

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021924\
 Data File : VV034250.D
 Acq On : 19 Feb 2024 17:57
 Operator : SY/MD
 Sample : P1503-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCNC4

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.1

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV034250.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.278	65	74	85	rBV	36284	43990	9.43%	1.666%
2	1.384	88	107	120	rBV3	16016	69238	14.84%	2.622%
3	1.532	147	153	167	rVB	33413	41039	8.80%	1.554%
4	2.056	308	316	336	rVB	73468	121105	25.96%	4.586%
5	2.706	502	518	546	rBV	215211	466461	100.00%	17.665%
6	3.828	856	867	893	rBV3	19366	69484	14.90%	2.631%
7	4.252	984	999	1019	rBV3	40100	103762	22.24%	3.929%
8	4.960	1205	1219	1247	rBV4	92826	233152	49.98%	8.829%
9	5.207	1282	1296	1315	rBV	19202	47598	10.20%	1.803%
10	5.535	1388	1398	1431	rBV	78541	164517	35.27%	6.230%
11	5.992	1529	1540	1571	rBV2	50240	107804	23.11%	4.082%
12	6.918	1818	1828	1851	rBV2	22220	43572	9.34%	1.650%
13	7.246	1919	1930	1954	rBV	113586	204824	43.91%	7.757%
14	7.561	2020	2028	2051	rBV2	11762	22775	4.88%	0.862%
15	8.030	2166	2174	2205	rBV	87900	192550	41.28%	7.292%
16	8.786	2399	2409	2443	rVB	117820	197983	42.44%	7.498%
17	10.156	2823	2835	2852	rBV	34447	54912	11.77%	2.079%
18	11.184	3146	3155	3175	rBV	123011	194158	41.62%	7.353%
19	11.487	3234	3249	3261	rVB5	9339	17619	3.78%	0.667%
20	11.561	3262	3272	3291	rBV	112656	181590	38.93%	6.877%
21	11.956	3386	3395	3408	rVB2	14703	20653	4.43%	0.782%
22	12.355	3509	3519	3529	rVB2	5998	8178	1.75%	0.310%
23	12.821	3655	3664	3675	rBV3	17921	26274	5.63%	0.995%
24	15.744	4564	4573	4582	rBV2	5360	7404	1.59%	0.280%

