

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050520\
 Data File : VN061297.D
 Acq On : 5 May 2020 17:14
 Operator : JC/MD
 Sample : L2514-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.638	3	15	68	rBV	4221966	14063879	100.00%	73.768%
2	7.548	1835	1853	1864	rBV2	70817	172878	1.23%	0.907%
3	7.625	1864	1877	1892	rVB	131330	306625	2.18%	1.608%
4	7.989	1974	1990	2015	rBV2	102124	244818	1.74%	1.284%
5	8.548	2146	2164	2185	rBV	214436	445548	3.17%	2.337%
6	10.059	2620	2634	2663	rBV	341246	618656	4.40%	3.245%
7	11.381	3031	3045	3065	rBV	322281	559478	3.98%	2.935%
8	12.377	3342	3355	3372	rBV	252670	417829	2.97%	2.192%
9	13.320	3635	3648	3670	rBV	322053	543299	3.86%	2.850%
10	13.487	3689	3700	3704	rBV	160539	239019	1.70%	1.254%
11	13.519	3704	3710	3720	rVV	267078	432473	3.08%	2.268%
12	13.866	3805	3818	3828	rBV	132491	201222	1.43%	1.055%
13	13.972	3841	3851	3863	rVB2	118711	201821	1.44%	1.059%
14	14.184	3901	3917	3934	rBV	247727	388204	2.76%	2.036%
15	14.570	4024	4037	4048	rBV3	120942	229199	1.63%	1.202%

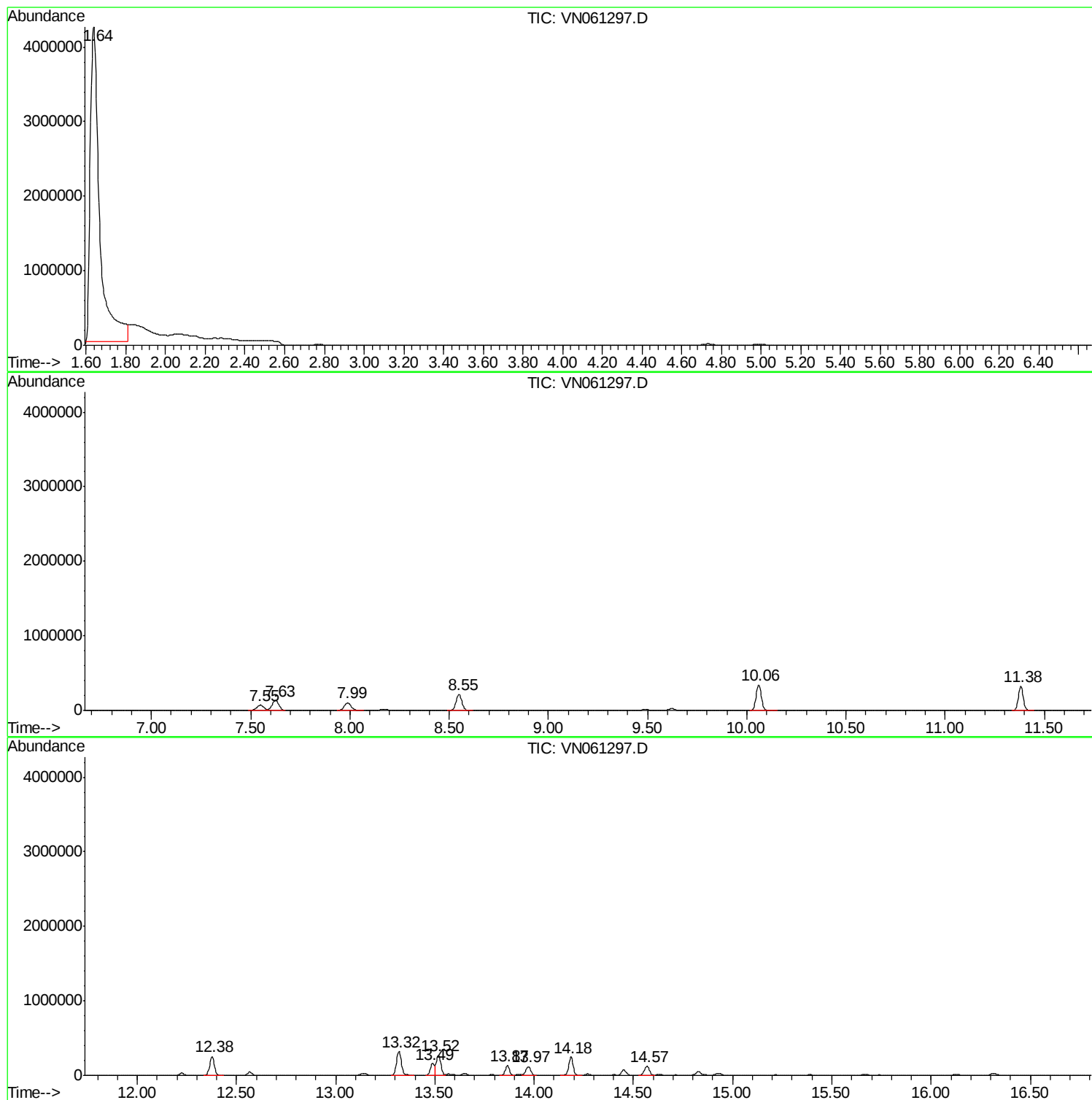
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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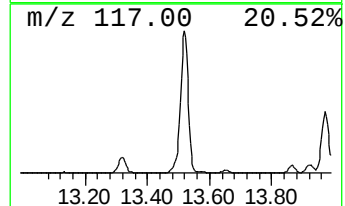
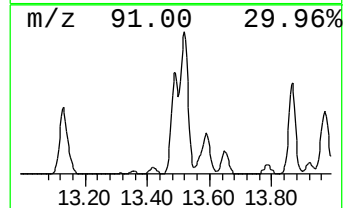
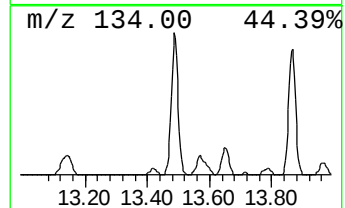
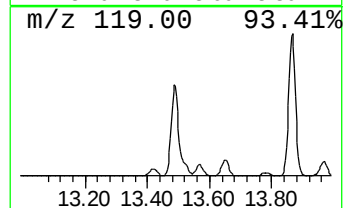
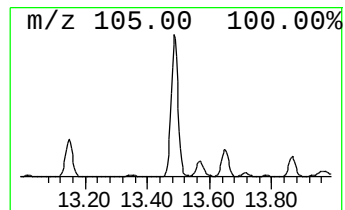
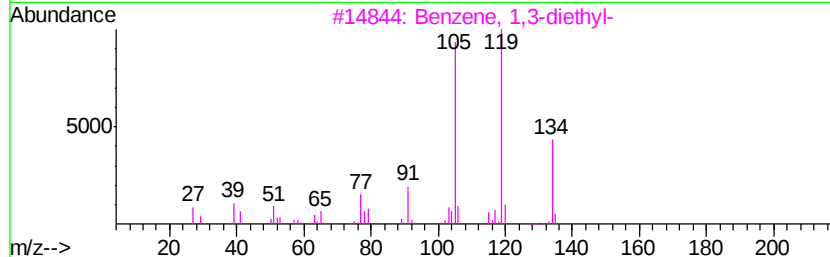
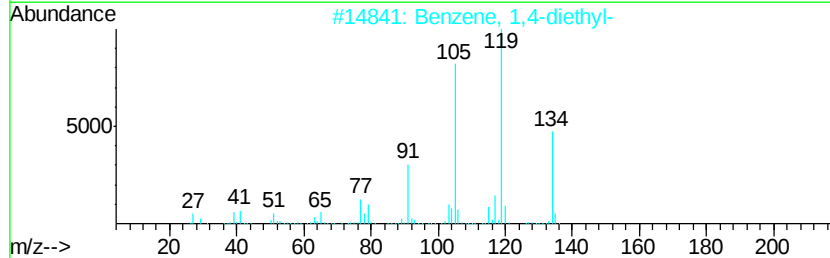
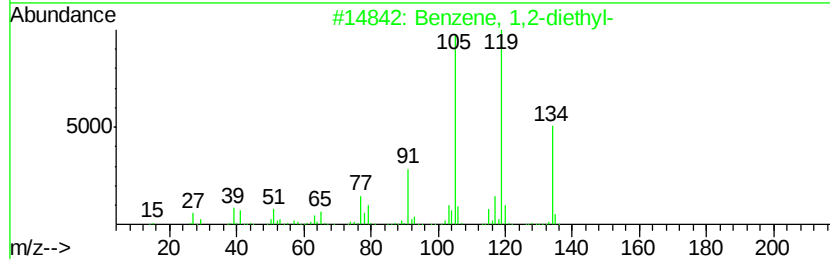
