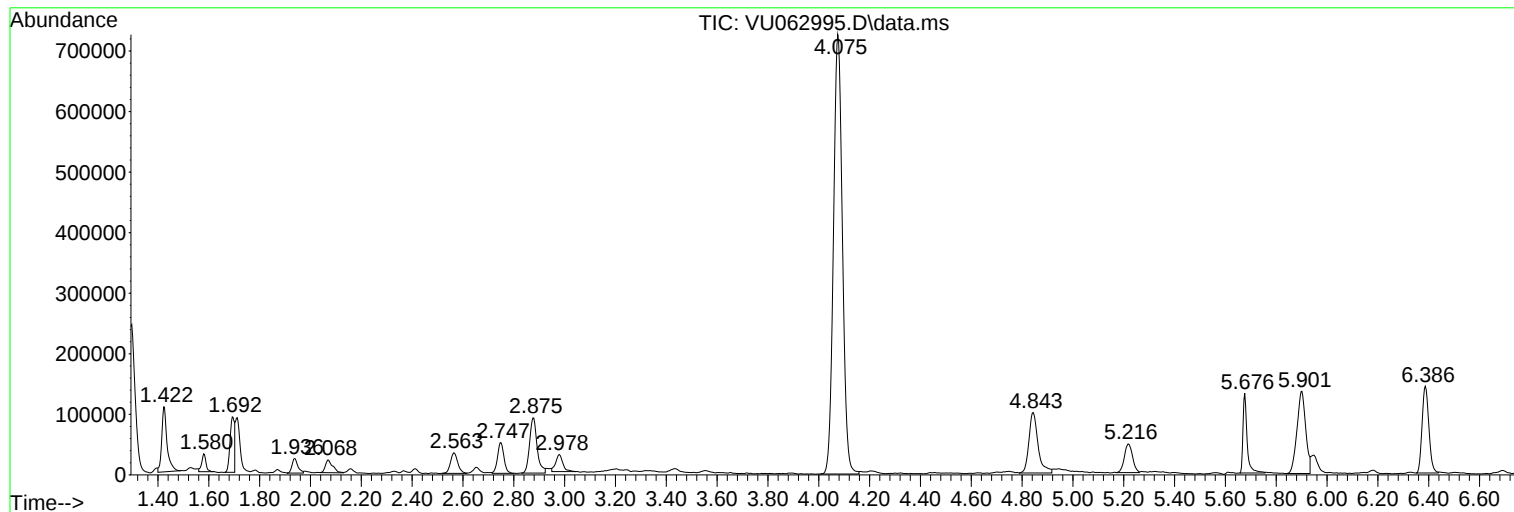
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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E2937

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0

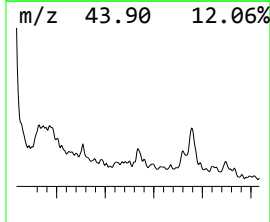
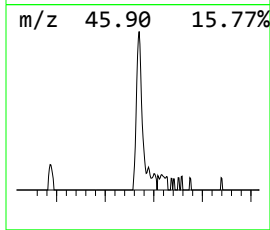
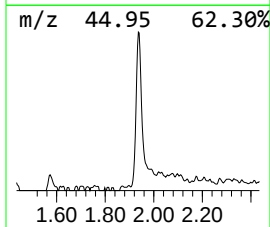
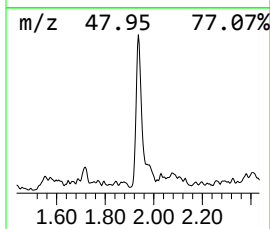
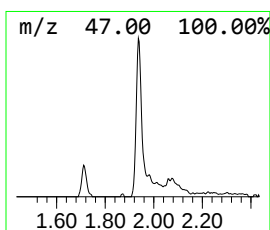
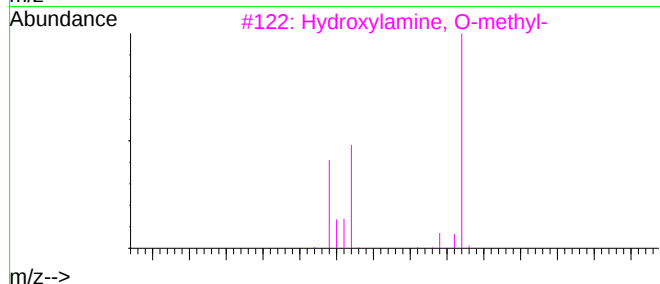
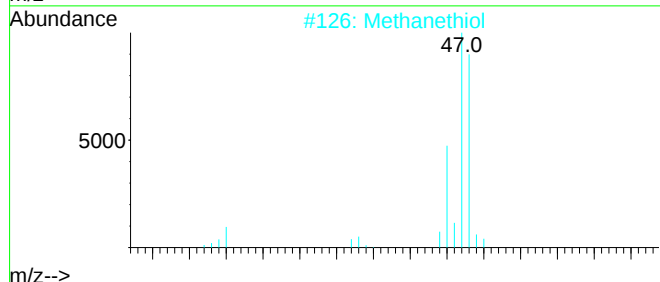
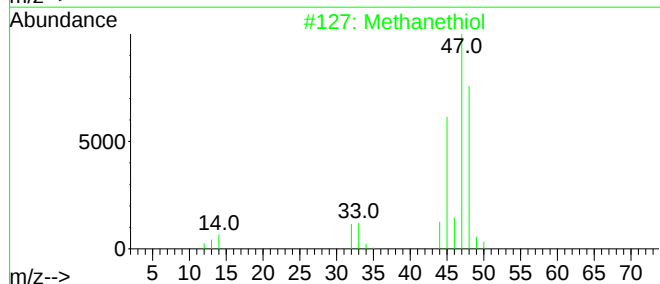
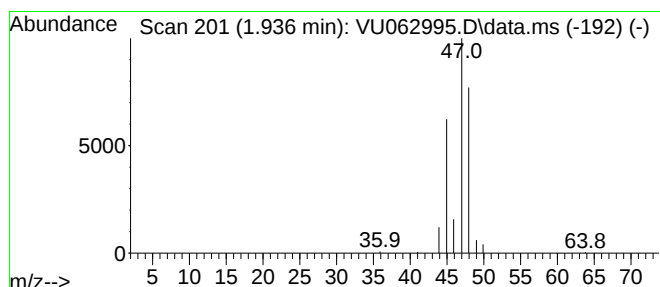
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 3 Methanethiol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.936	0.73 ug/L	38608	1,4-Difluorobenzene	6.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanethiol	48	CH4S	000074-93-1	91
2	Methanethiol	48	CH4S	000074-93-1	83
3	Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	5
4	Ethanol	46	C2H6O	000064-17-5	4
5	Formamide	45	CH3NO	000075-12-7	4



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0

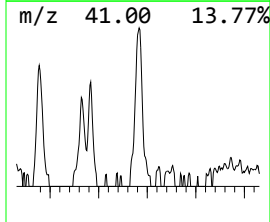
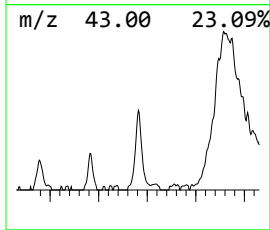
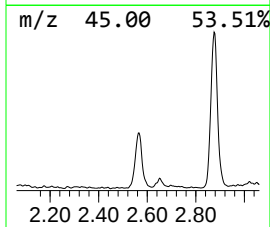
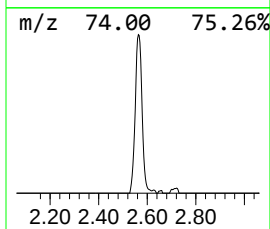
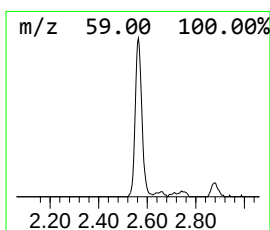
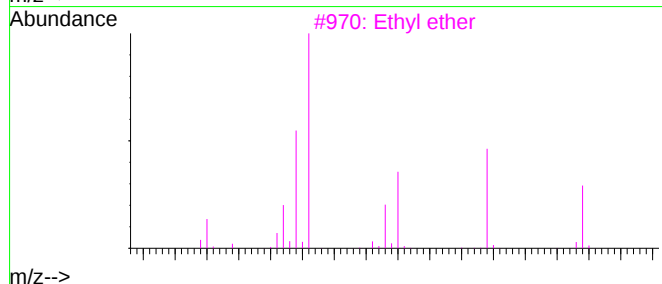
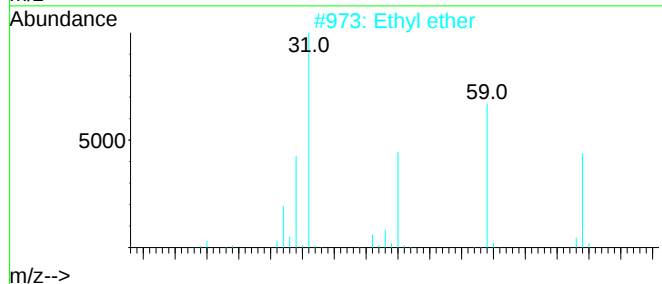
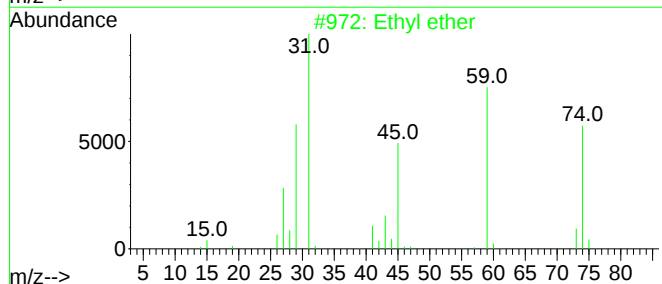
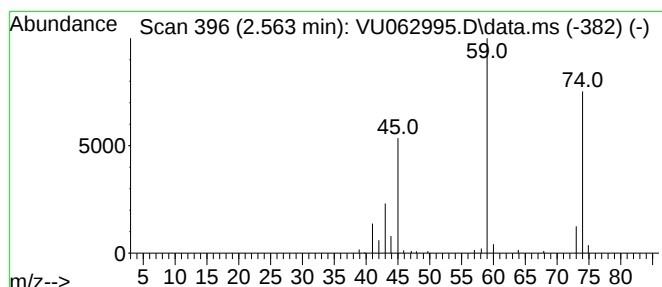
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 4 Ethyl ether Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.563	1.28 ug/L	67444	1,4-Difluorobenzene	6.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl ether	74	C4H10O	000060-29-7	90
2	Ethyl ether	74	C4H10O	000060-29-7	90
3	Ethyl ether	74	C4H10O	000060-29-7	83
4	Ethyl ether	74	C4H10O	000060-29-7	80
5	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	72