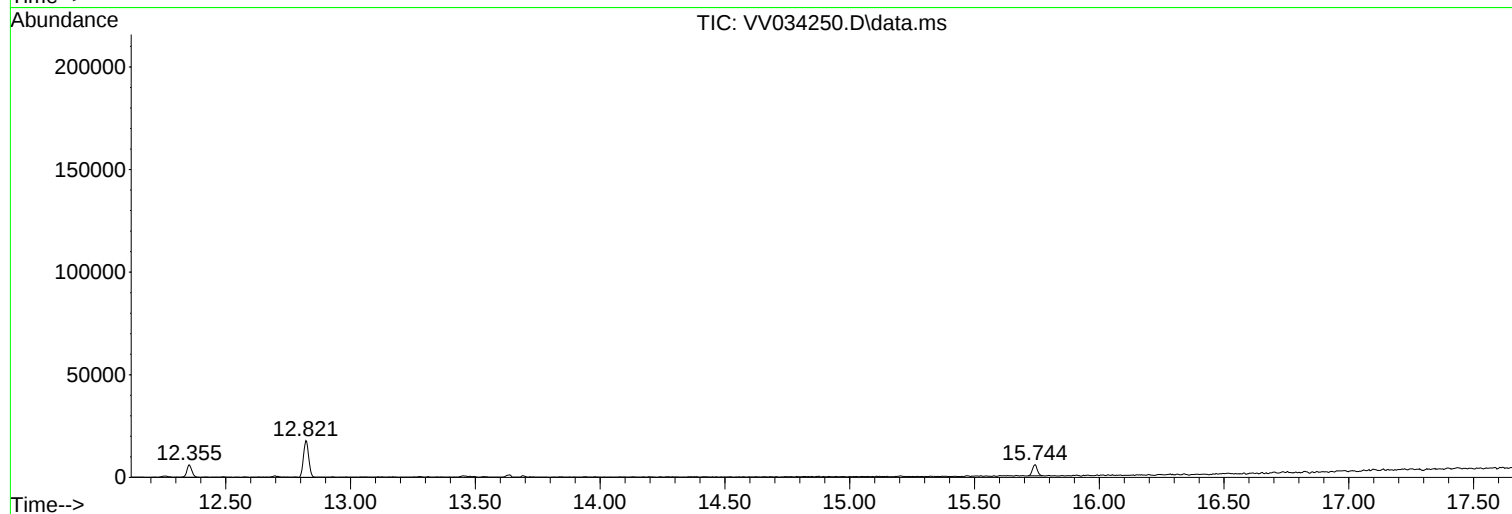
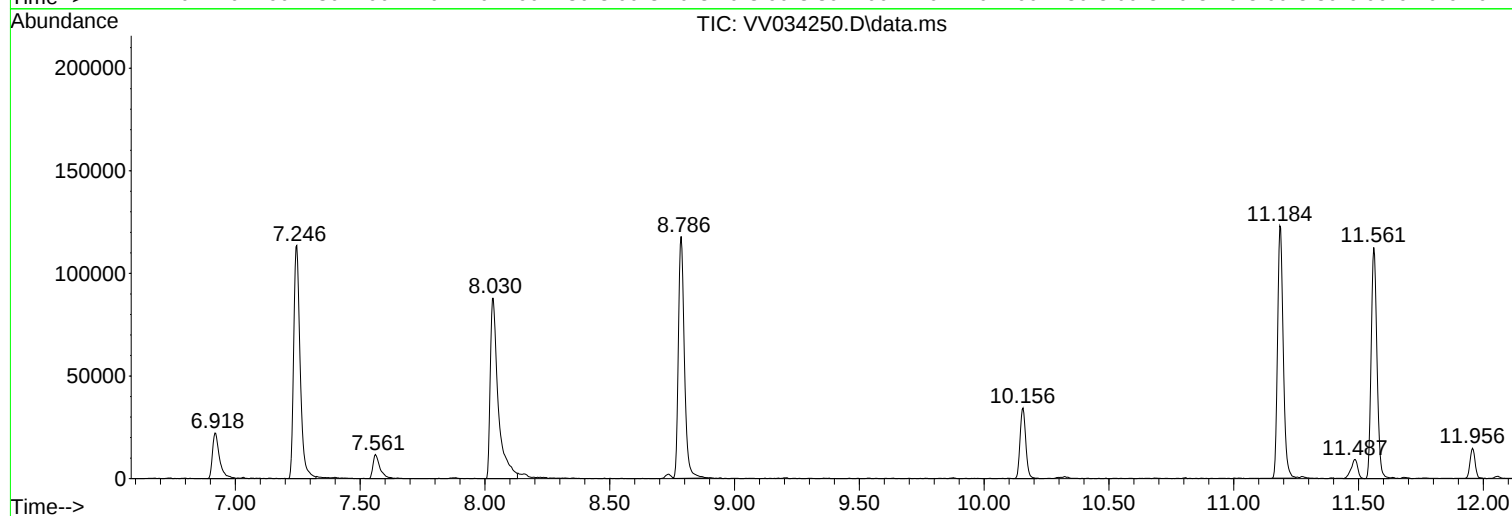
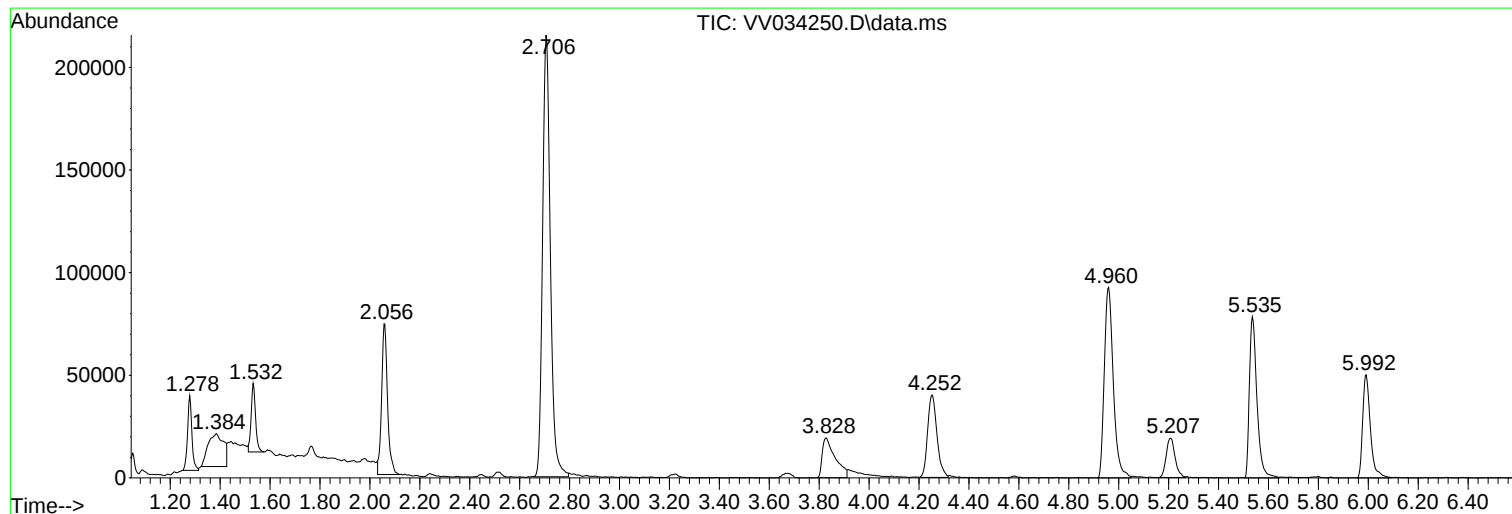
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Quant Title : TRACE VOA SFAM1.0