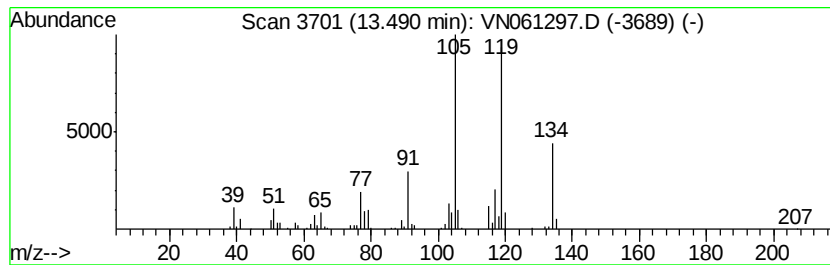
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1,2-diethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	22.00 ug/l	239019	1,4-Dichlorobenzene-d4	13.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81



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ClientSampled :
MW-2

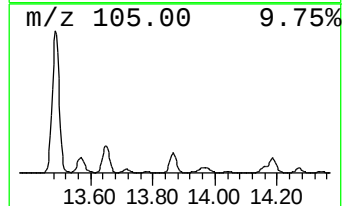
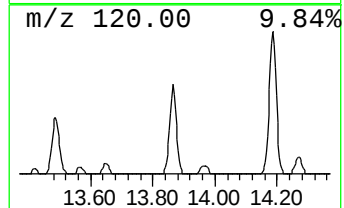
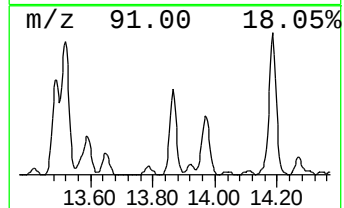
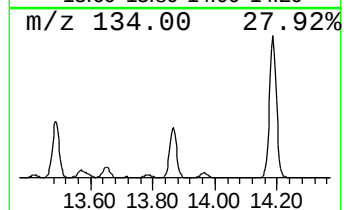
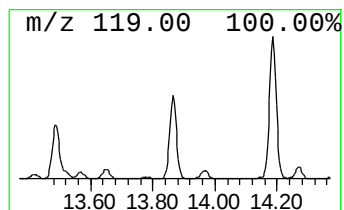
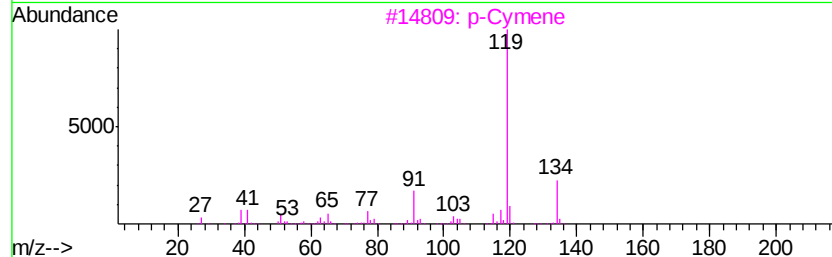
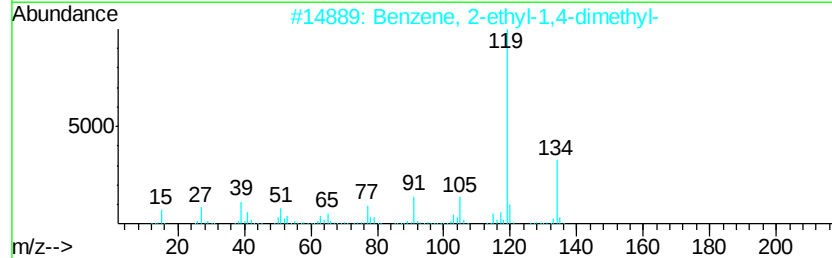
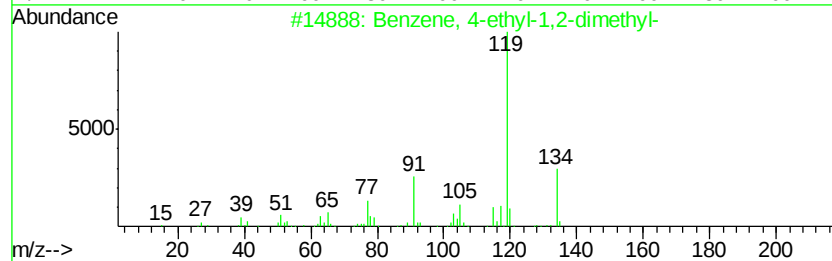
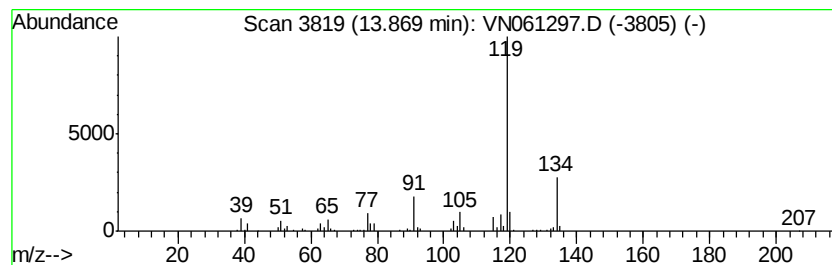