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Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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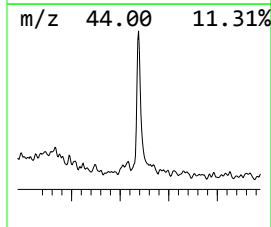
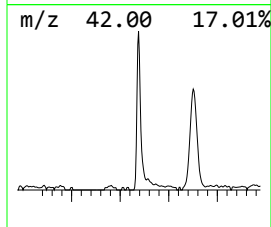
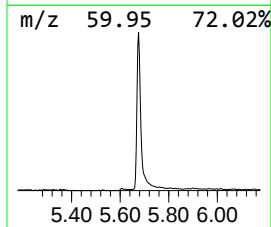
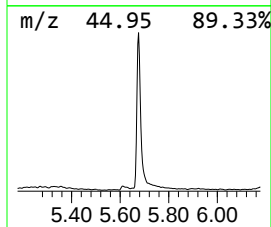
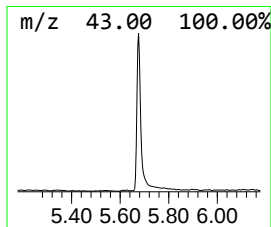
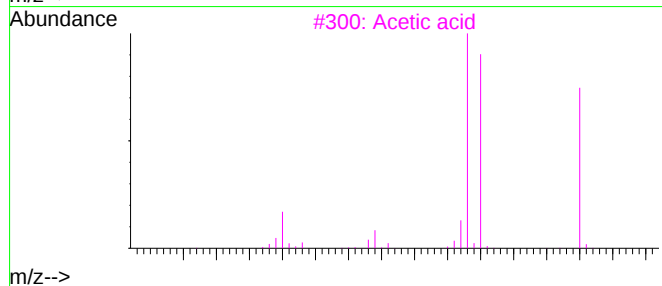
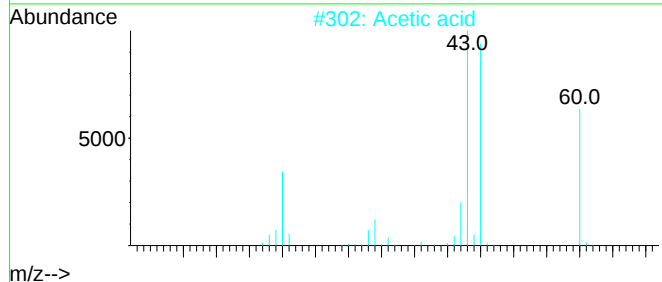
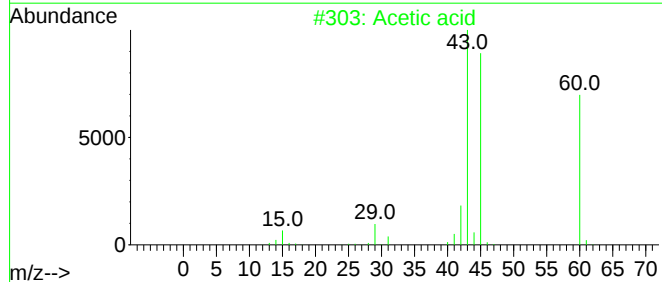
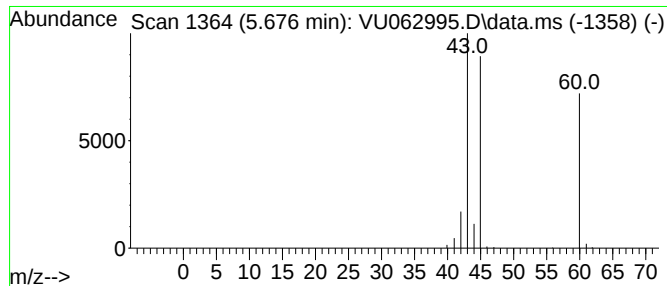
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 Acetic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.676	2.81 ug/L	148058	1,4-Difluorobenzene	6.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid	60	C2H4O2	000064-19-7	90
2	Acetic acid	60	C2H4O2	000064-19-7	78
3	Acetic acid	60	C2H4O2	000064-19-7	78
4	Acetic acid	60	C2H4O2	000064-19-7	74
5	Ammonium acetate	77	C2H7NO2	000631-61-8	74



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Quant Title : TRACE VOA SFAM1.0

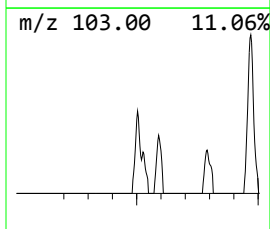
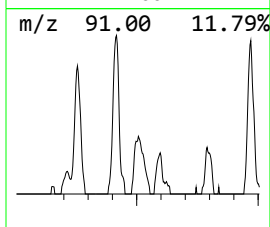
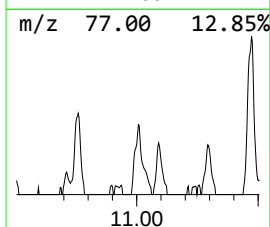
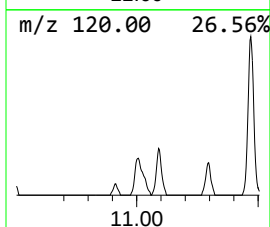
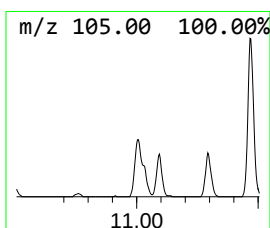
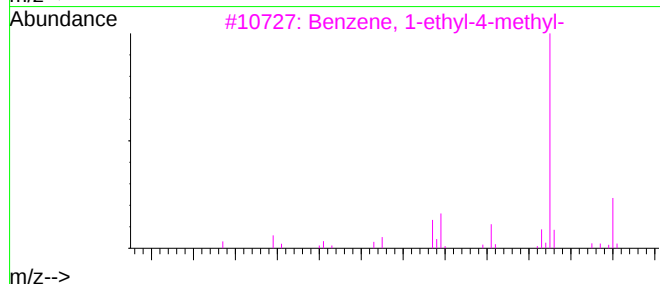
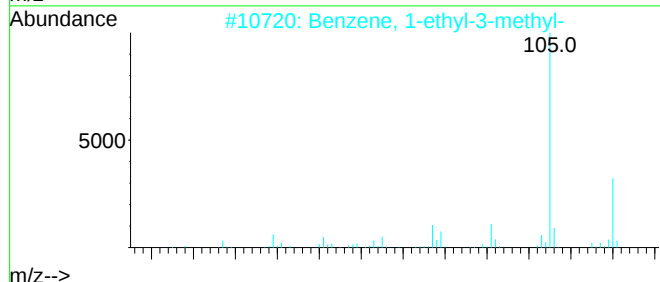
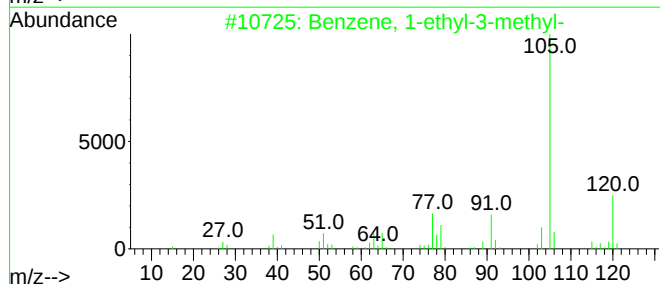
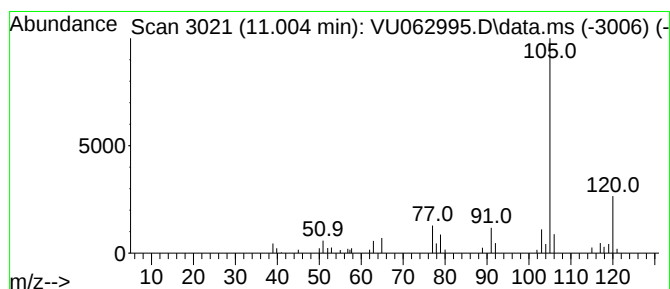
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.004	0.64 ug/L	43118	1,4-Dichlorobenzene-d4	11.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