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



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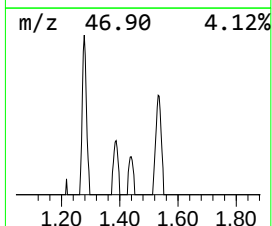
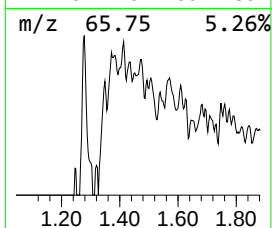
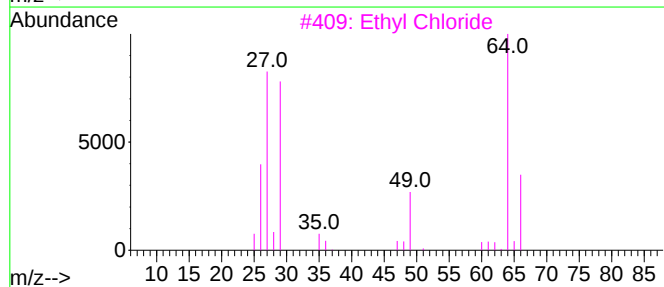
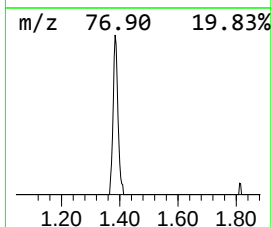
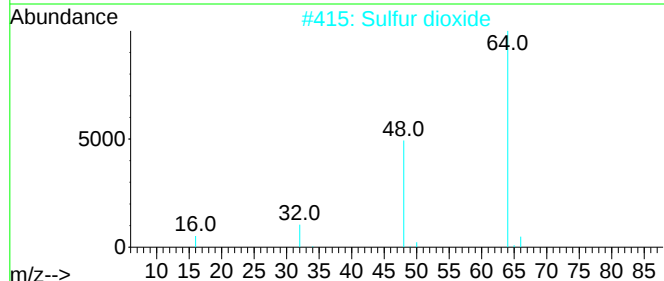
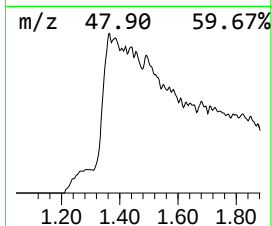
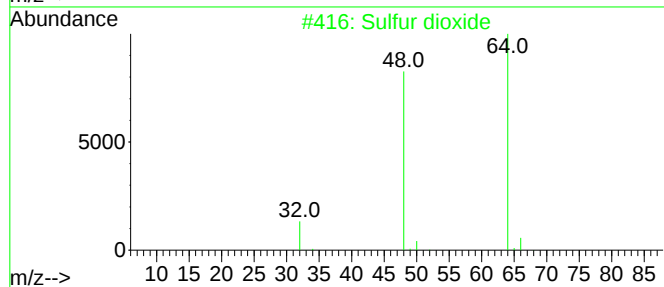
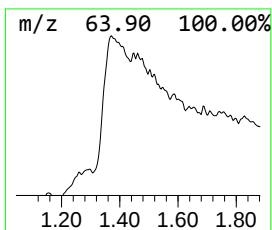
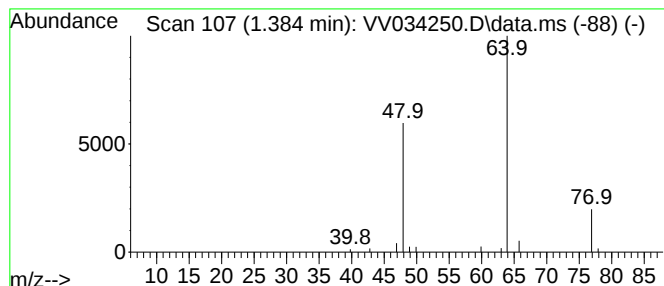
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.384	2.10 ug/L	69238	1,4-Difluorobenzene	5.535