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	18.52 ug/l	201222	1,4-Dichlorobenzene-d4	13.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3		p-Cymene	134	C10H14	000099-87-6	95
4		o-Cymene	134	C10H14	000527-84-4	95
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95



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Instrument :
MSVOA_N
ClientSampleId :
MW-2

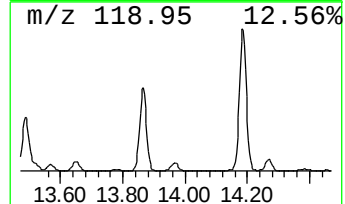
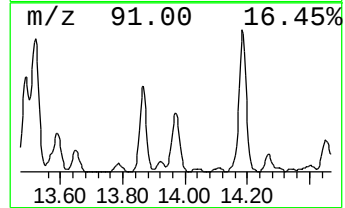
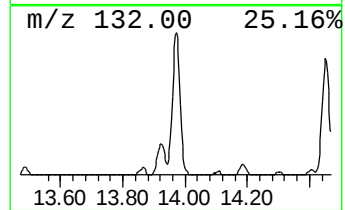
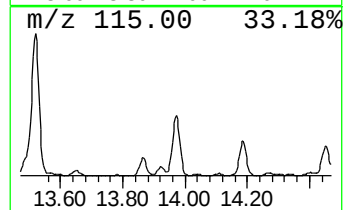
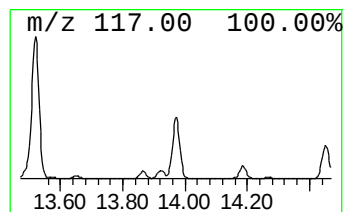
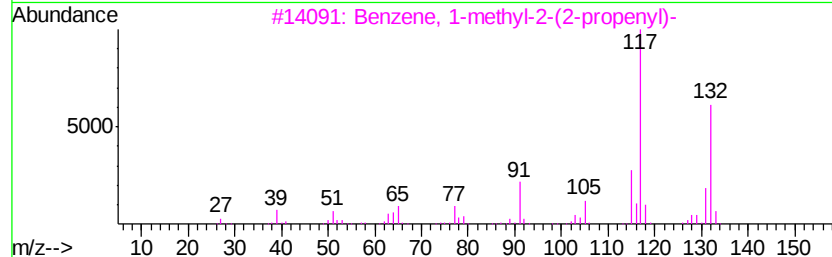
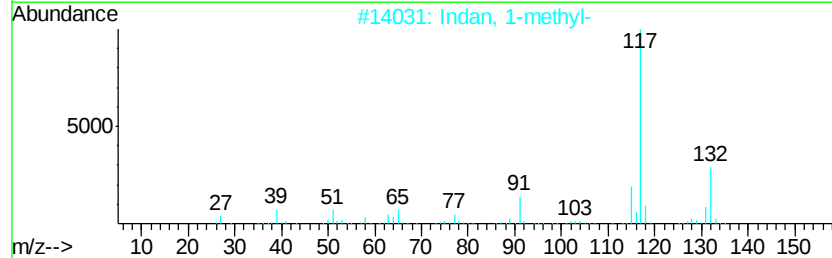
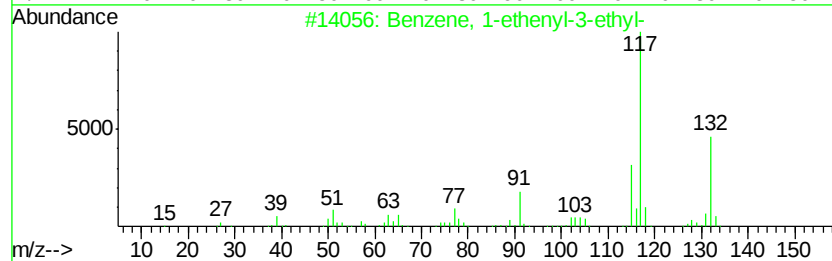
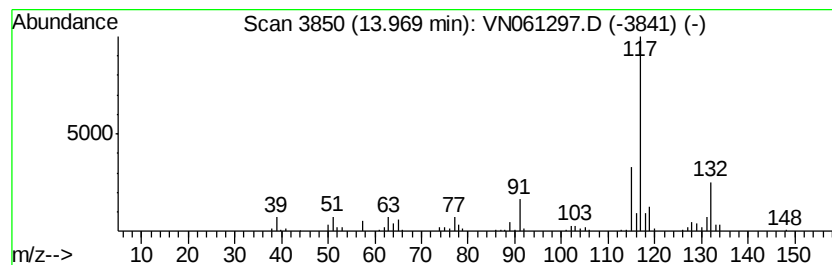