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ClientSampleId :
E2937

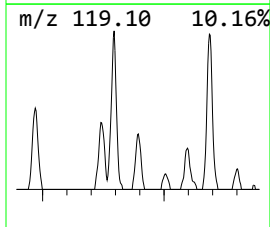
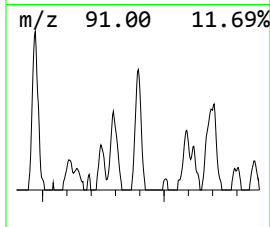
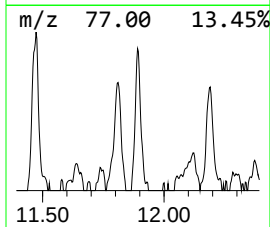
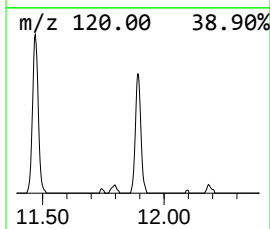
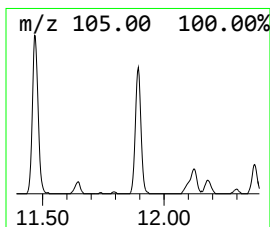
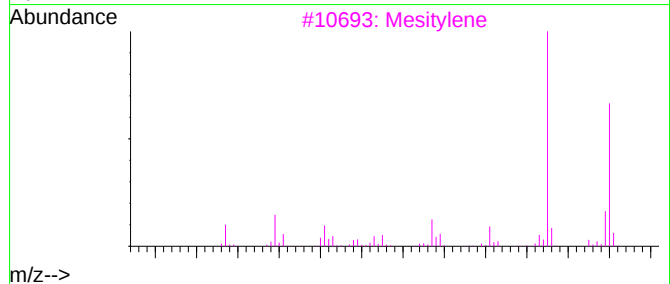
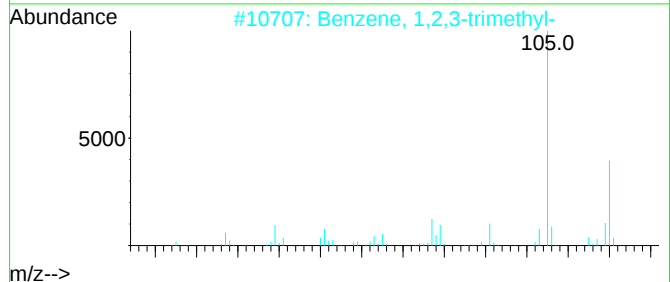
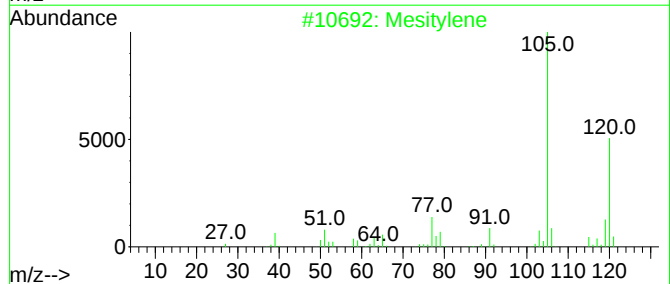
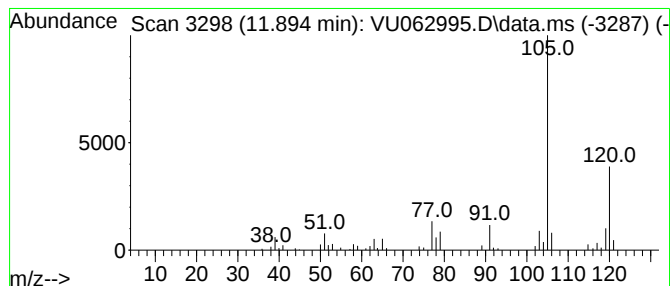
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Quant Title : TRACE VOA SFAM1.0

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.	
11.894	1.07 ug/L	72445	1,4-Dichlorobenzene-d4		11.811	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Mesitylene		120	C9H12	000108-67-8	95
2	Benzene, 1,2,3-trimethyl-		120	C9H12	000526-73-8	94
3	Mesitylene		120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-		120	C9H12	000526-73-8	91
5	Mesitylene		120	C9H12	000108-67-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
Data File : VU062995.D
Acq On : 24 Jan 2025 16:03
Operator : MD/SY
Sample : Q1174-07
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E2937

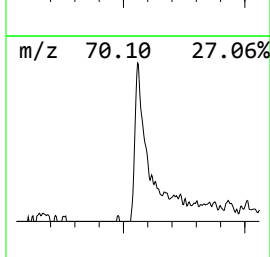
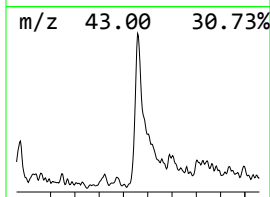
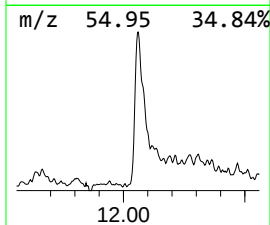
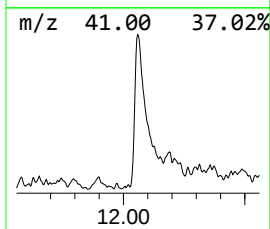
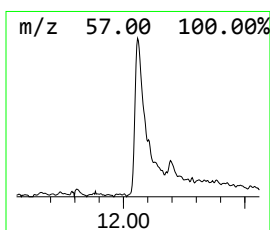
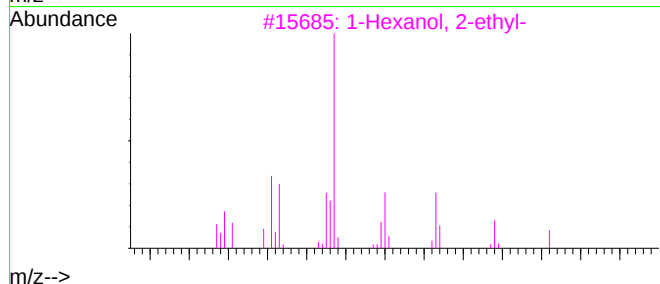
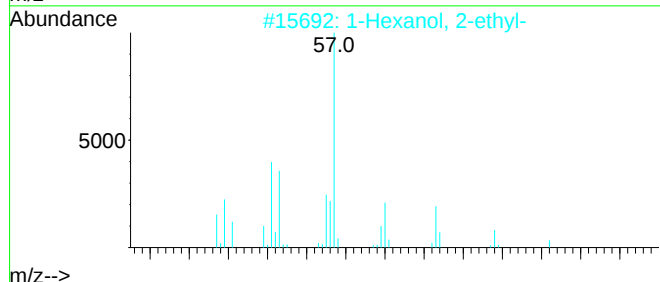
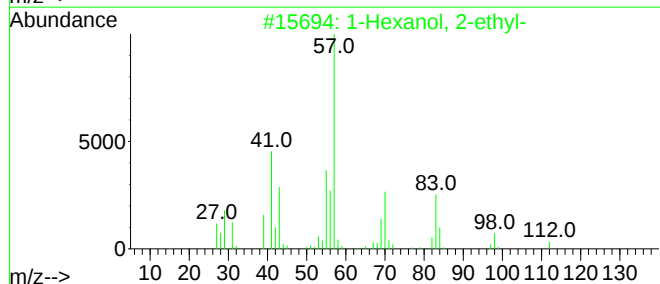
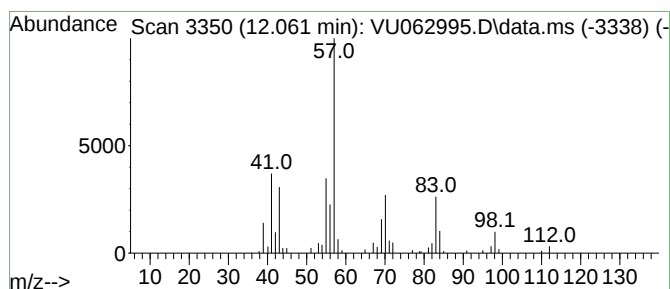
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 9 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.061	2.40 ug/L	161653	1,4-Dichlorobenzene-d4	11.811	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
Data File : VU062995.D
Acq On : 24 Jan 2025 16:03
Operator : MD/SY
Sample : Q1174-07
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E2937