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	64
2			Sulfur dioxide	64	O2S	007446-09-5	64
3			Ethyl Chloride	64	C2H5Cl	000075-00-3	9
4			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9



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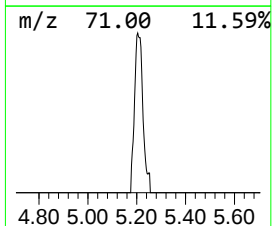
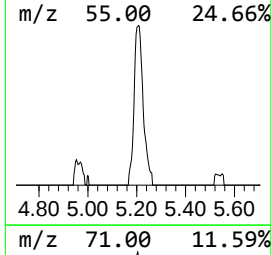
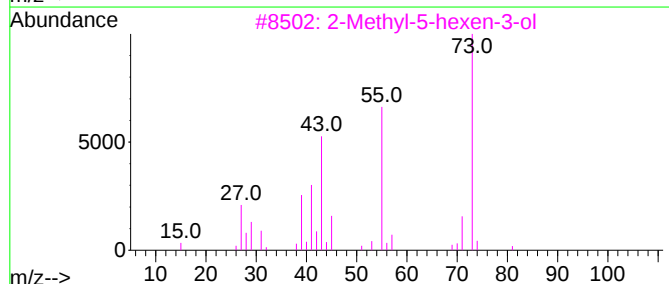
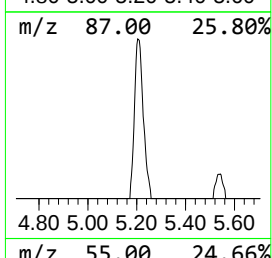
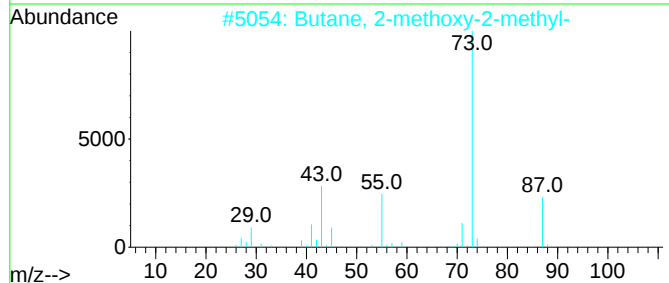
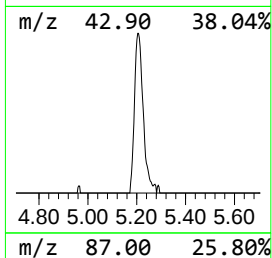
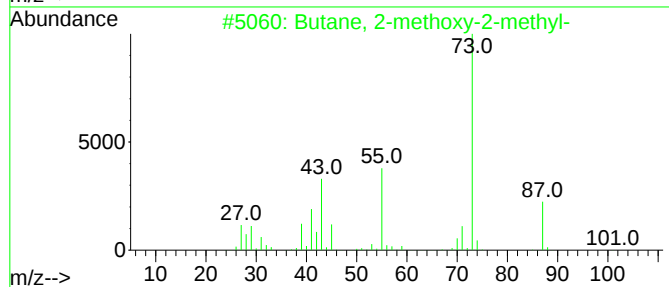
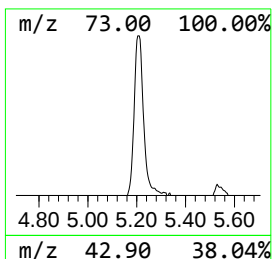
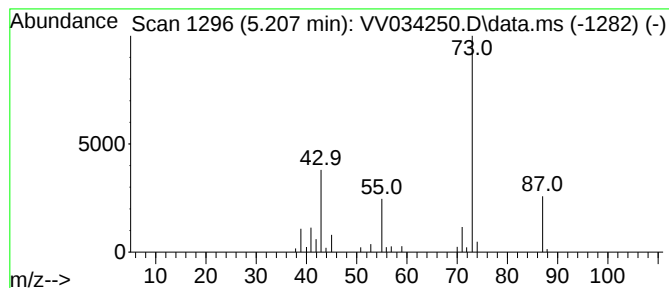
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.207	1.45 ug/L	47598	1,4-Difluorobenzene	5.535