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	18.57 ug/l	201821	1,4-Dichlorobenzene-d4	13.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
2		Indan, 1-methyl-	132	C10H12	000767-58-8	87
3		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
4		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	81
5		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	80



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Instrument :
MSVOA_N
ClientSampled :
MW-2

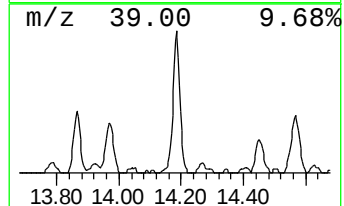
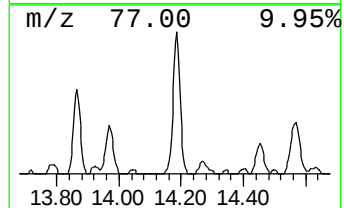
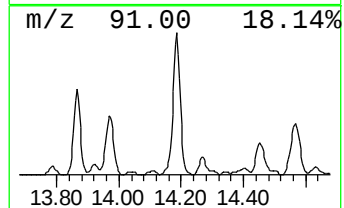
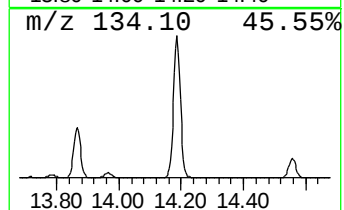
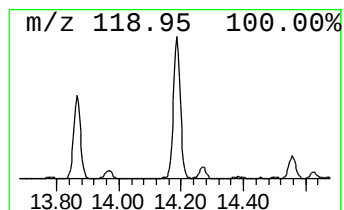
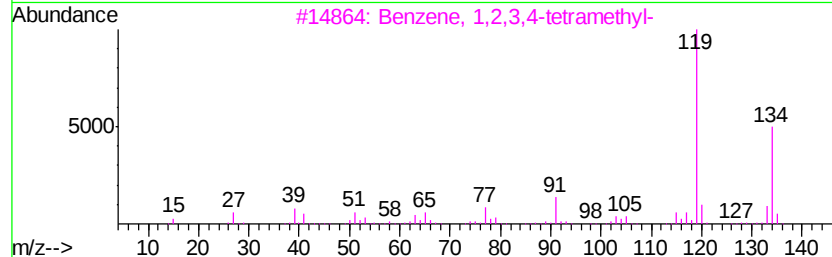
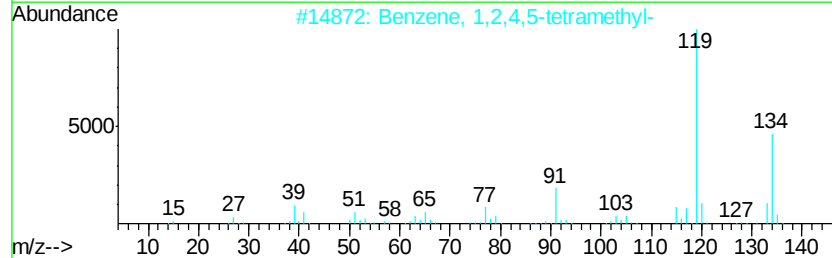
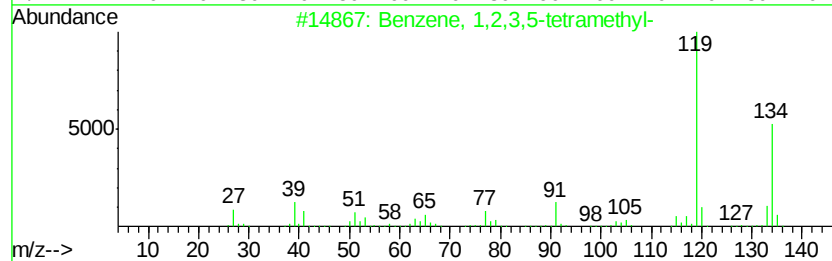