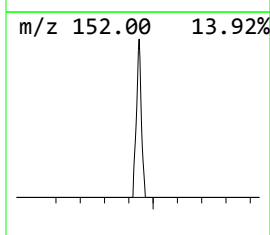
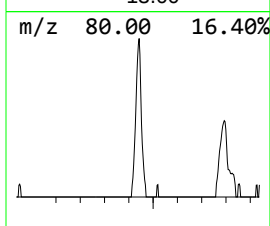
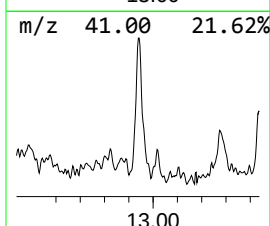
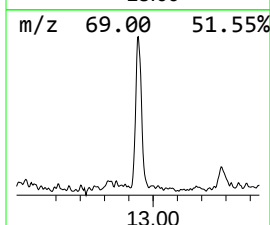
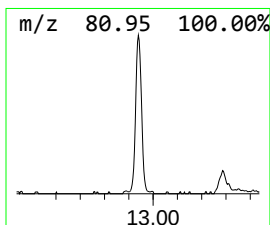
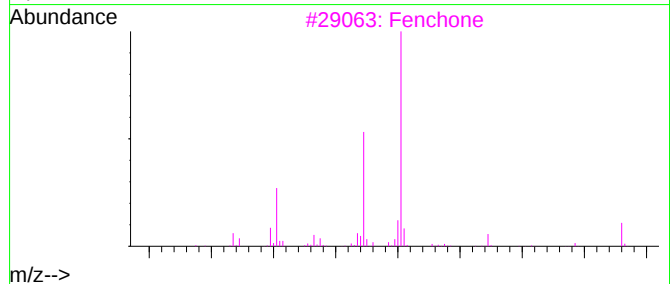
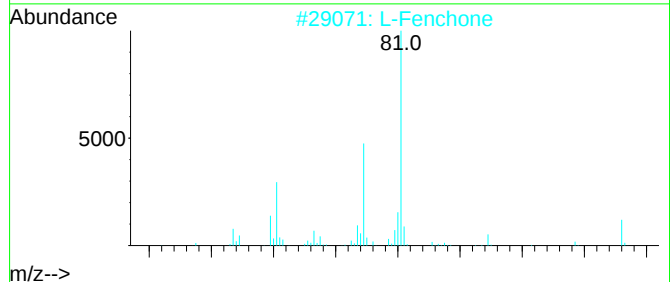
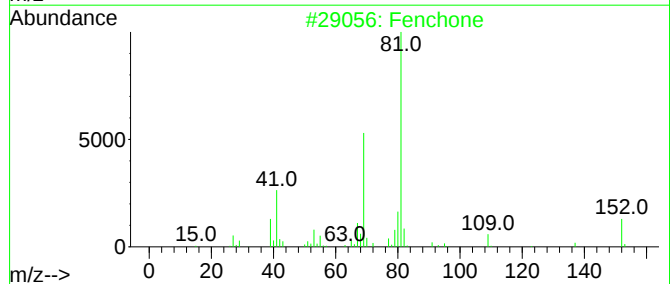
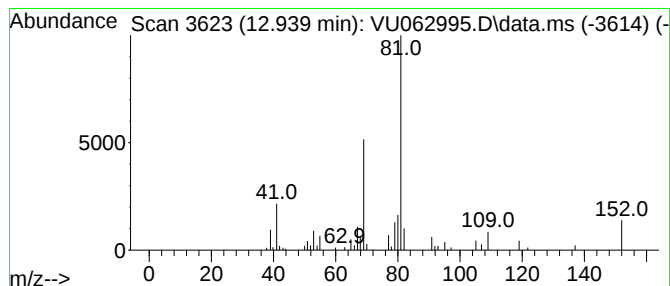
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 10 Fenchone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.939	1.07 ug/L	72155	1,4-Dichlorobenzene-d4		11.811	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Fenchone		152	C10H16O	001195-79-5	91
2	L-Fenchone		152	C10H16O	007787-20-4	91
3	Fenchone		152	C10H16O	001195-79-5	87
4	L-Fenchone		152	C10H16O	007787-20-4	86
5	D-Fenchone		152	C10H16O	004695-62-9	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
Data File : VU062995.D
Acq On : 24 Jan 2025 16:03
Operator : MD/SY
Sample : Q1174-07
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E2937

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0

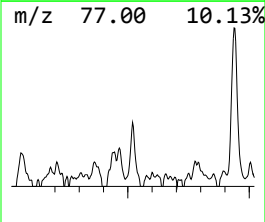
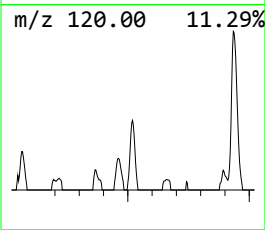
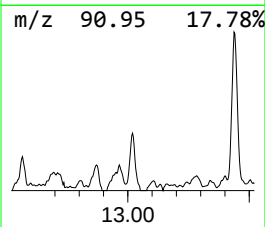
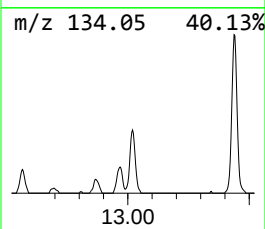
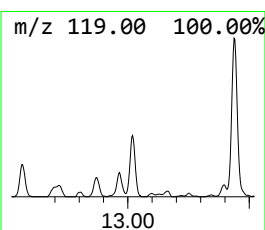
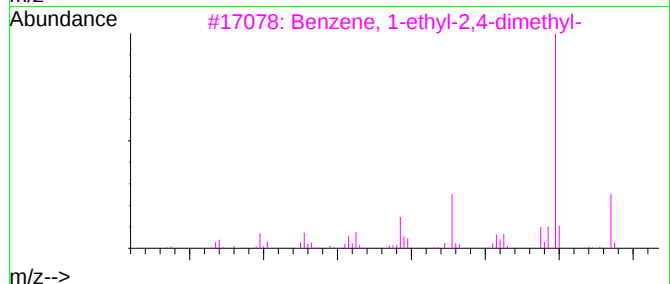
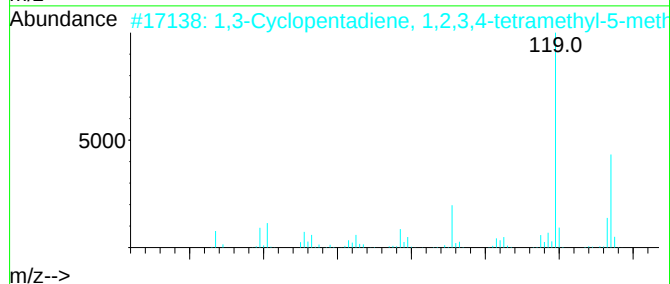
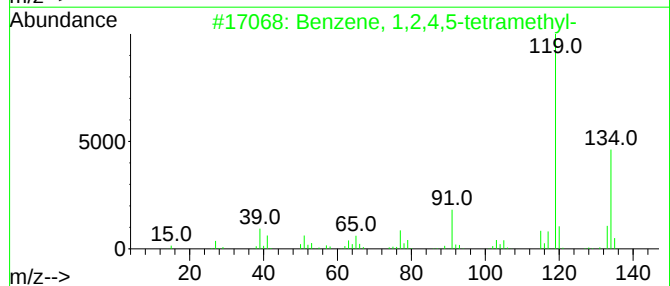
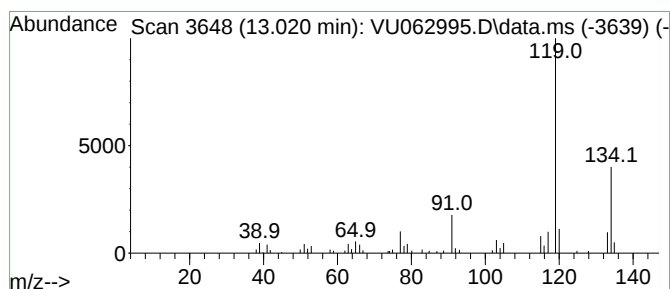
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 11 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.020	0.77 ug/L	51989	1,4-Dichlorobenzene-d4	11.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	95
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
Data File : VU062995.D
Acq On : 24 Jan 2025 16:03
Operator : MD/SY
Sample : Q1174-07
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E2937

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Quant Title : TRACE VOA SFAM1.0