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	10
5			N-Ethylformamide	73	C3H7NO	000627-45-2	9



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ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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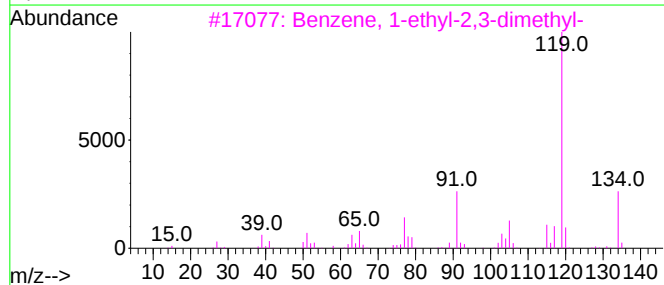
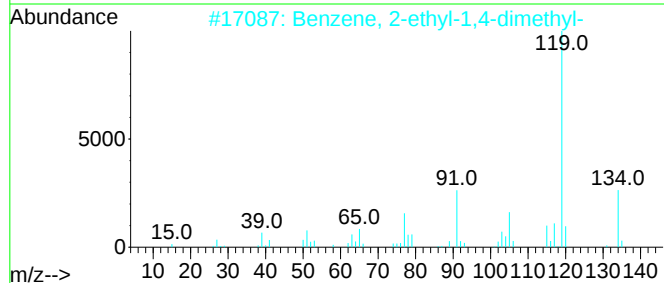
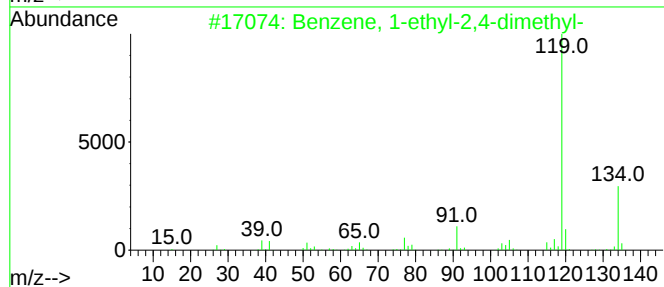
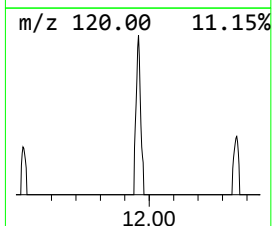
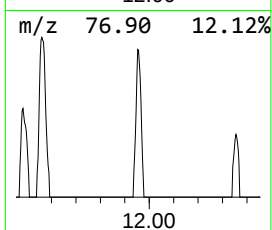
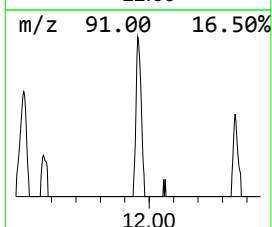
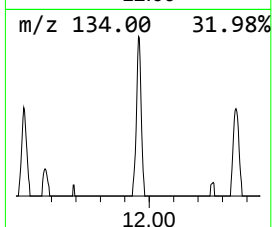
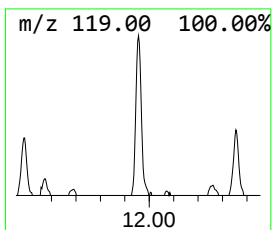
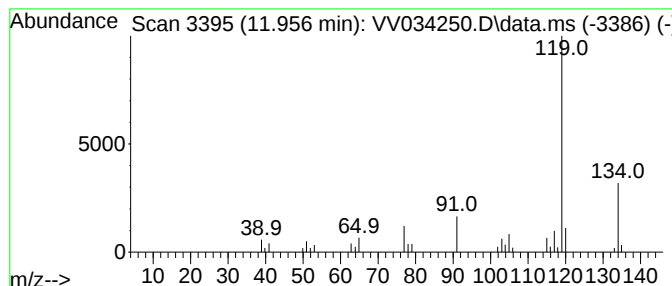
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.956	0.53 ug/L	20653	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94