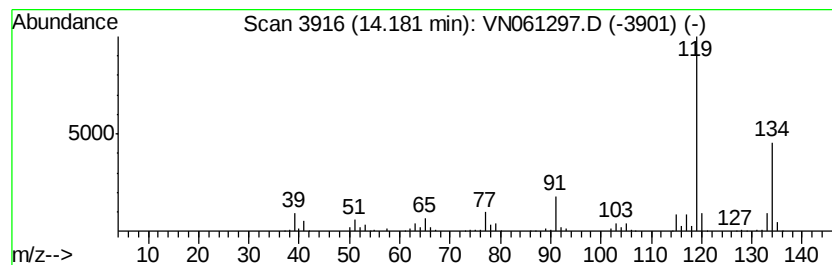
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Peak Number 6 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	35.73 ug/l	388204	1,4-Dichlorobenzene-d4	13.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4		o-Cymene	134	C10H14	000527-84-4	95
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93



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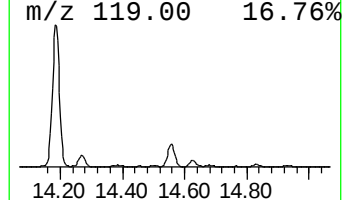
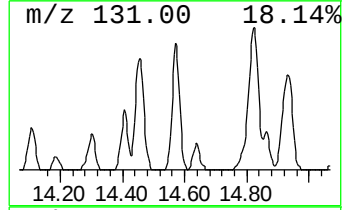
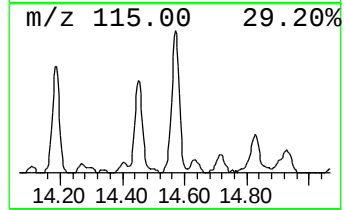
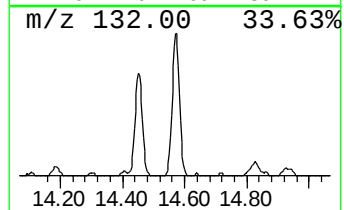
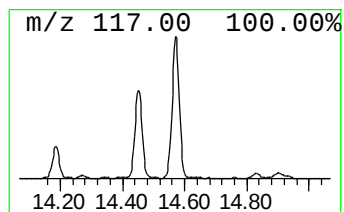
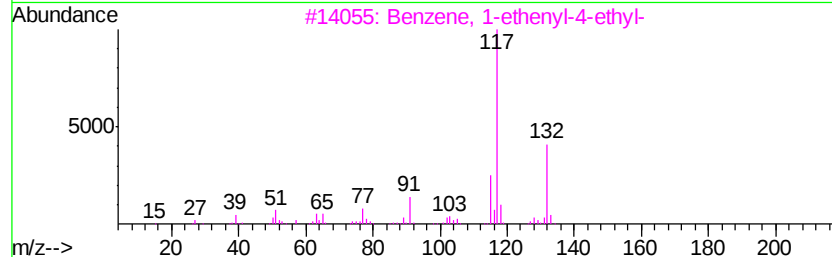
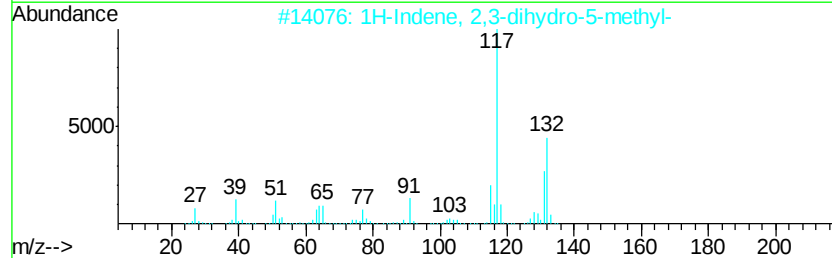
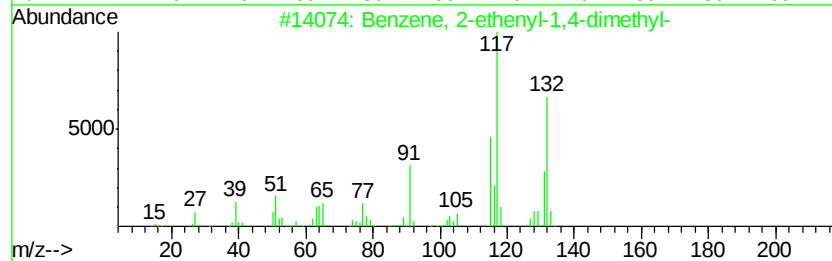
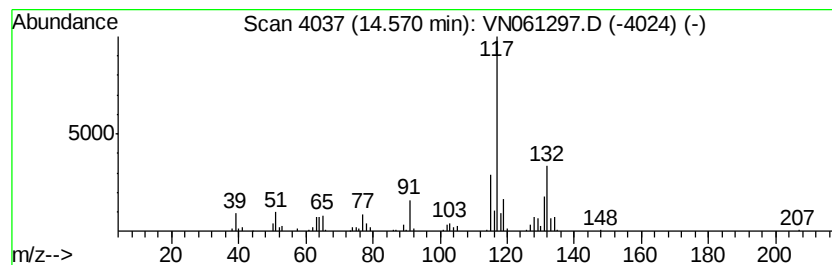
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	21.09 ug/l	229199	1,4-Dichlorobenzene-d4	13.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	95
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
4		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
5		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91



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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,2-diet...	13.49	22.0	ug/l	239019	4	13.32	543299	50.0
Benzene, 4-ethyl-...	13.87	18.5	ug/l	201222	4	13.32	543299	50.0
Benzene, 1-etheny...	13.97	18.6	ug/l	201821	4	13.32	543299	50.0
Benzene, 1,2,3,5-...	14.18	35.7	ug/l	388204	4	13.32	543299	50.0
Benzene, 2-etheny...	14.57	21.1	ug/l	229199	4	13.32	543299	50.0