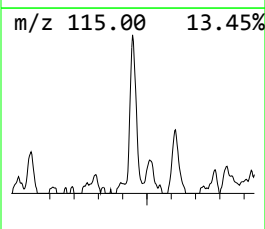
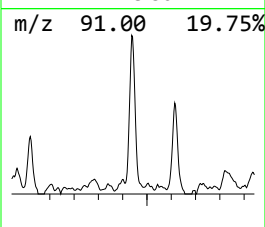
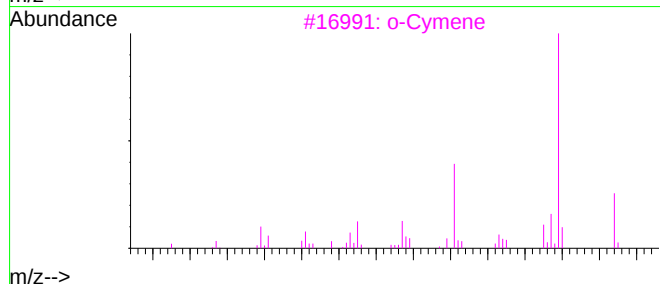
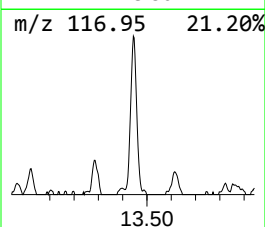
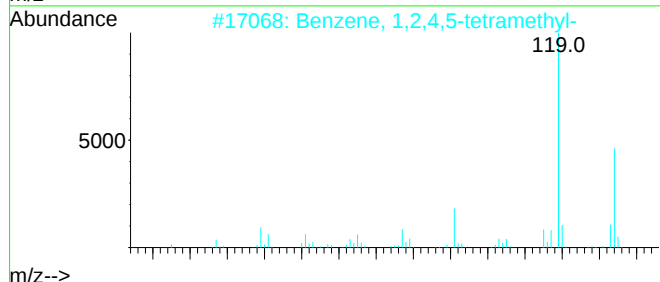
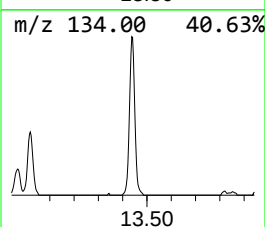
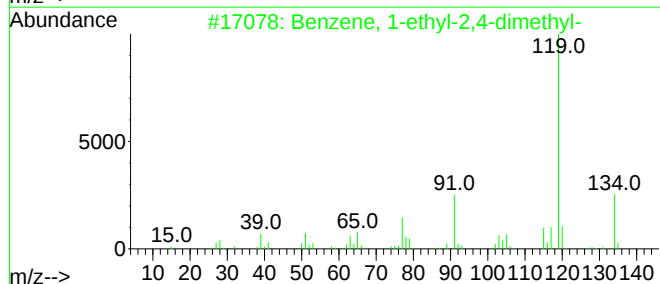
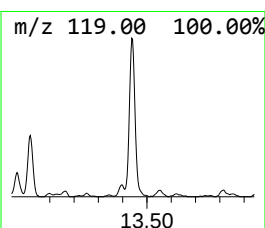
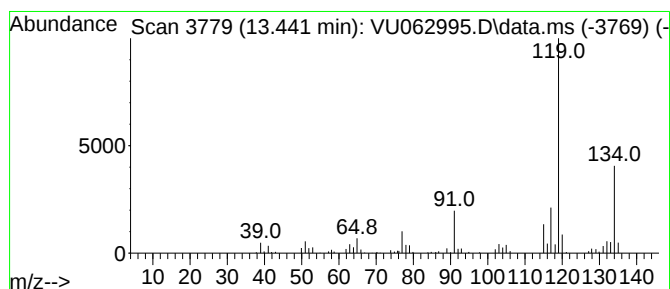
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.441	2.19 ug/L	147518	1,4-Dichlorobenzene-d4	11.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
3	o-Cymene	134	C10H14	000527-84-4	87
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
Data File : VU062995.D
Acq On : 24 Jan 2025 16:03
Operator : MD/SY
Sample : Q1174-07
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E2937

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L

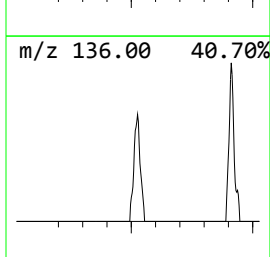
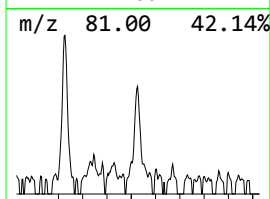
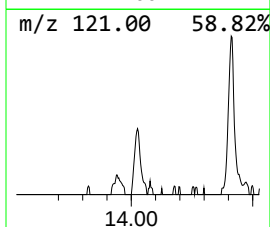
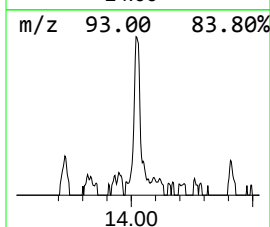
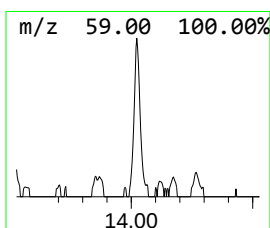
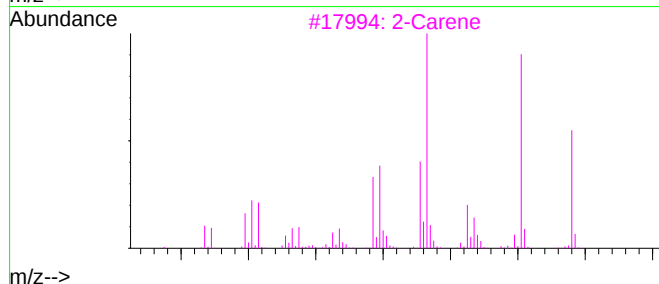
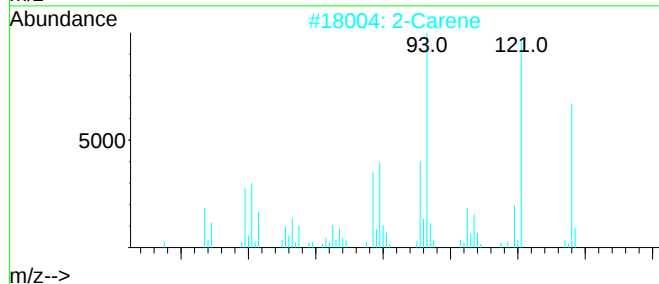
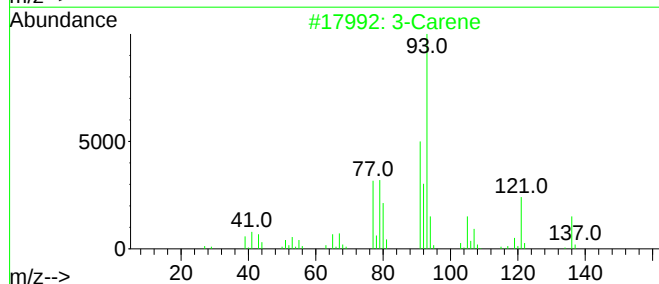
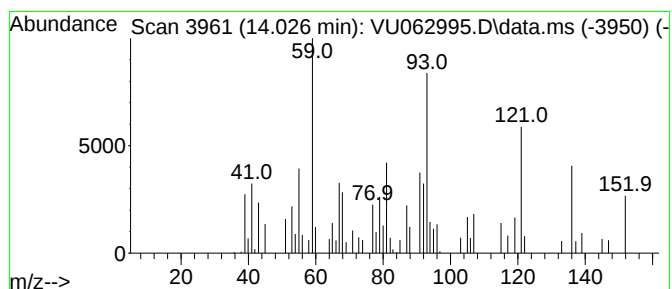
TIC Integration Parameters: LSCINT.P

Peak Number 16 3-Carene

Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.026	0.54 ug/L	36411	1,4-Dichlorobenzene-d4	11.811

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Carene	136	C10H16	013466-78-9	95
2			2-Carene	136	C10H16	000554-61-0	86
3			2-Carene	136	C10H16	000554-61-0	86
4			.alpha.-Terpineol	154	C10H18O	000098-55-5	74
5			Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
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Acq On : 24 Jan 2025 16:03
Operator : MD/SY
Sample : Q1174-07
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E2937

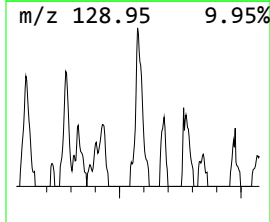
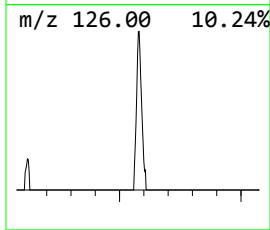
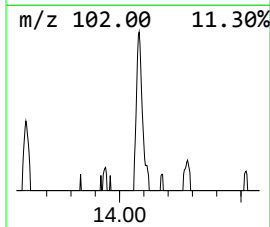
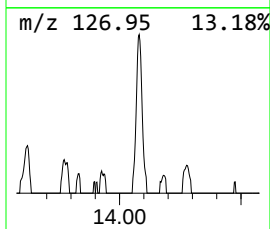
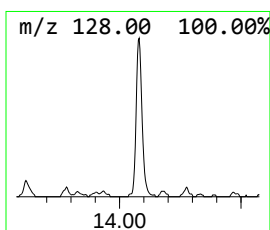
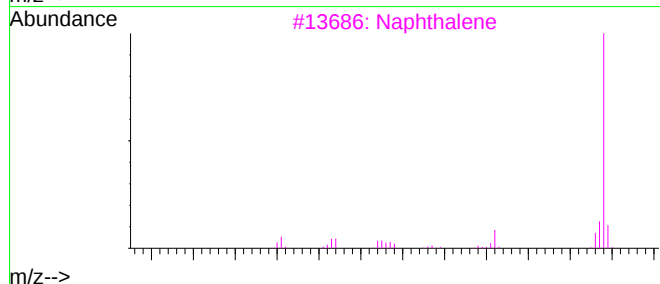
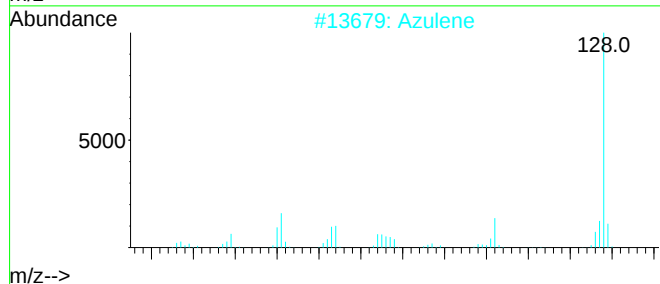
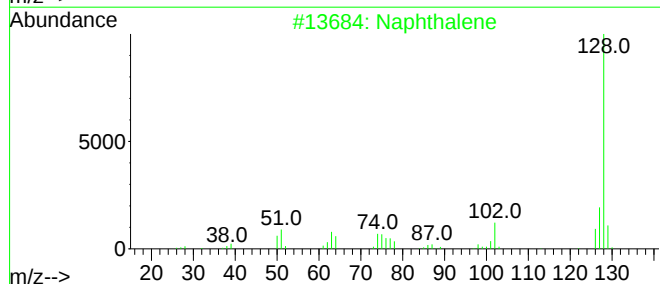
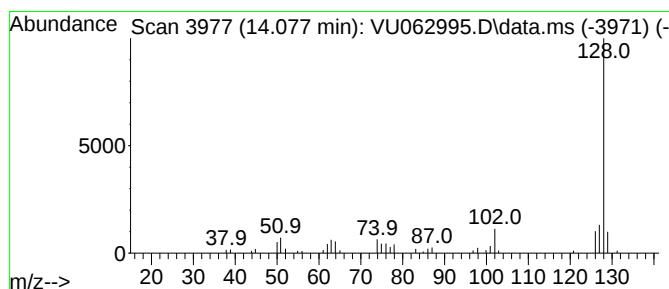
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 17 Azulene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.077	0.85 ug/L	57375	1,4-Dichlorobenzene-d4		11.811	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene		128	C10H8	000091-20-3	93
2	Azulene		128	C10H8	000275-51-4	91
3	Naphthalene		128	C10H8	000091-20-3	91
4	Azulene		128	C10H8	000275-51-4	91
5	Azulene		128	C10H8	000275-51-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
Data File : VU062995.D
Acq On : 24 Jan 2025 16:03
Operator : MD/SY
Sample : Q1174-07
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E2937