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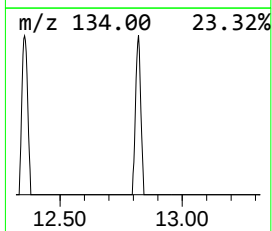
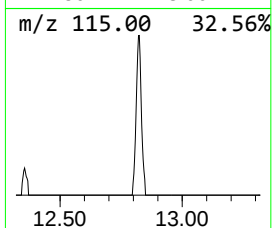
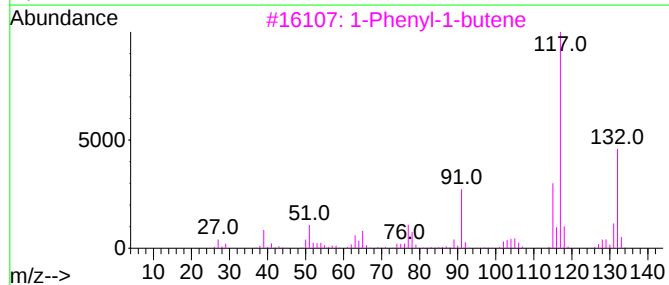
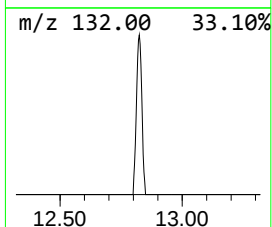
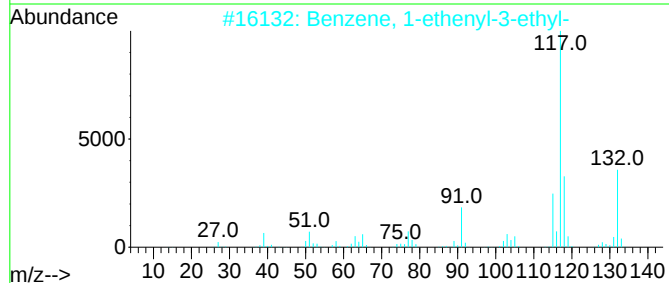
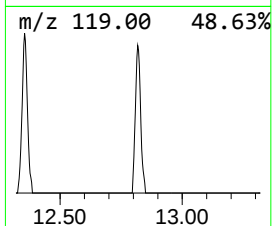
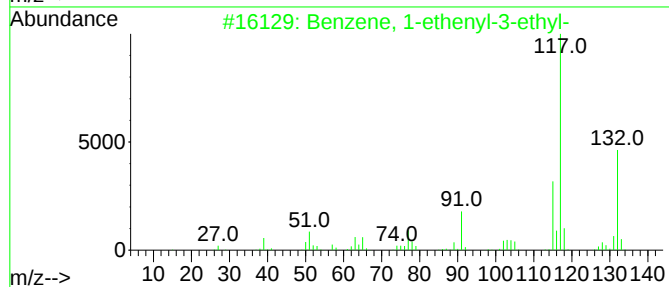
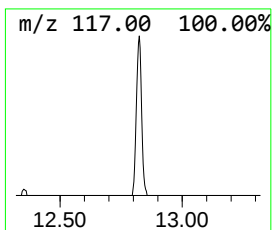
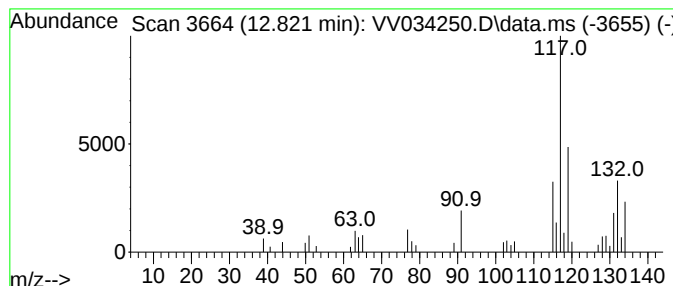
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.821	0.68 ug/L	26274	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64
3			1-Phenyl-1-butene	132	C10H12	000824-90-8	64
4			3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
5			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.384	2.1	ug/L	69238	1	5.535	164517	5.0
Butane, 2-metho...	5.207	1.5	ug/L	47598	1	5.535	164517	5.0
Benzene, 1-ethy...	11.956	0.5	ug/L	20653	3	11.185	194158	5.0
Benzene, 1-ethe...	12.821	0.7	ug/L	26274	3	11.185	194158	5.0