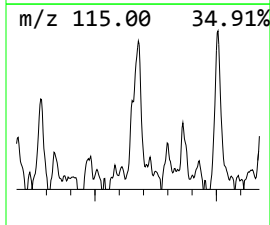
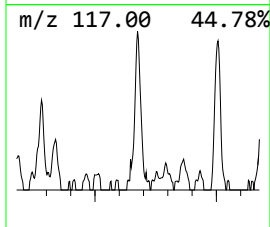
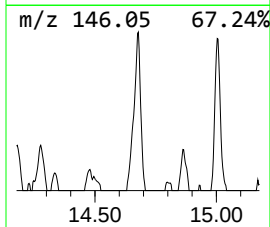
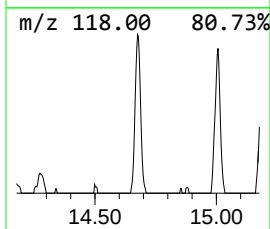
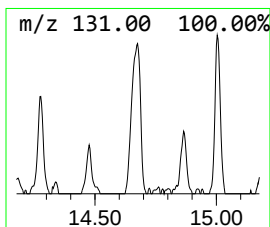
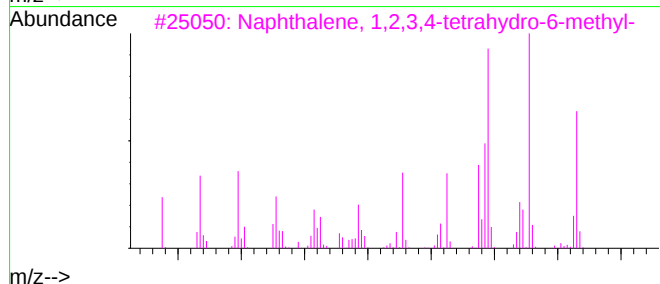
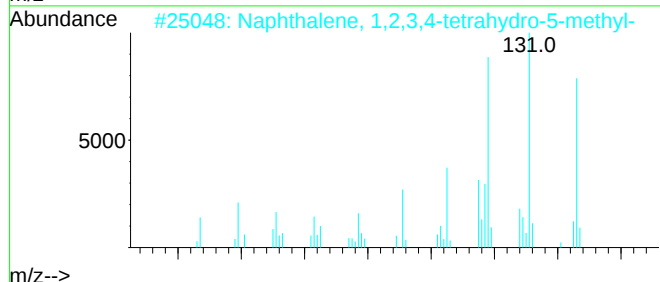
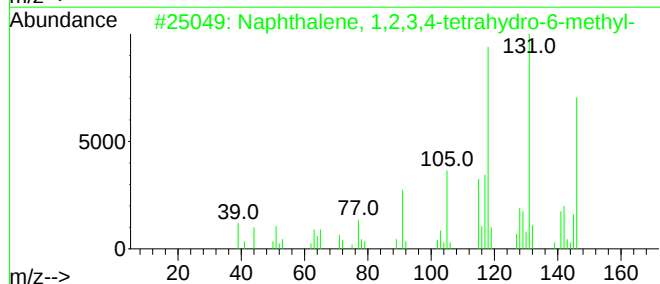
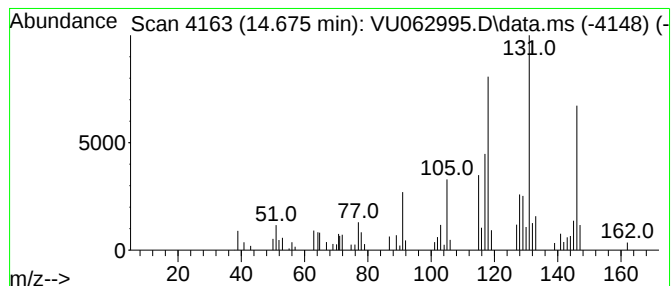
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 19 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.676	1.02 ug/L	68909	1,4-Dichlorobenzene-d4	11.811	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
Data File : VU062995.D
Acq On : 24 Jan 2025 16:03
Operator : MD/SY
Sample : Q1174-07
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E2937

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0

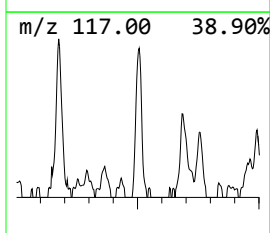
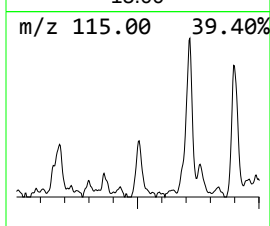
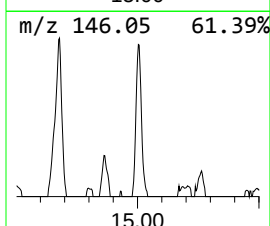
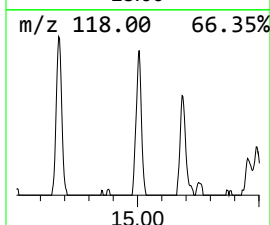
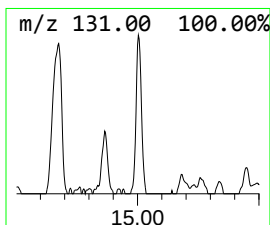
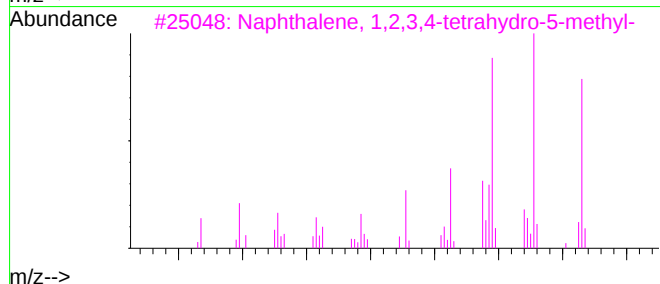
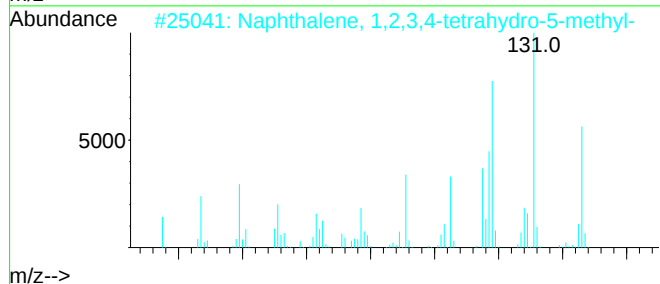
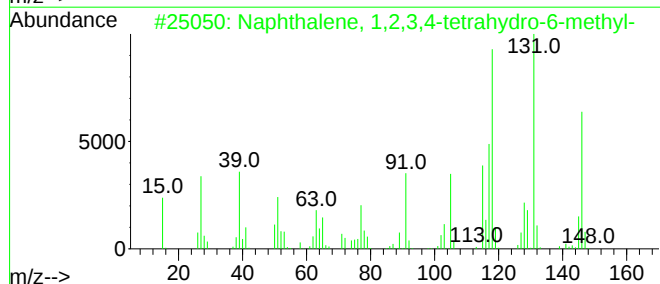
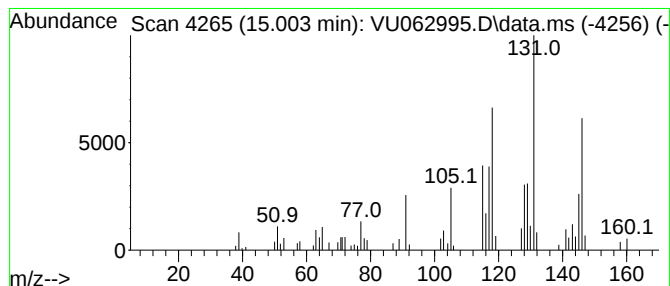
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 20 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.003	0.89 ug/L	59855	1,4-Dichlorobenzene-d4	11.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	87
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	70
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	64
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
Data File : VU062995.D
Acq On : 24 Jan 2025 16:03
Operator : MD/SY
Sample : Q1174-07
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E2937

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0

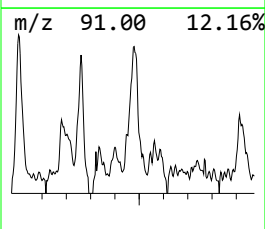
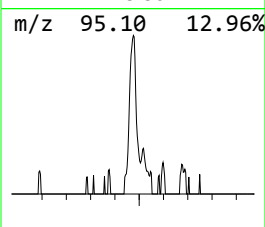
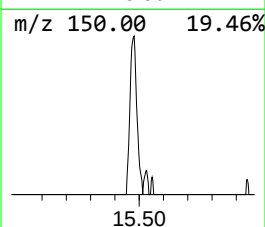
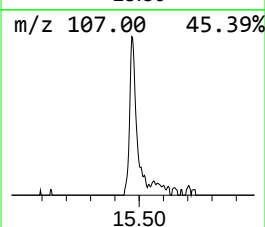
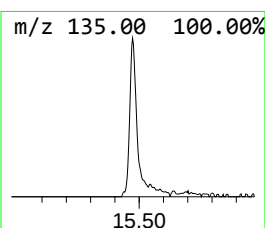
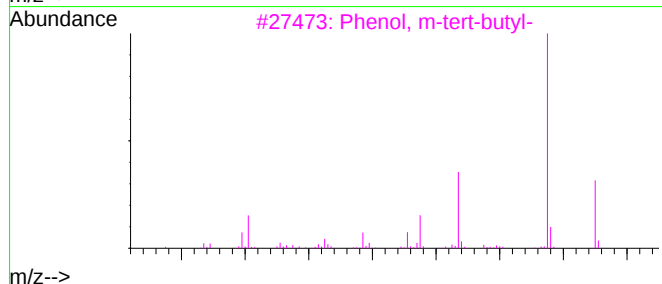
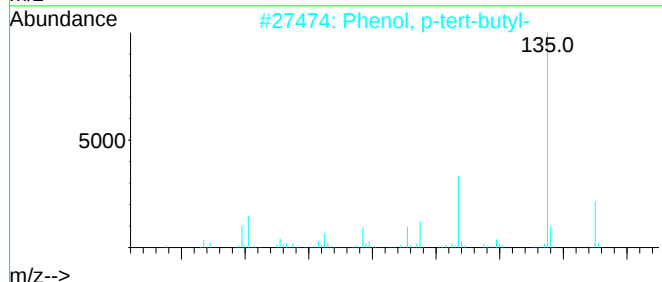
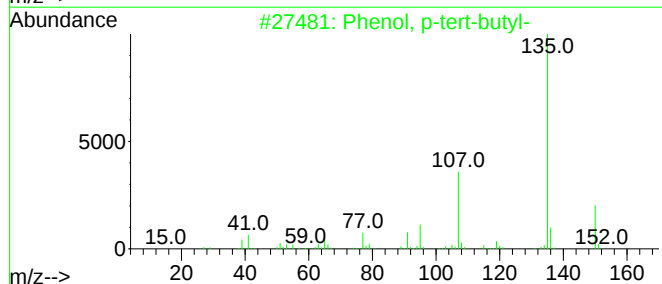
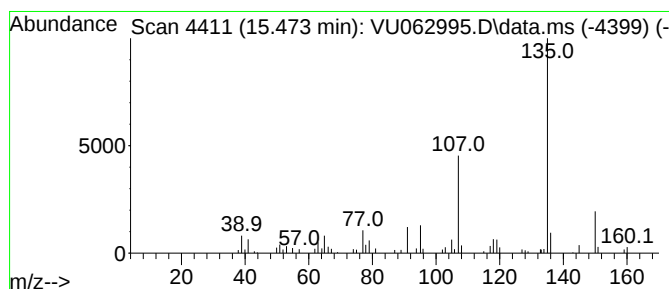
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 23 Phenol, p-tert-butyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.473	1.06 ug/L	71285	1,4-Dichlorobenzene-d4	11.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	95
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	95
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	90
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	87
5	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
Data File : VU062995.D
Acq On : 24 Jan 2025 16:03
Operator : MD/SY
Sample : Q1174-07
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E2937

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0

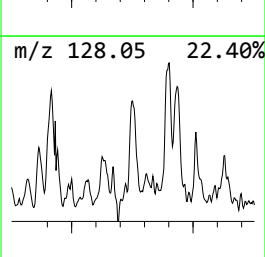
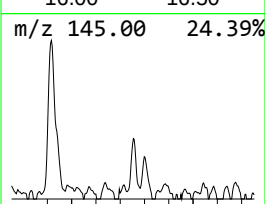
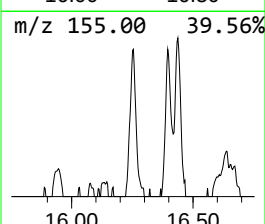
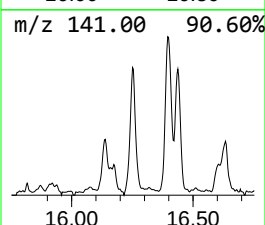
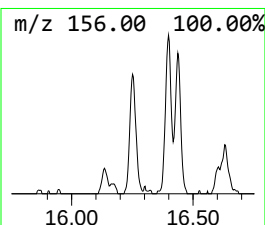
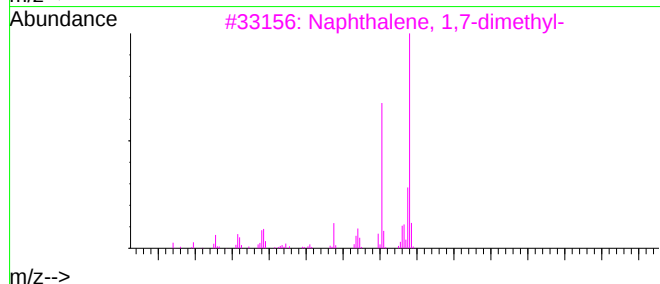
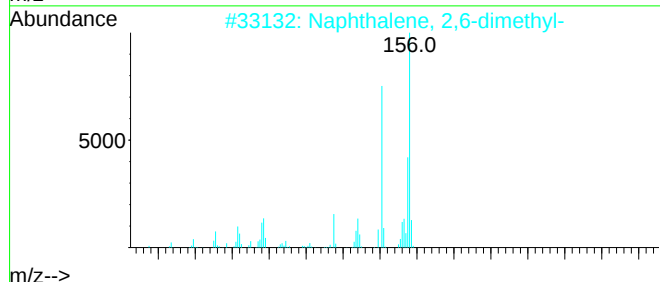
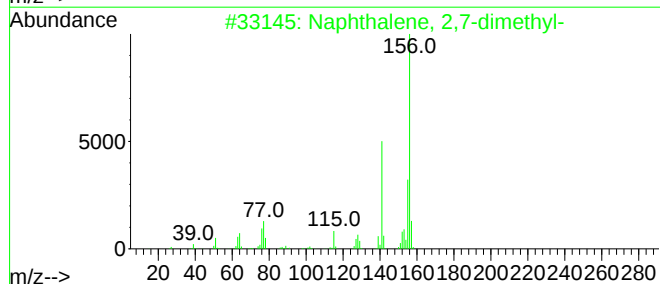
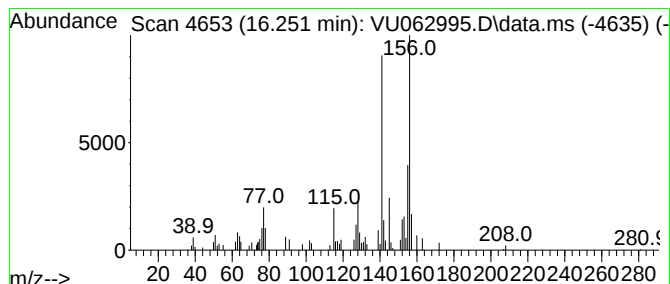
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 24 Naphthalene, 2,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.251	0.94 ug/L	63127	1,4-Dichlorobenzene-d4	11.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
Data File : VU062995.D
Acq On : 24 Jan 2025 16:03
Operator : MD/SY
Sample : Q1174-07
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E2937

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0

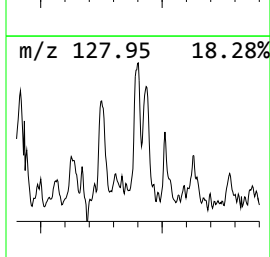
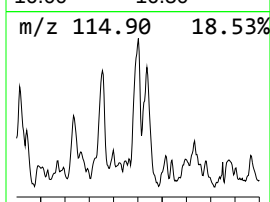
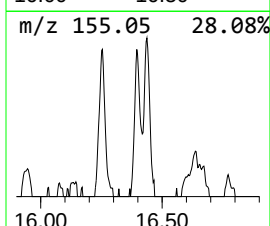
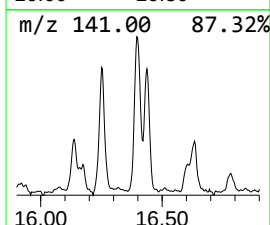
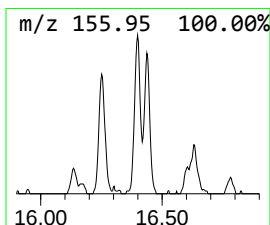
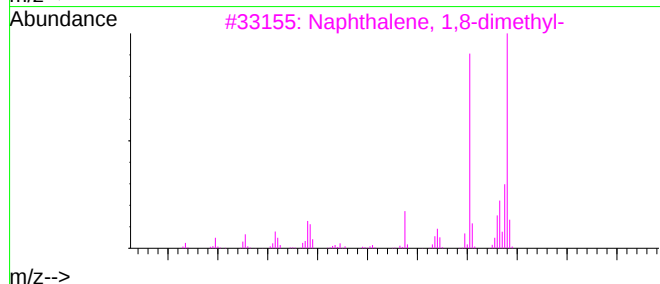
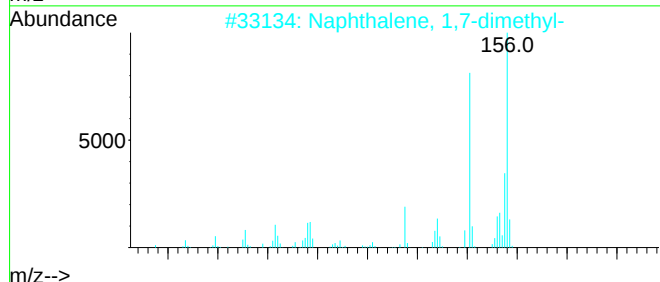
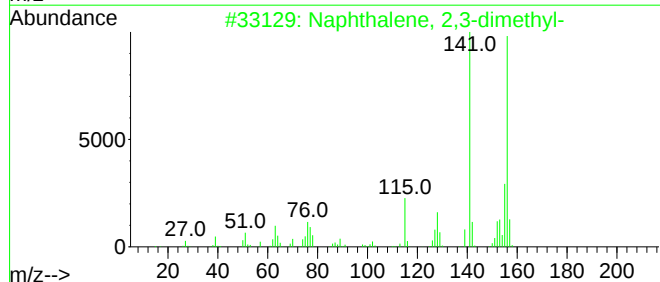
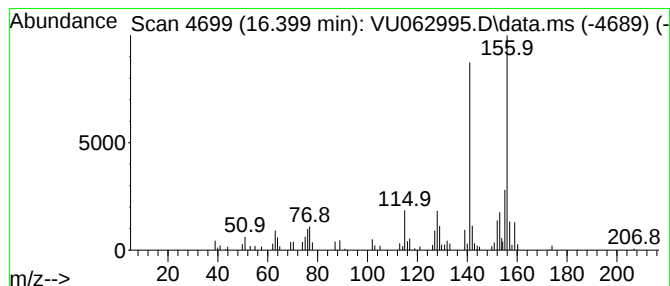
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 25 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.399	0.82 ug/L	54978	1,4-Dichlorobenzene-d4	11.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
Data File : VU062995.D
Acq On : 24 Jan 2025 16:03
Operator : MD/SY
Sample : Q1174-07
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E2937

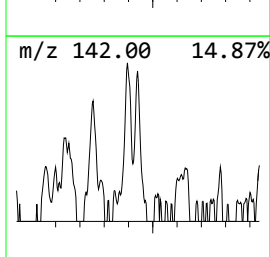
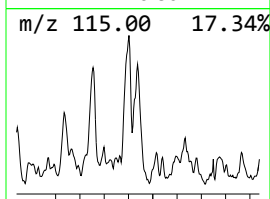
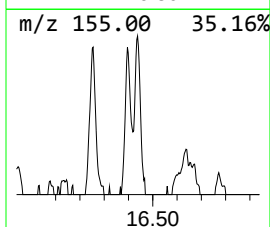
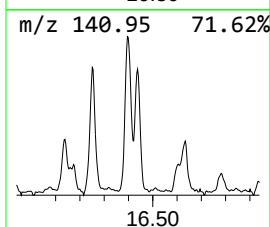
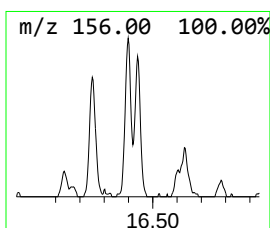
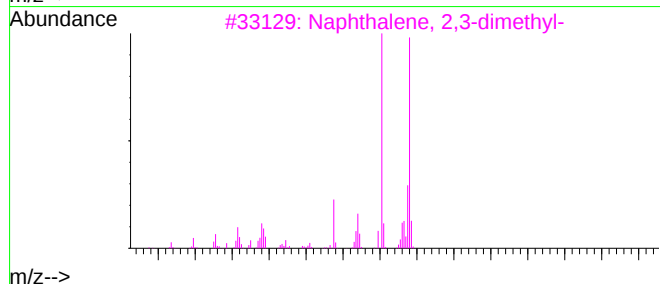
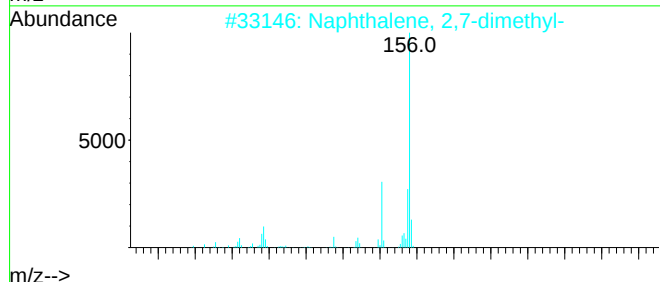
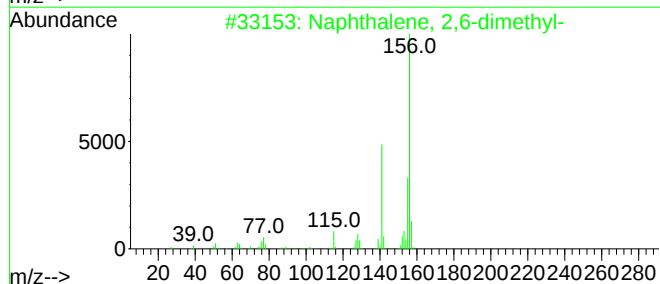
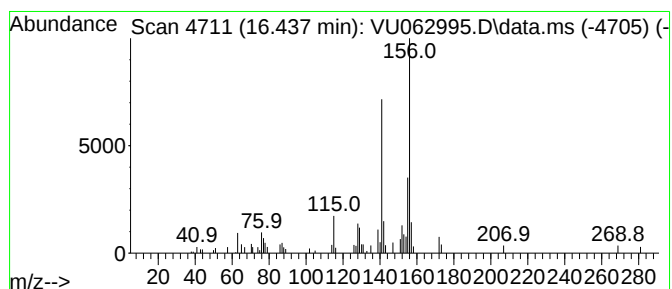
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 26 Naphthalene, 2,6-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.438	0.66 ug/L	44281	1,4-Dichlorobenzene-d4		11.811	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-		156	C12H12	000581-42-0	94
2	Naphthalene, 2,7-dimethyl-		156	C12H12	000582-16-1	93
3	Naphthalene, 2,3-dimethyl-		156	C12H12	000581-40-8	93
4	Naphthalene, 1,7-dimethyl-		156	C12H12	000575-37-1	93
5	Naphthalene, 2,6-dimethyl-		156	C12H12	000581-42-0	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
Data File : VU062995.D
Acq On : 24 Jan 2025 16:03
Operator : MD/SY
Sample : Q1174-07
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E2937

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Methanethiol	1.936	0.7	ug/L	38608	1	6.386	263413	5.0
Ethyl ether	2.563	1.3	ug/L	67444	1	6.386	263413	5.0
Acetic acid	5.676	2.8	ug/L	148058	1	6.386	263413	5.0
Benzene, 1-ethy...	11.004	0.6	ug/L	43118	3	11.811	337133	5.0
Benzene, 1,2,3-...	11.894	1.1	ug/L	72445	3	11.811	337133	5.0
1-Hexanol, 2-et...	12.061	2.4	ug/L	161653	3	11.811	337133	5.0
Fenchone	12.939	1.1	ug/L	72155	3	11.811	337133	5.0
Benzene, 1,2,4,...	13.020	0.8	ug/L	51989	3	11.811	337133	5.0
Benzene, 1-ethy...	13.441	2.2	ug/L	147518	3	11.811	337133	5.0
3-Carene	14.026	0.5	ug/L	36411	3	11.811	337133	5.0
Azulene	14.077	0.8	ug/L	57375	3	11.811	337133	5.0
Naphthalene, 1,...	14.676	1.0	ug/L	68909	3	11.811	337133	5.0
Naphthalene, 1,...	15.003	0.9	ug/L	59855	3	11.811	337133	5.0
Phenol, p-tert-...	15.473	1.1	ug/L	71285	3	11.811	337133	5.0
Naphthalene, 2,...	16.251	0.9	ug/L	63127	3	11.811	337133	5.0
Naphthalene, 2,...	16.399	0.8	ug/L	54978	3	11.811	337133	5.0
Naphthalene, 2,...	16.438	0.7	ug/L	44281	3	11.811	337133	5.0